

## PART B: Criteria Summary

<b>Criteria No.</b>	<b>Criteria</b>	<b>Total Marks</b>	<b>Institute Marks</b>
1	VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES	50	50.00
2	PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES	200	200.00
3	COURSE OUTCOMES AND PROGRAM OUTCOMES	100	100.00
4	STUDENTS' PERFORMANCE	200	136.27
5	FACULTY INFORMATION AND CONTRIBUTIONS	150	135.00
6	FACILITIES AND TECHNICAL SUPPORT	100	100.00
7	CONTINOUS IMPROVEMENT	75	75.00
8	STUDENT SUPPORT SYSTEMS	50	50.00
9	GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	75	75.00
	<b>Total</b>	<b>1000</b>	<b>921</b>

## Part B

1 VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (50)

Total Marks 50.00

**1.1 State the Vision and Mission of the Department and Institution (5)**

Total Marks 5.00

Institute Marks

5.00

Vision of the institute	To become Center of Excellence, providing quality technical education and training to make Self-reliant and responsible citizens.										
Mission of the institute	<p>1. To provide conducive environment for quality education.</p> <p>2. To extend facilities and services for excellence in technical education.</p> <p>3. To inculcate values and ethics for lifelong learning through curricular, co curricular and extra -curricular</p>										
Vision of the Department	To empower students in the field of Computer Engineering through quality technical knowledge										
Mission of the Department	<table border="1"> <thead> <tr> <th>Mission No.</th> <th>Mission Statements</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>To educate the students to transform them as professionally competent and quality conscious Engineer.</td> </tr> <tr> <td>M2</td> <td>To implement Effective &amp;efficient Teaching-Learning practices.</td> </tr> <tr> <td>M3</td> <td>To enable students to become lifelong learner.</td> </tr> <tr> <td>M4</td> <td>To inculcate values and ethics as to become good human being of society.</td> </tr> </tbody> </table>	Mission No.	Mission Statements	M1	To educate the students to transform them as professionally competent and quality conscious Engineer.	M2	To implement Effective &efficient Teaching-Learning practices.	M3	To enable students to become lifelong learner.	M4	To inculcate values and ethics as to become good human being of society.
Mission No.	Mission Statements										
M1	To educate the students to transform them as professionally competent and quality conscious Engineer.										
M2	To implement Effective &efficient Teaching-Learning practices.										
M3	To enable students to become lifelong learner.										
M4	To inculcate values and ethics as to become good human being of society.										

1.2 State the Program Educational Objectives (PEOs) (5)

Total Marks 5.00

PEO No.	Program Educational Objectives Statements
PEO1	Provide socially responsible, environment friendly solutions to Computer engineering related broad-based problems adapting professional ethics.
PEO2	Adapt state-of-the-art Computer engineering broad-based technologies to work in multi-disciplinary work environments.
PEO3	Solve broad-based problems individually and as a team member communicating effectively in the world of work.

**1.3 Indicate where and how the Vision, Mission and PEOs are published and disseminated among stakeholders (10)**

Total Marks 10.00

**Vision and Mission of Institute are published in/at –**

S.N.	Particulars	Internal Stake Holders	External Stake Holders
01	Principal Cabin	P	
02	Institute Notice Board	P	
03	Institute Website( <a href="http://grwpl.org.in/index.php">http://grwpl.org.in/index.php</a> ) ( <a href="http://grwpl.org.in/index.php">http://grwpl.org.in/index.php</a> )	P	P

Table No 1.3.1

**Vision and Mission and PEO of Department are published and Disseminated in/at–**

S.N.	Particulars	Internal Stake Holders	External Stake Holders
01	HOD Cabin	P	
02	Staff Rooms	P	
03	Departmental Labs.	P	
04	Departmental Notice Board	P	
05	Departmental Library	P	
06	Departmental Corridor.	P	
07	Class Rooms	P	
08	Faculty Course Files	P	
09	Faculty Tables	P	
10	Department Website ( <a href="http://grwpl.org.in/co">http://grwpl.org.in/co</a> ) ( <a href="http://grwpl.org.in/co">http://grwpl.org.in/co</a> )	P	P
11	Alumni		P
12	Parents		P
13	Industrial Experts		P

Table No 1.3.2

Apart from this, Mission and Vision is disseminated to all the stakeholders of the programs through faculty meetings, student awareness workshops and parents meetings.

S.N.	Internal Stake Holders	External Stake Holders
1	Technical Education Department Staff (M.S.)	Parents
2	Faculty	Employers
3	Supporting Staff	Industries
4	Students	Alumni

Table No 1.3.3

**1.4 State the process for defining the Vission and Mission of the Department, and PEOs of the program (15)**

Total Marks 15.00

Institute Marks

15.00

**VISION AND MISSION PROCESS (10)**

The department established the vision and mission through a consultative and Collaborative

Process involving all stakeholders of the department.

Programme Assessment Committee (PAC) was constituted and SWOC analysis conducted to

Ascertain department's Strengths, Weaknesses, Opportunities and Challenges. All internal

Stakeholders including alumni were involved in SWOC analysis.

The vision and mission of the institute was thoroughly understood by the participants. Based

On the institute Vision and Mission, the following stages were followed in the development

Of vision and mission of the program.

**Step 1:**

Vision and Mission of the Institution are taken as basis.

**Step 2:**

Views are taken from stakeholders of the department such as students, faculty members,

Parents, Employers, alumni and industrial experts.

**Step 3:**

The views about the vision and mission of the department are formulated by the

Team of faculty members of the department and vision and mission statements

Are discussed further among all Electronics & Communication Engineering

Faculty members before finalization.

**Step 4:**

The vision and mission are analyzed and reviewed to check the consistency

With the vision and mission of the department at the program level by Program

Assessment Committee (PAC).

**Step 5:**

Finally approved and published the vision and mission of the department.

Graphical presentation of the process for defining Department Vision and Mission is shown in Fig 1.1

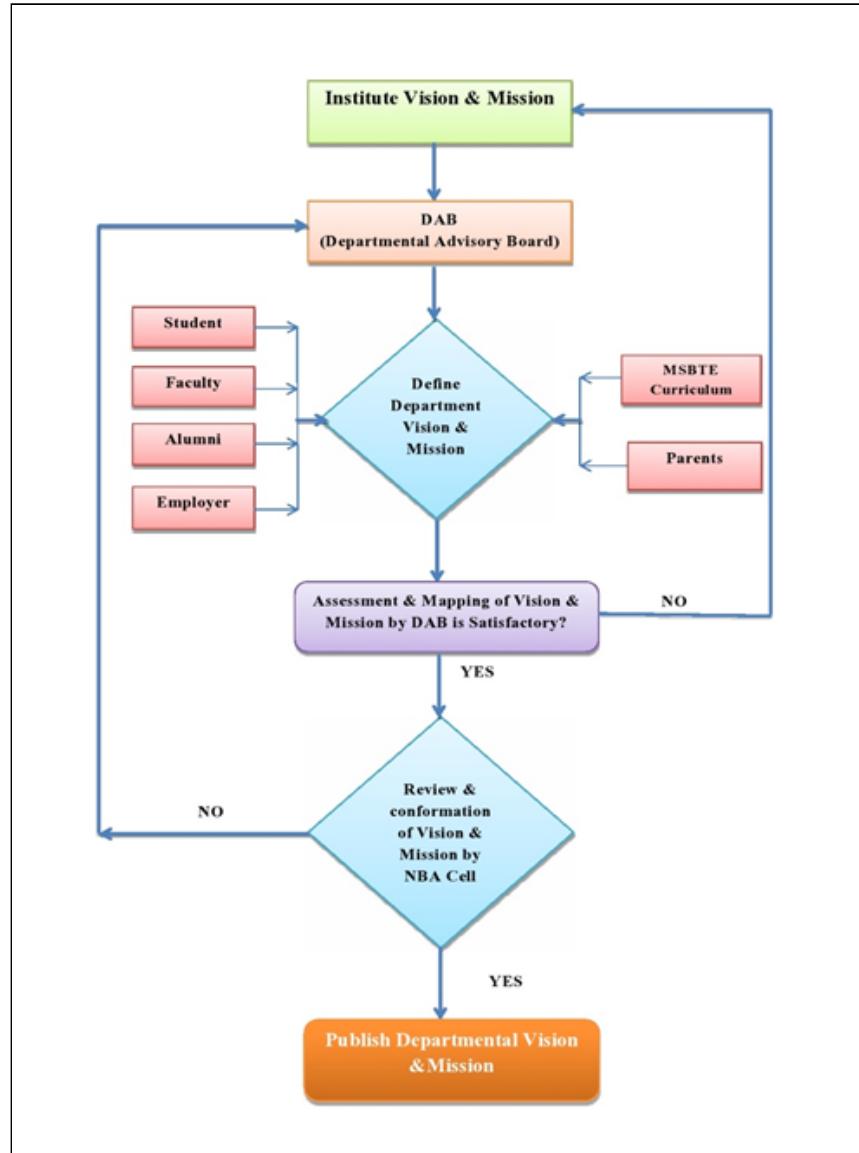


Figure 1.4:- Vision Mission of Department

## Justification for PEO1 :

**Mission 1** Strongly support to achieve **PEO1**, to develop the ability among students to understand the concept of core computer subjects that will facilitate understanding of new technologies which can be accomplished, if diploma engineers are imparted with computer engineering knowledge.

**Mission 2** Moderately support **PEO1** as objective to build the ability among students to understand the concept of different computer courses / subjects, that will facilitate understanding of new technologies which can be accomplished, if student has enthusiasm of efficient learning practices.

**Mission 3** Moderately support **PEO1** as the students must gain the knowledge of current trends in computer engineering by understanding new technologies with effective lifelong learning.

**Mission 4** Strongly support **PEO1** by generating awareness of value based education and ethics among the students to serve the best for society.

## Justification for PEO2 :

**Mission 1** Strongly support to achieve **PEO2** as objective to employ the IT engineer in the fields such as software development, testing, deployment, operation and network administration which can be accomplished if computer engineering knowledge is imparted effectively.

**Mission 2** Moderately support to achieve **PEO2** as objective to prepare the mindset of the students for interpersonal skills and lifelong learning skills so as to work in different environment.

**Mission 3** Moderately support to achieve **PEO2** as objective to employ the IT engineer in different areas of IT industry by learning interpersonal skills and leadership qualities through multi-disciplinary environment to serve the industry and the society.

**Mission 4** Moderately support **PEO2** to make aware of , need for value based education by developing sophisticated technocrats for society with human values.

## Justification for PEO3 :

**Mission 1** Moderately support to achieve **PEO3** as objective to encourage computer engineering diploma students for higher level technical education so that their knowledge will be beneficial for the society, which can be accomplished if students have sufficient knowledge of latest technology.

**Mission 2** Moderately support to achieve **PEO3** as objective to encourage the students to work at individual or in the team for multiple broad based projects ,which can be accomplish if student is committed to effective learning.

**Mission 3** Strongly support to achieve **PEO3** as objective to encourage computer engineering diploma students for higher level technical education so that their knowledge will be beneficial for the society which can be accomplished if students enhances his/her knowledge.

**Mission 4** Strongly support to achieve **PEO3** as objective to provide awareness for value based education with professional ethics to serve for industry and society at work place.

PEO Statements	M1	M2	M3	M4
Provide socially responsible, environment friendly solutions to Computer engineering related broad-based problems adapting professional ethics.	3	2	2	3
Adapt state-of-the-art Computer engineering broad-based technologies to work in multi-disciplinary work environments.	3	2	2	2
Solve broad-based problems individually and as a team member communicating effectively in the world of work.	2	2	3	3

## 2 PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (200)

Total Marks 200.00

### 2.1 Program Curriculum (40)

Total Marks 40.00

**2.1.1 State the process used to identify extent of compliance of the Board curriculum for attaining the Program Outcomes (POs) and Program Specific Outcomes (PSOs) as mentioned in Annexure I. Also mention the identified curricular gaps, if any (25)**

Institute Marks

25.00

#### A. Process used to identify extent of compliance of curriculum for attaining POs & PSOs (15)

Institute Marks

15.00

A. Process used to identify extent of compliance of curriculum for attaining POs & PSOs (15)

All over the Maharashtra , Diploma Engineering institutes are affiliated to Maharashtra State Board of Technical Education(MSBTE), Mumbai. MSBTE

designed manual for Curriculum Implementation And Assessment Norms (CIAAN 2011) to identify extent of compliance of curriculum for attaining POs &

PSOs. The process include three phases as follows :

**Phase I- Curriculum Development**

**Phase II - Curriculum Implementation**

**Phase III- Student Assessment**

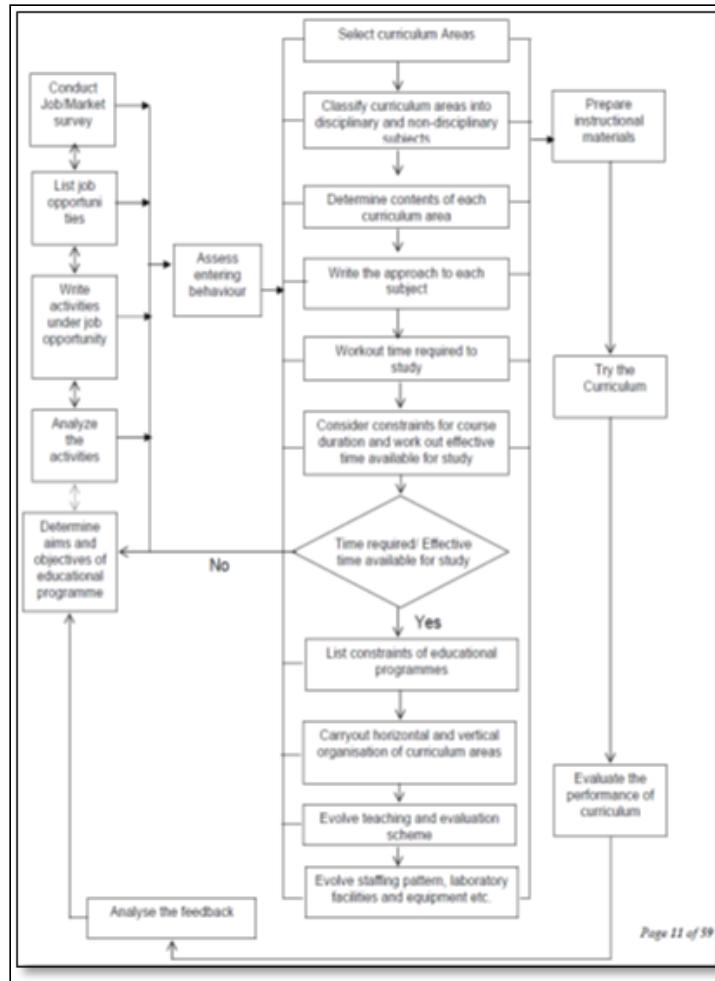
**Phase I- Curriculum Development**

The MSBTE has decided to adopt following strategies to develop the curriculum of G Scheme.

1. For each discipline a core team was formed to revise the present curriculum which has been done through the questionnaire responded by concerned teachers.
2. The MSBTE conducted industry survey to find out role of diploma holders, It is due to recent **advertisements in technology and changing needs of industry & society**.
3. To conduct search conference for identifying specific area for which skilled manpower is **required**.
4. Curriculum is developed / revised through identified project institute with experienced **faculties and under guidance of education consultants**.
5. In order to develop the curriculum on sound principles of education the faculties is trained in **different areas**.

G scheme curriculum was revised in academic year 2017-2018 and the I scheme which is outcome based curriculum designed by MSBTE . The CIAAN 2017

was designed for effective design, implementation and assessment.



**Fig no. 2.1.1.1 shows a schematic approach to curriculum development**

Page 11 of 59

## Phase II - Curriculum Implementation

To ensure effective curriculum implementation, the management structure has been proposed under the control of MSBTE such as ICIU, EAMC and IAMC.

### Strategies for curriculum implementation

#### 1. State Level:

Academic committees of MSBTE through Expert committees will formulate the policies and guidelines and communicate the same to the institutions.

#### 2. Institute Level:

The Principal select a faculty as Academic coordinator through ICIU to develop the plan of implementation for all the disciplines and follow uniform procedures as directed by MSBTE time to time.

### **3. Departmental Level:**

The Head of the Department shall prepare *session plan* of implementation and take review of the progress from faculty and students

### **4. Individual (Teacher) Level:**

The subject teacher prepares the session plan for class room sessions and practical sessions to make sure attainment of CO,PO,PSO.

### **Mechanism For Curriculum Implementation**

1. Institution Curriculum Implementation Unit (ICIU) is set-up in every polytechnic. This unit is responsible for institutional planning, monitoring curriculum implementation and to maintain the records.

2. External Academic Monitoring Committee (EAMC) - In order to ensure proper implementation of the curriculum, a committee will be formed. The members of the committee will be from other institutions. External Monitoring is performed in Even semester of the year

3. Internal Academic Monitoring Committee (IAMC) - The ex-officio members of the ICIU will form the committee for internal monitoring. This committee is expected to follow the guidelines provided by MSBTEs External Academic Monitoring norms and ensure its implementation for all the departments in the institute.

Also the Internal Academic Monitoring is conducted in Even semester of the year before External Monitoring with following gradation.

Gradation of Institutes based on the marks obtained in the Academic monitoring		
Grade	Weightage Obtained	Remarks
A	70% and More	Excellent (Issue Letter of Appreciation)
B	60% to 69%	Good
C	50% to 59%	Satisfactory
D	40% to 49%	Issue Warning
E	40% & Less than 40	Poor (Show Cause Notice)

**Table no. 2.1.1.1 MSBTE Gradation Table for G Scheme**

Sr. No	Academic Monitoring Grade	Percentage of marks obtained (Out of 250)
1	Excellent	$\geq 86\%$
2	Very Good	$\geq 71\% \text{ to } \leq 85\%$
3	Good	$\geq 56\% \text{ to } \leq 70\%$
4	Satisfactory	$\geq 40\% \text{ to } \leq 55\%$
5	Poor	$< 40\%$

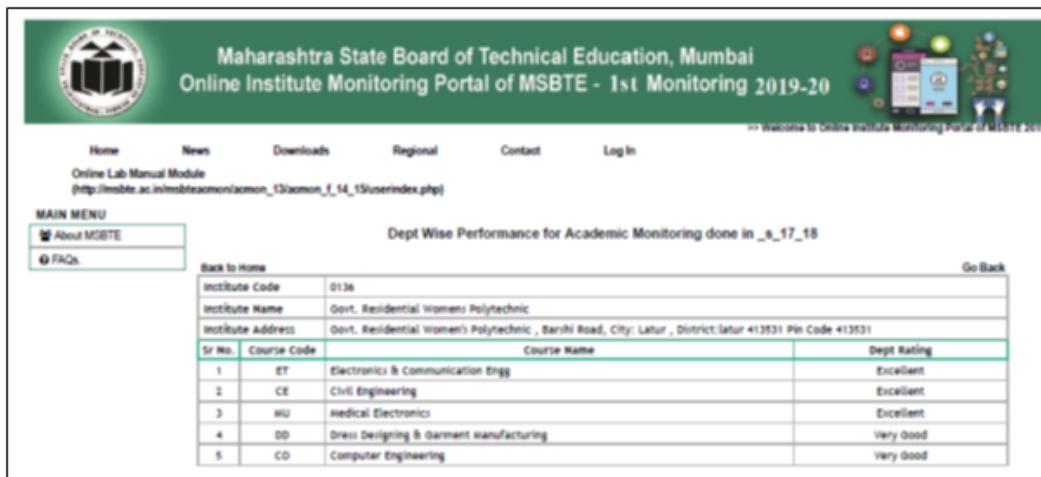


**Table no. 2.1.1.2 MSBTE Gradation Table for I Scheme**

Following **Table no. 2.1.1.2** shows grade awarded from MSBTE appointed EAMC to Computer Engineering Department.

Academic Year	EAMC Grade
2016-2017	Very Good
2017-2018	Very Good
2018-2019	Very Good
2019-2020	Excellent

**Table no. 2.1.1.2 Grade awarded from EAMC to Computer Engineering Department**



The screenshot displays the homepage of the Online Institute Monitoring Portal of MSBTE. The header includes the MSBTE logo, the portal title "Online Institute Monitoring Portal of MSBTE - 1st Monitoring 2019-20", and a welcome message. The main content area shows the "Dept Wise Performance for Academic Monitoring done in \_8\_17\_18". It lists the institute's details: Institute Code 0136, Institute Name Govt. Residential Women Polytechnic, and Institute Address Govt. Residential Women's Polytechnic, Barshi Road, City: Latur, District:Latur 413531 Pin Code 413531. Below this is a table showing the performance of various courses:

Sr No.	Course Code	Course Name	Dept Rating
1	ET	Electronics & Communication Engg	Excellent
2	CE	Civil Engineering	Excellent
3	MU	Medical Electronics	Excellent
4	DD	Dress Designing & Garment Manufacturing	Very good
5	CO	Computer Engineering	Very good

**Image no. 2.1.1.1 Academic Year 2017-2018 grade awarded from EAMC to Computer Engineering Department**

w.e.f Academic Year 2012-13

'G' Scheme

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI																
TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES																
COURSE NAME : MECHANICAL/CIVIL/CHEMICAL/COMPUTER/ELECTRONICS/ELECTRICAL ENGINEERING GROUPS																
COURSE CODE : AE/CE/CH/CM/CO/CR/CS/CW/DE/EE/EP/IF/EJ/EN/ET/EV/EX/IC/IE/IS/ME/MU/PG/PT/PS/CD/CV/ED/EI/FE/IU/MH/MI/DC/TC/TX																
DURATION OF COURSE: 6 SEMESTERS for AE/CE/CH/CM/CO/CR/CS/CW/DE/EE/EP/IF/EJ/EN/ET/EV/EX/IC/IE/IS/ME/MU/PG/PT/PS/DC/TC/TX (8 SEMESTERS for CD / CV / ED / EI / FE / IU / MH / MI)																
WITH EFFECT FROM 2012 - 13																
SEMESTER : FIRST																
DURATION : 16 WEEKS																
PATTERN : FULL TIME - SEMESTER																
SR. NO	SUBJECT TITLE		Abbre- viation	SUB CODE	TEACHING SCHEME			EXAMINATION SCHEME								
					TH	TU	PR	PAPER HRS	TH (1)		PR (4)		OR (8)		TW (9)	
1	English	ENG	17101	03	—	02	03	100	40	—	—	—	—	—	25@	10
2*	Basic Science	Physics Chemistry	EPH ECH	17102 17103	02	—	02	02	50	100	40	25@ 25@	50	20	—	—
3	Basic Mathematics	BMS	17104	04	01	—	03	100	40	—	—	—	—	—	—	—
4	Engineering Graphics	EGG	17001	02	—	04	—	—	—	50#	20	—	—	—	50@	20
5	Computer Fundamentals	CMF	17002	01	—	04	—	—	—	50#*	20	—	—	—	25@	10
6	Basic Workshop Practice (Civil Group)	WPC	17003	—	—	04	—	—	—	—	—	—	—	—	50@	20
	Basic Workshop Practice (Electrical Group)	WPE	17004	—	—	04	—	—	—	—	—	—	—	—	50@	20
	Basic Workshop Practice (Electronics Group)	WPX	17005	—	—	04	—	—	—	—	—	—	—	—	50@	20
	Basic Workshop Practice (Mechanical & Chemical Group)	WPM	17006	—	—	04	—	—	—	—	—	—	—	—	50@	20
	Basic Workshop Practice (Computer Group)	WPI	17007	—	—	04	—	—	—	—	—	—	—	—	50@	20
	<b>TOTAL</b>			<b>14</b>	<b>01</b>	<b>18</b>	—	<b>300</b>	—	<b>150</b>	—	—	—	<b>150</b>	—	<b>50</b>
Student Contact Hours Per Week: 33 Hrs.																
Theory and practical periods of 60 minutes each. Total Marks : 650																
@ Internal Assessment, # External Assessment, * On Line Examination, No Theory Examination.																
Abbreviations: TH-Theory, TU-Tutorial, PR-Practical, OR-Oral, TW-Term work, SW-Sessional Work																
➤ Conduct two class tests each of 25 marks for each theory subject. Sum of the total test marks of all subjects is to be converted out of 50 marks as sessional work (SW).																
➤ Progressive evaluation is to be done by subject teacher as per the prevailing curriculum implementation and assessment norms																
➤ Code number for TH, PR, OR and TW are to be given as suffix 1, 4, 8, 9 respectively to the subject code as mentioned.																
* Basic Science is divided into two parts- Basic Physics and Basic Chemistry. Theory examination of both parts as well as practical examination of both parts will be conducted on separate days. Sum of theory marks of both parts shall be considered for passing theory examination of Basic Science. Similarly it is also applicable to practical examination. It is mandatory to appear theory and practical examination of both parts. Remaining absent in any examination of any part will not be declared successful for that examination head.																
* Candidate remaining absent in examination of any one part of Basic Science subject i.e. Physics, Chemistry will be declared as Absent in Mark List and has to appear for examination. The marks of the part for which candidate was present will not be recorded or carried forward.																

Image no. 2.1.1.2 Teaching Scheme for G Scheme First Semester (CO1G)

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES																
COURSE NAME : COMPUTER ENGINEERING GROUP																
COURSE CODE : CO/CD/CM/CW/IF																
DURATION OF COURSE : 6 SEMESTERS For CO/CM/CW/IF ( 8 SEMESTERS for CD)										WITH EFFECT FROM 2012-13						
SEMESTER : SECOND										DURATION : 16 WEEKS						
FULL TIME / PART TIME : FULL TIME																
SR. NO.	SUBJECT TITLE	Abbrev iation	SUB CODE	TEACHING SCHEME			EXAMINATION SCHEME								SW (17200)	
				PAPER HRS.	TH (1)	TU (2)	PR (4)	Max	Min	Max	Min	Max	Min	Max		Min
1	Communication Skills \$	CMS	17201	02	--	02	03	100	40	--	--	25#	10	25@)	10	
2*	Applied Science	APH	17210	02	--	02	02	50	100	40	25@)	50	20	--	--	
	Chemistry	ACH	17211	02	--	02	02	50	100	40	25@)	50	20	--	--	
3	Programming in 'C'	PIC	17212	03	--	04	03	100	40	25#	10	--	--	25@)	10	
4	Basic Electronics	BEL	17213	03	--	02	03	100	40	--	--	--	--	25@)	10	
5	Engineering Mathematics \$	EMS	17216	03	01	--	03	100	40	--	--	--	--	--	--	
6	Development of Life Skills \$	DLS	17010	01	--	02	--	--	--	--	25@)	10	--	--	--	
7	Web Page Designing	WPD	17013	01	--	02	--	--	--	50@)	20	--	--	--	--	
				TOTAL	17	01	16	--	500	--	125	--	50	--	75	--
															50	

Student Contact Hours Per Week: 34 Hrs.

## THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH.

Total Marks : 800

@- Internal Assessment, # - External Assessment, █ No Theory Examination, \$ - Common to all branches

Abbreviations: TH-Theory, TU- Tutorial, PR-Practical, OR-Oral, TW- Term Work, SW- Sessional Work

- Conduct two class tests each of 25 marks for each theory subject. Sum of the total test marks of all subjects is to be converted out of 50 marks as sessional work (SW).

- Progressive evaluation is to be done by subject teacher as per the prevailing curriculum implementation and assessment norms.

- Code number for TH, PR, OR and TW are to be given as suffix 1, 4, 8, 9 respectively to the subject code.

- \* Applied Science is divided into two parts- Applied Science (Physics) and Applied Science (Chemistry). Theory examination of both parts as well as practical examination of both parts will be conducted on separate days. Sum of theory marks of both parts shall be considered for passing theory examination of Applied Science. Similarly it is also applicable to practical examination. It is mandatory to appear theory and practical examination of both parts. Remaining absent in any examination of any part will not be declared successful for that examination head.

- \* Candidate remaining absent in examination of any one part of Applied Science subject i.e. Physics, Chemistry will be declared as Absent in Mark List and has to appear for examination. The marks of the part for which candidate was present will not be processed or carried forward.

Image no. 2.1.1.3 Teaching Scheme for G Scheme Second Semester (CO2G)

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI														
TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES														
COURSE NAME : COMPUTER ENGINEERING GROUP														
DURATION OF COURSE : 6 SEMESTERS For CO/CM/CW/IF ( 8 SEMESTERS for CD)									WITH EFFECT FROM 2012-13					
SEMESTER : THIRD										DURATION : 16 WEEKS				
FULL TIME / PART TIME : FULL TIME														
SR. NO.	SUBJECT TITLE	Abbreviation	SUB CODE	TEACHING SCHEME			PAPER HRS.	EXAMINATION SCHEME						SW (17300)
				TH	TU	PR		Max	Min	Max	Min	Max	Min	
1	Applied Mathematics \$	AMS	17301	03	--	--	03	100	40	--	--	--	--	--
2	Data Structure Using 'C'	DSU	17330	04	--	04	03	100	40	50#	20	--	--	25(@) 10
3	Electrical Technology	ETE	17331	03	--	02	03	100	40	--	--	--	--	25(@) 10
4	Relational Database Management System	RDM	17332	04	--	04	03	100	40	--	--	25#	10	50(@) 20
5	Digital Techniques	DTE	17333	03	--	02	03	100	40	--	--	--	--	25(@) 10
6	Graphical User Interface (GUI) Programming	GUI	17026	--	--	02	--	--	--	50@	20	--	--	--
7	Professional Practices-I	PPO	17027	--	--	03	--	--	--	--	--	--	--	50@) 20
				<b>TOTAL</b>	<b>17</b>	<b>--</b>	<b>17</b>	<b>--</b>	<b>500</b>	<b>--</b>	<b>100</b>	<b>--</b>	<b>25</b>	<b>--</b>
Student Contact Hours Per Week: 34 Hrs.														
THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH.														
Total Marks : 850														
@ - Internal Assessment, # - External Assessment, [REDACTED] No Theory Examination, \$ - Common to all branches														
Abbreviations: TH-Theory, TU- Tutorial, PR-Practical, ,OR-Oral, TW- Term Work, SW- Sessional Work														
➤ Conduct two class tests each of 25 marks for each theory subject. Sum of the total test marks of all subjects is to be converted out of 50 marks as sessional work (SW).														
➤ Progressive evaluation is to be done by subject teacher as per the prevailing curriculum implementation and assessment norms.														
➤ Code number for TH, PR, OR and TW are to be given as suffix 1, 4, 8, 9 respectively to the subject code.														

Image no. 2.1.1.4 Teaching Scheme for G Scheme Third Semester (CO3G)

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI															
TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES															
COURSE NAME : COMPUTER ENGINEERING GROUP															
COURSE CODE : CO/CD/CM/CW										WITH EFFECT FROM 2012-13					
DURATION OF COURSE : 6 SEMESTERS for CO/CM/CW 8 SEMESTERS for CD										DURATION : 16 WEEKS					
SEMESTER : FOURTH										SCHEME : G					
PATTERN : FULL TIME - SEMESTER															
SR. NO.	SUBJECT TITLE	Abbre viation	SUB CODE	TEACHING SCHEME			EXAMINATION SCHEME							SW (17400)	
				TH	TU	PR	PAPER HRS.	TH (1)	PR (4)	OR (8)	TW (9)	Max	Min		Max
1	Environmental Studies \$	EST	17401	01	--	02	01	50##	20	--	--	--	--	25@ 10	
2	Computer Hardware & Maintenance β	CHM	17428	03	--	02	03	100	40	25#	10	--	--	25@ 10	
3	Computer Network	CNE	17429	03	--	04	03	100	40	50#	20	--	--	25@ 10	
4	Microprocessor and Programming β	MAP	17431	03	--	02	03	100	40	25#	10	--	--	25@ 10	
5	Object Oriented Programming β	OOP	17432	03	--	04	03	100	40	50#	20	--	--	25@ 10	
6	Computer Graphics	CGR	17056	01	--	02	--	--	--	50#	20	--	--	25@ 10	
7	Professional Practices-II β	PPT	17042	--	--	03	--	--	--	--	--	--	--	50@ 20	
				TOTAL	14	--	19	--	450	--	200	--	--	--	200 -- 50

\*\* Industrial Training (Optional) Examination in 5<sup>th</sup> Semester Professional Practices-III

Student Contact Hours Per Week: 33 Hrs.

THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH.

Total Marks : 900

@ - Internal Assessment, # - External Assessment, █ No Theory Examination, \$ - Common to all branches, ## - Online Examination,  
β - Common to IF  
Abbreviations: TH-Theory, TU-Tutorial, PR-Practical, OR-Oral, TW- Term Work, SW- Sessional Work.

\*\* Industrial Training (Optional) - Student can undergo Industrial Training of four weeks after fourth semester examination during summer vacation.

Assessment will be done in Fifth semester under Professional Practices-III. They will be exempted from activities of Professional Practices-III of 5<sup>th</sup> Semester.

- Conduct two class tests each of 25 marks for each theory subject. Sum of the total test marks of all subjects is to be converted out of 50 marks as sessional work (SW).
- Progressive evaluation is to be done by subject teacher as per the prevailing curriculum implementation and assessment norms.
- Code number for TH, PR, OR and TW are to be given as suffix 1, 4, 8, 9 respectively to the subject code.

Image no. 2.1.1.5 Teaching Scheme for G Scheme Fourth Semester (CO4G)

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI																	
TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES																	
COURSE NAME : DIPLOMA IN COMPUTER ENGINEERING																	
COURSE CODE : CO																	
DURATION OF COURSE : 6 SEMESTERS							WITH EFFECT FROM 2012-13										
SEMESTER : FIFTH							DURATION : 16 WEEKS										
PATTERN : FULL TIME - SEMESTER							SCHEME : G										
SR. NO.	SUBJECT TITLE	Abbre- viation	SUB CODE	TEACHING SCHEME			EXAMINATION SCHEME						SW (17500)				
				TH	TU	PR	PAPER HRS.	TH (1) Max	TH (1) Min	PR (4) Max	PR (4) Min	OR (8) Max		OR (8) Min	TW (9) Max	TW (9) Min	
1	Operating System $\beta$	OSY	17512	03	--	02	03	100	40	--	--	--	25@ 10				
2	Software Engineering $\beta$	SEN	17513	03	--	--	03	100	40	--	--	--	--				
3	Computer Security	CSE	17514	03	--	02	03	100	40	--	--	--	25@ 10				
4	Java Programming $\beta$	JPR	17515	03	--	04	03	100	40	50#	20	--	25@ 10				
5	Behavioural Science $\$$	BSC	17075	01	--	02	--	--	--	--	25#	10	25@ 10				
6	Windows Programming Using VC++	PWV	17076	01	--	02	--	--	--	25#	10	--	25@ 10				
7	Network Management and Administration $\beta$	NMA	17061	01	--	04	--	--	--	50#	20	--	25@ 10				
8	Professional Practices - III / Industrial Training (Optional)** $\beta$	PPT	17062	--	--	02	--	--	--	--	--	--	50@ 20				
				<b>TOTAL</b>	<b>15</b>	--	<b>18</b>	--	<b>400</b>	--	<b>125</b>	--	<b>25</b>	--	<b>200</b>	--	<b>50</b>
Student Contact Hours Per Week: 33 Hrs.																	
THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH.																	
Total Marks : 800																	
@ - Internal Assessment, # - External Assessment, [REDACTED] No Theory Examination, \$ - Common to all branches, ** Online Examination,																	
$\beta$ - Common to IF/CM/CW/CD																	
** Students who have done Industrial Training of four week after fourth semester examination during summer vacation will be exempted from some of the activities of Professional Practices-III of fifth Semester and Assessment of Industrial Training will be done in fifth semester under Professional Practices-III																	
Abbreviations: TH-Theory, TU- Tutorial, PR-Practical, OR-Oral, TW-Term Work, SW- Sessional Work.																	
➤ Conduct two class tests each of 25 marks for each theory subject. Sum of the total test marks of all subjects is to be converted out of 50 marks as sessional work (SW).																	
➤ Progressive evaluation is to be done by subject teacher as per the prevailing curriculum implementation and assessment norms.																	
➤ Code number for TH, PR, OR and TW are to be given as suffix 1, 4, 8, 9 respectively to the subject code.																	

Image no. 2.1.1.6 Teaching Scheme for G Scheme Fifth Semester (CO5G)

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES																	
COURSE NAME : COMPUTER ENGINEERING GROUP																	
COURSE CODE : CO																	
DURATION OF COURSE : 6 SEMESTERS For CO and 8 SEMESTERS for CD										WITH EFFECT FROM 2012-13							
SEMESTER : SIXTH										DURATION : 16 WEEKS							
PATTERN : FULL TIME - SEMESTER																	
SR. NO	SUBJECT TITLE	Abbrev iation	SUB CODE	TEACHING SCHEME			PAPER HRS.	EXAMINATION SCHEME						SW (17600)			
				TH	TU	PR		TH (1)	PR (4)	OR (8)	TW (9)	Max	Min		Max	Min	Max
1	Management \$	MAN	17601	03	--	--	1&½	50#*	20	--	--	--	--	--			
2	Software Testing	STE	17624	03	--	02	03	100	40	50#	20	--	--	25@ 10			
3	Advanced Java Programming β	AJP	17625	03	--	04	02	100#*	40	50#	20	--	--	50@ 20			
4	Elective (Any One)																
	Embedded System	ESY	17626	03	--	02	03	100	40	--	--	--	--	25@ 10			
	Advanced Microprocessor	AMI	17627	03	--	02	03	100	40	--	--	--	--	25@ 10			
5	Linux Programming	LPR	17816	01	--	04	--	--	--	50#	20	--	--	25@ 10			
6	Industrial Project β	IPR	17817	--	--	04	--	--	--	--	--	50#	20	50@ 20			
7	Entrepreneurship Development β	EDE	17818	01	01	--	--	--	--	--	--	--	--	25@ 10			
				<b>TOTAL</b>	14	01	16	--	350	--	150	--	50	--	200	--	50

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**Image no. 2.1.1.7 Teaching Scheme for G Scheme Sixth Semester (CO6G)**

All semester teaching scheme of Computer Engineering Program can be summarised as shown in following Table:

Semester	Teaching Scheme			No. of Courses	Students Contact Hours Per Week (TH+TU+PR)	Examination Scheme					
	TH	TU	PR			TH	PR	OR	TW	SW	Total Marks
First	14	01	18	6	33	300	150	00	150	50	650
Second	17	01	16	7	34	500	125	50	75	50	800
Third	17	--	17	7	34	500	100	25	175	50	850
Fourth	14	--	19	7	33	450	200	--	200	50	900
Fifth	15	--	18	8	33	400	125	25	200	50	800

Sixth	14	01	16	7	31	350	150	50	200	50	800
Total	91	3	104	42	198	2500	850	150	1000	300	4800

**Table no. 2.1.1.3 Summery Table**

**PO and PSO for Computer Engineering Program is listed as below :**

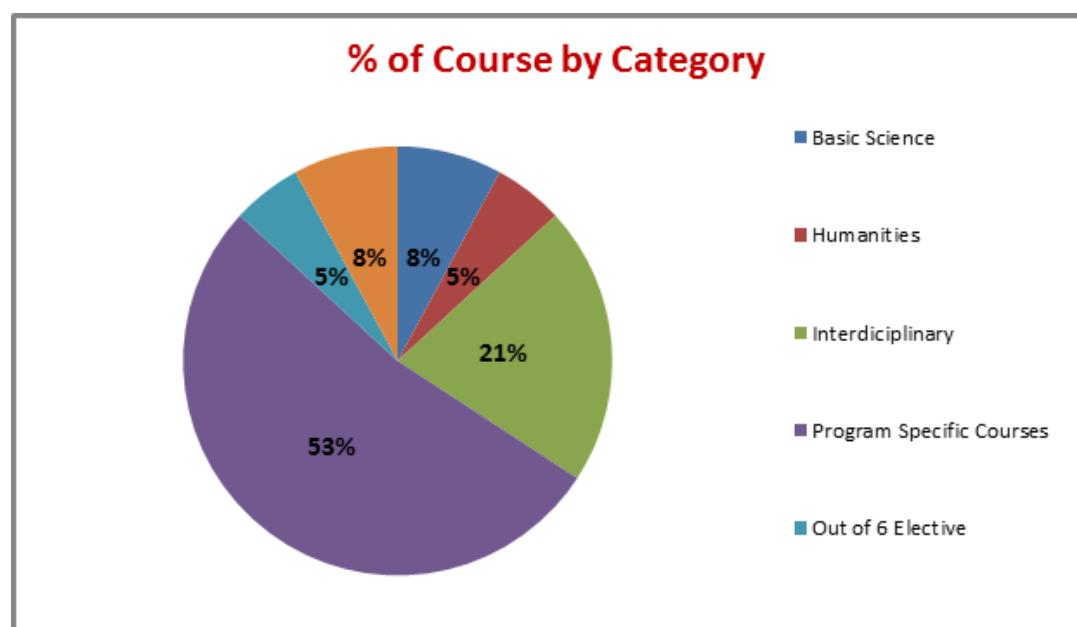
<b>POs / PSOs</b>	<b>Description of PO /PSO</b>
PO1	<b>Basic and Discipline specific knowledge:</b> Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
PO2	<b>Problem analysis:</b> Identify and analyse well-defined engineering problems using codified standard methods.
PO3	<b>Design/ development of solutions:</b> Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
PO4	<b>Engineering Tools, Experimentation and Testing:</b> Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
PO5	<b>Engineering practices for society, sustainability and environment:</b> Apply appropriate technology in context of society, sustainability, environment and ethical practices.
PO6	<b>Project Management:</b> Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
PO7	<b>Life-long learning:</b> Ability to analyse individual needs and engage in updating in the context of technological changes.
PSO1	<b>Computer Software and Hardware Usage:</b> Use state-of-the-art technologies for operation and application of computer software and hardware.
PSO2	<b>Computer Engineering Maintenance:</b> Maintain computer engineering related software and hardware systems

**Table no. 2.1.1.4 List of PO and PSO**

Computer Engineering Curriculum Grouping based on Course Categories	Number of the Courses	% of the Course	PO's	PSO's
Basic Science	03	8%	PO1, PO2, PO3	PSO1
Humanities	02	5 %	PO2, PO3, PO4	PSO1
Inter Disciplinary	08	21 %	PO1, PO2, PO3, PO4, PO5, PO7.	PSO1,PSO2
Program Specific Courses	20	53 %	PO1, PO2, PO3, PO4, PO5, PO7.	PSO1,PSO2
Elective	02	5 %	PO1, PO2, PO3, PO4, PO5, PO7.	PSO1,PSO2
Projects, Industrial Trainings/Seminars and Lab Practices	03	8 %	PO1, PO2, PO3, PO4, PO5, PO6, PO7.	PSO1,PSO2

Table no. 2.1.1.5 Mapping of POs and PSOs with Courses

Following Pie Chart shows the % of Course by its categories :



### **Phase III- Students Assessment**

Students are assessed using CIAAN 2011 Proforma's on following parameters.

1. As per academic calendar and examination scheme there are two progressive tests conducted for every course. All courses progressive test marks are filled in Proforma D6 and sent to MSBTE.
2. Term work marks given by subject teacher for each experiment on continuous assessment and skill test shall be added and converted to final marks using Proforma D4 as per teaching examination scheme and sent to MSBTE.
3. Practical work is assessed by internal and external examiner during term end examination as per examination scheme.
4. For Assessment of Practicals / Orals / Online tests /Project Examination the marks are divided in two components. The first component has marks out of 30 obtained in skill test conducted by the subject teacher and the second component has 70 marks based on actual performance in the practical or oral examination.
5. Total 100 marks are converted as per Teaching Examination Scheme in Proforma D5 and sent to MSBTE.
6. Term end examination has subjective papers as per examination scheme specified in Curriculum.

Marks obtained by the students in above assessment are used for calculating attainment.

#### **B. List the curricular gaps for the attainment of POs & PSOs (10)**

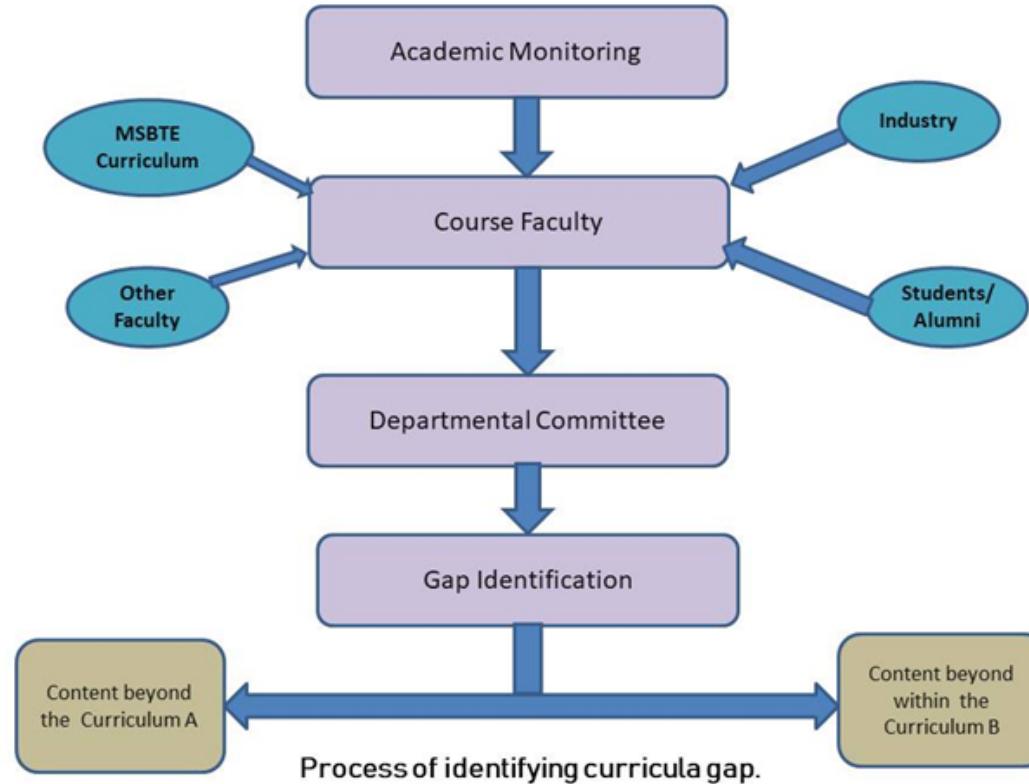
Institute Marks

10.00

For every 5 years, MSBTE revises the curriculum, after taking feedback from all the stakeholders such as course experts, industry experts, alumni and the students etc.. It is very difficult to satisfy all the needs of the industry through the curriculum. The interaction with the alumni and the industry experts reveals the weak areas in the diploma curriculum. This feedback helps to find the curriculum gap.

While implementing some curriculum gaps in CO-PO-PSO the mapping matrix is observed by the teaching faculties.

A subject teacher also undertakes the thorough study of the curriculum as a whole. Considering the POs with the less or no weightage in CO-PO-PSO matrix, interaction with the industry expert is carried out and accordingly action is planned and executed during academic session.  
The following diagram shows the process of identifying the curricular gaps. -



Here the contents beyond the curriculum A is referred to the emerging trends and technologies in Computer engineering and content within the curriculum

B refers to the contents that are missing in the curriculum.

The following Table gives the details of the gaps identified and the measures taken to satisfy the POs and PSOs.

<b>Gap. No.</b>	<b>Curricular gaps</b>	<b>Measures Taken</b>	<b>POs &amp; PSOs attained</b>
Gap 1	Within a Unit student must be aware of the concept	Teaching faculty taught the concept through theory lectures	PO1,PO2,PO3,PO7,PSO1

Gap 2	Being Women's institute women empowerment in social, health, professional aspect	Conducted health camp, expert session, personality development program, tree plantation program etc	PO5
Gap 3	Introduction to recent trends in technology	Conducted workshop, expert lectures	PO1,PO2,PO3,PO4,PO6,PO7,PSO1,PSO2

<b>2.1.2 Contents beyond the Syllabus (15)</b>	<b>Institute Marks</b>
	15.00
<b>A. Steps taken to get identified gaps included in the curriculum (eg. letters to Board) (2)</b>	<b>Institute Marks</b>
	2.00

Following faculty members of this institute have worked for curriculum revision process at various stages for MSBTE curriculum and also worked as member of program board of studies for curriculum revision of autonomous institute.

Sr. No	Name of faculty	Program	Name of organization	Nature of work
1	Smt J R Hange Head of Computer Engineering	CO	MSBTE	I-Scheme Curriculum revision and Lab manual Development.

**B. Delivery details of content beyond syllabus (10)**

Institute Marks

10.00

With fast changing technology, it is very difficult to satisfy all the needs of industry through curriculum. To keep the student updated with latest advancements and contemporary need in the field, the department conducted various activities like expert lectures, industrial visits, Karate and Yoga programs, personality development programmes etc. Table shown in bit 2.1.2C & 2.2.5.4 gives various activities conducted by the department during CAY (2019-2020), CAYm1 (2018-19), and CAYm2 (2017-18)

**C. Mapping of content beyond syllabus with the POs & PSOs (3)**

Institute Marks

3.00

**2019-20**

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	Mode	No. of students present	Relevance to POs, PSOs
1	Gap 2	Health Camp	05/03/2020	Shreyas Rotary Club Docotr	Health check up, Medical in	500	PO5
2	Gap 2	Fire Fighting Tr	17/02/2020	Dheeraj Enterprises, team,	Live Demonstration, Oral de	550	PO5
3	Gap 2	International K	08/02/2020	Shri.Datta Kadam, Pravin k	Karate Demonstration	130	PO5
4	Gap 3	Expert Lecture	27/01/2020	Mr.Shubham Jain,Software	Oral Deliberation	108	PO1, PO5
5	Gap 2	Yog Shibir	28/01/2020	Vaishali Renapure, Sunita k	Yoga Demonstration, Couns	100	PO5
6	Gap 2	Women's Emp	06/01/2020	Smt.Wadkar Madam and D	Oral Deliberation	600	PO5
7	Gap 2	Expert Lecture	11/02/2020	Prof.D.D.Date, 2.Prof.A.P.M	Oral Deliberation,PPT	60	PO7
8	Gap 3	Orientation Prc	04/01/2020	MSBTE experts	Video Lecture	43	PO1,PO2,PO3
9	Gap2	International K	13/12/2019	Shri.Datta Kadam, Pravin k	Karate Demonstration	130	PO5
10	Gap 1	Expert Lecture	21/09/2020	Mr. Solunke P.T.Software Dev	Oral Deliberation, PPT	105	PO1,PO2,PO3
11	Gap 1	Expert Lecture	21/09/2020	Mrs.Panji P.P.Software Dev	Oral Deliberation, PPT	111	PO1,PO2,PO3
12	Gap 2	STEP	24/09/2020	Mr. B. Ganesh,Thought Wo	Oral Deliberation, PPT	54	PO1,PO7
13	Gap 2	Women's Healt	08/09/2019	Dr.Shilpa Tadurwar, Suman	Oral Deliberation, PPT	530	PO5
14	Gap 2	1 day Worksho	13/01/2020	Ms. A.S.Patil, Lecturer in C	Oral Deliberation, PPT, Pract	60	PO1,PO7

2018-19

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	Mode	No. of students present	Relevance to POs, PSOs
1	gap 2	Expert Lecture I	05/07/2018	R A Kulkarni Lect ME GRW	PPT	50	PO5,PO6,PO7
2	Gap 3	Expert Lecture	25/06/2018	Ms Kagde Nikita	Oral Deliberation	90	PO1 TO PO7
3	Gap 1	Two Days Work	01/09/2018	Mr. V. Sharma Ms. V	PPT, Oral/ Practical Demo	50	PO1 TO PO7 a
4	Gap 2	Logical Thinking	26/07/2018	Mrs. V.B. Swami Director, C	PPT	66	PO5, PO6,PSC
5	Gap 3	Expert Lecture	08/01/2019	Mr. S Mahajan N	Oral Deliberation	122	PO1,PO2,PO3
6	Gap 2	Expert lecture ,	08/01/2019	Mr. B. Ganesh,Thought Wo	Oral Deliberation	62	PO1,PO2,PO3
7	Gap 3	Technical Poste	27/09/2018	Ms A.S.Patil, Lecturer, Con	Hand Made Posters	34	PO1 TO PO7
8	GAP 3	Blind Coding o	12/09/2019	Ms A.S.Patil, Lecturer, Con	Practical Deliberation	30	PO1 TO PO7
9	Gap 2	Swachhata Abl	30/08/2018	S v Chavan , A S patil, Lect	Actual Conduction	108	PO1 TO PO7 a
10	Gap 2	Women's Emp	01/07/2019	Smt.Wadkar Madam and D	Orl Deliberation	700	PO1,PO2,PO3

2017-18

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	Mode	No. of students present	Relevance to POs, PSOs
1	Gap 2	Yoga Shibir	01/08/2017	Mr. Vyankat Shinde,Executive	Yoga demonstrations	40	PO5
2	Gap 2	STEP	09/01/2018	Mr. B. Ganesh,Thought Wo	Oral Deliberation	62	PO1,PO2,PO3
3	Gap 2	Expert Lecture	19/08/2017	Mrs. Swami Varsha VA3 IT	Oral Deliberation	120	PO1,PO7
4	Gap2	Health Camp	05/01/2018	Shreyas Rotary Club of Lati	Medical check up,Pathology	500	PO5,PO6,PO7
5	Gap 3	Expert lecture ,	19/09/2017	Mr. Avinash Jadhav,	PPT and oral deliberation	60	PO1,PO2,PO3
6	Gap 1	One Day Work	29/07/2017	Mr.Abhijit More CYIN PVT L	PPT and oral deliberation	60	PO1,PO2,PO3
7	Gap 2	Expert lecture ,	20/01/2018	GRWP,Latur in association	PPT	68	PO7
8	Gap 2	Expert lecture ,	06/09/2017	Mr. Sacchinand Dhage	PPT	43	PO5,PO7
9	Gap 3	Technical Poste	29/09/2017	Mrs. A S Patil, Lecturer in C	Hand Made Posters	30	PO1,PO2,PO5

## 2.2 Teaching - Learning Process (160)

Total Marks 160.00

### 2.2.1 Describe Processes followed to ensure/improve quality of Teaching & Learning based on following points (25)

Institute Marks

25.00

## A. Adherence to Academic Calendar (3)

Institute Marks

3.00

Each year the academic calendar is designed by MSBTE. And as per the academic calendar all the scheduled activities in institute and department are conducted very strictly.

Following Image shows Academic calendar of academic year 2017-2018.

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION (Autonomous) (MOTEC 2798) 2885   ISO 9001 : 2008 Govt. Poly., 4 <sup>th</sup> floor, 4 <sup>th</sup> Kherwadi, Bandra (East), Mumbai - 400 051 Fax : 022-26477211/26477980 Web : <a href="http://www.msbte.com">www.msbte.com</a> Email : <a href="mailto:secretary@msbte.com">secretary@msbte.com</a>						
No. 10/97/25/48/Academic Calendar/2017/2018						
Academic Calendar 2017-18						
No. No.	Activities	Odd semester except First semester Period	First Semester Period	Even Semester Period	Yearly Pattern except First year Period	Yearly pattern First year Period
1.	First Term	June 13 to October 14, 2017	*July 17 to October 14, 2017	—	June 13 to October 14, 2017	*July 17 to October 14, 2017
2.	First Glass Test	August 09 to 10, 2017	August 01 to Sept 01, 2017	—	October 1 to 7, 2017	October 1 to 7, 2017
3.	Second Glass Test	October 11 to 14, 2017	October 11 to 14, 2017	—	—	—
4.	Winter Break	October 18 to 31, 2017	October 18 to 31, 2017	—	October 18-31, 2017	October 18-31, 2017
5.	Second Term	—	—	December 11 to March 24, 2018	1 <sup>st</sup> Year January 10 to 12, 2018	1 <sup>st</sup> Year January 10 to 12, 2018
6.	First Glass Test	—	—	February 01 to 05, 2018	1 <sup>st</sup> Year January 10 to 12, 2018	1 <sup>st</sup> Year January 10 to 12, 2018
7.	Second Glass Test	—	—	March 20 to 22, 2018	March 20 to 22, 2018	March 20 to 22, 2018

\* Commencement of term is immediately after the conclusion of second round of CAP.

Online Academic Monitoring Schedule					
No. No.	Activities	Odd semester except First semester Period	First Semester Period	Even Semester Period	Yearly Pattern except First year Period
1.	First Internal	September 2017, First week	September 2017, First week	September 2017, First week	September 2017, First week
2.	First External Academic committee visit & submission of report	September 2017, Third week	September 2017, Third week	September 2017, Third week	September 2017, Third week
3.	Online confirmation by Regional Review Committee	October 05, 2017	October 05, 2017	October 05, 2017	October 05, 2017
4.	Communication to affiliated institutions	October 2017, Last week	October 2017, Last week	October 2017, Last week	October 2017, Last week
5.	Second Internal	February 2018, First week	February 2018, First week	February 2018, First week	February 2018, First week
6.	Second External Academic committee visit & submission of report	February 2018, Third week	February 2018, Third week	February 2018, Third week	February 2018, Third week
7.	Online confirmation by Regional Review Committee	March 05, 2018	March 05, 2018	March 05, 2018	March 05, 2018
8.	Communication to affiliated institutions	—	—	May 2018, First week	May 2018, First week

WINTER 2017 Examination Schedule				
No. No.	Activities	Odd Semester Regular & 1 <sup>st</sup> re-exams and Even semester II candidates (except First Semester)	First Semester	Yearly pattern for II Candidates only
		Period	Period	Period
1.	Filling Examination Forms (Normal Fees)	August 10 to September 05, 2017	September 11 to 15, 2017 **	August 10 to September 05, 2017
2.	Filling Examination Forms (With regular fees + Late fees of Rs. 200/-)	September 04 to 05, 2017	September 10 to 20, 2017 **	September 04 to 13, 2017
3.	Filling Examination Forms (With regular fees + Penalty Rs. 250/-) Institute Confirmation MSBTE Confirmation	September 14 to 25, 2017	September 21 to 25, 2017 **	September 14 to 25, 2017
4.	Practical Exam	October 23 to November 04, 2017	October 30 to November 04, 2017	October 23 to November 04, 2017
5.	Theory Exam.	November 09 to November 20, 2017	November 11 to November 20, 2017	November 09 to November 20, 2017
6.	Declaration of Result	January Second week	January Second week	January Second week

\*\* Exam form will made available immediately after confirmation of Enrollment process.

Affiliation & Enrollment Schedule 2017-18			
Activities	AMETE and Non-AMETE Institutes	First Semester / Direct Second Year	First Year
	Period	Period	Period
Submission of affiliation forms	May 29 to June 15, 2017 All institutions	—	—
Enrollment of candidates	—	One week after enrollment of State CET admissions. Schedule will be notified by separate order.	—

Note :

- 1. Institutes have to take measures to conduct additional instructional days for academic activities if needed.
- 2. All type of fees & penalties shall be necessarily deposited to regional office of the Board next working day, next to the last working day.
- 3. Further the institute must ensure that after confirming the examination forms with late fees, the question paper requirement is submitted to MBBT within next day.
- 4. All Practical & term work in all subjects shall be completed with continuous assessment, as per curriculum till the end of term.
- 5. All practical & term work in all subjects shall be submitted to concerned regional office in the schedule or any activities, when to be made by the concerned regional office with intimation to head office.
- 6. The enrollment of the candidates shall remain provisioned till the approval of merit list of admitted candidates from concerned State Director of Technical Education.

( Dr. Vinod M. Mukherjee )  
Secretary  
M. S. Board of Technical Education, Mumbai

Copy to:

1. Head, District, MBBTE, Mumbai – for information purpose.
2. Dr. Secretary, CCE, MBBTE, Mumbai – for information.
3. Dr. Secretary, MBBTE Regional Office, Mumbai, Powai, Andheri, Navi Mumbai – for necessary action.
4. Deas Office D-21, D-42 & D-43 MBBTE, Mumbai – for necessary action.
5. Portal Manager, MBBTE, Mumbai – display on the website.

5

At the same time our department also prepares departmental Academic Calender keeping adherence to MSBTE Academic Calender.

Following Image shows Departmental Academic calendar of academic year 2017-2018

## Departmental Academic Calendar (A.Y. 2017-2018)

<b>Sr. no.</b>	<b>Odd Semester</b>		<b>Even Semester</b>	
	<b>Activity plan (Odd Semester)</b>	<b>Duration</b>	<b>Activity plan (Even Sem)</b>	<b>Duration</b>
1	Student admission	12/06/2017 to 18/06/2017	Student admission	04/12/2018
2	Term duration	19/06/2017 to 14/10/2017	Term duration	11/12/2017 to 24/03/2018
3	Display % Attendance of student	07/08/2017	Display % Attendance of student	03/02/2018
4	First progressive Test	09/08/2017 to 11/08/2017	First progressive Test	07/02/2018 to 09/02/2018
5	Display % Attendance of student	09/10/2017	Display % Attendance of student	17/03/2018
6	Second Progressive Test	11/10/2017 to 13/10/2017	Second Progressive Test	20/03/2018 to 22/03/2018
7	Industrial Visits plan	01/07/2017 to 07/10/2017	Industrial Visits plan	01/01/2018 to 10/03/2018
8	Expert Lectures and Workshop plan	01/07/2017 to 07/10/2017	Expert Lectures and Workshop plan	01/01/2018 to 10/03/2018
9	First Internal Monitoring	Sept. 2017, First Week	Second Internal Monitoring	Feb. 2018 First Week
10	First External Academic committee visit and report submission Monitoring	NA since department has complted 5 years of establishment	Second External Academic committee visit and report submission Monitoring	Feb. 2018 Third Week
11	Term Work Submission	04/10/2017	Term Work Submission	12/03/2018
12	Probable Provisional Detention List of students	07/10/2017	Provisional Detension List of students	15/03/2018
13	Probable Final Detention List of students	10/10/2017	Final Detension List of students	17/03/2018

14	Department meeting	Monthly one meeting	Department meeting	Monthly one meeting
15	Filling Examination form	18/08/2017 to 01/09/2017	Filling Examination form	22/01/2018 to 03/02/2018
16	Filling Examination form Institute Conformation RBTE Conformation	14/09/2017 to 22/09/2017 22/09/2017 25/06/2017	Filling Examination form Institute Conformation RBTE Conformation	15/02/2018 to 20/02/2018 20/02/2018 21/02/2018
17	Tentative Practical Examination	23/10/2017 to 04/11/2017	Tentative Practical Examination	26/03/2018 to 05/04/2018
18	Tentative Theory Examination	09/11/2017 to 30/11/2017	Tentative Theory Examination	12/04/2018 to 09/05/2018
Start of Academic Session 2017-2018 : 17/06/2018				

#### B. Use of various instructional planning and delivery methods (3)

Institute Marks

3.00

Teaching made effective by planning the various tasks and using following different delivery methods to implement planning. Record is maintained using course file of each course.

##### 1. Faculty Course files

Each course has course file consisting of Vision, Mission statement of programme, Programme Educational Objectives (PEO), Program Outcomes (PO)& Program Specific Outcomes(PSO), Course Outcome (CO) ,CO-PO mapping matrix, Individual Time table, Academic Calendar, Teaching plan (D1 format) ,Laboratory Plan (D2) ,Theory and Practical attendance, Progressive Test Analysis, Curriculum Coverage Table, D4,D5,Progressive Test Question Papers, MSBTE Course curriculum.

**D-1**  
For AICTE Diploma Courses                          With Effect From 2011-12  
**Maharashtra State Board of Technical Education**

**TEACHING PLAN (TP)**

Institute Code: \_\_\_\_\_

Course and Code : \_\_\_\_\_ Subject Code: \_\_\_\_\_

Semester : \_\_\_\_\_ Name of Faculty : \_\_\_\_\_

Chapter No. (Total Hrs.)	Title Details	Allocated Hrs. in Curriculum	Date of Commencement Topic	Date of Completion of Topic	Teaching Method / Media	Remarks
1 (7)	Topic 1 Subtopic 1.1 Subtopic 1.2	3 5				
2 (10)	Topic 1 Topic 2 Subtopic 2.1 Subtopic 2.2 Subtopic 2.3	4 6				

(Name & Signature of H.O.D)                          (Name & Signature of Staff)

**D-2**  
For AICTE Diploma Courses                          With Effect From 2011-12  
**Maharashtra State Board of Technical Education**

**LABORATORY/ASSIGNMENT /SHEET/ JOB-PROJECT ACTIVITY PLANNING (LP)**

Institute Code : \_\_\_\_\_

Course and Code : \_\_\_\_\_ Subject Code: \_\_\_\_\_

Semester : \_\_\_\_\_ Name of Faculty : \_\_\_\_\_

Sr. No.	Name of Experiment Assignment Sheet Job Project Activity	Date of Performance Planned		Date of Completion	Remark
		Batch A	A		
1		Batch B	B		
2		Batch C	C		
3					
4					
5					

Signature Name of Faculty                          Signature Name of H.O.D

Teaching plan (TP) CIAAN Format D1

Laboratory Action Plan (TP) CIAAN Format

## 2. Pedagogical Delivery Methods

- **Class room theory lectures – This method include traditional Black-board teaching method, Charts, PPT's on LCD projector, Video lectures (NPTEL).**
- **Laboratory practical session-** Laboratory session work focus on improving motor skills of students. Encourage them to work in Cognitive domain, Psychomotor domain and Affective domain. Students understand theory concepts, handle equipments, record observations, interpret the results. Students follow safety practices and learn to work in team and as an individual.
- **Simulations –** Some course practicals are performed using Simulation Softwares. Thus the students are exposed to different tools and experimentation.
- **Project –** Theory concepts are implemented in practice using Micro projects, Mini projects and Final year capstone projects. Students demonstrate the projects under the guidance of faculty.
- **Oral/ Viva-voce conduction-** It is one of the important assessment tool to get teaching – learning process feedback from students for external examiner. Students demonstrate theory and practical knowledge, for examiner queries.
- **Seminar –** Students give seminar using PPTs for project work presentation and also give seminar presentation by collecting information on any topic
- **Assignments-** Assignments are given for improvement of student performance. These are not assessed for calculating attainment.
- **Industrial Visits -** Industrial visits are organised to aware the students with industrial environment and work ethics.
- **E-Learning Resources-** Videos and E-learning resources are shown to students for exploring content beyond syllabus from experts of institutes like NPTEL (SWAYAM), Spoken Tutorial.
- **Group Discussion:** Class room group discussion activity embed professional skills in students. They are provoked to think deep, grab opportunity to express opinion while listening others. They try to update them selves to cop up with changing trends of market requirement.
- **Expert Lecture:** Industry person expert lectures, personality and enterprinuership development sessions play key role to inculcate professional skills , ethics, etiquettes in students. Students are aware of recent technology, carseer improvement parameters for being a good engineer.
- **Technical workshop:** Technical workshops introduce students recent trends in technologies and scope to improve professional skills in particular area

- **In-plant Training/ Industrial visit** - In-plant Training/ Industrial visits organised for students expose the industrial environment, safety and work culture. Students can study real time working experience, large scale production process, latest machines, Company laws and legislations, communication.
- During in-plant / industrial training, the students are exposed to the industrial environment and safety, work culture, and they come across various latest equipment / tools of electrical engineering fields. The students exposed to application of basic engineering knowledge and practices. The students come across industry (national /international) norms and standards. Students are availed an opportunity to gain Hands-on-experience, Soft skills, Communication.
- **Extra-curricular Activities:** Cleanliness campaign in department & institute, Tree plantation, Oath of equality, Voting awareness program, participation in blood donation camp, poster presentation competition, participated in project and seminar competition at different institutes, project exhibition, Elocution competition, Yoga day, sport and cultural events are celebrated to percolate the various aspect among the students.

**C. Methodologies to support weak students and encourage bright students (4)**

Institute Marks

4.00

The faculties frequently conduct meetings regarding progress of their students and identify students who scores less than 60% marks in their Class Test. Answer paper of class test are shown to individual student and thorough discussion is made in the class and doubts are cleared. Academically weak students are counseled and additional assignments and Term End Exam model answers are given to such students to improve their performance through remedial classes. Parents are also involved in counseling of such students.

Bright students are motivated to participate in various events like technical paper presentation, project competitions at Institute level, State level, National level and international level. Students grab opportunities to work as a leader or a member in organizing cultural and technical activities. Student secured with distinction in their semester exams are felicitated in the annual function to motivate them. Top student of each class are awarded with mementos.

**D. Quality of classroom teaching (3)**

Institute Marks

3.00

All Faculties make use of LCD projectors for PPT presentations. Innovative teaching methods are adopted by the faculty to improve classroom teaching. Computer aided teaching and internet facility is used by students for self-learning. Faculties also use sources like "National Programme on Technology Enhanced Learning" (NPTEL), internet sources for effective teaching. Well-structured lesson plans are prepared for all theory and practical courses on a period to period basis; these are scrutinized by Head of Department. Each department has laboratory equipped with LCD projector, Computer and internet facility.

Also Collaborative learning is reflected in the program by various group activities like group discussions, micro projects, seminars, paper presentations, Quiz Competition.

#### **Teaching - Learning Process.-**

The course teacher prepares course file for every individual course, which consist of learning resources, progressive test papers, End Semester Examination papers 2017.

The course teacher prepares teaching plan (Proforma D-1), Practical plan (Proforma D-2), Industrial visit Plan (Proforma D-7), Expert lectures plan (Proforma D-8). The course teacher selects appropriate methods of instructions to ensure meaningful learning.

The course teacher keeps the philosophy of Curriculum Design and implementation at the back of his/her mind and implement course level curriculum accordingly.

The following innovative teaching methods are adopted by the faculty:

Power point presentations are used with the help of LCD projectors for effective teaching. Question Answer session is carried out to test understanding level.

Testing of previous knowledge of previous Course to get idea for new Course or new topic.

Sources like SWAYAM, National Program on Technology Enhanced Learning (NPTEL), internet sources used by faculties for effective teaching.

#### **E. Conduct of experiments (3)**

Institute Marks

3.00

At the start of every semester faculty prepares practical / experiments plan for each batch (Format D-2).

Manuals prepared by MSBTE for all the courses are used by the students for effective implementation of experiments.

Manual contains detailed write up of each experiment so that students themselves can perform it.

In each session the faculty explains experiments to the students.

The experiments are performed by students in a 2 hours duration session.

The students perform the experiment using required software on the computers and analyse the results.

Quizzes, Viva questions are conducted at the end of laboratory sessions to improve the programming skills of the students.

Absent students are asked to perform experiments which they have not performed.

#### **F. Continuous Assessment in the laboratory (3)**

Institute Marks

Continuous assessment is done as per scheme provided in the curriculum of each course.

The laboratory works of students are assessed continuously as per format D-3 (CIAAN 2017) shown in Figure 2.9

**D-3**

For AICTE Diploma Courses				w.e.f. 2017-18 Maharashtra State Board of Technical Education Progressive Assessment of Practicals									
Academic Year:		Program:		Course:		Course Code:		Name of Faculty:-					
Semester:													
Roll No	Enrollment No	Exam Seat No	Name of the Student	Experiment/ Job/Assignment /Sheet/ Activity of Project (Marks out of 10 per Experiment)						Total Marks (10 x No. of Experiments) ( )	PA Marks of Practical Converted according to TE Scheme (Max. Marks.)		
1	2	3	4	5	6	7	8	9	10	11	12	13	14

<b>Criterion</b>	<b>Levels →</b>	<b>Excellent (4 Points)</b>	<b>Good (3 Points)</b>	<b>Satisfactory (2 Points)</b>	<b>Poor (1 Points)</b>
<i>Identification of Network components &amp; ports of computer</i>		Clearly identifies all the Network components, computer ports and shows a high level of understanding between the devices & ports.	Can identify the important components, computer ports and show understanding between the devices & ports	Identifies important components, computer ports and has difficulty to show understanding between the devices & ports	Cannot identify important components, computer ports and has difficulty to show understanding between the devices & ports
<i>Connect Computers using appropriate topologies, network devices and technologies</i>		Student has acquired necessary skills in connecting computers using suitable technology, topology and networking devices.	Shows a high level of understanding in network design, component selection, technology utilization	Understands the functionality and their applications	Demonstrates a limited understanding of the concepts
<i>Selection of various commands &amp; Configure IP address (Static/ Dynamic)</i>		Fully understands the TCP/IP commands and configure IP address and establish internet connection	High level of understanding in using TCP/IP commands and configure IP address and establish internet connection	Generally, understands TCP/IP commands & configure IP address	Very limited to TCP/IP commands & limited to configure IP address analysis
<i>Set access rights and security permissions for user to improve network security</i>		Presents clear and precise explanations and solutions for network security	Generally, understand and explain network security	Provides inadequate explanations and solutions for network security	Limited ability to express the concept. Explanations are not clear.

#### **Sample Rubrics of Data Communication & computer Network(22414)**

#### **G. Student feedback of teaching learning process and action taken (6)**

Institute Marks

6.00

At the end of each semester, all the students are required to fill a feedback-form apprising the faculty on a 4 point scale -

i.e. Very Good (3), Good(2), Satisfactory(1) and Poor(0).

The following is the Feedback Form :

**D-14**

For AICTE Diploma Courses

wf -2017-18

**Maharashtra State Board of Technical Education**

**STUDENTS FEED BACK**

(HEAD OF DEPARTMENT SHOULD TAKE THE FEED BACK AT THE END OF FIRST-CLASS TEST)

Academic Year: \_\_\_\_\_ Program: \_\_\_\_\_ Semester: \_\_\_\_\_ Date: \_\_\_\_\_

Sr no	Name of Course (TH/PR)	Name of Faculty	Each Parameter to be Assessed on the Scale of 1 to 5 (1-Lowest & 5-Highest)					Total (Max 25)
			Punctuality & Discipline	Domain knowledge	Presentation Skills & Interaction with Students	Ability to resolve Difficulties	Effective Use of Teaching Aids	

(Name and Signature of HOD)

### **Students Feedback Form**

Lecture/classes are monitored by the Head of the Department. He gives helpful/constructive comments to improve the quality of the teaching-learning process. Faculty members, who secured low scores and negative comments are instructed / guided for further improvement. Faculties are motivated to improve their skills and abilities. Also faculties are regularly deputed for training / orientation programs conducted by NITTR, Bhopal, MSBTE, Mumbai and DTE, Mumbai to master the skills and improve the efficiency of teaching-learning process.

#### **2.2.2 Initiatives to improve the quality of semester tests and assignments (15)**

Institute Marks

15.00

#### **A. Process for Internal semester question paper setting and evaluation and effective process implementation (5)**

Institute Marks

5.00

The norms (CIAAN 2017) are framed by the MSBTE to improve the quality of Progressive test and Micro project, are as follows. And followed by the

Computer Engineering Department.

For each course, two progressive assessment tests of 20 marks (max) each shall be conducted as per teaching examination scheme and MSBTE schedule.

No extra progressive assessment tests shall be conducted for candidates remaining absent

Progressive assessment test shall be of 60 minutes & 75 minutes duration for three hours end semester examination (ESE)

Test question paper shall be as per MSBTE pattern.

The question paper shall contain at least 40 % application level questions to ensure learning outcomes by the student.

Marks obtained by student in each test shall be displayed departmental notice board.

Answer books of progressive assessment tests shall be shown to the students for feedback and suggestive improvements in the Class.

The Answer books of progressive assessment Tests shall be preserved by the respective faculty till the declaration of ESE result for that course.

Every faculty must carry out an exercise of attainment of COs & POs of respective course in the progressive assessment Tests.

The micro project for 10 marks shall be assessed as per the evaluation Rubrics & Teacher evaluation sheet.

The proforma D5 shall be used for compilation of the evaluation data of progressive assessment of theory for maximum 30 marks of each course.

**Government Residential Women's Polytechnic, Latur  
Computer Engineering Department**

Semester : CG4I      Class Test 1      Marks : 20      Date : 06/02 /2020 Time : 11AM to 12PM  
Subject : Data Communication and Computer Network (DCC /22414)  
Instructions:  
1. All questions are mandatory.  
2. Illustrate your answer with neat sketches whenever necessary.  
3. Figures to right indicate full marks

**Q 1 : Attempt any four of the following (4\*2=8)**  
1) Write brief notes of communication Simplex, Half duplex, Full duplex? [CO4]  
2) Enlist four network connecting devices? [CO4]  
3) Explain types of addresses used in network? [CO5]  
4) Define the terms a) Data Rate b) Bandwidth [CO1]  
5) Define Protocol and list elements of protocol? [CO1]

**Q 2 : Attempt any three of the following (3\*4=12)**  
1) Explain guided media in detail? [CO2]  
2) With suitable diagram, describe following topologies. [CO2]  
I. STAR  
II. MESH  
III. RING  
IV. BUS  
3) Draw diagram and Explain the components of data communication? [CO1]  
4) Describe working of Frequency shift keying (FSK) and Amplitude Shift Keying (ASK)? [CO2]

\*\*\*\*\*ALL THE BEST\*\*\*\*

Question papers format of I scheme

**G- SCHEME (MSBTE)**  
**FIRST SESSIONAL TEST PAPER 2017-18**  
**GOVERNMENT RESIDENTIAL WOMEN'S POLYTECHNIC,  
Latur**  
**COMPUTER ENGINEERING DEPARTMENT**

Subject Name: MAP-17431      Class Code: CG4G  
Time : 1 Hour      Marks: 25  
Date : 07/02/2018      Time: 11:00 to 12:00

**Instructions:**  
• All questions are compulsory.  
• Figures to right indicate full marks.

**Q.No.1. Attempt Any THREE (3\*3=9)**  
1. State the functions of following pins.  
a) ALE b) READY c) HOLD and HLD/A.  
2. Enlist instruction format of 8086 microprocessor.  
3. List any six features of 8086 microprocessor.  
4. List any six differences between 8085 and 8086 microprocessor.

**Q.No.2. Attempt Any TWO (2\*4=8)**  
1. Draw and explain Flag register format of 8086 microprocessor.  
2. Draw a neat labeled pin diagram of 8086 microprocessor.  
3. Explain concept of memory segmentation with two advantages.

**Q.No.3. Attempt Any TWO (2\*4=8)**  
1. State the functions of following.  
a) Accumulator b) Stack pointer c) Program Counter d) Instruction register IR.  
2. Explain concept of pipelining with two advantages.  
3. Describe clock logic, Ready logic, RESET logic of 8284 clock generator.

\*\*\*\*\*

Question papers format of G scheme

- Each unit has course outcomes which are mapped with the unit outcomes. Based on each unit outcome question bank is prepared for each course.
- 
- The question paper is designed as per the pre-decided taxonomy level for progressive tests as prescribed in the curriculum
- 
- While designing the question papers, higher order assessment is kept in mind. The main focus of the assessment is assessing the
- 
- knowledge, relevance and application level of the course outcome. The question papers (ProgressiveTest1&2) are mapped with RUA.
- 
- While setting the question paper, question bank and previous term end examination papers are considered for reference.
- 
- 

Question papers are set by following levels of specification table as shown in Sample specification table

#### 9. SUGGESTED SPECIFICATION TABLE FOR QUESTION PAPER DESIGN

Unit No.	Unit Title	Teaching Hours	Distribution of Theory Marks			
			R Level	U Level	A Level	Total Marks
I	Basics of Control System	10	02	04	06	12
II	Time domain stability analysis	16	04	04	08	16
III	Process Controllers	08	02	04	04	10
IV	Fundamentals of PLC	12	04	04	06	14
V	PLC Hardware and Programming	18	04	06	08	18
<b>Total</b>		<b>64</b>	<b>16</b>	<b>22</b>	<b>32</b>	<b>70</b>

C. COs coverage in class test / mid-term tests and assignments (5)

Institute Marks

5.00

Government Residential Women's Polytechnic, Latur  
Computer Engineering Department

Semester : CO4I      Class Test 1      Marks : 20    Date : 06/02 /2020 Time :11AM to 12PM  
 Subject : Data Communication and Computer Network (DCC /22414)

**Instructions:**

1. All questions are mandatory
2. Illustrate your answer with neat sketches whenever necessary.
3. Figures to right indicate full marks

**Q 1 : Attempt any four of the following**

(4\*2=8)

- 1) Write in brief modes of communication Simplex, Half duplex, Full duplex? [CO4]
- 2) Enlist four network connecting devices? [CO4]
- 3) Explain types of addresses used in network? [CO5]
- 4) Define the terms a) Data Rate b) Bandwidth [CO1]
- 5) Define Protocol and list elements of protocol? [CO1]

**Q 2 : Attempt any three of the following**

(3\*4=12)

- 1) Explain guided medias in detail? [CO2]
- 2) With suitable diagram, describe following topologies,
  - I. STAR
  - II. MESH
  - III. RING
  - IV. BUS
- 3) Draw diagram and Explain the components of data communication? [CO1 ]
- 4) Describe working of Frequency shift keying (FSK) and Amplitude Shift Keying (ASK) ? [CO2]

\_\_\_\_\_ \*\*\*\*ALL THE BEST\*\*\*\* \_\_\_\_\_

### Teacher Evaluation Sheet

Prabhakar

Name of Student : kashid Sandhyarani Enrollment No : 1801360191

Name of Programme : computer Semester : CO4T

Course Title : DCC Code : 22414

Title of the Micro-Project : Sharable folder in Local Area Network

Course Outcomes Achieved :

- a) Analyze the functioning of data communication and computer network
- b) Select the transmission errors with respect to IEEE standards.
- c) Configure various networking devices.

Sr. No.	Characteristic to be assessed	Poor (Marks 1 - 3)	Average (Marks 4 - 5)	Good (Marks 6 - 8)	Excellent (Marks 9-10)	Sub Total
(A) Process and Product Assessment (Convert above total marks out of 6 marks)						
1	Relevance to the Course			✓		
2	Literature Review/information Collection				✓	
3	Completion of the Target as per project proposal				✓	
4	Completion of the Target as per project proposal			✓		
5	Quality of Prototype/Model			✓		
6	Report Preparation				✓	
(B) Individual Presentation / Viva (Convert above total marks out of 4 marks)						
7	Presentation			✓		
8	Viva					

(A) Process and Product Assessment (6 marks)	(B) Individual Presentation / Viva (4 marks)	Total Marks 10
06	04	10

Comments/Suggestions about team work/leadership/inter-personal communication (if any)

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Name and designation of the Teacher.....

Dated Signature.....

**A. Experimental methodologies (5)**

Maharashtra State Board of Technical Education, (MSBTE) Mumbai, is autonomous body of state of Maharashtra. MSBTE has designed laboratory manuals for most of the subject in curriculum. The "I" Scheme laboratory manuals are designed so that practical of subject should focus on outcomes. These manuals are designed to help all stakeholders, especially students, teachers and instructors to develop pre-determined outcomes in the students. Generally, Experiments are conducted in group of 3 to 4 students. For practical purpose, batch size of 20 students in a batch is considered. While performing experiments, special focus is given so that skills in cognitive domain, psychomotor domain and affective domain are developed in students. As experiments are designed by MBSTE, For each practical, following (for subject named – Data Structure using 'C' ) stages/steps is mentioned in laboratory manual.

- Practical Significance
- Relevant Program Outcomes
- Competency and Practical skills
- Relevant Course Outcome(s)
- Practical Outcomes(POs)
- Relevant Affective domain related Outcomes
- Minimum Theoretical Background
- Algorithm
- Flowchart
- Program Code
- Resources Required
- Precautions
- Resources Used
- Result (Output of Program)
- Conclusion
- Practical related questions
- Exercise
- References/Suggestions for further reading
- Assessment Scheme

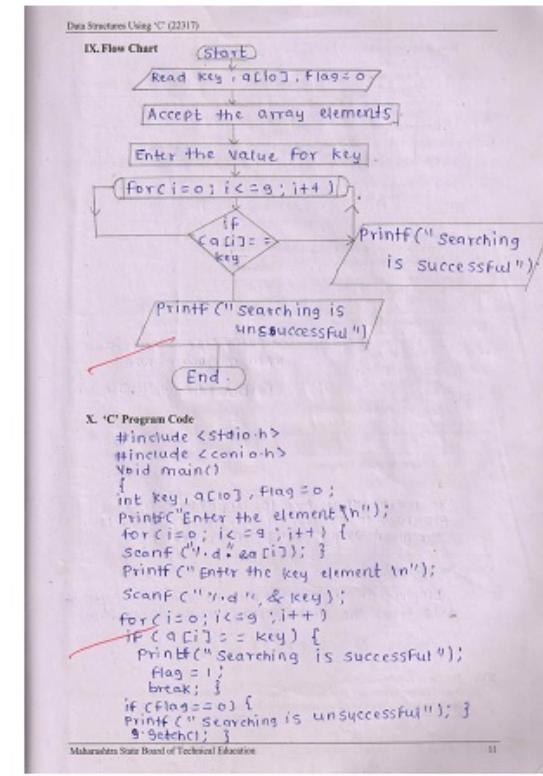
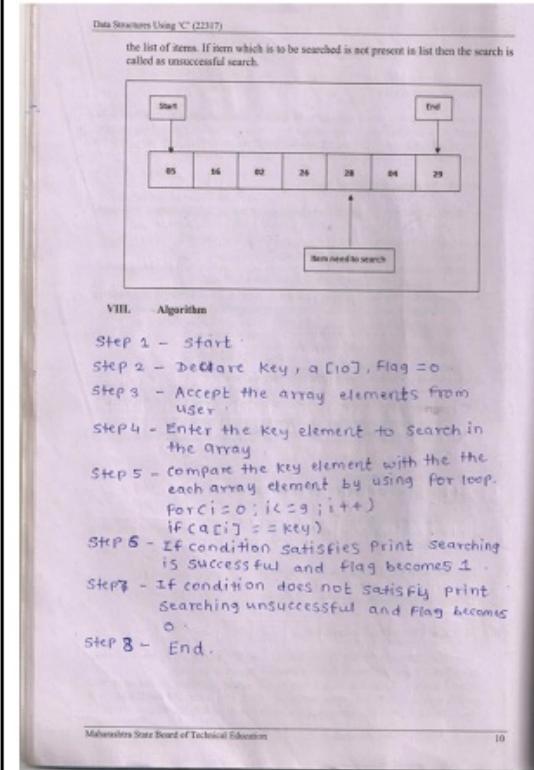
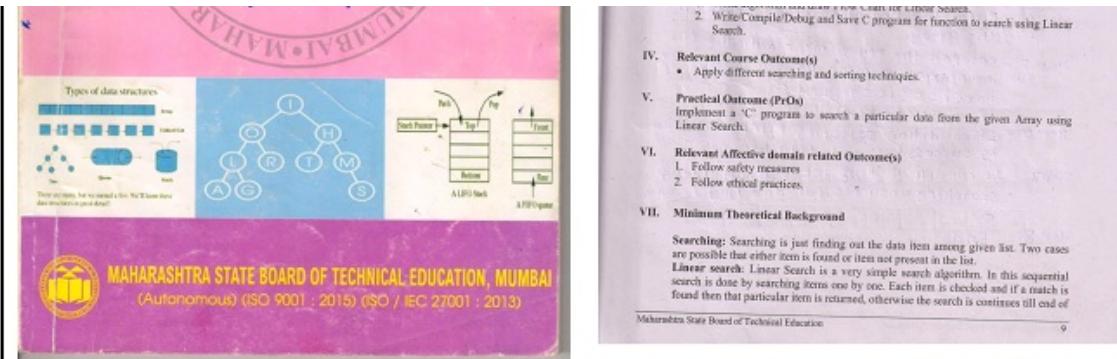
Above steps help teachers as well as students to focus on competencies for achieving outcomes. The Images on next page shows above list of stages given by MBSTE Laboratory Manual.

**Practical Significance**

In order to perform some operation on specific data element, the data has to be searched in data collection, and the system requires following a searching method. One of the most commonly used method is linear search for searching data from the given list.

**Relevant Program Outcomes (POs)**

- Basic knowledge: Apply knowledge of basic mathematics, sciences and basic engineering to solve the broad-based Computer engineering problem.
- Discipline knowledge: Apply Information Technology knowledge to solve broad-based Information Technology related problems.
- Experiments and practice: Plan to perform experiments, practices and to use the results to solve Information Technology related problems.
- Engineering tools: Apply appropriate Computer Engineering / Information Technology related techniques / tools with an understanding of the limitations.
- Communication: Communicate effectively in oral and written forms.



**Data Structures Using C (22317)**

**XI. Resources required**

Sr. No.	Name of Resource	Specification	Quantity	Remarks
1	Hardware Computer System	Computer (i3-i5 preferable), RAM minimum 2 GB onwards	As per batch size	For all Experiments
2	Operating system	Windows 7 or Later Version LINUX version 5.0 or Later Version		
3	Software	Turbo C (C++ Version 3.0 or Later Version)		

**XII. Precautions**

- Save the program in specific directory / folder.
- Follow safety practices.

**XIII. Resources used**

S. No.	Name of Resource	Specification
--------	------------------	---------------

**Data Structures Using C (22317)**

1. Linear Search is most suitable for which kind of data list?  
2. What is the output if list of item having some data item which is to be searched?

(Space for answers)

i) Expected number of comparisons required for unsuccessful search can be reduced if the array is sorted. If the key element is equal to the value of the element then search is successful. If the value of element is greater than or less than "key" then search ends unsuccessfully.  
The process terminates when the list is exhausted or the element is found.

Linear search is most suitable for unsorted array or random elements.

ii) Each record is uniquely identified by elements.

1	Computer System with broad specifications	Computer (i3-i5 Preferable), RAM minimum 2GB
2	Software	Turbo C/C++ Version 3.0.
3	Any other resource used	—

XIV Result (Output of the Program)

We learnt that how to implement a C program to search a particular data from the given array using linear search.

XV Conclusion(s)

Implement a C Program to Search a Particular data from the given array using Linear Search.

XVI Practical Related Questions

Note: Below given are few sample questions for reference. Teacher must design more such questions so as to ensure the achievement of identified CO.

Maharashtra State Board of Technical Education 12

its key field and searching is carried out on the basis of key field. If the list of item having same data item which is to be searched, then the search operation is said to be successful.

XVII Exercise

1. Consider following list to perform Linear Search.  
56, 26, 89, 56, 01, 86, 67, 29  
i. Search the item 01 from above list and write the item is found or not with procedure.  
ii. Search the item 55 from above list. Write the item is found or not with procedure.  
2. State the limitations of Linear Search in terms of Time Complexity.

(Space for answer)

Maharashtra State Board of Technical Education 13

Data Structures Using 'C' (222317)

XVIII References / Suggestions for further Reading

- [https://www.tutorialspoint.com/data\\_structures\\_algorithms/linear\\_search\\_algorithm.htm](https://www.tutorialspoint.com/data_structures_algorithms/linear_search_algorithm.htm) (as on 17/1/2018)
- <https://www.youtube.com/watch?v=hi-IwJRQ1-s>
- <https://www.youtube.com/watch?v=two5WAldDks>

XIX Assessment Scheme

Performance indicators Process related(10 Marks)		Weightage
1	Debugging ability	30%
2	Follow ethical practices.	20%
Product related (15 Marks)		10%
3	Correctness of algorithm	70%
4	Correctness of Program codes	15%
5	Quality of input/output messaging and output formatting	25%
6	Timely Submission of report	5%
7	Answer to sample questions	5%
Total (25 Marks)		100%

List of Students /Team Members

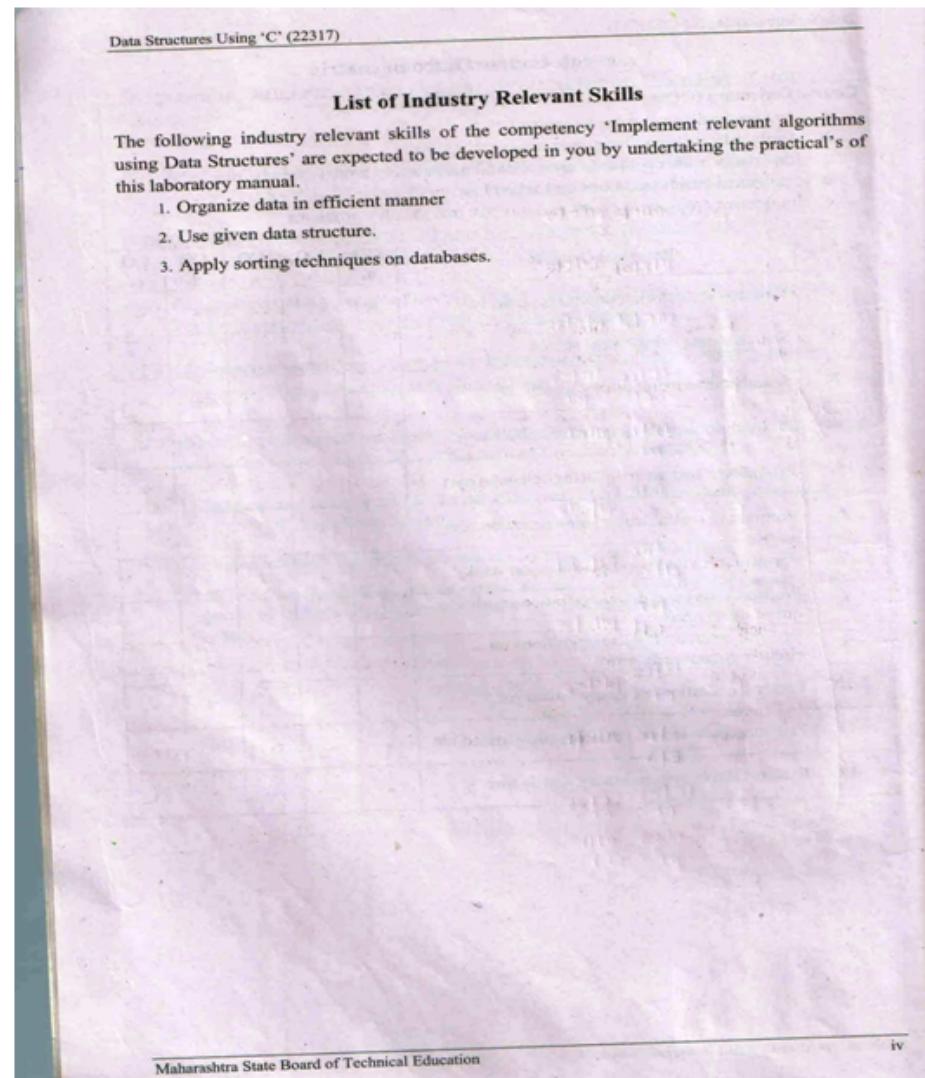
- Birajdar N. S.
- Birajdar S. U.
- Andhare P. B.
- Jadhav D. T.

Marks Obtained			Dated signature of Teacher
Process Related(10)	Product Related(15)	Total(25)	
10	14	24	86

Maharashtra State Board of Technical Education 15

Picture : Laboratory manual and steps in experiment

The laboratory manuals of subject also contain List of industry relevant skills. Following image shows Laboratory manual page of subject “Data Structures using C”



**Picture: Laboratory manual page of “Data Structures using C” showing list of industry relevant skills**

Computer engineering program have many subjects which are programming oriented. These programming subjects are practical oriented and these require programming (coding) standards to be followed. Programming standards like Indentation rules, Proper comments in code, Naming conventions for local variables, global variables, constants and functions etc are industry attached best practices that students do follow. The image on next page shows list of industry relevant skills of “Object Oriented Programming Using C++”. These industry relevant skills are given by MSBTE in respective subject laboratory manual.

### List of Industry Relevant Skills

The following industry relevant skills of the competency to develop applications using OOPs concepts in C++ are expected to be developed in you by undertaking the practical's of this laboratory manual.

1. Develop an application by implementing Inheritance.
2. Develop an application by using Polymorphism.
3. Use appropriate File handling operations for developing applications.

Picture: Laboratory manual page of “Object Oriented Programming using C++” showing list of industry relevant skills

#### C. Relevance to outcomes (5)

Institute Marks

5.00

As the laboratory manuals are designed by MSBTE, all experiments are mapped to outcomes of particular course. The Picture on next page shows Course outcome matrix. Here, for the subject, ‘Data Structures using C’ All COs are listed as a,b...e and all practical's are mapped to these COs.

**Practical- Course Outcome matrix****Course Outcomes (COs)**

- a. Perform basic operations on arrays.
- b. Apply different searching and sorting techniques.
- c. Implement basic operations on stack and queue using array representation.
- d. Implement basic operations on Linked List.
- e. Implement program to create and traverse tree to solve problems.

S. No.	Practical Outcome	CO a.	CO b.	CO c.	CO d.	CO e.
1.	Program to perform operations on array	✓	-	-	-	-
2.	Search a data using linear search	-	✓	-	-	-
3.	Search a data using binary search	-	✓	-	-	-
4.	Program to sort an array using bubble sort	-	✓	-	-	-
5.	Program to sort an array using selection sort	-	✓	-	-	-
6.	Program to sort an array using insertion sort	-	✓	-	-	-
7.	Perform push and pop operations on stack	-	-	✓	-	-
8.	Perform insert and delete operations on linear queue using array	-	-	✓	-	-
9.	Perform insert and delete operations on circular queue using array	-	-	✓	-	-
10.	Perform operation on singly linked list	-	-	-	✓	-
11.	Perform operation on circular singly linked list	-	-	-	✓	-
12.	Perform traversing on binary search tree	-	-	-	-	✓

**Picture : Course Outcome matrix for subject "Data Structures using C"**

**1. Identification of Project and Allocation methodology (3)**

- Every final year student undergoes project which should be completed in V<sup>th</sup> & VI<sup>th</sup> semester of Third year.
- At the beginning of 5th semester, a group of 3-4 students are formed. A guide is allocated to each project group by Head of Department.
- Students are asked to come up with different ideas of their own area of interest.
- Each group selects multiple topics in their area of interest and the latest trends/demands in the IT industry.
- Students are encouraged frequently to go for application based project which is useful to the society, industry and institute/organization.
- Each group do thorough discussion with their guide and then finalize the topic.
- Selected Topic of each group is approved by Head of the Department.
- The faculties encourage students to avail the external funding schemes for their project work.
- All the faculties motivates all students to participate in Paper Presentations, Quiz Competitions, Project exhibitions,etc which is aimed to provide common platform to exhibit their innovations and work towards excellence in latest technology.

**Following is list of Projects in CAYm1 2018-2019**

Group No	Roll No.	Name of students	Project Name	Name of Guide
01	1305	Birajdar Shivkanya R.	Online College Magazine	Smt. J.R. Hange
	1306	Birajdar Shrushti M.		
	1351	Suryawanshi Rani A.		
	1302	Bansode Pallavi M.		
02	1354	Tandale Harshita P.	Classroom Management System	Smt.R.D.Kasar (Patil A.S.)
	1347	Rodake Sakshi M.		
	1329	Karpe Sonali S.		
	1307	Choudari Sneha S.		
03	1342	Patil Vishakha	Online Alumni System	Mr. S.V. Chavan
	1357	Tekale Sayali		
	1355	Tawade Poonam		
	1362	Jamadar Ruksar		
04	1310	Divate Vaishali V.	Online Feedback Analysis	Smt. M.G.Mulge
	1370	Lagade Pradya M.		
	1328	Karande Mandikini B.		
	1349	Suryawanshi Akanksha		
05	1332	Kshirsagar Rajani V.	Online Quiz Application	Smt. J.R. Hange
	1312	Gavare Anjali N.		
	1304	Birajadar Madhuri M.		

	1331	Koyale Shradha S.		
06	1327	Kamble Vaishnavi S.	Result Analysis System	Smt. M.G.Mulge (Patil A.S.)
	1314	Gomare Gauravi S.		
	1319	Jadhav Mayuri S.		
	1309	Dhumal Susmita M.		
	1316	Gore Rajeshri B.		
07	1320	Jadhav Sejal B.	Hotel Management System	Mr. S.V. Chavan
	1313	Ghawalkar Shradha R.		
	1344	Phulmante Pritilda P.		
	1334	Kurud Shrineeta S.		
08	1301	Apsingkar Sunayana S.	Visiting Staff Billing System	Smt. M.G.Mulge
	1339	Mudhalkar Dipali P.		
	1335	Malwadkar Priyanka M.		
	1358	Udgire Swati B.		
09	1323	Kale Mohini J.	Industrial Training Management Systems	Smt.R.D.Kasar
	1303	Biradar Shahubai A.		
	1308	Dalvi Ashwini S.		

Table No. 2.2.4.1 : List of Projects in CAYm1 2018-2019

#### B. Types and relevance of the projects and their contribution towards attainment of POs and PSOs (5)

Institute Marks

5.00

Third Year Projects will develop following abilities in the students -

1. Better Communication
2. Identification of Future Problems
3. Work in Groups
4. Enhancement in technical Skills by hands on practice
5. Developing leadership qualities
6. Implementation of acquired knowledge in developing project.
7. Composing project report with proper documentation skills

Project work is ultimate indicator for sprout of attributes which are expected by PO/PSO.

Hence there is a high level of resemblance with All POs and PSOs. Table 2.2.4B gives list of project and POs/PSOs is covered.

Gr_No	Project Name	Guide Name	Type of Project	PO &PSO covered
1	Online College Magazine	Mrs.J.R.Hange	Application	PO1,PO2,PO3,PO4, PO6,PO7, PSO1,PSO2
2	Classroom Management System	Ms.R.D.Kasar	Product	PO1,PO2,PO3,PO4,PO6, PO7, PSO1,PSO2
3	Online Alumini System	Mr.S.V.Chavan	Application	PO1,PO2,PO3,PO4, PO6,PO7, PSO1,PSO2
4	Online Feedback Analysis	Ms.M.G.Mulge	Application	PO1,PO2,PO3,PO4, PO6,PO7, PSO1,PSO2
5	Online Quiz Application	Mrs.J.R.Hange	Application	PO1,PO2,PO3,PO4,PO6, PO7, PSO1,PSO2
6	Result Analysis System	Ms.M.G.Mulge	Product	PO1,PO2,PO3,PO4,PO6,PO7, PSO1,PSO2
7	Hotel Management System	Mr.S.V.Chavan	Product	PO1,PO2,PO3,PO4,PO6,PO7, PSO1,PSO2
8	Visiting staff billing format	Ms.M.G.Mulge	Product	PO1,PO2,PO3,PO4,PO6,PO7, PSO1,PSO2
9	Industrial training and Management	Ms.R.D.Kasar	Application	PO1,PO2,PO3,PO4, PO6,PO7, PSO1,PSO2

10	Hospital Management System	Mrs.J.R.Hange	Product	PO1,PO2,PO3,PO4,PO6,PO7, PSO1,PSO2
11	Dead stock Management System	Ms.R.D.Kasar	Product	PO1,PO2,PO3,PO4, PO6,PO7, PSO1,PSO2
12	College Gate Entry Management	Mr.S.V.Chavan	Application	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PSO1,PSO2
13	E-waste Collection	Ms.R.D.Kasar	Product	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PSO1,PSO2
14	Student Bonafied System of G.R.W.P.L	Ms.M.G.Mulge	Application Base	PO1,PO2,PO3,PO4,PO6,PO7, PSO1,PSO2
15	Society Management System	Mr.S.V.Chavan	Product	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PSO1,PSO2
16	Employee Salary Management System	Mrs.J.R.Hange	Product	PO1,PO2,PO3,PO4,PO6,PO7, PSO1,PSO2
17	Hospital Information &Traking System	Mr.S.V.Chavan	Application Base Project for local Hospitals	PO1,PO2,PO3,PO4,PO5,PO6,PO7, PSO1,PSO2
18	I Scheme Practical Examination Management System	Ms.R.D.Kasar	Product	PO1,PO2,PO3,PO4, PO6,PO7, PSO1,PSO2
19	MSBTE Attendence System For I Scheme	Ms.M.G.Mulge	Application	PO1,PO2,PO3,PO4, PO6,PO7, PSO1,PSO2

**C. Process for monitoring and evaluation (5)**

Institute Marks

5.00

Project work is carried out for fifth and sixth semester

#### **Part I- Project work monitored for fifth semester :**

- Project supervision is done by project guide allotted to each group.
- Project guide give advises on any technical aspects regarding chosen project.
- Students should meet their project guide at least once in a week to discuss project progress.
- Initially, guide will assess whether project ideas are suitable, and help to improve them where needed.
- The group is provided internet facility for searching project work area. The project group shortlist few project ideas and come to finalization with the guide.
- After finalization of topic, student performs literature survey
- During fifth semester respective guide do the continuous assessment ascertaining contribution of individual in fulfilling the task during practical hours allocated.
- Each group shall prepare Project Diary with Name of Project, Name of Students in group, their attendance, and progress and get assessed from guide from time to time during project hours.
- At the end of 5th semester, each project batch submits the action plan and abstract of the project along with list of materials required, if project involves fabrication or other facilities required for different kinds of projects.
- Project Synopsis is prepared and submitted at the end of the V<sup>th</sup> Semester

#### **Part II- Project work monitored for sixth semesters**

- Actual implementation i.e. the logical and physical design of the project is done in the sixth semester during the allotted hours in the time table with the guidance of respective guides.
- As per the feedback received in fifth semester students should revise the their project plan, if anyone needed and should get approved by project guide.
- Dated project diary is also maintained in this semester indicating all activities conducted by students every week and should get signed by project guide at regular intervals for progressive assessments.
- A final project report is prepared with proper documentation in design and installation procedures.

#### **Project Evaluation**

- The continuous evaluation of individual progress shall be followed
- External examiner and guide shall jointly evaluate the project.
- Evaluation is based on continuous assessment at each step of project starting from finalization of project, related literature survey, procurement of material, design of project, implementation, testing, performance, observations, results, their interpretation and analysis.
- Project evaluation is also based on "Project Report Writing"
- In addition to writing the report, students are assessed by their ability to present project.

<b>Teaching and Examination Scheme:</b>									
Teaching Scheme			Examination Scheme						
TH	TU	PR	PAPER HRS	TH	PR	OR	TW	TOTAL	
--	--	04	--	--	--	50#	50@	100	

#### **D. Process to assess individual and team performance (5)**

Institute Marks

5.00

Individual assessment and team performances is done by considering the following factors:-

- Individual presentations of on the project topic
- Internal continuous assessment
- Work done by individual for developing project
- Active Participation in group
- Monitoring and evaluation of individual and team by the guide.
- Presentation of the topic in front of external examiner and answers given by the individual students to the External Examiner at the time of Viva-voce during term end examination.

#### **11. PROGRESSIVE ASSESSMENT (PA) GUIDELINES AND CRITERIA**

The assessment of the students in the fifth semester Progressive Assessment (PA) for 25 marks is to be done based on following criteria.

S. No.	Criteria	Marks
1	<b>Problem Identification/Project Title</b>	
2	<b>Industrial Survey and Literature Review</b>	
3	<b>Punctuality and overall contribution</b>	<b>10</b>
4	<b>Project Diary</b>	
5	<b>Report writing including documentation.</b>	<b>10</b>
6	<b>Presentation</b>	<b>05</b>
<b>Total</b>		<b>25</b>

#### **12 END-SEMESTER-EXAMINATION (ESE) ASSESSMENT CRITERIA**

The assessment of the students in the fifth semester end-semester-examination (ESE) for 25 marks is to be done based on following criteria. This assessment shall be done by the HOD/Senior Faculty in the presence of Project guide.

S. No.	Criteria	Marks
1	<b>Report writing including documentation.</b>	<b>10</b>
2	<b>Presentation</b>	<b>15</b>
<b>Total</b>		<b>25</b>

**Image 2.2.4.2 Progressive Assessment & ESE Assessment Criteria of V<sup>th</sup> sem**

**Criteria of Marks for PA for Capstone Project -Execution and Report Writing.**

S. No.	Criteria	Marks
1	Project Proposal /Identification	10
2	Punctuality and overall contribution	
3	Project Diary	
4	Execution of Plan during sixth semester	20
5	Project Report including documentation	15
6	Presentation	05
<b>Total</b>		<b>50</b>

**7.2 END SEMESTER EXAMINATION (ESE)**

Evaluation shall be carried out according to following criteria. For each project, students from the concerned group should be asked to make presentation of their project , in front of the external and internal examiners which should be followed by question answer session to ascertain the contribution made by each student.

**Criteria of Marks for ESE for Capstone Project -Execution and Report Writing**

S. No.	Criteria	Marks
1	Project Proposal	05
2	Punctuality and overall contribution	
3	Project diary	
4	Execution of Plan during sixth semester	10
5	Project Report including documentation	10
6	Presentation	10
7	Question and Answer	15
<b>Total</b>		<b>50</b>

**Image 2.2.4.2 Progressive Assessment & ESE Assessment Criteria of VI<sup>th</sup> sem**

Annexure- A  
**CERTIFICATE**

This is to certify that Mr./Ms.....  
from (institute)..... having Enrolment No: .....

has completed *Project Planning Report* having title .....

Individually/ in a group consisting of..... Candidates under the guidance of the  
Faculty Guide.

Name & Signature of Guide.....

.Name & Signature of HOD:.....

**Image 2.2.4.3 Annexure-A**

Appendix-B  
Evaluation Sheet (ESE)

for  
Capstone Project Planning

Name of Student: ..... Enrollment No. ....

Name of Program..... Semester: .....

Course Title and Code:.....

Title of the Capstone Project: .....

**A. POs addressed by the Capstone Project (Mention only those predominant POs)**

- a) .....
- b) .....
- c) .....
- d) .....

**B. COs addressed by the Capstone Project (Mention only those predominant POs)**

- a) .....
- b) .....
- c) .....
- d) .....

**C. Other learning outcomes achieved through this project**

**1. Unit Outcomes (Cognitive Domain)**

- a) .....
- b) .....
- c) .....
- d) .....

**2. Practical Outcomes (in Psychomotor Domain)**

- a) .....
- b) .....
- c) .....
- d) .....

**3. Affective Domain Outcomes**



**Image 2.2.4.4 Evaluation Sheet for Capstone Project Planning**

a) .....  
 b) .....  
 c) .....  
 d) .....

PROGRESSIVE ASSESSMENT (PA) Sheet			
S. No.	Criteria	Max Marks	Marks Obtained
1	<b>Problem Identification/Project Title</b>		
2	<b>Industrial Survey and Literature Review</b>	10	
3	<b>Punctuality and overall contribution</b>		
4	<b>Project Diary</b>		
5	<b>Report writing including documentation.</b>	10	
6	<b>Presentation</b>	05	
<b>Total</b>		<b>25</b>	

Name and Signature of Project Guide:

**Image 2.2.4.5 Progressive Assessment Sheet for Capstone Project Planning**

<u>Appendix-C</u>					
SUGGESTED RUBRIC FOR ASSESSMENT OF CAPSTONE PROJECT					
S. No.	Characteristic to be assessed	Poor	Average	Good	Excellent
1	<b>Problem/Task Identification (Project Title)</b>	Relate to very few POs Scope of Problem not clear at all	i. Related to some POs ii. Scope of Problem/Task vague	i. Take care of at-least Three POs ii. Scope of Problem/task not very specific	i. Take care of more than three POs ii. Scope of problem/task very clear
2	<b>Literature Survey /Industrial Survey</b>	Not more than ten sources (primary and secondary), very old reference	At-least 10 relevant sources, at least 5 latest	At-least 15 relevant sources, most latest	About 20 relevant sources, most latest
3	<b>Project proposal</b>	Methods are not appropriate, All steps not mentioned, Design of prototype not started (if applicable).	Appropriate plan but not in much detail. Plan B for critical activities not mentioned. Time line is not developed. Design of Prototype is not complete. (if applicable)	Appropriate and detailed plan with Plan B for critical activities mentioned, but clarity is not there in methods, time line is given but not appropriate. Design of prototype is not detailed (if applicable)	Appropriate and detailed plan with Plan B for critical activities mentioned, clarity in methods with time line, Detailed design of prototype (if applicable)

S. No.	Characteristic to be assessed	Poor	Average	Good	Excellent
4	<b>Project Diary</b>	Entries for most weeks are missing. There is no proper sequence and details are not correct.	Entries for some weeks are missing, details are not appropriate, not signed regularly by the guide.	Entries were made every week but are not in detail. Signed and approved by guide every week	Entries were made every week in detail, signed and approved by guide every week
5	<b>Final Report Preparation</b>	Very short, poor quality sketches, Details about methods, material, precaution and conclusions omitted, some details are wrong	Detailed, correct and clear description of methods, materials, precautions and	Conclusions. Sufficient Graphic Description.	Very detailed, correct, clear description of methods, materials, precautions and conclusions. Enough tables, charts and sketches
6	<b>Presentation</b>	Major information is not included, information is not well organized .	Includes major information but not well organized and not presented well	Includes major information and well organized but not presented well	Well organized, includes major information ,well presented
7	<b>Question and Answer session</b>	Could not reply to considerable number of question.	Replied to considerable number of questions but not very properly	Replied properly to considerable number of question.	Replied to most of the questions properly

**Image 2.2.4.6 Rubrics for Assessment of Capstone Project**

**Appendix D**  
**Suggestive Project Diary format**

Week no:
Activities planned:
Activities Executed:
Reason for delay if any
Corrective measures adopted
Remark and Signature of the Guide



**Image 2.2.4.7 Project Diary Format**

---

**E. Quality of deliverable, working prototypes (12)**

Institute Marks

12.00

Students deliver their projects through project reports in following format.

#### **Project- Planning Report**

- Title Page
- Certificate (As per Annexure A)
- Acknowledgement
- Abstract
- Content Page

#### Chapters

Chapter -1 Introduction ( background of industry or user based problem)

Chapter -2 Literature Survey for problem identification and specification

Chapter -3 Scope of project

Chapter -4 Methodology

Chapter -5 Details of designs,working and processes

Chapter -6 Result and Applications

Chapter -7 Conclusions And future scope

- Appendix(if any)

- References and Bibliography

Working of prototype is demonstrated to guide in mid sessions, to head of the department during submissions. Hon. Principal encourage students for demonstration. During end semester exam students are assessed based on demonstration of prototype and oral examination.

#### **F. Papers published /Awards/ Recognition received by projects at State/ National level (5)**

Institute Marks

5.00

NIL

#### **2.2.5 Industry Interaction and Industry Internship/Training (30)**

Institute Marks

30.00

#### **A. Industry supported Labs (2)**

Institute Marks

2.00

NIL

#### **B. Delivery of appropriate Course work by Industry experts (5)**

Institute Marks

5.00

Industry institute interaction is essential for ensuring that practice meets theory across all functional areas. Industry interaction with institute is regarded as the part of the curriculum as it gives students an insight into the regular, internal workings of a company. Although industry supported labs are lacking in the institute, experts from industry are invited to interact with students and faculty. Experts from industries are invited to conduct expert lectures for the students on the new recent emerging technologies and also on the application of course relevant topic in industry.

Maharashtra State Board of Technical Education (MSBTE) has decided to make the curriculum more suited to industry needs. Students are also deputed to undergo short duration industrial training (1 to 4 weeks) preferably in vacation period during second/third year of study as per MSBTE directives. In the “I” scheme curriculum of MSBTE industrial training for students is made compulsory to develop professional as well as practical skills in the students. So Computer Engineering Department in new OBE curriculum depute the students to industry for 6 weeks “In-Plant Training” immediately after their 4 th semester examination is over. The “In-Plant Training” is a separate course ,whose assessment will be done during 5th semester and it is one of the compulsory diploma award course. In Computer Engineering Department Industry Institute Interaction is done with following ways:-

- i. Expert lecture of Industry Persons
- ii. Arranging workshops of Industrial Experts
- iii. Signing MoU's with Industry
- iv. Industrial Visits

This section explores different activities conducted by department to have more industry-institute interaction

To strengthen the industry institute interaction Computer department has signed Memorandum of Understanding (MOUs) with few industries.

List of MoU with industry for enhancing industry institute interaction

Sr.No.	Name and Address of Industry	Duration of MoU in Years	Date On which MoU Signed	Date of Expiry	Activities under MoU
1	VA3 IT Services Pvt. Ltd. Latur	3 Years	11-Aug-16	23-Mar-19	
2	Synechis Aquilam Solutions Pvt.Ltd,Pune	3 Years	24-Aug-16	23-Mar-19	
3	CYIN Solutions Pvt. Ltd.Pune	3 Years	11-Jan-17	23-Mar-19	
4	Mindlabz Software Solutions Pvt. Ltd. Latur	3 Years	03-Oct-18	03-Oct-21	
5	INGenious TechnoHub Pvt.Ltd.Latur	3 Years	26-Feb-19	26-Mar-22	
6	INLight Technology Pvt,Ltd.Latur	3 Years	26-Feb-19	26-Mar-22	

**Table No 2.2.5.1 List of MoU with industry**

Under the MoU following projects are sponsored by different Company

Sr No.	Acedemic Year	Name of Project	Sponsored Company
1	2019-2020	Job Portal	INGenious Technology Pvt. Ltd,Latur
2		GRWPL Web Portal	
3		Function Hall Booking in Latur	

4		News Portal	Mindlabz Software Solutions Pvt.Ltd,Latur
5		Online Exam	INLight Technology Pvt.Ltd,Latur
6		Joinsta Community Collaboration Platform	Oriange VA3 Pvt Ltd,Latur
1	2018-2019	Result Analysis System	Mindlabz Software Solutions Pvt.Ltd Latur
2		Online Feedback System	
3		Student Bonafied System of GRWPL	IngeniousTechnohub Pvt Ltd,Latur
4		Visiting Staff Bill Format	

**Table No 2.2.5.2 Sponsored Projects by different company**

Sr.	Academic year	Topic of Course Work	Action Taken	Date-Month- Year	Resource Person with Designation
1	2019-2020	Opportunities in IT Industry	Expert Lecture	27-01-2020	Mr.Shubham Jain,Software Engineer,Exl Software Solutions Pvt,Ltd. Pune
2		Ethical Hacking	Expert Lecture	21-09-2020	Mr. Solunke P.T.Software Developer,Icons Team Pvt.Ltd
3		Internet of Things	Expert Lecture	21-09-2020	Mrs.Panji P.P.Software Developer,Icons Team Pvt.Ltd.
4		STEP	Expert Lecture	24-09-2019	Mr. B. Ganesh, Managing Director,Thought Works Chennai
1	2018-2019	Logical Thinking & Left Brain Activation	Expert Lecture	26-07-2018	Mr. Menkudale, Mr. Avinash Jadhav , Managing Director,Mindlabz Software Solutions Latur , Mrs. Varsha Swami, Managing Director, Oriange IT Services Pvt. Ltd. Latur
2		Java & Database	Workshop	1/9/2018 to 2/9/2018	Mr. V. Sharma ,Ms. Veena, Software Developer, Infosys Pvt. Ltd. Pune
3		Web Technologies	Expert Lecture	08-01-2019	Mr. S Mahajan ,Mr. Trimukhe
4		STEP	Expert Lecture	24-09-2019	Mr. B. Ganesh, Managing Director,Thought Works Chennai
1	2017-2018	Career Opportunities in IT Industry	Expert Lecture	18-08-2017	Mrs. Swami Varsha, Managing Director , VA <sup>3</sup> IT Services Pvt. Ltd. Latur- 413531
2		Internet Security	Workshop	29-07-2017	Mr.Abbijit More, Software Engineer , CYIN PVT Ltd.Pune

3	Basic Concept of ASP.Net	Expert Lecture	19-02-2017	Mr. Avinash Jadhav, Mr.Mangesh Gahirwar MINDLABZ S/W Solutions Pvt Ltd ,Latur
4	STEP	Expert Lecture	24-09-2019	Mr. B. Ganesh, Managing Director, Thought Works Chennai

**Table 2.2.5.3 List of Expert Lectures & Workshops**

**C. Industrial visits/tours for students (3)**

Institute Marks

3.00

Industrial visits provide students an insight regarding internal working of companies. We know theoretical knowledge is not enough for making a good professional career. With an aim to go beyond academics, industrial visit provides student a practical perspective on the world of work. It provides students with an opportunity to learn practically through interaction, working methods and employment practices. Minimum three industrial visits are organized per year. Table 2.2.5.4 gives list of industries visited during last three years and picture 2.2.5.1 & 2.2.5.2 gives evidences of visit.

Year	Sr.No.	Name of Industry	Class	Date
2019-2020	1	BSNL-Bharat Sanchar Nigam Limited Latur	CO3I	08-08-2019
	2	Arty Offset Industry,Latur	CO2I	07-02-2020
	3	Operand Technology & IT Solutions Pvt.Ltd, Latur	CO6I	15-02-2020
2018-2019	1	BSNL-Bharat Sanchar Nigam Limited Latur	CO5G	04-09-2018
	2	Arty Offset Industry,Latur	CO3I	25-09-2018
	3	Print Pack Business Forms Pvt.Ltd	CO2I	31-01-2019
2017-2018	1	BSNL - Bharat Sanchar Nigam Limited Latur	CO6G	08-09-2017
	2	Mindlabz Software Solutions Latur	CO5G	18-09-2017
	3	Mindlabz Software Solutions Latur	CO3G	09-10-2017

**Table 2.2.5.4 Industrial Visits**



**Picture 2.2.5.1: Industrial Visit at Arty Offset Industry**



**Picture 2.2.5.2: Industrial Visit at BSNL Latur**

**D. Industrial training/ internship (5)**

Institute Marks

5.00

In the new curriculum revision implemented from 2017-18 (I Scheme), implant training is mandatory after 4<sup>th</sup> Semester and before 5<sup>th</sup> Semester. The total duration is 40 days. All the students have to undergo this training. The assessment of implant training is done

Weighted mean score	S. No. & (Rank No.) of Report	Industry Questionnaire S.No.	Course Title	Teaching Scheme/Week			Credit (L+T +P)	Examination Scheme			
				L	T	P		Theory ESE	Practical PA	Grand Total	
MSBTE guidelines and industry feedback	Industrial Training (during summer break after IV semester)	-	-	6^	6^	-	-	75	75	150	

1. Students have undergone summer internship training at various industries in Latur and Pune
2. For academic year 2018-19 & 2019-2020 all second year students are deputed for six weeks industrial training.
3. Following are the details of students those were deputed for internship during period from 7-05-2019 to 20-06-2019 in various industrial organizations in academic year 2018-2019

Students have completed their industrial training in following industry in Academic Year 2018-2019

Sr. No.	Company Name	Company Sector	Incorporation	Status	Period of Training	No of Students
1	Mindlabz Software Solutions, Latur	Web,Android, Desktop Applicaton	Private	Completed	(6 Weeks) 7 May 2019 to 20 June 2019	12
2	Mindlabz Software Solutions, Pune	Web,Android, Desktop Applicaton	Private	Completed		6
3	Om Sai Infotech,Latur	Hardware & networking	Private	Completed		8
4	INGenious Technohub Pvt.Ltd.Latur	Software Developoment	Private	Completed		12
5	Inlight Technology Latur	Software & Web Development	Private	Completed		16
6	VA3 Oriange IT Service Latur	Software Developoment	Private	Completed		16

Table 2.2.5.5 Industrial Training Academic year 2018-2019

Students are taking industrial training in following industry in Academic Year 2019-20

Sr. No.	Company Name	Company Sector	Incorporation	Status	Period of Training	No of Students
1	Mindlabz Software Solutions, Latur	Web,Android, Desktop Applicaton	Private	Ongoing	(6 Weeks) July 2020 to August 2020	15
3	Om Sai Infotech,Latur	Hardware & networking	Private	Ongoing		14
4	INGenious Technohub Pvt.Ltd.Latur	Software Developoment	Private	Ongoing		13

5	INLight Technology Latur	Software & Web Development	Private	Ongoing	14
6	Operand Technologies Pvt.Ltd	Software Developoment	Private	Ongoing	10

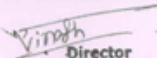
**Table 2.2.5.6 Industrial Training Academic year 2019-2020**

(SIS)

### Industry Profile Registration

Institute Code	0186																																																					
Institute Name	Government Residential Chambers Road, GRWP, Lotus Baoshi Road, MICO 418512																																																					
Institute Address																																																						
Name of Company	MindLabz Software Solutions Pvt. Ltd.																																																					
Address of Company	Baoshi Road, Lotus																																																					
Email Address of Company	mindlabzsoftware@gmail.com																																																					
Contact Number of Company	+919028818856																																																					
Pin Code of Company	418512																																																					
Location Details	Near Gayatri Hospital, Baoshi Road Latur																																																					
Enter Area of Specialization of Company	Web, Android, Desktop Application																																																					
Name of Contact Person	Mr. Arinash U. Jadhav																																																					
Designation of Contact Person	CEO / m. d																																																					
Email of Contact Person	avijadhav@mindlabzsoftware.com																																																					
Contact Number of Contact Person	+919960044986																																																					
Type of Product	Service Industry/Manufacturing Industry																																																					
Type of Control	Government/PSU/Private																																																					
Type of Company	Large Scale/Medium Scale/ Small Scale																																																					
Total Number of Employees in Company	15																																																					
Region in which company reside	Mumbai/Pune/Nagpur/Aurangabad/ Nashik/ Amravati																																																					
Whether willing to offer industrial training facility during May/June for Diploma in Engineering Students	Yes/No																																																					
Whether company offer 6 weeks training?	Yes/No																																																					
<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Programme</th> <th>Civil Engineering Group</th> <th>Mechanical Engineering Group</th> <th>Electrical Engineering Group</th> <th>Computer/IT Engineering Group</th> <th>Electronics Engineering Group</th> <th>Chemical Engineering Group</th> <th>Textile Engineering Group</th> <th>Instrumentation Engineering Group</th> <th>Other</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Male</td> <td></td> <td></td> <td></td> <td>—</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>—</td> </tr> <tr> <td>Female</td> <td></td> <td></td> <td></td> <td>35</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>35</td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> <td>35</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>35</td> </tr> </tbody> </table>	Programme	Civil Engineering Group	Mechanical Engineering Group	Electrical Engineering Group	Computer/IT Engineering Group	Electronics Engineering Group	Chemical Engineering Group	Textile Engineering Group	Instrumentation Engineering Group	Other	Total	Male				—						—	Female				35						35	Total				35						35										
Programme	Civil Engineering Group	Mechanical Engineering Group	Electrical Engineering Group	Computer/IT Engineering Group	Electronics Engineering Group	Chemical Engineering Group	Textile Engineering Group	Instrumentation Engineering Group	Other	Total																																												
Male				—						—																																												
Female				35						35																																												
Total				35						35																																												

.MindLabz Software Solution Pvt.Ltd.

  
 Director  
 Seal & Signature of Industry Person



Willingness shown by industry as above number of students, but can allocate upto 12 girl students

**Image 2.2.5.1 Industry Profile Registration**

Consent Letter from parents/guardians

To,

The Principal,

GRIAPL,

**Subject:** Consent for Industrial Training.

Sir/Madam,

I am fully aware that-

1) My ward Kamble poonam D, studying in V<sup>th</sup> semester at your GRIAPL institute has to undergo six weeks of Industrial training for partial fulfillment to words completion of Diploma in Computer Engineering.

2) For this fulfillment he/she has been deputed at orange vacub industry, located at \_\_\_\_\_ for industrial training of 06 weeks for the period from \_\_\_\_\_ to \_\_\_\_\_

With respect to above I give my consent for my ward to travel to and from the mentioned industry.  
Further I undertake that-

a) My ward will be entirely under the discipline of the organization where he/she will be placed and will abide by the rules and regulations in force of the said organization.

b) My ward is not entitled to any leave during training period.

c) My ward will submit regularly a prescribed weekly dairy, duly filled and countersigned by the training supervisor of the organization to the mentor faculty of the polytechnic

d) My ward will undergo the training at his / her own cost and risk during training and/or stay.

I have explained the contents of the letter to my ward who has also promised to adhere strictly to the requirements. I assure that my ward will be properly instructed to take his own care to avoid any accidents/injuries in the industry.

Date: 16/5/2019

Place: Latur

Signature of Parent/Guardian: Dinkar.

Name: Kamble Dnyanoba Nivoutti

Address: Ra. Handegulli Ta.udgir dist.Latur

Phone Number: 9049947077

**Image 2.2.5.2 Parent Consent Letter**



## शासकीय निवासी महिला तंत्रनिकेतन, लातूर

GOVT. RESI. WOMEN'S POLYTECHNIC,

BARSHI ROAD, LATUR- 413 531

Tel (02382) 221184 (O), 221175 (P), Fax- 02382-221175

E-mail : office.grwplatur@dtmh.maharashtra.gov.in, 0136principal@msbte.com,

DTE Code No.:2016

0136office@msbte.com

MSBTE Code No.:0136



NO.GRP/COMP/INDST.TRA /2019/ 331

DATE:-

15 FEB 2019

To,

The HR Manager,  
Mindlabz Software Solutions,  
Barshi Road , Latur -413531

Subject: Placement for Industrial training of 6 weeks in your organization.

Reference: Your consent letter No.GRWPL/COMP/INDST.TRA/2018/1955 Date 12 DEC 2018

Sir/Madam,

With reference to the above we are honored to place the following students from this institute for industrial training in your esteemed organization as per the arrangement arrived at.

Diploma programme in Computer Engineering.

Sr. No.	Roll No	Enrolment no.	Name of student	Faculty Mentor with Mobile No.
1	20	1701360165	JAMALPURE POOJA DATTARAYA	
2	35	1701360191	MORE TANVI SUDHIR	Ms. R D Kasar 8830002347
3	03	1701360148	BHALEKAR MANISHA RAMBHAO	
4	29	1701360179	LOHARE MANSI SATISH	
5	19	1701360164	JAKKALWAD ARUNA MADHUKAR	
6	10	1701360155	GANGAPURE SHUBHANGI BANDAPA	
7	09	1701360206	DHESHMANE SUMMAIYA SIDHARAM	
8	08	1701360153	CHOUTEWAR VAISHNAVI BALAPRASAD	
9	48	1701360180	SHETE SUBHANGI BASWARAJ	Ms. M G Mulge 9325568028
10	11	1701360156	GAVALI SNEHAL BALAJI	
11	42	1701360144	PHAD YASHASHREE R	
12	26	1701360174	KULKARNI PRATIKSHA SANTOSH	

Kindly do the needful and oblige.

Thanking you,

Yours sincerely,

Dr. A.M.Agarkar  
(Principal)  
Govt.Resi.Women's Poly Latur



Image 2.2.5.3 Placement Letter

**Weekly Diary**  
for  
**Industrial Training**  
at

Name of industry: .....

From ..... To.....

Name of Supervisor: .....

Designation of Supervisor: .....

Name of the Student: ..... Enrollment No.: .....

Branch of Engineering: .....

Name of Polytechnic.....

**(Special instructions to students:**

- 1) Write down the daily activity on the same day
- 2) Make note of the important actual activity/ies only.
- 3) Summarize at the week -end.
- 4) Add extra sheets if needed for daily or weekly activity report.)

**Week 1: From..... To.....**

**Expected Work:**

- i. Study of organization chart of industry/plant with responsibilities of the different posts
- ii. General Study of industry, its location, its history and its product range, its size, number of employees, its turnover etc.

Day	Activities carried out
1	
2	
3	
4	
5	
6	

Weekly summarization of the above activities:

**Image 2.2.5.4 Weekly Diary**

**E. Post training/ internship Assessment (10)**

Institute Marks

10.00

- After the completion of 6 weeks Industry Internship / Training, students are briefed about the training and the asked to submit report after the completion.
- Internships are having a weightage of 150 marks in term end exam of Vth semester
- The student is assessed by mentor faculty during each week of training.
- Final evaluation of students is done by industry supervisors and external examiner during term end exam through presentation and viva- voce, and training report submission
- Image 2.2.5.5 gives proforma for progressive assessment and end semester assessment of industrial training

**Format 4**  
**Evaluation Sheet for PA of Industrial Training**

Academic Year 2019-20

Name of Industry:- InGenious Techinohub Private Ltd., Barshi Road Latur

Sr. No	Enrollment Number	Name of Student	Marks (5 marks for each Week ) by Mentor & Industry Supervisor Jointly	PA Marks by Industry Supervisor	PA Marks by Mentor Faculty	Total Marks
				Out of 30 (A)	Out of 25 (B)	Out of 20 (C)
1	1701360173	KSHIRSAGAR NIKITA B	29	24	19	72
2	1701360168	KAMBALE DIKSHA K	28	23	19	70
3	1701360182	SOMAWANSHI SUCHITA S	29	24	19	72
4	1701360193	SURYAWANSHI SNEHA M	29	23	19	71
5	1701360161	INGALE SANSKRUTI A	29	24	19	72
6	1701360177	LADKE SHRADHHA R	29	24	19	72
7	1701360181	SHINDE PRIYANKA N	28	23	19	70
8	1701360195	PARDE PALLAVI R	28	23	19	70
9	1701360194	PANDHARE PRADNYA D	29	24	19	72
10	1701360171	KAMBLE SAYLI S	28	23	19	70
11	1701360190	SURYAWANSHI POOJA D	29	23	19	71
12	1701360149	BIDARKAR VAISHNAVI D	28	24	19	71

(A) Marks for PA are to be awarded out of 5 for each week considering the level of completeness of activity observed, from the daily dairy maintained.

(B) Marks are to be awarded by Industry Supervisor on the basis of General Observation and behavioral aspects of students.

(C) Marks are to be awarded by Mentor faculty on the basis of report, understanding level and work performance of students.

Signature -

Name and Designation  
of the Mentor/Faculty

S V CHAVAN

Signature-

Name and Designation  
of the Industry Supervisor

V. C. THAKUR  
CEO

**Image 2.2.5.5 Evaluation sheet of PA for Industrial Training**



## शासकीय निवासी महिला तंत्रनिकेतन, लातूर

GOVT. RESI. WOMEN'S POLYTECHNIC,  
BARSHI ROAD, LATUR- 413 531  
Tel (02382) 221184 (O), 221175 (P), Fax- 02382-221175  
E-mail : grwpl\_ltr@rediffmail.com

जा.क.शानिमतला / ITR / 2019 / 1057  
दि. 10 / 07 / 2019.

प्रति,  
मा. उपसचिव,  
म.रा.तं.शि. मं. विभागीय कार्यालय,  
औरंगाबाद.

विषय:- I Scheme अभ्यासक्रमातील 5 व्या सत्रातील Industrial Training या  
विषयाची परीक्षेसाठी तज्ज्ञ वाहय परीक्षक नेमणे वावत.

संदर्भ:- जा.क. / मरातंशिम / का-40 / परीक्षा / लले / उप / 19 / 2019 / 096 / दि.  
05 / 07 / 2019.

महोदय,

उपरोक्त संदर्भीय विषयानुसार, I Scheme अभ्यासक्रमातील 5 व्या सत्रातील  
Industrial Training या विषयाच्या परीक्षेसाठी खालील वाहय तज्ज्ञ परीक्षक यांची  
नेमणुक करण्यात येत आहे.

अ.क्र	वाहय विषय परीक्षक यांचे नाव	विभाग	परीक्षेचा दिनांक
1	श्री. विशाल मोरे, सॉफ्टवेर डेव्हलपर आयकॉन टीम प्रायवेट लिमिटेड, लातूर.	संगणक, अभियांत्रिकी	दि. 11 / 07 / 2019
2	श्री. दिलीप मुरे आस.इंजिनिअर, एरिगेशन विभाग, लातूर.	स्थापत्य अभियांत्रिकी	दि. 11 / 07 / 2019
3	श्री.तिवारी एच.डी. Sr.Sub.Divisional Engg. BSNL लातूर.	अणुविद्युत अभियांत्रिकी	दि. 15 / 07 / 2019.

तरी उपरोक्त विषय तज्ज्ञानां Industrial Training ची परीक्षा घेणेसाठी  
मान्यता: मिळावी ही दिनंती. जेणे करून विद्यार्थीनींची परीक्षा घेणे सोईचे होईल.  
आपल्या माहितीसाठी व पुढील योग्य त्या कार्यवाहीसाठी सविनय सादर.

प्राचाय,  
शासकीय निवासी महिला तंत्रनिकेतन, लातूर.

Image 2.2.5.6 Appointment Letter for Industrial Training Exam

**F. Contribution to Community related projects/activities (5)**

Institute Marks

5.00

Almost all final year projects are application based and some are related to social development. Following table shows the list of Community related projects

Sr No.	Name of Project	Sponsored Company
1	Job Portal	IngeniousTechnology Pvt,Ltd
2	Function Hall Booking in Latur	IngeniousTechnology Pvt,Ltd
3	News Portal	Mindlabz Software Solutions Pvt.Ltd
4	Joinsta Community Collaboration Platform	Oriange VA3 Pvt Ltd
5	City Information System	NA
6	Online Alumni System	NA

**Table 1: Community related projects****2.2.6 Information Access Facilities and Student Centric Learning Initiatives (15)**

Institute Marks

15.00

**A. Availability of facilities & Effective Utilization; specify the facilities, materials and scope for self-learning, Webinars, NPTEL Podcast, MOOCs etc (10)**

Institute Marks

10.00

The various facilities, reason for creating these facilities and utilization status is given in below mentioned table.

Sr. No	Name of Facility	Reasons for creating facility	Utilization
1	ICT Enabled Laboratory	The main aim of creating this facility is to facilitate students to use ICT tools in learning process. This facility will improve knowledge retention among students. This facility helps both students and teachers. Teacher can use resources to enhance the traditional ways of teaching and to keep students more engaged.	Utilized on sharing basis among all three years of classes

2	Webinar facility	MSBTE, at state level, organizes webinars from time to time for students as well as teachers.	Utilized at Institute level
3	Video lecture facility	A Setup of Ceiling Mounted Projector, Personal Computer with Internet facility and Speakers is created so that students can get together and watch video lectures created by MSBTE / Subject Expert resource person.	Utilized at Program level
4	Internet connectivity in Internet lab, Programming lab, Operating System Lab, Software development lab	This facility helps students to get connected to Internet world. Students get more knowledge about recent technological trends, open source soft wares and tools,MSBTE educational websites etc. A setup of 70+ Personal Computers is available with Internet facility in each pc for students educational purpose only.	Utilized by students of all three years of course
5	Delnet library network facility	Institute has active Delnet subscription. The Idea behind subscription of DELNET, is to give exposure of worldwide e-contents to students and teachers. Students can get exposure to E-contents, E-books, articles on any topic in any domain. Online Databases, Language learning portal, videos, Ancient Manuscripts and rare books etc are available on DELNET	Used by teachers and students from institute
6	Departmental library	The department has books related to the curriculum and also some books which will help them to gain extra knowledge. These books are issued to the students. These books are used by students for reference purpose.	Utilized by students of all three years of course
7	NPTEL Videos - Local Storage	Two hard-disks contains NPTEL video lectures as local storage. These hard-disks are shared with Electronics department. Video lectures of respective subject are copied on a pc and shown to students	Hard-Disk-Drives are utilized on shared basis with Electronics department
8	Seminar-PowerPoint presentation facility	This facility helps students to give seminar power point presentation on various topics related to academics as well as their projects.	Utilized at Program level
9	Book Bank facility	Book bank facility is created at institute level for students. This allows students to use books for a semester and return back books to library after semester exams are over	Utilized at Institute level

Above is the list of facilities created for students development purpose.

Following Pictures shows the effective utilization of some of above facilities.



Picture :ICT Enabled lecture to students by M G Mulge, Lecturer in CO, GRWP Latur

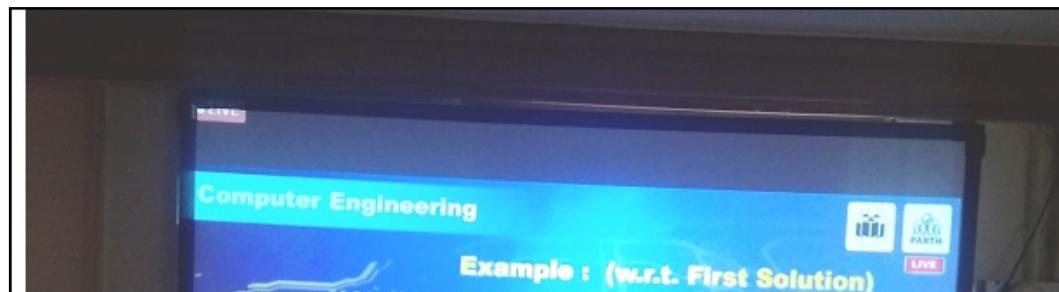


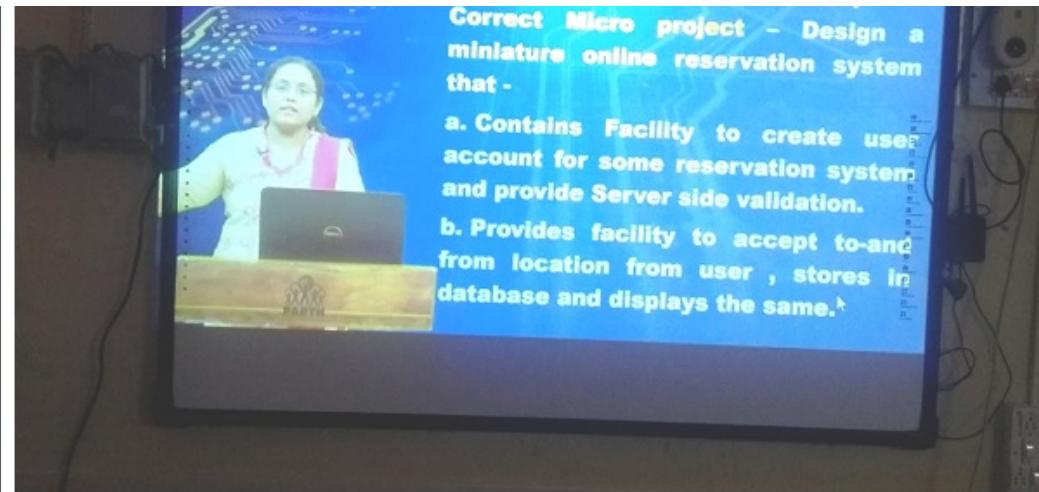


Picture : Use of ICT tools for delivering Expert lecture

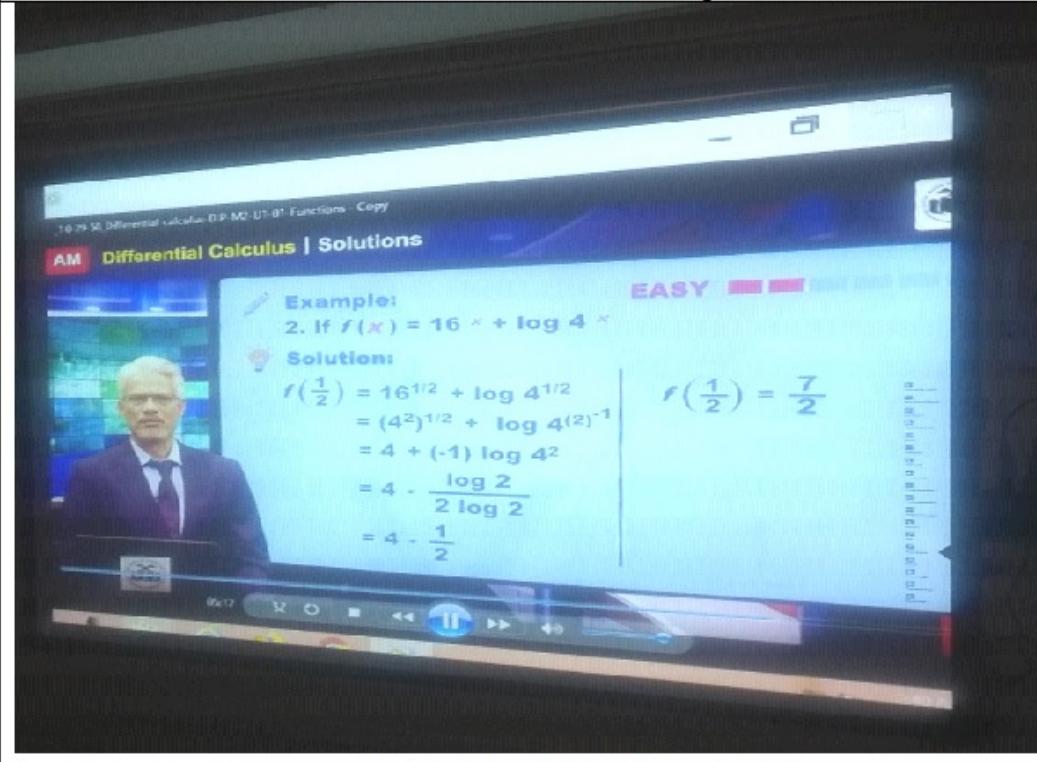


Picture : ICT enabled lecture delivery method





Picture : Use of ICT tools for delivering LIVE Webinar



Picture : Utilization of Video Lecture facility

Computer engineering program at Government residential women polytechnic, Latur organizes various program level activities for student centric learning. These initiatives are like organizing various quiz competitions, Poster presentation competitions, Blind programming competitions etc. These competitions allow students to improve Teamwork and Collaboration, Increasing Intrinsic Motivation, Enhancing Beneficial Peer Comparisons, Facilitating Growth Mindsets. Below mentioned are some Student Centric Learning Initiatives taken.

Sr. No	Learning Initiatives Taken	Used ICT Tools / E-resources / Remarks
1	Organizing seminar on Project Topics	Students do use Projector and PowerPoint tools for preparing seminar presentations. While Preparing PPT, they can also search more references using E-books, DELNET library, Expert made PPTs or Journals etc.
2	Technical Poster Presentation Competition	Technical Poster Presentation competitions allow students to work in team. Find out more information about given topics using ICT technologies. They also learn how to present a topic within given time slot. Generally, topics based on recent technologies like Data Mining, Internet of Things, Cyber Security, Artificial Intelligence etc are given to students so that they do more literature survey on topics using internet.
3	Quiz competitions on various thrust areas	Projector is used to show questions to students and answer to question are given by students after reading question on screen
4	Blind Programming Competitions	In this initiative, All monitors are switched off and students are given programming problem statement. After a student successfully writes the program, screen is turned on and output of given problem statement is seen on screen. In this, a personal computer set is used by a student independently.
6	Encourage students to participate in various state level competitions	Continuous encouragement is given to students to participate in various competitions at state level events. All activities like searching for a particular event on college website, applying it etc requires ITC tools.

The Effective implementation status of some of the above activities is show below by pictures.



Picture : Blind Programming Competition - PCs are ON and Screens are OFF

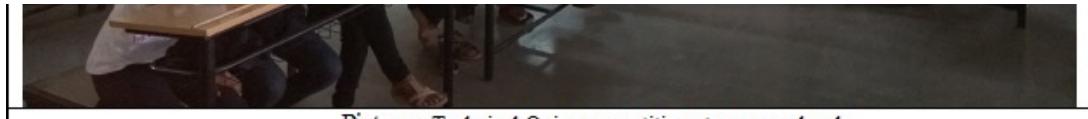


Picture : Blind Programming Competition at Program level

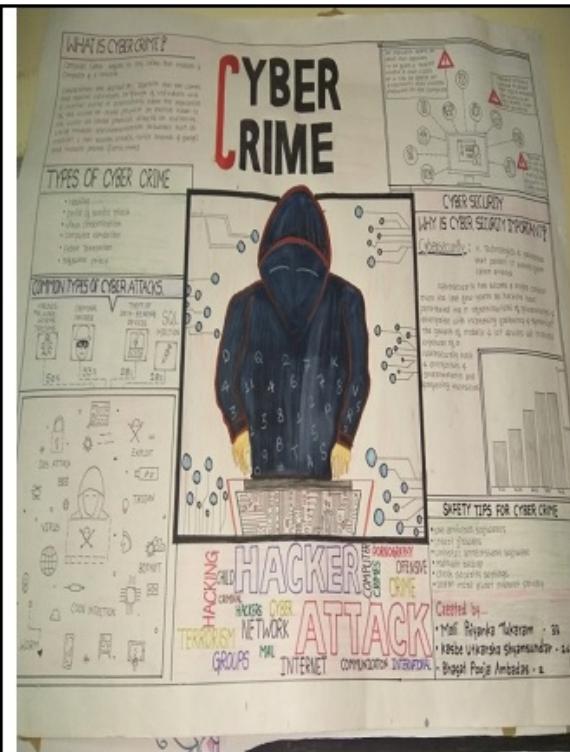


Picture : Use of Projector tool for Quiz competition





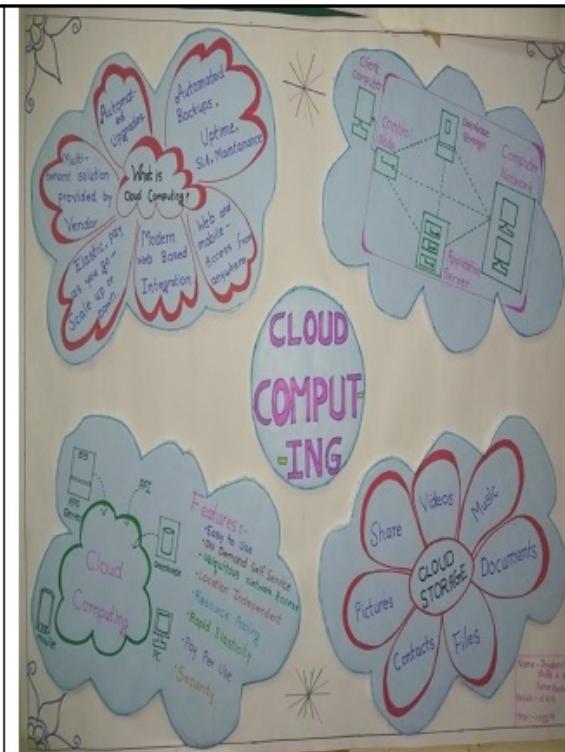
Picture : Technical Quiz competition at program level



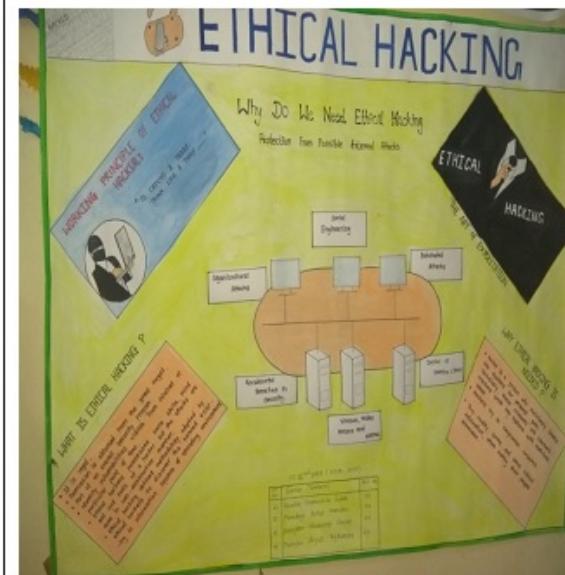
Picture : Poster on Cyber Crime



Picture : Poster on Android Operating System



Picture : Poster on Cloud Computing



Picture : Poster on Ethical Hacking

**2.2.7 New Initiatives for embedding Professional Skills (15)**

Institute Marks

15.00

**A. Employability skill enhancement Initiatives and effective implementation (8)**

Institute Marks

8.00

These initiatives are taken for both communication skill enhancements as well as for technical skill enhancement. Some of Career oriented and Communication skill enhancement initiatives are listed below.

Sr.No	Name of the Event	Date/Duration	Conducting authority
1	जीवन संजीवनी	7/12/2018	Mr. Rajesh Chavhan, Founder of Jeevan Sanjiwani, Sahyadri Nagar, Wai Satara
2	Career opportunity	2/23/2018	Dr. S G Kahalekar, Gramin College of Engineering, Nanded.(Siemens IT Solutions)
3	Career planning	1/20/2018	Mr. Devichand Katariya, Career Consultant, Seed Management Services Ltd, Pune
4	Personality development and Environmental issues	1/10/2018	Dr. Prithaviraj S. Lucky, Gyan Chetana Charitable Trust, Bidar, Karnataka
5	Communication Skills	9/6/2017	Mr. Sachidanandan Dhage
6	Experts Speak on Communication Skills development	8/19/2017	Mr. Vivekanand Dhage and Mr. Sachidanandan Dhage

Apart from above soft skill enhancement initiatives, below mentioned initiatives are taken for Employability skill enhancement.

There are various activities organized for overall employability enhancement of students. Various expert lectures are arranged for students. The resource person for these expert lectures are from well reputed industries. The more information about these activities is given in next few tables.

Sr. No	Name of Expert	Topic	Subject	Semester	Name of Inviting Faculty
<b>Academic Year 2019-20</b>					
1	Mr. Ganesh STEP- Software Technologies Excellence Program, Hyderabad - 500032	Thought Works	Entrepreneurship Development	All branch final year students	Mr. S V Chavan

2	Mr. Solunke T S Iconic IT Services Pvt. Ltd. Latur- 413531	Ethical Hacking	Computer security	CO5I & CO3I	Ms. M G Mulge, Ms. A S Patil
3	Ms. Panji P P Iconic IT Services Pvt. Ltd. Latur- 413531	IoT	Advance Network Management	CO5I & CO3I	Ms. M G Mulge, Ms. A S Patil
4	Mr. Shubham Jain Sr. Software Engineer Exl Software Solution	Career Guidance	In Computer and Information technology	CO6I	Ms. R D Kasar& Mr. Ambure A D
5	Prof. D D Date, Prof A P Mane , Prof. U V Kawade	Career after Diploma	Entrepreneurship Development	CO6I	Ms. M G Mulge, Ms. A S Patil

**Academic Year 2018-19**

1	Mrs. Swami Varsha VA <sup>3</sup> IT Services Pvt. Ltd. Latur- 413531	Ethical Hacking	Computer Security	CO5G	Ms. M G Mulge, Ms. A S Patil
		Cloud Computing	Database Management system	CO3G	
2	Sonali A MustareSynechisAquilam Solutions Pvt. Ltd. Pune	Awareness about IT Technologies	Operating system	CO5G	Ms. M G Mulge, Ms. A S Patil
			Programming Languages	CO3G	
3	Abhijeet A. More CYIN Solutions Pvt. Ltd. Pune	Internet Security	Software Testing and Security	CO6G	Ms. M G Mulge, Ms. R D Kasar
4	Mr. Ganesh STEP- Software Technologies Excellence Program, Hyderabad - 500032	Thought Works	EDP	CO6G	Mr. S V Chavan, Mr. S V kendre

**Academic Year 2017-18**

1	Mrs. Swami Varsha VA3 IT Services Pvt. Ltd. Latur- 413531	Career Opportunities in IT Industry (18/8/2017)	PPO	CO5G	Ms. M G Mulge, Ms. A S Patil
---	---	---	-----	------	------------------------------

				CO3G	
2	Mr.Abhijit More CYIN PVT Ltd.Pune	One Day Workshop on Internet Security (29/07/2017)	Computer Security	CO5G	Ms. M G Mulge, Ms. R.D.Kasar
3	Mr. AvinashJadhav, Mr.MangeshGahirwar MINDLABZ S/W Solutions Pvt Ltd ,Latur	Basic Concept of ASP.Net (19/2/2017)	IPR	CO5G	Ms. M G Mulge, Ms. A S Patil
4	Mr. Ganesh STEP- Software Technologies Excellence Program, Hyderabad - 500032	Thought Works (9/1/2018)	EDP	CO6G	Mr. S V Chavan, Ms.R.D.Kasar
<b>Academic Year 2016-17</b>					
1	Mrs. Swami Varsha VA3 IT Services Pvt. Ltd. Latur- 413531	Ethical Hacking	Computer Security	CO5G	Ms. M G Mulge, Ms. A S Patil
		Cloud Computing	Database Management system	CO3G	
2	Sonali A MustareSynechisAquilam Solutions Pvt. Ltd. Pune	Awareness about IT Technologies	Operating system	CO5G	Ms. M G Mulge, Ms. A S Patil
			Programming Laguages	CO3G	
3	Abhijeet A. More CYIN Solutions Pvt. Ltd. Pune	Internet Security	Software Testing and Security	CO6G	Ms. M G Mulge, Ms. R D Kasar
				CO4G	

4	Mr. Ganesh STEP- Software Technologies Excellence Program, Hyderabad - 500032	Thought Works	EDP	CO6G	Mr. S V Chavan, Mr. S V Kendre
---	---	---------------	-----	------	--------------------------------

Below is the list of Industrial visits organized for students

Academic Year 2019-20					
Sr. No.	Name Of Industry	Address -Contact Details	Subject Name	Semester/Class	Name Of Staff to be involved
1	BSNL-Bharat Sanchar Nigam Limited Latur (8/8/2019)	BSNL Office Gandhi Chowk, Latur-413512	.ACN-22520	CO3I	Mrs.A.S.Patil, Mrs P.S.Bhujange
2	Arty Offset Industry,Latur (7/2/2020)	MIDC Area,Hadco Latur-413531	CPH-22013	CO2I	Mrs.A.S.Patil, Mr. R.S. Devkar
3	Operand Technology & IT Solutions Pvt.Ltd, Latur (15/2/2020)	Barshi Road, near Cilai World Shop,Latur-413512	MAD- 22617	CO6I	Mrs.A.S.Patil, Mr. S V. Chavan

Academic Year 2018-19					
Sr. No.	Name Of Industry	Address -Contact Details	Subject Name	Semester/Class	Name Of Staff to be involved
1	BSNL-Bharat Sanchar Nigam Limited Latur	BSNL Office Gandhi Chowk, Latur-413512	Industrial Visit [IPR]	CO5G	Ms.R.D Kasar Mr.r.B.Salunke, Ms.V.D.Dhere
2	Arty Offset Industry,Latur	MIDC Area,Hadco Latur-413531	CGR	CO3I	Ms.R.D Kasar Mr. S.D.Ghaware
3	Print Pack Business Forms Pvt.Ltd	16-MIDC Area,Latur-413512	WPI	CO2I	Mr. S V. Chavan Ms.V.D.Dhere

Academic Year 2017-18					
Sr. No	Name of Industry	Address Contact Details	Semester	Subject Name	Name of Staff to be involved
1	BSNL - Bharat Sanchar Nigam Limited Latur (08/09/2017)	BSNL office, Gandhi Chowk Latur- 413512	CO6G	PPT	Mr. R D Kasar, Mr. R B Salunke , Ms. A J Shashtri

2	Mindlabz Software Solutions Latur (18/09/2017)	Behind Hotel Grand, Latur	CO5G	PPT	Mrs. A. S Patil, Ms. Pathan A.S.
3	Mindlabz Software Solutions Latur (09/10/2017)	Behind Hotel Grand, Latur	CO4G	PPO	Mr. S.V.Chavan, Mrs. A. S Patil

Academic Year 2016-17					
Sr. No	Name of Industry	Address Contact Details	Semester	Subject Name	Name of Staff to be involved
1	BSNL - Bharat Sanchar Nigam Limited Latur	BSNL office, Gandhi Chowk Latur- 413512	CO6G	PPO	Mr. R D Kasar, Mr. R B Salunke , Ms. A J Shashtri
2	Arty offset industries Latur	MIDC area, Hadco Latur - 413531	CO4G	PPT	Mrs. A. S Patil, Mr. A R. Dharmadhikari
3	Oriange IT Services Pvt. Ltd. Latur	Near Water Tank, Barshi Road Latur - 413531	CO5G	Industrial Visit [IPR]	Ms. R D Kasar, Mrs. A S Patil

Below are some of pictures which shows effective implementation of Employability skill enhancement Initiatives





Picture : Expert lecture on Improving Communication Skill by Mr. Sachidanad Dhage



Picture : Workshop on 'Career Planning,' Seed Management Services, Pune.

#### B. Personality development related Initiatives & effective implementation (7)

Institute Marks

7.00

The institute, Government residential womens polytechnic, Latur is mainly a residential institute. Majority of students from all program do stay at hostel in the institute campus only. There are plenty of programs which are organized for overall development of students. The list of such programs organized is given below.

Year : 2019-20					
Sr. No	Name of the Event	Date / Duration	Conducting authority	No. of beneficiaries	Remark / any additional info
1	Regarding the access to and awareness of Menstrual hygiene Management	7/22/2019	Dr.Shilpa Tadurwar, Suman Industries Pvt.Ltd MIDC,Latur	700	Hostel Department
2	Womens Health awareness : Menstrual hygiene Management	8/9/2019	Dr.Shilpa Tadurwar, Suman Industries Pvt.Ltd MIDC,Latur	530	Hostel Department

3	Inclusion of Sahaj Yog as a part of Student Induction Programme	8/2/2019	Shri.Aakash Gholap and Balaji Jadhav Saha Yog Meditation Team,H.H.S.M.N.D.Sahajyog Trust	600	Hostel Department
4	Sahaj Yog :Emotional Physical ability and Concentration	8/31/2020	Shri.Aakash Gholap and Balaji Jadhav Saha Yog Meditation Team,H.H.S.M.N.D.Sahajyog Trust	600	Hostel Department
5	Cleanliness Competition	9/21/2019	Rector and All Wardens	650	Hostel Department
6	Counseling of Exam for Copy free Environment	11/7/2019	Rector and All Wardens	600	Hostel Department
7	International Karate :Phase-I	13-12-2019 to 22-12-2019	Shri.Datta Kadam, Pravin Kamble International Japan Karate Association	130	Hostel Department
8	Marathi Bhasha Sanvardhan Pandharwada	01-01-2020 to 15-01-2020	Principal, Rector and All Wardens	600	Hostel Department
9	Health Camp	02-01-2020 to 03-01-2020	Shreyas Rotary Club of Latur	600	Hostel Department
10	Womens Empowerment	1/6/2020	Smt.Wadkar Madam and Dandime Madam Police Station Babhalgaon,Latur	600	Hostel Department
11	Paul Japun Tak	1/28/2020	Smt.Prajakata Bhosale, Yoga teacher Latur	700	Hostel Department
12	Yog Shibir	28-01-2020 to 01-02-2020	Vaishali Renapure, Sunita Kadam, Deshpande Bhargavi Yog Shishak Padvika Abhyas Kendra-8462-A University Nashik	100	Hostel Department
13	International Karate :Phase-II	08-02-2020 to 17-02-2020	Shri.Datta Kadam, Pravin Kamble International Japan Karate Association	130	Hostel Department

14	Menstrual hygiene Management, Disease Precautions	2/15/2020	Dr.Shilpa Tadurwar, Suman Industries Pvt.Ltd MIDC,Latur	270	Hostel Department
15	Health Camp	3/5/2020	Shreyas Rotary Club of Latur	500	Hostel Department

Above is the list of activities organized in year 2019-20.

Year : 2018-19					
Sr. No	Name of the Event	Date / Duration	Conducting authority	No. of beneficiaries	Remark/ any additional info
1	Motivation and Time Management	7/5/2018	Shri.Raghunath A.Kulkarni, Lecturer Mechanical GRWP Tasgaon	200	Hostel Department
2	Logical Thinking	7/26/2018	Smt.V.B.Swami V Mintz Lab Software, Solutions Oriend Pvt. Ltd Latur. Shri.Avinash Jadhav Shri.Menkudale	285	Hostel Department
3	Diet and Health	8/9/2018	Rector and All Wardens	500	Hostel Department
4	Rashtriya Jantnashak Din : Distrubution of Tablets to Students	10-08-2018 and 16-08-2018	Medical Officer, Municipal Corporation Latur	650	Hostel Department
5	Cleanliness Awareness Programme	8/20/2018	Rector and All Wardens	650	Hostel Department
6	Sakhola Dhyan	8/23/2018	Brahmkumari Aashram manha Shakti Kendra	600	Hostel Department
7	Pranayam and Yog	9/6/2018	Vankatesh V. Munde	400	Hostel Department
8	Mind Control Session : Pranayam and Yoga	9/7/2018	Vankatesh V. Munde	400	Hostel Department
9	International Karate :Phase-I	20-09-2018 to 26-09-2018	Shri.Datta Kadam, Pravin Kamble International Japan Karate Association	350	Hostel Department

10	Womens Empowerment	1/7/2019	Smt.Wadkar Madam and Dandime Madam Police Station Babhalgaon,Latur	700	Hostel Department
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Above is list of activities organized in year 2018-19

Year : 2017-18					
Sr. No	Name of the Event	Date/ Duration	Conducting authority	No. of beneficiaries	Remark/ any additional info
1	Parents Meet	8/1/2017	Principal, Rector and All Wardens	250	Hostel Department
2	Cleanliness Awareness Program	8/20/2017	Rector and All Wardens	500	Hostel Department
3	Counseling of Exam for Copy free Environment	11/10/2017	Rector and All Wardens	600	Hostel Department
4	Health Camp	1/5/2018	Shreyas Rotary Club of Latur	500	Hostel Department
5	Counseling of Exam for Copy free Environment	4/11/2018	Rector and All Wardens	600	Hostel Department

Year : 2016-17					
Sr. No	Name of the Event	Date/ Duration	Conducting authority	No. of beneficiaries	Remark/ any additional info
1	Parents Meet	8/3/2016	Principal, Rector and All Wardens	250	Hostel Department
2	Cleanliness Awareness Programme	8/20/2016	Rector and All Wardens	500	Hostel Department
3	Counselling of Exam for Copy free Environment	11/10/2016	Rector and All Wardens	600	Hostel Department
4	Health Camp	1/6/2017	Shreyas Rotary Club of Latur	500	Hostel Department
5	Counseling of Exam for Copy free Environment	4/1/2017	Rector and All Wardens	600	Hostel Department

## 2.2.8 Co-curricular & Extra Curricular Activities (10)

Institute Marks

10.00

The Institute, Government Residential women's polytechnic, Latur and Computer engineering program arranges various Co-curricular and Extra-Curricular Activities. These activities allows students to explore strengths and talents outside of academics, helping to build confidence and self-esteem, building skills that are not necessarily taught in the classroom but are still important in near future. Students actively participate in various activities. A list of Co-curricular and Extra-Curricular activities organized at program level as well as institute level is given below. Along with this, students actively do participate at various other institutes in state level as well as national level events.

1. Various Sports activities
2. Quiz Competition

3. Blind Programming Competition
4. Poster Presentation Competition
5. Tree Plantation activity
6. Swachchata Abhiyan (Cleanliness Program)
7. Time Management skill oriented program
8. Logical reasoning program
9. Diet and Health awareness program
10. Self Protection awareness program
11. Expert Lectures
12. Industrial Visits etc.

Below mentioned table shows the list of students who participated in various sports Competition at zonal, state level.

ACADEMIC YEAR - 2019 - 2020					
SR NO	Name of Student	Type of Competition	Level	Venue	Date
1	Kale Sharyu Maruti	VolleyBall	Zonal Competition - 2020 Zone-W2	Government Polytechnic, Hingoli	13/01/2020 to 15/01/2020
2	Gude Vaishnavi Pramod	VolleyBall	Zonal Competition - 2020 Zone-W2	Government Polytechnic, Hingoli	13/01/2020 to 15/01/2020
3	Farkande Vaishnavi A	CHESS	Zonal Competition - 2020 Zone-W2	Government Polytechnic, Hingoli	13/01/2020 to 15/01/2020
4	Kamble Rupali Hirachand	Kabaddi	Zonal Competition - 2020 Zone-W2	Government Polytechnic, Hingoli	13/01/2020 to 15/01/2020
5	Vaishnavi Suhas Potdar	Kabaddi	Zonal Competition - 2020 Zone-W2	Government Polytechnic, Hingoli	13/01/2020 to 15/01/2020
6	Balure Prerana Keshavrao	Kabbaddi	Zonal Competition - 2020 Zone-W2	Government Polytechnic, Hingoli	13/01/2020 to 15/01/2020
7	BARMADE AISHWARYA VITHAL	Kho-Kho	Zonal Competition - 2020 Zone-W2	Government Polytechnic, Hingoli	13/01/2020 to 15/01/2020
8	MALI MANISHA MOHAN	Kho-Kho	Zonal Competition - 2020 Zone-W2	Government Polytechnic, Hingoli	13/01/2020 to 15/01/2020
9	Kale Sharyu Maruti	VolleyBall	Inter Zonal Competition 2020	Government Residential Womens Polytechnic, Tasgaon	15/02/2020 to 16/02/2020
10	Gude Vaishnavi Pramod	VolleyBall	Inter Zonal Competition 2020	Government Residential Womens Polytechnic, Tasgaon	15/02/2020 to 16/02/2020
11	Farkande Vaishnavi A	CHESS	Inter Zonal Competition 2020	Government Residential Womens Polytechnic, Tasgaon	15/02/2020 to 16/02/2020
12	Kamble Rupali Hirachand	Kabaddi	Inter Zonal Competition 2020	Government Residential Womens Polytechnic, Tasgaon	15/02/2020 to 16/02/2020

13	BARMADE AISHWARYA VITHAL	Kho-Kho	Inter Zonal Competition 2020	Government Residential Womens Polytechnic, Tasgaon	15/02/2020 to 16/02/2020
14	MALI MANISHA MOHAN	Kho-Kho	Inter Zonal Competition 2020	Government Residential Womens Polytechnic, Tasgaon	15/02/2020 to 16/02/2020

Above table shows active participation of students of computer engineering in various sports activities like Kabaddi, Volley Ball, CHESS, Kho-Kho etc at zonal level as well as Inter zonal level sport events during academic year 2019 – 2020.

ACADEMIC YEAR - 2018 - 2019					
SR NO	Name of Student	Type of Competition	Level	Venue	Date
1	TARE ANKITA	ATHLETICS	Zonal Competition 2019 Zone-W2	Government Polytechnic, Hingoli	15/01/2019 to 17/01/2019
2	MALI MANISHA MOHAN	KHO-KHO	Zonal Competition 2019 Zone-W2	Government Polytechnic, Hingoli	15/01/2019 to 17/01/2019
3	SHINDE JYOTI BHAIROVNATH	KHO-KHO	Zonal Competition 2019 Zone-W2	Government Polytechnic, Hingoli	15/01/2019 to 17/01/2019
4	BIRAJDAR MADHURI MADHUKAR	KHO-KHO	Zonal Competition 2019 Zone-W2	Government Polytechnic, Hingoli	15/01/2019 to 17/01/2019
5	BALURE PRERANA KESHAVRAO	Kabbaddi	Zonal Competition 2019 Zone-W2	Government Polytechnic, Hingoli	15/01/2019 to 17/01/2019
6	SHETE SHUBHANGI	ATHLETICS	Zonal Competition 2019 Zone-W2	Government Polytechnic, Hingoli	15/01/2019 to 17/01/2019
7	KAMBLE KAJAL BHALCHANDRA	Kabbaddi	Zonal Competition 2019 Zone-W2	Government Polytechnic, Hingoli	15/01/2019 to 17/01/2019
8	RATHOD MANISHA PHULCHAND	Kabbaddi	Zonal Competition 2019 Zone-W2	Government Polytechnic, Hingoli	15/01/2019 to 17/01/2019
9	KSHIRSAGAR YOGITA BHARATRAO	Kabbaddi	Zonal Competition 2019 Zone-W2	Government Polytechnic, Hingoli	15/01/2019 to 17/01/2019
10	SHIRPURE SNEHA SHRIMANT	KHO-KHO	Zonal Competition 2019 Zone-W2	Government Polytechnic, Hingoli	15/01/2019 to 17/01/2019
11	Kamble vaishnavi shrimant	BASKET BALL	Zonal Competition 2019 Zone-W2	Government Polytechnic, Hingoli	15/01/2019 to 17/01/2019
12	Jogi geeta gorkhnath	BASKET BALL	Zonal Competition 2019 Zone-W2	Government Polytechnic, Hingoli	15/01/2019 to 17/01/2019
13	Udgire swati bhagwan	BASKET BALL	Zonal Competition 2019 Zone-W2	Government Polytechnic, Hingoli	15/01/2019 to 17/01/2019
14	TARE ANKITA	ATHLETICS	State level Inter Zonal Competition 2019-20	Government Residential Womens Polytechnic Latur	12, 13 and 14 February 2019
15	MALI MANISHA MOHAN	KHO-KHO	State level Inter Zonal Competition 2019-21	Government Residential Womens Polytechnic Latur	12, 13 and 14 February 2019
16	SHINDE JYOTI BHAIROVNATH	KHO-KHO	State level Inter Zonal Competition 2019-22	Government Residential Womens Polytechnic Latur	12, 13 and 14 February 2019
17	BIRAJDAR MADHURI MADHUKAR	KHO-KHO	State level Inter Zonal Competition 2019-23	Government Residential Womens Polytechnic Latur	12, 13 and 14 February 2019

18	BALURE PRERANA KESHAVRAO	Kabbaddi	State level Inter Zonal Competition 2019-24	Government Residential Womens Polytechnic Latur	12, 13 and 14 February 2019
19	SHETE SHUBHANGI	ATHLETICS	State level Inter Zonal Competition 2019-25	Government Residential Womens Polytechnic Latur	12, 13 and 14 February 2019
20	KAMBLE KAJAL BHALCHANDRA	Kabbaddi	State level Inter Zonal Competition 2019-26	Government Residential Womens Polytechnic Latur	12, 13 and 14 February 2019
21	RATHOD MANISHA PHULCHAND	Kabbaddi	State level Inter Zonal Competition 2019-27	Government Residential Womens Polytechnic Latur	12, 13 and 14 February 2019
22	KSHIRSAGAR YOGITA BHARATRAO	Kabbaddi	State level Inter Zonal Competition 2019-28	Government Residential Womens Polytechnic Latur	12, 13 and 14 February 2019
23	SHIRPURE SNEHA SHRIMANT	KHO-KHO	State level Inter Zonal Competition 2019-29	Government Residential Womens Polytechnic Latur	12, 13 and 14 February 2019
24	Kamble vaishnavi shrimant	BASKET BALL	State level Inter Zonal Competition 2019-30	Government Residential Womens Polytechnic Latur	12, 13 and 14 February 2019
25	Jogi geeta gorkhnath	BASKET BALL	State level Inter Zonal Competition 2019-31	Government Residential Womens Polytechnic Latur	12, 13 and 14 February 2019
26	Udgire swati bhagwan	BASKET BALL	State level Inter Zonal Competition 2019-32	Government Residential Womens Polytechnic Latur	12, 13 and 14 February 2019

Above table shows active participation of students of computer engineering in various sports activities like ATHLETICS, KHO-KHO, BASKET BALL etc at zonal level as well as state level sport events during academic year 2018 – 2019.

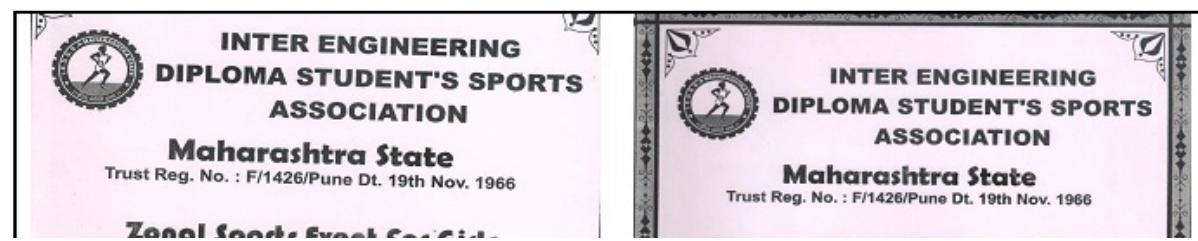
ACADEMIC YEAR - 2017-2018					
SR NO	Name of Student	Type of Competition	Level	Venue	Date
1	Gurude Mahananda Madhukar	Kabbaddi	Zonal Competition 2018 W-2 Zone	Rural Polytechnic, Nanded	05.01.2018 to 07.01.2018
2	Kamble Kajal Bhalchandra	Kabbaddi	Zonal Competition 2018 W-2 Zone	Rural Polytechnic, Nanded	05.01.2018 to 07.01.2018
3	Birajdar Madhuri Madhukar	Kabbaddi	Zonal Competition 2018 W-2 Zone	Rural Polytechnic, Nanded	05.01.2018 to 07.01.2018
4	Gardener Manisha Mohan	KHO-KHO	Zonal Competition 2018 W-2 Zone	Rural Polytechnic, Nanded	05.01.2018 to 07.01.2018
5	Shirpure Sneha Shrimant	KHO-KHO	Zonal Competition 2018 W-2 Zone	Rural Polytechnic, Nanded	05.01.2018 to 07.01.2018
6	Gurude Mahananda Madhukar	Kabbaddi	Inter-Zonal Competition 2018 W-2 Zone	Government Residential Womens Polytechnic, Tasgaon	25.02.2018 to 26.02.2018
7	Kamble Kajal Bhalchandra	Kabbaddi	Inter-Zonal Competition 2018 W-2 Zone	Government Residential Womens Polytechnic, Tasgaon	25.02.2018 to 26.02.2018
8	Birajdar Madhuri Madhukar	Kabbaddi	Inter-Zonal Competition 2018 W-2 Zone	Government Residential Womens Polytechnic, Tasgaon	25.02.2018 to 26.02.2018

9	Gardener Manisha Mohan	KHO-KHO	Inter-Zonal Competition 2018 W-2 Zone	Government Residential Womens Polytechnic, Tasgaon	25.02.2018 to 26.02.2018
10	Shirpure Sneha Shrimant	KHO-KHO	Inter-Zonal Competition 2018 W-2 Zone	Government Residential Womens Polytechnic, Tasgaon	25.02.2018 to 26.02.2018

Above table shows active participation of students of computer engineering in various sports activities like Kabbadi, KHO-KHO etc at zonal level as well as Inter-Zonal level sport events during academic year 2017 – 2018.

ACADEMIC YEAR - 2016-2017					
SR NO	Name of Student	Type of Competition	Level	Venue	Date
1	Shinde Jyoti B	Kho-Kho	Zonal Competition 2017 W-2 Zone	Pune	2/2/2017 and 3/2/2017
2	Birajdar Anjali	Running	Zonal Competition 2017 W-2 Zone	Pune	2/2/2017 and 3/2/2017
3	Gurude Mahananda	Kabbadi & High Jump	Zonal Competition 2017 W-2 Zone	Pune	2/2/2017 and 3/2/2017
4	Giri Namrata	Kho-Kho	Zonal Competition 2017 W-2 Zone	Pune	2/2/2017 and 3/2/2017
5	Birajdar Madhuri	Kho-Kho	Zonal Competition 2017 W-2 Zone	Pune	2/2/2017 and 3/2/2017
6	Bhandapalle Sayali	Badminton	Zonal Competition 2017 W-2 Zone	Pune	2/2/2017 and 3/2/2017
7	Swami Rupali A.	Vollyball	Zonal Competition 2017 W-2 Zone	Pune	2/2/2017 and 3/2/2017
8	Gitte Pragati	Kho-Kho	Internal	LATUR	27/1/2017 & 28/1/2017
9	kuberkar Rajanandini	Kho-Kho	Internal	LATUR	27/1/2017 & 28/1/2017
10	Kadam Anjali	Kho-Kho	Internal	LATUR	27/1/2017 & 28/1/2017
11	Tidake Pranjali	Kho-Kho	Internal	LATUR	27/1/2017 & 28/1/2017
12	Jogdand Vaishanavi	Kho-Kho	Internal	LATUR	27/1/2017 & 28/1/2017
13	Kshirsagar Sharayu	Kho-Kho	Internal	LATUR	27/1/2017 & 28/1/2017
14	Panchal Shital	Badminton	Internal	LATUR	27/1/2017 & 28/1/2017
15	Darshana Sonar	Chess	Internal	LATUR	27/1/2017 & 28/1/2017
16	Mamadge Shital	Kho-Kho	Internal	LATUR	27/1/2017 & 28/1/2017
17	Kulkarni Anuja`	Badminton	Internal	LATUR	27/1/2017 & 28/1/2017
18	Makanikar Pornima	Kabbadi	Internal	LATUR	27/1/2017 & 28/1/2017
19	Saknure Shivani	Kho-Kho	Internal	LATUR	27/1/2017 & 28/1/2017

Above table shows active participation of students of computer engineering in various sports activities like Kho-Kho, Kabbadi & High Jump, Chess at zonal level as well as Inter-Zonal level sport events during academic year 2016 – 2017.



Zonal Sports Event For Girls

Zone :

2016 - 2017

Certificate of Merit

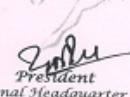
Awarded to

Shinde Jyoti B.  
of CO [G.R.W.P.Latur]

being Winner in the event Kho-Kho



Head  
Organizing Committee



President  
I.E.D.S.S.A.

Zonal Sports Event For Girls

Zone : No. 2

2016 - 2017

Certificate of Merit

Awarded to

Birajdar Anyali D.  
of CO [G.R.W.P.Latur]

being Winner in the event 400 m (Running)



Head  
Organizing Committee



President  
I.E.D.S.S.A.

Picture : Shinde Jyoti B, Winner in Kho-Kho in 2016-17

Picture : Birajdar Anyali D, Winner in 400 mtr Running in 2016-17

INTER ENGINEERING  
DIPLOMA STUDENT'S SPORTS  
ASSOCIATION

Maharashtra State

Trust Reg. No. : F/1426/Pune Dt. 19th Nov. 1966

Zonal Sports Event For Girls  
Zone :

2016 - 2017

Certificate of Merit

Awarded to

Giri Namrata B.  
of CO [G.R.W.P.Latur]

being Winner in the event Kho-Kho



Head  
Organizing Committee



President  
I.E.D.S.S.A.

INTER ENGINEERING  
DIPLOMA STUDENT'S SPORTS  
ASSOCIATION

Maharashtra State

Trust Reg. No. : F/1426/Pune Dt. 19th Nov. 1966

Zonal Sports Event For Girls  
Zone :

2016 - 2017

Certificate of Merit

Awarded to

Birajdar Madhuri M.  
of Computer D [G.R.W.P.Latur]

being Winner in the event Kho-Kho



Head  
Organizing Committee



President  
I.E.D.S.S.A.

Picture : Giri Namrata B, Winner in Kho-Kho in 2016-17

Picture : Birajdar Madhuri M, Winner in Kho-Kho in 2016-17

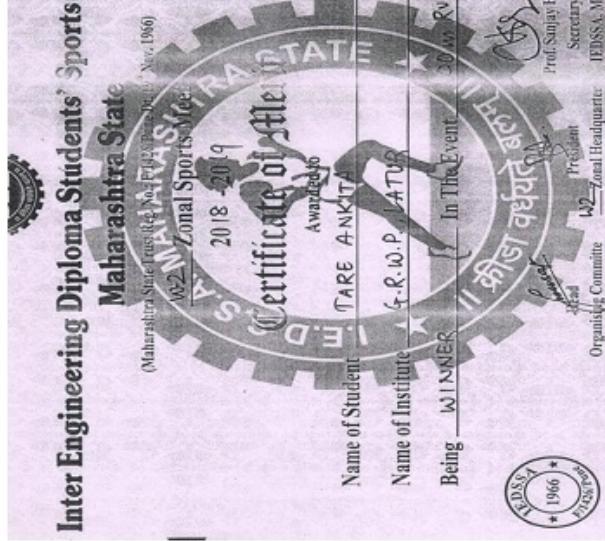
Association

Dr. D. R. Nadkarni,  
President  
I.E.D.S.S.A.

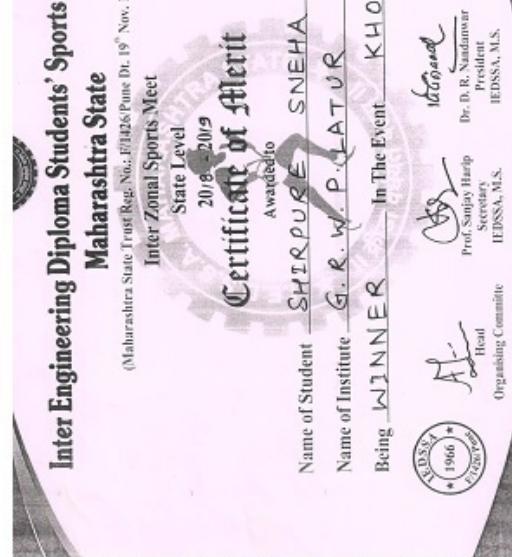
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Association

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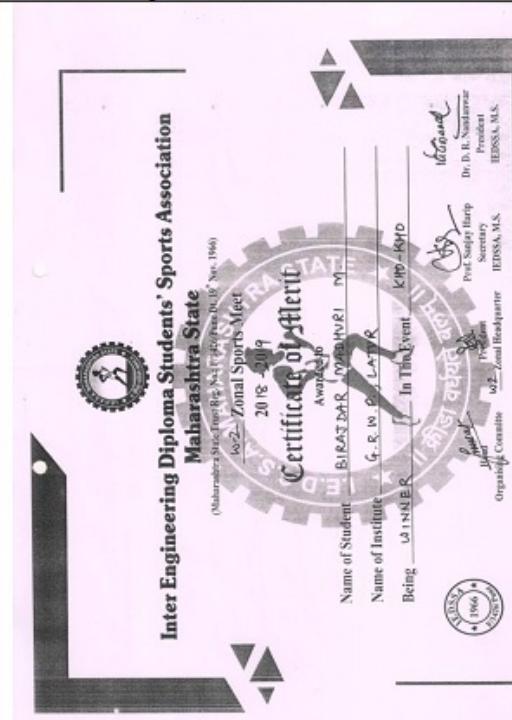
Picture : Tare Ankita, Winner in Running 2018-19



Picture : Shirpure Sneha, Winner in Kho-Kho 2018-19



Picture : Birajdar Madhuri, Winner Inter Zonal Sports in Kho-Kho 2018-19



Picture : Birajdar Madhuri, Winner W2 Zonal Sports in Kho-Kho 2018-19



Picture : Winner trophies by students in Zonal Sports January 2020



Apart from above mentioned sports activities, students of computer engineering department also participate in the events or competitions organized at program level and institute level. Below mentioned few tables give overview of activities organized at program level and institute level for development of students.

Year : 2019-20					
Sr.No	Name of the Event/Activity	Date/Duration	Resource Person/Conducting authority	No. of beneficiaries	Remark/ any additional info
1	MSBTE Live Webinar on Emerging trends in Computer Engg	04-01-2020	MSBTE Expert Person	55	Live-State Level Orientation activity
2	How to Write on Wikipedia in "Marathi Language"	13-01-2020	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	61	Institute Level Activity
3	Tree Plantation Activity at Village Nagzari	03-02-2020	Mrs.S A Agarkar, Chief Coordinator ECO CLUB and Lecturer in ET, Smt. R D Kasar, Lecturer in Computer Engg.	15	Institute Level Activity
4	Technical Poster Presentation on Topics a) Data Mining b) Internet of Things c) Cyber Security d) Artificial Intelligence e) Green Computing f) Save water Save Life	18-09-2019	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	180+ (CO1I,CO3I,CO5I)	Program Level Activity
5	Blind Programming competition on C++ Language	13-09-2019	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	66+(CO3I)	Program Level Activity
6	Blind Programming competition on JAVA Language	04-09-2019	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	50+(CO5I)	Program Level Activity
7	Quiz Competition on "C Programming"	27-08-2019	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	66+(CO3I)	Program Level Activity
8	Technical Quiz on Advanced Java Programming	22-01-2019	Mrs J R Hange, HoD, Computer Engg dept	50+	Program Level Activity

Above table gives list of activities in year 2019-20. These activities are organized at program level and institute level.

Year : 2018-19					
Sr.No	Name of the Event/Activity	Date/Duration	Resource Person/Conducting authority	No. of beneficiaries	Remark/ any additional info
1	Swachhata Abhiyan (Cleanliness Program)	30-08-2018	Head of Computer Engg department	58	Program Level Activity
2	Blind Programming competition on C++ Language	21-09-2018	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	15	Program Level Activity
3	Blind Programming competition on C Language	12-09-2018	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	15	Program Level Activity

4	Technical Poster Presentation on Topics a) Internet Security b) Artificial Intelligence c) Robotics computing d) Social Media Awareness e) Latest technologies in computer science f) E-Waste recycling	27-09-2018	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	180+ (CO1I, CO3I, CO5I)	Program Level Activity
5	वेळेचे सुव्यवस्थापन (Time Management)	05-07-2018	Shri. Raghunath Ananat Kulkarni - Expert from management field	70+	Institute Level Activity
6	तार्किक विचार (Logical Thinking)	26-07-2018	Quiz Trainers GRWP Latur	66	Institute Level Activity
7	आहार आणि स्वास्थ्य (Diet and Health)	09-08-2018	Professional from Medical field	70+	Institute Level Activity
8	सखोल ध्यान (Deep meditation)	23-08-2018	ब्रह्मकुमारी आश्रम / मनः शक्ती केंद्र	66+	Institute Level Activity
9	प्राणायाम आणि योग (Pranayama and Yoga)	06-09-2018	Yoga Teacher	66	Institute Level Activity
10	स्व-संरक्षण (Self Protection)	20-09-2018 to 26-09-2018	Smt Ashwini Taak	70+	Institute Level Activity
11	आजची राष्ट्रभक्ती (Todays Patriotism)	04-10-2018	Social Worker-NGO	70+	Institute Level Activity
12	Swachhata Abhiyan (Cleanliness Program)	15-09-2018	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	69	Program Level Activity

Year : 2017-18					
Sr.No	Name of the Event/Activity	Date/Duration	Resource Person/Conducting authority	No. of beneficiaries	Remark/ any additional info
1	IEDSSA 2017-18	05-01-2018 to 06-01-2018	W2 Zonal Sports, Gramin Polytechnic Nanded	55	Zonal Level Activity
2	Swachhata Abhiyan (Cleanliness Program)	25-01-2018	Mr. S V Chavhan, HoD, Computer Engg Dept	105	Program Level Activity
3	Quiz Competition on Mental Ability	26-02-2018	Mr. S V Chavhan, HoD, Computer Engg Dept	45	Program Level Activity
4	Quiz Competition on C Programming	27-02-2018	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	73	Program Level Activity
5	Expert lecture on Career Planning	20-01-2018	Shri Devichand Katariya	60+	Intitute Level Activity
6	Expert lecture on Career Opportunity under personality development	22-02-2018	GRACE, Vishnupuri, Nanded	100+	Intitute Level Activity
7	Cultural event for Welcome ceremony of First year students in computer engg Program	29-09-2017	CO5G, CO3G students and all staffs of computer engg program	170+	Program Level Activity
8	Buzzer quiz competition "Computer Technology"	28-09-2017	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	50+	Program Level Activity
9	Poster Presentation competition "Computer Technology"	29-09-2017	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	50+	Program Level Activity

10	One week Workshop on Yoga "Yogshibir"	01-08-2017 to 08-08-2017	Shri Vynkat Munde, Executive engg, BSNL Latur	100+	Program Level Activity
11	Expert lecture on Communication Skill	06-09-2017	Shri Sachhidand Dhage and Shri Vivekanand Dhage	100+	Program Level Activity
<b>Year : 2016-17</b>					
Sr.No	Name of the Event/Activity	Date/Duration	Resource Person/Conducting authority	No. of beneficiaries	Remark/ any additional info
1	Quiz competition on General Aptitude	01-02-2016 to 05-02-2016	M G Mulge, Lecturer in Computer Engg, G.R.W.P, Latur	50+	Program Level Activity
2	Technical Quiz competition	01-02-2016 to 05-02-2016	M G Mulge, Lecturer in Computer Engg, G.R.W.P, Latur	50+	Program Level Activity
3	Quiz on Programming Skills	01-02-2016 to 05-02-2016	M G Mulge, Lecturer in Computer Engg, G.R.W.P, Latur	50+	Program Level Activity

The below pictures show effective implementation of activities.



Picture : Buzzer quiz competition on "Computer Technology"





Picture : Buzzer quiz competition on "Computer Technology"



Picture : Technical Poster Presentation competition at program level



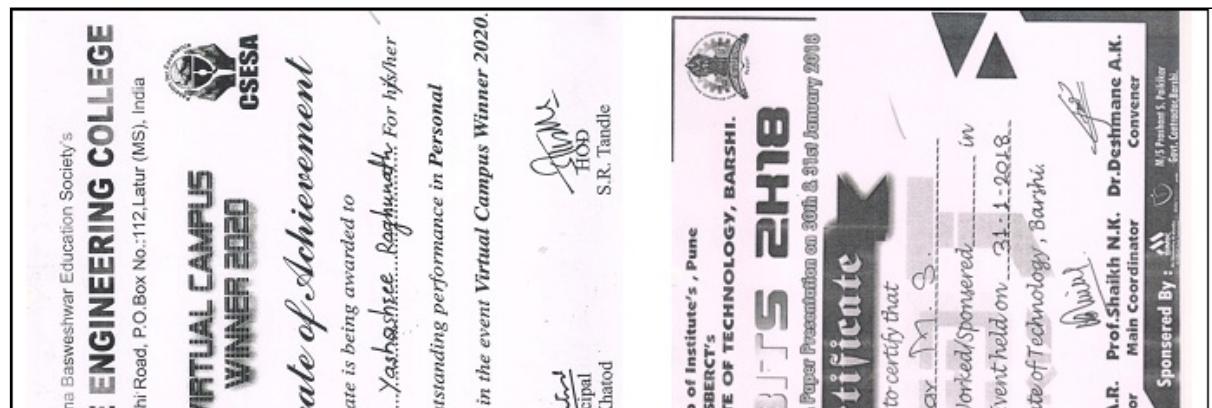


Following table shows list of students who participated in various co-curricular activities at state level, at other institutes from 2017-18 to 2019-20

Sr.No	Name of Student	Name of Event	Date/Duration	Venue	Remark
1	Mane Rutuja Dhirendra	Virtual Campus Recruitment Program - VCRP-2020	1,2 March 2020	Sandipani Technical Campus, Latur	Gold Rank
2	Peddawad Mayuri Madhav	Virtual Campus Recruitment Program - VCRP-2020	1,2 March 2020	Sandipani Technical Campus, Latur	Gold Rank
3	Phad Yashshree Raghunath	Virtual Campus by CSESA	Jan-20	M S Bidve Engineering College, Latur	Winner - Appreciation
4	Yashashree Phad	Virtual Campus - General Aptitude round	Jan-20	M S Bidve Engineering College, Latur	Participation
5	Phad Yashshree Raghunath	Virtual Campus by CSESA - Peronal Interview round	Jan-20	M S Bidve Engineering College, Latur	Winner - Award
6	Jadhav M S	National Level Technical Events and Paper Presentation - Error Detection	30,31 January 2018	Bhagwant Institute of Technology, Barshi	National Level - Participation
7	Jadhav Mayuri Satish	National Level Technical Events and Paper Presentation - C/C++ Programming	30,31 January 2018	Bhagwant Institute of Technology, Barshi	National Level - Participation

8	Gitanjali Parandkar	C-Code competition	09-09-2018	Oriange Services Pvt Ltd Latur	Cosolidation Prize
9	Jadhav Madhuri G	Poster Presentation	1/2/2018- 2/2/2018	MindLabz Pvt. Ltd. Latur	Participation
10	Bade Vaishanvi D	Poster Presentation	1/2/2018- 2/2/2018	MindLabz Pvt. Ltd. Latur	Participation
11	Deshmane Summaiya S	Poster Presentation	1/2/2018- 2/2/2018	MindLabz Pvt. Ltd. Latur	Participation
12	Tandale Harshita	C-Code competition	09-09-2018	Oriange Services Pvt Ltd Latur	Participation
13	Tandale Harshita	Workshop on Career Plan	20-Jan-18	Seed Infotech Pune	Participation
14	Swami Jyoti	C and C++ Code competition	30,31 January 2018	BIT College Barshi	Participation
15	Swami Jyoti	Workshop on Career Plan	20-Jan-18	Seed Infotech Pune	Participation
16	Parandkar G M	Error Detection	30,31 January 2018	BIT College Barshi	Participation
17	Tandale Harshita Pandurang	C-Code competition	09-09-2018	Oriange Services Pvt Ltd Latur	Participation
18	Muley Mayuri Sanjay	Code Master - C Programming Competition	24,25 Sept 2017	M S Bidve Engineering College, Latur	Participant
19	Deshpande Varshali Kiran	Code Master - C Programming Competition	24,25 Sept 2017	M S Bidve Engineering College, Latur	Participant
20	Darfalkar Shraddha Kakasaheb	Code Master - C Programming Competition	24,25 Sept 2017	M S Bidve Engineering College, Latur	Participant
21	Jadhav Shital Arun	Code Master - C Programming Competition	24,25 Sept 2017	M S Bidve Engineering College, Latur	Participant

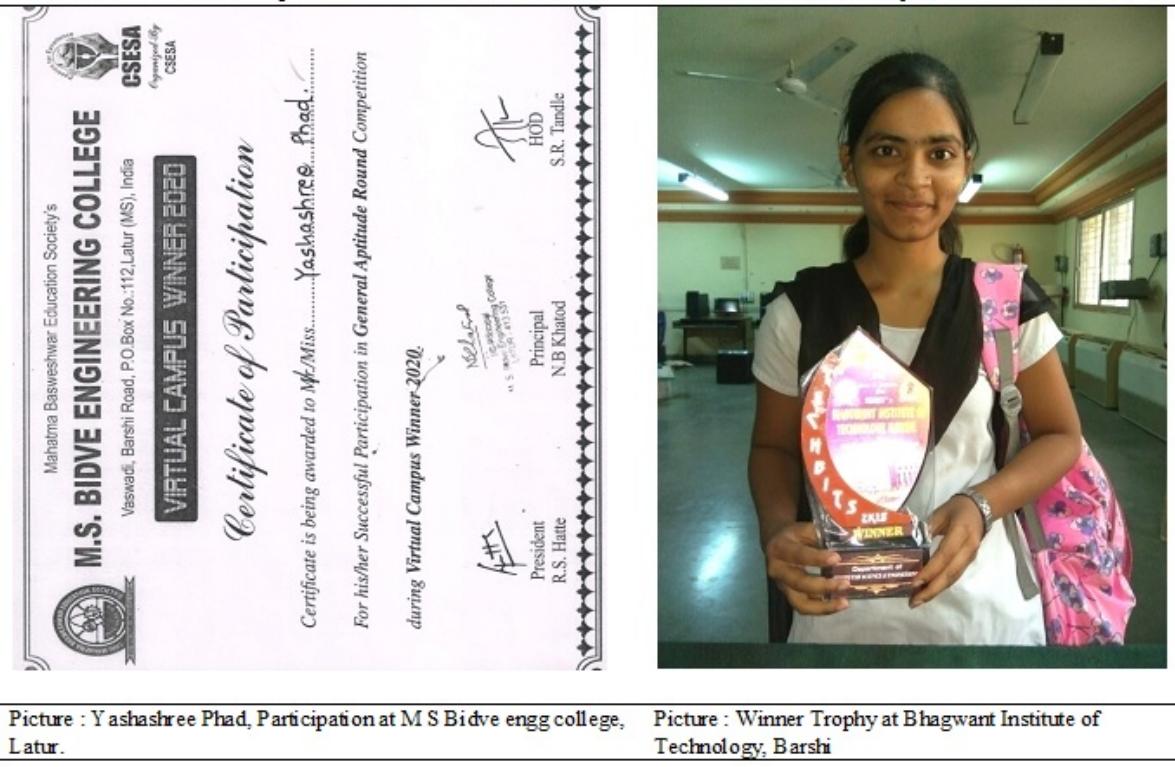
Below sample picture shows, certificates and trophy of winner students.





Picture : Phad Yashashree Ragunath, Award in 'Personal Interview'

Picture : Jadhav M S, Participation in "Error Detection" round



Picture : Yashashree Phad, Participation at M S Bidve engg college, Latur.

Picture : Winner Trophy at Bhagwant Institute of Technology, Barshi

Below is the list of Industrial visits organized for students.

#### Academic Year 2019-20

Sr. No.	Name Of Industry	Address -Contact Details	Subject Name	Semester/Class	Name Of Staff to be involved
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1	BSNL-Bharat Sanchar Nigam Limited Latur (8/8/2019)	BSNL Office Gandhi Chowk, Latur-413512	.ACN-22520	CO3I	Mrs.A.S.Patil, Mrs P.S.Bhujange
2	Arty Offset Industry,Latur (7/2/2020)	MIDC Area,Hadco Latur-413531	CPH-22013	CO2I	Mrs.A.S.Patil, Mr. R.S. Devkar
3	Operand Technology & IT Solutions Pvt.Ltd, Latur (15/2/2020)	Barshi Road, near Cilai World Shop,Latur-413512	MAD- 22617	CO6I	Mrs.A.S.Patil, Mr. S V. Chavan

Academic Year 2018-19					
Sr. No.	Name Of Industry	Address -Contact Details	Subject Name	Semester/Class	Name Of Staff to be involved
1	BSNL-Bharat Sanchar Nigam Limited Latur	BSNL Office Gandhi Chowk, Latur-413512	Industrial Visit [IPR]	CO5G	Ms.R.D Kasar Mr.R.B.Salunke, Ms.V.D.Dhere
2	Arty Offset Industry,Latur	MIDC Area,Hadco Latur-413531	CGR	CO3I	Ms.R.D Kasar Mr. S.D.Ghaware
3	Print Pack Business Forms Pvt.Ltd	16-MIDC Area,Latur-413512	WPI	CO2I	Mr. S V. Chavan Ms.V.D.Dhere

Academic Year 2017-18					
Sr. No	Name of Industry	Address Contact Details	Semester	Subject Name	Name of Staff to be involved
1	BSNL - Bharat Sanchar Nigam Limited Latur (08/09/2017)	BSNL office, Gandhi Chowk Latur- 413512	CO6G	PPT	Mr. R D Kasar, Mr. R B Salunke, Ms. A J Shashtri
2	Mindlabz Software Solutions Latur (18/09/2017)	Behind Hotel Grand, Latur	CO5G	PPT	Mrs. A. S Patil, Ms.Pathan A.S.
3	Mindlabz Software Solutions Latur (09/10/2017)	Behind Hotel Grand, Latur	CO4G	PPO	Mr. S.V.Chavan, Mrs. A. S Patil

Academic Year 2016-17		

Sr. No	Name of Industry	Address Contact Details	Semester	Subject Name	Name of Staff to be involved
1	BSNL - Bharat Sanchar Nigam Limited Latur	BSNL office, Gandhi Chowk Latur- 413512	CO6G	PPO	Mr. R D Kasar, Mr. R B Salunke , Ms. A J Shashtri
2	Arty offset industries Latur	MIDC area, Hadoo Latur - 413531	CO4G	PPT	Mrs. A. S Patil, Mr. A R. Dharmadhikari
3	Oriange IT Services Pvt. Ltd. Latur	Near Water Tank, Barshi Road Latur - 413531	CO5G	Industrial Visit [IPR]	Ms. R D Kasar, Mrs. A S Patil

Below is the list of expert lectures arranged

Sr. No	Name of Expert	Topic	Subject	Semester	Name of Inviting Faculty
<b>Academic Year 2019-20</b>					
1	Mr. Ganesh STEP- Software Technologies Excellence Program, Hyderabad - 500032	Thought Works	Entrepreneurship Development	All branch final year students	Mr. S V Chavan
2	Mr. Solunke T S Iconic IT Services Pvt. Ltd. Latur- 413531	Ethical Hacking	Computer security	CO5I & CO3I	Ms. M G Mulge, Ms. A S Patil
3	Ms. Panji P P Iconic IT Services Pvt. Ltd. Latur- 413531	IoT	Advance Network Management	CO5I & CO3I	Ms. M G Mulge, Ms. A S Patil
4	Mr. Shubham Jain Sr. Software Engineer Exl Software Solution	Career Guidance	In Computer and Information technology	CO6I	Ms. R D Kasar& Mr. Ambure A D
5	Prof. D D Date, Prof A P Mane , Prof. U V Kawade	Career after Diploma	Entrepreneurship Development	CO6I	Ms. M G Mulge, Ms. A S Patil
<b>Academic Year 2018-19</b>					
1	Mrs. Swami Varsha VA <sup>3</sup> IT Services Pvt. Ltd. Latur- 413531	Ethical Hacking Cloud Computing	Computer Security Database Management system	CO5G CO3G	Ms. M G Mulge, Ms. A S Patil

2	Sonali A MustareSynechisAquilam Solutions Pvt. Ltd. Pune	Awareness about IT Technologies	Operating system	CO5G	Ms. M G Mulge, Ms. A S Patil
			Programming Languages	CO3G	
3	Abhijeet A. More CYIN Solutions Pvt. Ltd. Pune	Internet Security	Software Testing and Security	CO6G	Ms. M G Mulge, Ms. R D Kasar
4	Mr. Ganesh STEP- Software Technologies Excellence Program, Hyderabad - 500032	Thought Works	EDP	CO6G	Mr. S V Chavan, Mr. S V kendre
<b>Academic Year 2017-18</b>					
1	Mrs. Swami Varsha VA3 IT Services Pvt. Ltd. Latur- 413531	Career Opportunities in IT Industry (18/8/2017)	PPO	CO5G	Ms. M G Mulge, Ms. A S Patil
				CO3G	
2	Mr.Abhijit More CYIN PVT Ltd.Pune	One Day Workshop on Internet Security (29/07/2017)	Computer Security	CO5G	Ms. M G Mulge, Ms. R.D.Kasar
3	Mr. AvinashJadhav, Mr.MangeshGahirwar MINDLABZ S/W Solutions Pvt Ltd ,Latur	Basic Concept of ASP.Net (19/2/2017)	IPR	CO5G	Ms. M G Mulge, Ms. A S Patil
4	Mr. Ganesh STEP- Software Technologies Excellence Program, Hyderabad - 500032	Thought Works (9/1/2018)	EDP	CO6G	Mr. S V Chavan, Ms.R.D.Kasar

Academic Year 2016-17					
1	Mrs. Swami Varsha VA3 IT Services Pvt. Ltd. Latur- 413531	Ethical Hacking	Computer Security	CO5G	Ms. M G Mulge, Ms. A S Patil
		Cloud Computing	Database Management system	CO3G	
2	Sonali A MustareSynechisAquilam Solutions Pvt. Ltd. Pune	Awareness about IT Technologies	Operating system	CO5G	Ms. M G Mulge, Ms. A S Patil
			Programming Laguages	CO3G	
3	Abhijeet A. More CYIN Solutions Pvt. Ltd. Pune	Internet Security	Software Testing and Security	CO6G	Ms. M G Mulge, Ms. R D Kasar
				CO4G	
4	Mr. Ganesh STEP- Software Technologies Excellence Program, Hyderabad - 500032	Thought Works	EDP	CO6G	Mr. S V Chavan, Mr. S V Kendre

### 3 COURSE OUTCOMES AND PROGRAM OUTCOMES (100)

Total Marks 100.00

#### Define the Program specific outcomes

PSO1	Computer Software and Hardware Usage: Use
PSO2	Computer Engineering Maintenance: Maintain c

#### 3.1 Establish the correlation between the courses and the POs and PSOs (20)

Total Marks 20.00

#### 3.1.1 Course Outcomes (SAR should include course outcomes of one course from each semester of study, however, should be prepared for all courses) (5)

Institute Marks

5.00

Note : Number of Outcomes for a Course is expected to be 3 to 5.

Course Name :	C1 01	Course Year :	2016-17
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Course Name	Statements
C1 01.1	Formulate grammatically correct sentences.
C1 01.2	Summarize comprehension passages
C1 01.3	Compose dialogues and paragraphs for different situations.
C1 01.4	Use relevant words as per context
C1 01.5	Deliver prepared speeches to express ideas, thoughts and emotions

Course Name :	C1 07	Course Year :	2016-17
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Course Name	Statements
C1 07.1	Utilize the skill necessary to be a competent communicator
C1 07.2	Apply the appropriate method of communication in various situations
C1 07.3	Compose dialogues and paragraphs for different situations.
C1 07.4	Use different formats of formal written skills.
C1 07.5	Use presentation skills focusing on body language.

Course Name :	C2 02	Course Year :	2017-18
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Course Name	Statements
C2 02.1	Perform Basic Operations on array(data structure)
C2 02.2	Apply different searching & sorting techniques
C2 02.3	Implement basic operations on stack & queue using array representation
C2 02.4	Implement basic operations on linked list
C2 02.5	Implement program to create & traverse tree & graph to solve problems

<b>Course Name :</b>	<b>C2 11</b>	<b>Course Year :</b>	<b>2017-18</b>
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<b>Course Name</b>	<b>Statements</b>
C2 11.1	Analyze the functional block of 8086 microprocessor
C2 11.2	Write assembly language program for given problem
C2 11.3	Use instructions for different addressing modes
C2 11.4	Develop an assembly language program using assembler
C2 11.5	Develop assembly language programs using procedure, macro and modular programming approach

<b>Course Name :</b>	<b>C3 03</b>	<b>Course Year :</b>	<b>2018-19</b>
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<b>Course Name</b>	<b>Statements</b>
C3 03.1	To understand CIA model and security attacks, also to identify the risks and threats.
C3 03.2	To understand role of people in security, biometrics and network security.
C3 03.3	To understand cryptography and learn transposition techniques, symmetric and asymmetric cryptography.
C3 03.4	To learn Firewall technique, VPN, Kerberos, security topologies, IDS, email security and IP security
C3 03.5	Learn different cyber-crimes and understand IT acts in India
C3 03.6	To understand web security for secure Operating Systems and applications.

<b>Course Name :</b>	<b>C3 12</b>	<b>Course Year :</b>	<b>2018-19</b>
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<b>Course Name</b>	<b>Statements</b>
C3 12.1	Understand architecture, memory management & multitasking of 80386 microprocessor
C3 12.2	Understand the superscalar architecture of Pentium
C3 12.3	Understand the Working of RISC & CISC processors
C3 12.4	Design a program in assembly language using different for different hardware interface
C3 12.5	Understand the logic and working principal of next generation processors.

**3.1.2 CO-PO matrices of courses selected in 3.1.1(Six matrices to be mentioned; one per semester from 1st to 6th semester) (5)**

Institute Marks

5.00

**1 . course name : C201**

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C101.1	2 ✓	- ✓	- ✓	- ✓	- ✓	- ✓	3 ✓
C101.2	2 ✓	- ✓	- ✓	- ✓	- ✓	- ✓	3 ✓
C101.3	2 ✓	- ✓	- ✓	- ✓	- ✓	- ✓	3 ✓
C101.4	2 ✓	- ✓	- ✓	- ✓	- ✓	- ✓	3 ✓
C101.5	2 ✓	- ✓	- ✓	- ✓	- ✓	- ✓	3 ✓
<b>Average</b>	<b>2.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.00</b>

**2 . course name : C207**

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C107.1	2 ✓	- ✓	- ✓	- ✓	- ✓	- ✓	3 ✓
C107.2	2 ✓	- ✓	- ✓	- ✓	- ✓	- ✓	3 ✓
C107.3	2 ✓	- ✓	- ✓	- ✓	- ✓	- ✓	3 ✓
C107.4	2 ✓	- ✓	- ✓	- ✓	- ✓	- ✓	3 ✓
C107.5	2 ✓	- ✓	- ✓	- ✓	- ✓	- ✓	3 ✓
<b>Average</b>	<b>2.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.00</b>

**3 . course name : C302**

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C202.1	1 ✓	2 ✓	1 ✓	1 ✓	- ✓	1 ✓	2 ✓
C202.2	1 ✓	2 ✓	2 ✓	1 ✓	1 ✓	2 ✓	2 ✓
C202.3	2 ✓	3 ✓	3 ✓	3 ✓	1 ✓	2 ✓	2 ✓

C202.4	2 ✓	3 ✓	2 ✓	2 ✓	1 ✓	2 ✓	2 ✓
C202.5	2 ✓	3 ✓	2 ✓	2 ✓	1 ✓	2 ✓	2 ✓
<b>Average</b>	<b>1.60</b>	<b>2.60</b>	<b>1.80</b>	<b>1.60</b>	<b>1.00</b>	<b>1.80</b>	<b>2.00</b>

4 . course name : C311

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C211.1	2 ✓	2 ✓	2 ✓	- ✓	2 ✓	2 ✓	2 ✓
C211.2	1 ✓	2 ✓	2 ✓	2 ✓	3 ✓	2 ✓	2 ✓
C211.3	2 ✓	2 ✓	2 ✓	2 ✓	2 ✓	2 ✓	2 ✓
C211.4	1 ✓	1 ✓	2 ✓	2 ✓	1 ✓	2 ✓	2 ✓
C211.5	2 ✓	2 ✓	2 ✓	2 ✓	2 ✓	1 ✓	2 ✓
<b>Average</b>	<b>1.60</b>	<b>1.80</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>1.80</b>	<b>2.00</b>

5 . course name : C403

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C303.1	2 ✓	3 ✓	3 ✓	- ✓	3 ✓	2 ✓	2 ✓
C303.2	3 ✓	2 ✓	2 ✓	2 ✓	3 ✓	2 ✓	2 ✓
C303.3	2 ✓	3 ✓	2 ✓	2 ✓	2 ✓	2 ✓	2 ✓
C303.4	1 ✓	1 ✓	2 ✓	2 ✓	1 ✓	2 ✓	2 ✓
C303.5	3 ✓	3 ✓	3 ✓	3 ✓	3 ✓	3 ✓	3 ✓
C303.6	3 ✓	3 ✓	3 ✓	3 ✓	3 ✓	3 ✓	3 ✓
<b>Average</b>	<b>2.20</b>	<b>2.40</b>	<b>2.40</b>	<b>2.25</b>	<b>2.40</b>	<b>2.20</b>	<b>2.20</b>

6 . course name : C412

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C312.1	1 ✓	2 ✓	2 ✓	1 ✓	- ✓	1 ✓	2 ✓

C312.2	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	2 ▼
C312.3	1 ▼	2 ▼	2 ▼	2 ▼	- ▼	1 ▼	2 ▼
C312.4	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	3 ▼	3 ▼
C312.5	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼	1 ▼	1 ▼
<b>Average</b>	<b>1.40</b>	<b>2.00</b>	<b>1.80</b>	<b>1.80</b>	<b>1.60</b>	<b>1.40</b>	<b>2.00</b>

1 . Course Name : C201

Course	PSO1	PSO2
C101.1	- ▼	- ▼
C101.2	- ▼	- ▼
C101.3	- ▼	- ▼
C101.4	- ▼	- ▼
C101.5	- ▼	- ▼
<b>Average</b>	<b>0.00</b>	<b>0.00</b>

2 . Course Name : C207

Course	PSO1	PSO2
C107.1	- ▼	- ▼
C107.2	- ▼	- ▼
C107.3	- ▼	- ▼
C107.4	- ▼	- ▼
C107.5	- ▼	- ▼
<b>Average</b>	<b>0.00</b>	<b>0.00</b>

3 . Course Name : C302

Course	PSO1	PSO2

C202.1	2	▼	1	▼
C202.2	2	▼	1	▼
C202.3	2	▼	3	▼
C202.4	2	▼	2	▼
C202.5	2	▼	3	▼
<b>Average</b>	<b>2.00</b>		<b>2.00</b>	

**4 . Course Name : C311**

Course	PSO1	PSO2
C211.1	1	▼
C211.2	-	▼
C211.3	-	▼
C211.4	2	▼
C211.5	2	▼
<b>Average</b>	<b>1.60</b>	<b>1.80</b>

**5 . Course Name : C403**

Course	PSO1	PSO2
C303.1	1	▼
C303.2	-	▼
C303.3	-	▼
C303.4	2	▼
C303.5	3	▼
C303.6	3	▼
<b>Average</b>	<b>2.25</b>	<b>2.80</b>

6 . Course Name : C412

Course	PSO1	PSO2
C312.1	2 ▼	2 ▼
C312.2	2 ▼	2 ▼
C312.3	2 ▼	2 ▼
C312.4	2 ▼	2 ▼
C312.5	1 ▼	1 ▼
<b>Average</b>	<b>1.80</b>	<b>1.80</b>

3.1.3 - A Program level Course-PO matrix of all courses INCLUDING first year courses (10)

Institute Marks

10.00

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C101	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	3 ▼
C102P	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼
C102C	3 ▼	2 ▼	1 ▼	1 ▼	1 ▼	- ▼	2 ▼
C103	3 ▼	2 ▼	2 ▼	1 ▼	1 ▼	- ▼	2 ▼
C104	3 ▼	3 ▼	2 ▼	1 ▼	1 ▼	2 ▼	2 ▼
C105	1 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	2 ▼
C106	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	2 ▼
C107	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	3 ▼
C108P	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	- ▼
C108C	3 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C109	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼
C110	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	2 ▼
C111	3 ▼	2 ▼	1 ▼	1 ▼	1 ▼	- ▼	2 ▼
C112	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	2 ▼
C113	2 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	2 ▼

C201	3	▼	1	▼	1	▼	1	▼	-	▼	2	▼
C202	2	▼	3	▼	2	▼	2	▼	1	▼	2	▼
C203	2	▼	3	▼	2	▼	2	▼	1	▼	2	▼
C204	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C205	2	▼	1	▼	2	▼	1	▼	1	▼	1	▼
C206	2	▼	2	▼	2	▼	2	▼	1	▼	2	▼
C207	2	▼	3	▼	2	▼	2	▼	1	▼	2	▼
C208	2	▼	2	▼	2	▼	2	▼	1	▼	1	▼
C209	2	▼	2	▼	2	▼	2	▼	1	▼	2	▼
C210	2	▼	2	▼	2	▼	1	▼	1	▼	2	▼
C211	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C212	2	▼	3	▼	2	▼	2	▼	1	▼	2	▼
C213	2	▼	2	▼	2	▼	2	▼	1	▼	2	▼
C214	3	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C301	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C302	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C303	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C304	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C305	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C306	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C307	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C308	2	▼	2	▼	2	▼	2	▼	1	▼	2	▼
C309	2	▼	2	▼	2	▼	2	▼	2	▼	1	▼
C310	2	▼	2	▼	2	▼	2	▼	1	▼	2	▼
C311	1	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C312	2	▼	2	▼	2	▼	2	▼	2	▼	1	▼
C313	1	▼	2	▼	2	▼	2	▼	1	▼	1	▼
C314	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼

C315	2	▼	2	▼	1	▼	2	▼	2	▼	2	▼	2	▼
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**3.1.3 - B Program level Course-PSO matrix of all courses INCLUDING first year courses**

Course	PSO1	PSO2
C101	-	▼
C102P	-	▼
C102C	-	▼
C103	1	▼
C104	2	▼
C105	1	▼
C106	1	▼
C107	-	▼
C108P	-	▼
C108C	-	▼
C109	2	▼
C110	1	▼
C111	1	▼
C112	1	▼
C113	1	▼
C201	1	▼
C202	2	▼
C203	2	▼
C204	2	▼
C205	-	▼
C206	2	▼
C207	2	▼
C208	-	▼

C209	2	▼	2	▼
C210	2	▼	2	▼
C211	2	▼	2	▼
C212	2	▼	2	▼
C213	2	▼	1	▼
C214	2	▼	1	▼
C301	2	▼	2	▼
C302	2	▼	2	▼
C303	2	▼	3	▼
C304	2	▼	2	▼
C305	2	▼	2	▼
C306	2	▼	1	▼
C307	2	▼	2	▼
C308	2	▼	2	▼
C309	1	▼	1	▼
C310	2	▼	2	▼
C311	2	▼	2	▼
C312	2	▼	2	▼
C313	2	▼	2	▼
C314	2	▼	2	▼
C315	2	▼	2	▼

### 3.2 Attainment of Course Outcomes (40)

Total Marks 40.00

#### 3.2.1 Describe the assessment processes used to gather the data upon which the evaluation of Course Outcome is based (10)

Institute Marks

10.00

There are basically two types of assessment methods in order to gather evidence of student learning. The assessment should be done through direct and indirect method as given below.

**1. Direct Method-** Direct methods are used to assess the students' knowledge and skills (Cognitive, Psychomotor and Affective) from their performance

Throughout the semester as well as by conducting term end examinations.

Various assessment tools used are as listed below.

1. Term End Theory Examination (TH)
2. Term End Practical/Oral /Project Examination (PR/OR)
3. Progressive Test Assessment (PA)
4. Continuous Assessment of Practical/Term work/Tutorials/Project (TW)
5. Online Exam

As per MSBTE Scheme external examination is required or not any above then assessment Tools is again categorised into following two.

1. Internal Assessment Tools

2. External Assessment Tools

Table 3.2.1a Direct assessment Tools

Direct Assessment Tools(Internal)					
Sr. No	Direct Assessment Method	Description of the Assessment Process	Assessment Frequency	Assessed By	Formats Required for Data Collection
1	Progressive Tests (PST)	<p>1. As per the teaching scheme of MSBTE, two unit tests of each theory subject are conducted. It is a metric to continuously assess the attainment of course outcomes w.r.t course objectives. Sessional marks to be communicated to MSBTE shall be as per teaching Examination scheme</p> <p>2. The feedback regarding the assessment is given to the students in the class room for betterment.</p>	Twice in a Semester	Course in-charge	CIAAN norms 2012-13 Format No. D3
2	Continuous Assessment of Practical/Term work/Sessional Tests/Tutorials/Project (TW/SW/IPR)	1. Continuous Assessment is one of the measuring criteria to assess student practical knowledge & their skills like Cognitive Psychomotor and Affective as well as punctuality in attending the laboratory work.	After Completion of each experiment	Course in-charge	CIAAN norms 2012-13 2012-13 Format No. D4, D6

3	Term End Practical/Oral /Project Examination (PR/OR)	2. End term laboratory practical examination is the measure of attainment of course outcome which is mentioned in the curriculum.	Once in Semester	Course in-charge as internal examiner	CIAAN norms 2012-13 Format No. D5
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#### Direct Assessment Tools(External)

Sr. No	Direct Assessment Method	Description of the Assessment Process	Assessment Frequency	Assessed By	Formats Required for Data Collection
1	End Term Final Theory examination	1. The MSBTE theory examination is more focused on attainment of course outcome and program outcome using descriptive exam. 2. After declaration of MSBTE result, class, division, subject wise result analysis is carried out at department level. 3. MSBTE provide theory score index is used as standard target and calculating the numbers of students scoring above the set standards with the help of MSBTE theory exam.	Once in Semester	MSBTE board/ External Assessor	MSBTE Result Gazette Copy
2	Term End Practical/Oral /Project Examination (PR/OR)	1. End term laboratory practical /oral examination is the measure of attainment of course outcome which is mentioned in the curriculum.	Once in Semester	External Assessor	CIAAN norms 2012-13 Format No. D5
3	Online Exam	1. Online end semester exam is conducted by MSBTE for some courses as mention in curriculum	Once in Semester	MSBTE board/ External Assessor	MSBTE Result Gazette Copy

**2. Indirect Method-** Indirect methods such as alumni survey, student feedback, exit student feedback which reflect the opinion & thought about the diploma student knowledge & skills and their valued for different stake holders.

Table 3.2.1b Indirect assessment Tools

Sr. No.	Indirect Assessment Method	Description of the Assessment Process	Assessment Frequency	Assessed By
1	Alumni feedback	Collected variety of information about program satisfaction and institute from alumni students of institute. Relevant questionnaire in exit survey form to evaluate attainment of POs and PSOs is prepared to record their responses.	Once in Year	Departmental T&P Officer
2	Program Exit feedback	An exit survey is conducted for students who have graduated out of the department. Relevant questionnaire in exit survey form to evaluate attainment of POs and PSOs is prepared to record their responses.	Once in Year	Departmental T&P Officer

### 3.2.2 Record the attainment of Course Outcome of all courses with respect to set attainment levels (30)

Institute Marks

30.00

#### Measuring Course Outcomes attained through board examinations

(Target may be stated in terms of percentage of students getting more than the Board average marks or more as selected by the Program in the final examination. For cases where the Board does not provide useful indicators like average or median marks etc., the program may choose an attainment level on its own with justification.)

Course outcome attainment levels are set separately for external and internal assessments as given below.

#### Setting attainment levels for performance through External Assessment

MSBTE provide minimum passing percentage for board examinations as theory score index (TSI), that TSI is set as target to decide attainment level for external assessment. therefore percentage of student scoring less than TSI marks is considered as zero level of attainment (i.e. no attainment) and accordingly levels 1, 2 and 3 ( low, moderate and high) are set as defined below.

- Attainment Level 1: 50% - 54.99% students scoring more than board TSI marks in external assessment is considered to be attainment of Level "1".
- Attainment Level 2: 55% - 59.99% students scoring more than board TSI marks in external assessment is considered to be attainment of Level "2".
- Attainment Level 3: 60% & above students scoring more than board TSI marks in external assessment is considered to be attainment of Level "3" .

#### Setting attainment levels for performance through Internal Assessment

Internal assessment tools comprises unit test, continuous assessment term work, internal practical exams. For unit test set assessment level are in terms of percentage of students getting more than class average marks but the class average marks for unit test is too low , here decided set assessment level for unit test is 40% marks and accordingly levels 1, 2 and 3 ( low, moderate and high) are set as defined below.

Attainment level 1: 50% - 54.99% students scoring marks more than 40% marks out of the relevant Maximum marks in unit test.

Attainment level 2: 55% - 59.99% students scoring marks more than 40% marks out of the relevant Maximum marks in unit test.

Attainment level 3: 60% & more students scoring marks more than 40% marks out of the relevant Maximum marks in unit test.

Internal assessment tool also comprises of continuous assessment/TW marks, internal practical marks given by respective course co-ordinator from performance in the continuous assessment for laboratory work. Here the assessment levels are set in terms of percentage of students getting more than set assessment marks in internal assessment, as given below.

Attainment level 1: 40% - 49.99% students scoring marks more than 60% marks out of the relevant maximum marks in Internal Assessment.

Attainment level 2: 50% - 59.99% students scoring marks more than 60% marks out of the relevant maximum marks in Internal Assessment.

Attainment level 3: 60% & more students scoring marks more than 60% marks out of the relevant maximum marks in Internal Assessment..

**Note:**

- As the information on performance in external TH and PR/OR for each student in individual COs is not available, the Institution/Department has to take that attainment (percentage marks) for all COs of the course is the same.
- As evaluation of continuous assessment/TW, Internal Practical End semester Exam is done by developing rubric of cluster of skills from cognitive, psychomotor and affective learning domains thorough proper mix of COS, hence same attainment level is considered for all Cos.

E.g. Specimen sheet of analysis of CO Attainment for the Microcontroller course is as shown below, (Academic year 2016-17 admitted batch; passed out academic year 2018-19) (TH: Theory PR/OR: Practical/Oral PT: Progressive Test TW: Term work)

Course Name :	Data Structure Using C (DSU)
Course Code :	17330
Program/Semester:	III rd Sem (CO3G Scheme)
Academic Year :	2017-18

DIRECT CO ASSESSMENT TOOL/COURSE EVALUATION PLAN	TH-PA		PA-TW	PR-ESE	TH-ESE	TOTAL
	U.Test I	U.Test II	PA_Term Work	Practical Exam	E.S.E. Board	
MAX MARKS AS PER TEACHING SCHEME	10	25	50	100	185	
INDIVIDUAL WEIGHTAGE (%)	5.41	13.51	27.03	54.05	100	

Note- Individual weightage for each internal and external tool are varying as per MSBTE teaching scheme for each course.

Attainment for theory progressive assessment is shown as below

**Evaluation of AnswerSheets for Unit Tests**  
**Internal Assessment ( Direct Mode)**

Course Name	Data Structures Using C (DSU)
Course Code	IT3306
Program/Semester	III rd Sem (COG Scheme)
Academic Year	2017-18

Sl No	Enrollment ID	Student Name	UNIT TEST I										UNIT TEST II										CO A max. Maria	CO B max. Maria	CO C max. Maria	CO D max. Maria	CO E max. Maria	N. TEST I & TEST II			
			Q1					Q2					Q3					Q1													
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)			
1	1601360018	APSIKESWAR SUNAYANA SUNIL	3	2	3	2	1	3	4	3	4	4	3	3	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	3	
2	1601360016	BRANSIKER PALLAVI MUKUND	3	2	3	2	1	3	4	4	3	4	3	3	3	2	3	2	3	3	2	3	2	3	2	3	2	3	2	3	
3	1601360014	BIRADAR SHABHANI ASHOK	2.5	2	3	2	1	3	2	1	2	2	3	0	1	4	1	3	4	2.2	7	2.2	7	17.5	22	17.5	22	17.5	22		
4	1601360009	BIRALDAR MADHURI MADHUKAR	2	3	3	1	4	3	2	4	3	3	3	4	4	4	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4
5	1601360019	BIRALDAR SHIVKANYA RAM	3	2	0	3	1	3	4	4	3	2	3	4	4	2	4	4	6	12	26	26	26	26	26	26	26	26	26		
6	1601360046	BIRALDAR SRUSHTI MAHADEV	2	2	3	1	4	4	2	3	1	3	2	1	2	3	4	3	3	2	3	4	3	2	3	4	3	2	3	4	
7	1601360047	CHAUDHARI SNEHA SAMBHAI	2	2	3	1	2	1	3	2	3	3	2	3	0	1	0	0	2	5	8	8	6	15	12	15	12	15	12		
8	1601360048	DALVI ASHWINI SHIVAJI	2	2	3	1	4	3	2	4	3	3	0	2	2	4	0	2	0	3	9	28	9	21	16	21	16	21	16		
9	1601360027	DHAGE POOJA UMESH	2	2	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
10	1601360043	DHUMAL SUMITA MADHAVRAO	3	2	2	3	1	4	3	5	4	2	1	3	4.5	3	3	4	2	3	22.3	28	28	28	28	28	28	28	28		
11	1601360056	DIVATE VAISHALI VAJANATHRAO	2	2	0	3	3	4	2	3	3	3	1	2	2	4	1.5	3	3	4	27	4	9.5	16	22.5	22	17.5	22	17.5	22	
12	1601360059	GARYAD RUPA JALIL	2	2	2	1.5	2	1.5	1	3	2	1.5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	1601360043	GAVRE ANJALI NARSING	2.5	2	2	3	1	3	2	1	1	1	3	2	1	1	2	2	0	2.5	20	7	2	9	19.5	14	14	14	14	14	
14	1601360038	GHAVALIKA SHRADDA RADHAKRISHNA	2	2	2	2	2	1	1	1	1	2	2	0	2	0	0	0	0	2	7.5	4	3	3	11.5	9	11.5	9	11.5	9	
15	1601360050	GOMARE GURAVINI SHIVRAJ	1	2	2.5	1	2	4	1	0	3	2	2	4	3.5	0	4	2.2	6	7	6	9.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5		
16	1601360051	GORE ASHWINI UMBRAJ	2	2	3	1	0	0	0	0	0	2	2	2	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	1601360166	GORE RAJSHRI BALAJI	2	2.5	3	0	0	2	3	2	3	3	2	4	4	2	3	2	3	2.2	6	9	14.5	11	14.5	11	14.5	11			
18	1601360073	GUTAMALI GITALA KAMALI MARGITA	2	2	3	1	3	2	1	4	3	1	1	1	2	4	1.5	3	3	4	27	23.3	28	10.5	14.5	14.5	14.5	14.5	14.5		
19	1601360027	GUDALI SURESH ANIL	2	2	3	0.5	0.5	1	1	1	2	2	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
20	1601360052	JADHAV MAYURI SATISH	2.5	2	3	1	3	2.5	1.5	2	0.5	1	2	1	1	4	1	4	1	4	2	7	8	13	14	14	14	14	14		
21	1601360053	JADHAV SEJAL ISMAIL	2	2	0	2	3	0	4	0.5	3	0.5	3	3	4	2	1	2	6	2	24.5	28	5	20.5	20	20	20	20	20		
22	1601360063	JOGI GEETA GORAKHNAHAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
23	1601360077	KALE ASHWINI BHAGWAN	2	1.5	3	2	2.5	3	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
24	1601360027	KALE MOHINI JEYAN	3	2.5	3	0	4	3.5	4	2.5	3	3	0.5	4	4	4	6	10	17.5	4	6	7	14.5	6	14.5	6	14.5	6			
25	1601360140	KALWALE RAJESHIBHAWAR	2.5	0	0	3	0	1	1.5	0	0	3	0	0	0	0	0	0	0	2.2	3	6	8	18	15.5	15.5	15.5	15.5	15.5		
26	1601360174	KAMBLE KAJAL BHALCHANDRA	1	0	0	2	1	3	2.5	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
27	1601360076	KAMBLE SHRUTI PANDHARINATH	2	3	0	3	2	1	2.5	0	0	2	3	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	1601360044	KAMBLE VAISHNAVI SHIRMANT	2	2.5	3	0	2	2	3.5	1	3	1	0.5	1	1	4	2	3	2	22.5	6	16	12.5	12.5	12.5	12.5	12.5	12.5	12.5		
29	1601360088	KARANDE MADANKINI BALAJI	2.5	2.5	3	2.5	2.5	2	0.5	1	2	2	2	2	2	4	0.5	2.5	7	8.5	4	9	15.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	
30	1601360087	KARPIS SONALI SANJAY	2.5	2.5	3	5	2	3	4	1	3	3	1	3	4	2	3.5	2	9	18	4	11	20.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	
31	1601360081	KARATE POOJA DHARMIRAJ	3	2.5	3	5	2	3	4	0.5	0.5	3	3	4	1	3.5	2	6	4.5	22	7	7.5	16.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	
32	1601360096	KOYALE SHRADDHA SANJAY	3	2	2	0	0	4	2	0	0	3	3	2	0	2	1	0.5	2	3	8	8	13	13.5	13.5	13.5	13.5	13.5	13.5	13.5	
33	1601360006	KSHIRSAGAR RAJANI VILAYKUMAR	3	2.5	3	2	0	4	3	4	3	3	3	4	0	4	2	6	7	12.5	7	7	21.5	19	19	19	19	19	19	19	
34	1601360099	KSHIRSAGAR YOGITA BHARATRAO	2.5	0	3	1	0	0	1	3	2	3	3	4	4	0	0	3.5	4	18.5	7	2	13	16	16	16	16	16	16		
35	1601360101	KURUD SHRINEETA SHIRKANT	3	3	1	4	4	4	4	3	3	3	4	4	4	4	4	4	12	24	4	14	23	25	25	25	25	25			
36	1601360043	LAGADE PRADnya MILIND	2	2	2.5	1	1	0.5	2	2	2	2	0	0	3	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	
37	1601360105	MALVADKAR PRITYANKA MANOJ	3	2	0	3	3	2.5	2	4	1	3	2	1	0.5	4	1	4	1	4	6.5	18	3.5	8	22.5	17.5	17.5	17.5	17.5	17.5	
38	1601360239	MANE DIPALI SANJAY	3	0	3	3	3	2	4	3.5	4	3	3	2	4	3	4.5	6	12	26	6	11	25.5	26.5	26.5	26.5	26.5	26.5	26.5		
39	1601360107	MANE SNEHA LAXMAN	2.5	2	0	3	0	2.5	2	0	1	3	2	0	0	1	1	0	3.5	4	6	2	3	13	8	8	8	8	8	8	

40	1601360114	MATOLE PRIYANKA DILIP	3	3	1	3	3	2	1	0	1	3	2	0.5	1	0	0	0	2.5	2	2	4	4	1	4	3.5	4	2.5	3.5	2	3	25
41	1601360112	MUTHIYE RADHA GORAKH	0.5	3	1	2	1	0	1	0	1	3	2	0.5	1	0	0	0	0.5	2	2	4	4									

Attainment Level	3	1	2	1	2
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External assessment for End Semester Exam (TH and PR ESE) and internal assessment PA-TW is given below

**Course Code -17330**

**Data Structure Using C -DSU**

<b>Sr. No</b>	<b>Enrolment No</b>	<b>TH-ESE</b>	<b>PA-TW</b>	<b>PR-ESE</b>
		<b>100</b>	<b>25</b>	<b>50</b>
1	1601360018	78	21	42
2	1601360016	78	21	44
3	1601360014	71	22	46
4	1601360069	89	20	44
5	1601360039	78	23	48
6	1601360046	70	22	44
7	1601360047	69	22	42
8	1601360052	72	21	39
9	1501360102	24	14	25
10	1601360141	73	21	40
11	1601360056	75	19	38
12	1601360030	48	18	37
13	1601360043	77	21	38
14	1601360138	43	20	38
15	1601360010	56	21	40
16	1601360033	48	19	35
17	1601360166	60	20	40
18	1601360061	63	18	38
19	1601360027	40	17	26
20	1601360022	65	20	37
21	1601360063	80	22	42
22	1601360066	40	14	30
23	1601360073	31	18	28

24	1601360077	84	21	41
25	1601360140	55	17	35
26	1601360174	30	18	33
27	1601360086	60	18	32
28	1601360044	75	18	31
29	1601360088	79	20	41
30	1601360007	78	22	45
31	1601360091	72	18	40
32	1601360096	62	22	44
33	1601360006	77	22	46
34	1601360099	59	19	38
35	1601360102	88	23	48
36	1601360041	42	15	26
37	1601360105	72	20	42
38	1601360239	72	21	42
39	1601360107	22	16	38
40	1601360114	82	21	41
41	1601360112	67	17	37
42	1601360024	69	20	41
43	1601360117	63	21	43
44	1601360118	47	19	35
45	1601360119	50	19	37
46	1601360120	32	17	37
47	1601360121	59	20	42
48	1601360122	67	18	42
49	1601360124	62	19	39
50	1601360126	75	22	47
51	1601360169	59	20	41
52	1601360005	47	18	39

53	1601360128	30	18	42
54	1601360129	63	21	42
55	1601360172	63	18	37
56	1601360142	74	20	41
57	1601360031	79	23	48
58	1601360131	59	20	40
59	1601360133	71	18	38
60	1601360134	69	20	38
61	1601360136	75	19	44
62	1301360074	Disallowed	AB	AB
63	1701360286	58	16	38
64	1701360291	AB	18	AB
65	1701360288	61	17	40
66	1701360283	72	16	42
67	1701360311	57	19	41
68	1701360285	40	16	37
69	1701360289	45	16	35
70	1701360287	45	16	34
71	1701360284	30	14	29
72	1701360290	AB	16	AB
73	1701360282	Disallowed	AB	AB

<b>Total No. Of Students</b>	<b>71</b>		
<b>Max Marks</b>	<b>100</b>	<b>25</b>	<b>50</b>
Target Defined	45.87	15	30
Total no. of students scoring more than target	54	68	64
% of student above target Marks	76	95	90

Attainment Level	3	3	3
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**Note-**For external ESE target defined as per MSBTE Board TSI, for internal progressive TW target is decide by internal faculty is 60%.

In case of ESE, PR, TW same attainment level consider for all CO.

Direct attainment calculated by same method for all courses.

CO's	Direct Attainment			
	Internal Tool		External Tool	
	TH-PA	PA-TW	PR-ESE	TH-ESE
CO1	3	3	3	3
CO2	1	3	3	3
CO3	2	3	3	3
CO4	1	3	3	3
CO5	2	3	3	3
Average Attainment	2	3	3	3
Individual Weightage (%)	5.41	13.51	27.03	54.05
Direct Total Attainment	0.24	0.50	0.70	1.40
Total course attainment	2.84			

<b>Overall weightage</b>	<b>100%</b>
<b>Overall direct course attainment</b>	<b>2.84</b>

### 3.3 Attainment of Program Outcomes and Program Specific Outcomes (40)

Total Marks 40.00

#### 3.3.1 Describe assessment tools and processes used for assessing the attainment of each POs and PSOs as mentioned in Annexure 1 (10)

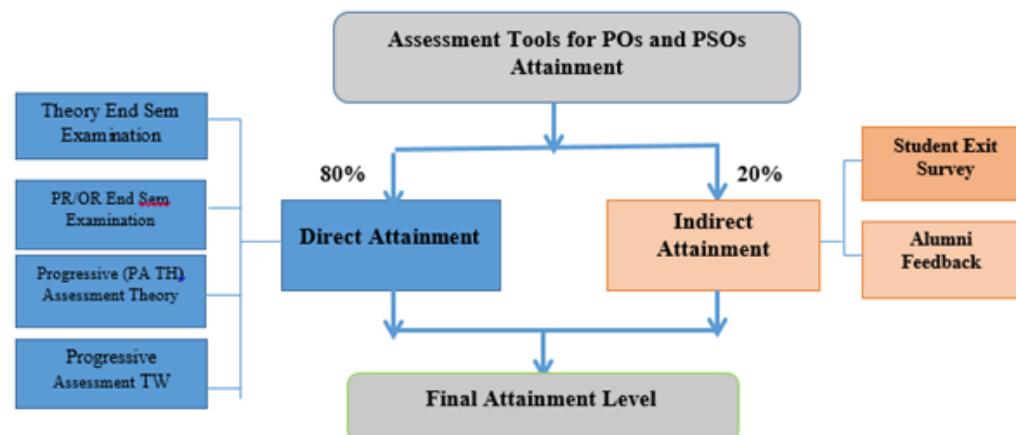
Institute Marks

10.00

Assessment tools used for assessing the attainment of each POs and PSOs is described as follows

1. In each course of curriculum, the outcomes are defined/set by respective faculty member of the course.
2. The COs of each course are mapped with POs and PSO. This mapping is done over the scale of 1 to 3, where; 1 is Low, 2 is Medium and 3 is high.
3. This mapping matrix is presented in Table 3.1.4 which shows the mapping matrix of CO and POs/PSOs of all the courses of the program including First year courses as well as elective courses of the program.
4. By using different assessment (internal and external) tools overall direct CO attainment is calculated for each course.
5. Direct PO/PSOs attainment calculated by following formula

Assessment tools used for assessing the attainment of each POs and PSOs is shown below



**Figure: Assessment tools used for assessing the attainment of each POs and PSOs**

**Direct PO/PSOs attainment value = (PO/PSO value of corresponding course PO /PSO matrix X Overall CO Attainment value for the same course)/ 3 (maximum attainment level)**

Example of direct PO attainment calculation for Course DSU- Data Structure Using C is given below

PO's / Attainment Level Calculations		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
Average Contribution of each CO to each PO/PSO (A)	A	2	3	2	2	1	2	2	2	3
Overall Course Attainment (B)	B	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88
Direct attainment level	C=(AxB)/3	1.92	2.88	1.92	1.92	0.96	1.92	1.92	1.92	2.88

1. For indirect attainment feedback from different stakeholders are consider.
2. Total attainment is calculate for each course = 80% of direct attainment + 20% of indirect attainment.

### 3.3.2 Provide results of evaluation of each PO & PSO (30)

Institute Marks

30.00

#### PO Attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C101	2	0	0	0	0	0	3
C102P	1.32	1.32	1.49	1.32	1.65	1.65	1.49
C102C	3	2	1	1	1	0	2
C103	3	2	2	1	1	0	2
C104	1.8	1.7	1.2	0.8	0.7	1.5	1.3
C105	1	1	1	2	1	1	2
C106	2	1	1	1	1	1	2
C107	2	0	0	0	0	0	3
C108P	2.45	1.64	1.64	1.64	1.64	1.64	0
C108C	3	2	1	1	1	1	1

C109	1.66	1.84	1.84	1.61	1.48	1.84	1.84
C110	1.4	1.2	1.4	1.2	1.2	1.2	2
C111	3	2	1	1	1	0	2
C112	1.4	1.2	1.4	1.2	1.2	1.2	2
C113	1.67	1.6	1.8	1.6	1.4	1.2	2.2
C201	2.84	1.33	0.95	0.95	0.95	0	1.52
C202	1.54	2.5	1.73	1.54	0.96	1.73	1.92
C203	1.87	1.87	1.87	0.94	1.87	0.94	1.87
C204	2	1.8	2.2	2	2	2.2	2.2
C205	1.6	1	1.4	1.2	1	1	2
C206	2	2	1.8	1.6	1	1.8	2
C207	1.6	2.6	1.8	1.6	1	1.8	2
C208	2	2	1.67	1.6	1.2	1.25	2
C209	1.8	2	1.4	1.6	1	1.67	2
C210	1.7	1.89	1.51	1.33	1.14	1.7	2.08
C211	1.54	1.73	1.92	1.92	1.92	1.73	1.92
C212	2.2	2.6	1.8	1.6	1	1.8	2
C213	1.8	1.4	1.8	1.6	1	1.75	2
C214	2.67	2	2	2	1.67	1.67	2
C301	1.8	1.8	1.75	1.6	1.5	1.5	2
C302	1.27	1.15	1.15	1.15	1.04	1.27	1.15
C303	2.15	2.34	2.34	2.19	2.34	2.15	2.15
C304	2	2	2	1.6	1.4	2	2
C305	1.8	2	2	1.6	1.4	1.2	2
C306	2	2	2	2	1.8	1.6	2
C307	2	1.8	1	1.6	1.2	1.5	2.2

C308	2	1.75	1.75	1.6	1.2	1.6	2
C309	2	2	2	1.5	1.34	1	2.2
C310	2.2	2.2	2	2	1.2	1.6	2.4
C311	1.4	2	2	1.8	1.67	1.6	2.2
C312	1.8	2	1.8	1.8	1	1.4	2
C313	1.4	2	2	1.8	1.34	1.4	2.2
C314	2	2	2	2	1.8	2.2	2.2
C315	1.75	1.75	1	1.67	1.5	1.5	2.25

#### PO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7
Direct Attainment	1.94	1.81	1.63	1.52	1.30	1.52	2.01
InDirect Attainment	2.68	2.6	2.6	2.50	2.57	2.69	2.63
PO Attainment	2.09	1.97	1.82	1.72	1.55	1.75	2.13

#### PSO Attainment

Course	PSO1	PSO2
C101	0	0
C102P	0	0
C102C	0	0
C103	1	0
C104	1	0
C105	1	1
C106	1	1

C107	0	0
C108P	0	0
C108C	0	0
C109	1.57	1.84
C110	1.57	1.4
C111	1	0
C112	1.57	1.4
C113	1.57	1
C201	1	0
C202	1.92	1.92
C203	1.87	1.87
C204	1.62	2
C205	0	0
C206	2	1
C207	2	2
C208	0	0
C209	1.8	1.6
C210	1.7	1.89
C211	1.62	1.73
C212	2	1.8
C213	2	1
C214	2	1.34
C301	1.8	1.8
C302	1.15	1.15
C303	1.1	2.73
C304	1.6	1.6
C305	1.5	1.25

C306	1.67	1
C307	1.8	1.6
C308	1.6	1.4
C309	1	1
C310	1.6	1.6
C311	2	2
C312	1.8	1.8
C313	2	2
C314	1.5	2
C315	1.58	1.58

#### PSO Attainment Level

Course	PSO1	PSO2
Direct Attainment	1.57	1.57
InDirect Attainment	2.68	2.58
PSO Attainment	1.79	1.77

4 STUDENTS' PERFORMANCE (200)

Total Marks 136.27

Institute Marks

#### Intake Information:

Table 4.1

Item	2019-20 (CAY)	2018-19 (CAYm1)	2017-18 (CAYm2)	2016-17 (CAYm3)	2015-16 (CAYm4)	2014-15 (CAYm5)
Sanctioned intake strength of the program((N)	60	60	60	60	60	60
Total number of students, admitted through state level counseling (N1)	69	63	63	63	63	63
Number of students, admitted through Institute level quota (N2)	0	0	0	0	0	0
Number of students, admitted through Lateral Entry (N3)	0	6	12	11	18	11
Total number of students admitted in the programme(N1 + N2 + N3)	69	69	75	74	81	74

**Table 4.2**

Year of entry	Total No of students admitted in the program (N1 + N2 + N3)	Number of students who have successfully passed without backlogs in any year of study		
		I year	II year	III year
2019-20	69	0	0	0
2018-19	69	24	0	0
2017-18	75	39	36	0
2016-17 (LYG)	74	41	43	38
2015-16 (LYGm1)	81	34	38	34
2014-15 (LYGm2)	74	35	22	22

**Table 4.3**

Year of entry	Total No of students admitted in the program(N1 + N2 + N3)	Number of students who have successfully graduated in stipulated period of study) [Total of with Backlog + without Backlog]		
		I year	II year	III year
2019-20	69	0	0	0
2018-19	69	56	0	0
2017-18	75	57	55	0
2016-17 (LYG)	74	60	64	56
2015-16 (LYGm1)	81	54	62	55
2014-15 (LYGm2)	74	55	59	54

**4.1 Enrolment Ratio (20)**

Total Marks 20.00

Institute Marks

20.00

	N (From Table 4.1)	N1 + N2 (From Table 4.1)	Enrollment Ratio [(N1 + N2 / N)*100]
2019-20	60	69	115.00
2018-19	60	63	105.00
2017-18	60	63	105.00

Average [ (ER1 + ER2 + ER3) / 3 ] : 108.33

Assessment : 20.00

**4.2 Success Rate in the stipulated period of the program (60)**

Total Marks 30.87

**4.2.1 Success rate without backlogs in any year of study (40)**

Institute Marks

16.40

Item	Latest Passed Batch (2017-18)	Latest Passed Batch minus 1 Batch (2016-17)	Latest Passed Batch minus 2 Batch (2015-16)
Total Number of students (X) (admitted through state level counseling + admitted through Institute on Level quota + admitted through Lateral entry) (N1 + N2 + N3)	74.00	81.00	74.00
Number of students who have graduated without backlogs in the stipulated period (Y)	38.00	34.00	22.00
Success Index [ SI = Y / X ]	0.51	0.42	0.30

Average SI [ (SI1 + SI2 + SI3) / 3 ] : 0.41

Assessment [40 \* Average SI] : 16.40

#### 4.2.2 Success rate in stipulated period (20)

Institute Marks

14.47

Item	Latest Year of Graduation, LYG (2016-17)	Latest Year of Graduation minus 1, LYGM1 (2015-16)	Latest Year of Graduation minus 2 LYGM2 (2014-15)
Total Number of students (X) (admitted through state level counseling + admitted through Institute on Level quota + admitted through Lateral entry) (N1 + N2 + N3)	74.00	81.00	74.00
Number of students who have passed in the stipulated period (Y)	56.00	55.00	54.00
Success Index [ SI = Y / X ]	0.76	0.68	0.73

Average SI[ ( SI1 + SI2 + SI3 ) / 3 ]: 0.72

Assessment [20 \* Average SI] : 14.47

#### 4.3 Academic Performance in Final Year (15)

Total Marks 9.90

Institute Marks  
9.90

<b>Academic Performance</b>	<b>2016-17 (LYG)</b>	<b>2015-16 (LYGm1)</b>	<b>2014-15(LYGM2)</b>
Mean of CGPA or mean percentage of all successful students(X)	7.65	7.55	7.22
Total number of successful students(Y)	56.00	55.00	54.00
Total number of students appeared in the examination(Z)	64.00	64.00	59.00
API [ X*(Y/Z) ]:	6.69	6.49	6.61

Average API [ (AP1 + AP2 + AP3)/3 ] : 6.60

Assessment [1.5 \* AverageAPI] : 9.90

#### 4.4 Academic Performance in Second Year (20)

Total Marks 11.96

Institute Marks  
11.96

<b>Academic Performance</b>	<b>2017-18(CAYm2)</b>	<b>2016-17(LYG)</b>	<b>2015-16(LYGM1)</b>
Mean of CGPA or mean percentage of all successful students(X)	7.00	7.02	7.00
Total number of successful students (Y)	55.00	64.00	62.00
Total number of students appeared in the examination (Z)	69.00	71.00	72.00
API [ X * (Y/Z) ]	5.58	6.33	6.03

Average API [ (AP1 + AP2 + AP3)/3 ] : 5.98

Assessment [ 2.0 \* AverageAPI ] : 11.96

#### 4.5 Academic Performance in First Year (25)

Total Marks 16.34

Academic Performance	2018-19 (CAYm1)	2017-18 (CAYm2)	2016-17 (LYG)
Mean of CGPA or mean percentage of all successful students(X)	7.23	7.18	7.01
Total number of successful students(Y)	56.00	57.00	60.00
Total number of students appeared in the examination(Z)	63.00	63.00	63.00
API [ X*(Y/Z) ]:	6.43	6.50	6.68

Average API [ (AP1 + AP2 + AP3)/3 ] : 6.54

Assessment [2.5 \* AverageAPI] : 16.34

#### 4.6 Placement and Higher Studies (40)

Total Marks 29.20

Item	2016-17 (Last Year Graduate,LYG)	2015-16 (Last Year Graduate Minus 1 Batch,LYGm1)	2014-15 (Last Year Graduate Minus 2 Batch,LYGm2)
Total No of Final Year Students(N)	65.00	60.00	60.00
No of students placed in the companies or government sector(X)	0.00	0.00	0.00
No of students admitted to higher studies (Y)	45.00	48.00	42.00
No. of students turned entrepreneur in the respective field of engineering/technology (Z)	0.00	0.00	0.00
Placement Index [((1.25 * X) + Y + Z) / N ]:	0.69	0.80	0.70

Average Placement [ (P1 + P2 + P3)/3 ] : 0.73

Assessment [ 40 \* Average Placement] : 29.20

Provide the placement data in the below mentioned format with the name of the program and the assessment year (separately for CAYm1, CAYm2 and CAYm3):

Program Name : Computer Engg.

Assessment Year : 2018-19 (CAYm1)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	NIL	0	NIL	0

Assessment Year : 2017-18 (CAYm2)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	NIL	0	NIL	0

Assessment Year : 2016-17 (CAYm3)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	NIL	0	NIL	0

#### 4.7 Professional Activities (20)

Total Marks 18.00

##### 4.7.1 Professional societies/ student chapters and organizing technical events (10)

Institute Marks

10.00

##### A. Availability of Professional Societies/Chapters & Relevant activities (5)

Institute Marks

5.00

At institute level ISTE chapter (No.LM-722) is formed and is fully functional. All students of Government Residential Women's Polytechnic, Latur are members of ISTE chapter. Computer Department organizes expert lectures, workshops, and quiz competitions under this chapter at departmental level or at institutional level. At the time of admission students are offered membership valid for whole program study duration. Part of membership fees retained by the Institute is utilized for conducting various technical and professional activities like expert lectures, workshops, and quiz competitions etc.

##### ISTE Institute Membership Certificate (LM-722)



No 772

FOUNDED 1907

Devoted to promotion of quality and standards in technical education

**THE INDIAN SOCIETY FOR  
TECHNICAL EDUCATION**

By this Certificate warrants that

Govt. Women's Residential Polytechnic

LATUR

was duly admitted by the Executive Council as

**INSTITUTIONAL MEMBER**of the Society and is fully entitled to all the privileges  
granted by the constitution and bye-laws

1996

EXECUTIVE SECRETARY

2020-1-31-12:15

**Following Activities are organized under ISTE student chapter.**

Sr. No	Name of Expert	Topic	Subject	Semester	Name of Inviting Faculty
<b>Academic Year 2019-20</b>					
1	Mr. Ganesh STEP- Software Technologies Excellence Program, Hyderabad - 500032	Thought Works	Entrepreneurship Development	All branch final year students	Mr. S V Chavan
2	Mr. Solunke T S Iconic IT Services Pvt. Ltd. Latur- 413531	Ethical Hacking	Computer security	CO5I & CO3I	Ms. M G Mulge, Ms. A S Patil

3	Ms. Panji P P Iconic IT Services Pvt. Ltd. Latur- 413531	IoT	Advance Network Management	CO5I & CO3I	Ms. M G Mulge, Ms. A S Patil
4	Mr. Shubham Jain Sr. Software Engineer Exl Software Solution	Career Guidance	In Computer and Information technology	CO6I	Ms. R D Kasar & Mr. Ambure A D
5	Prof. D D Date, Prof A P Mane , Prof. U V Kawade	Career after Diploma	Entrepreneurship Development	CO6I	Ms. M G Mulge, Ms. A S Patil

#### Academic Year 2018-19

1	Mrs. Swami Varsha VA <sup>3</sup> IT Services Pvt. Ltd. Latur- 413531	Ethical Hacking	Computer Security	CO5G	Ms. M G Mulge,
		Cloud Computing	Database Management system	CO3G	Ms. A S Patil
2	Sonali A Mustare Synechis Aquilam Solutions Pvt. Ltd. Pune	Awareness about IT Technologies	Operating system	CO5G	Ms. M G Mulge,
			Programming Languages	CO3G	Ms. A S Patil
3	Abhijeet A. More CYIN Solutions Pvt. Ltd. Pune	Internet Security	Software Testing and Security	CO6G	Ms. M G Mulge, Ms. R D Kasar
4	Mr. Ganesh STEP- Software Technologies Excellence Program, Hyderabad - 500032	Thought Works	EDP	CO6G	Mr. S V Chavan, Mr. S V Kendre

#### Academic Year 2017-18

1	Mrs. Swami Varsha VA3 IT Services Pvt. Ltd. Latur- 413531	Career Opportunities in IT Industry (18/8/2017)	PPO	CO5G	Ms. M G Mulge , Ms. A S Patil

				CO3G	
2	Mr.Abhijit More CYIN PVT Ltd.Pune	One Day Workshop on Internet Security (29/07/2017)	Computer Security	CO5G	Ms. M G Mulge, Ms. R.D.Kasar
3	Mr. Avinash Jadhav, Mr.Mangesh Gahirwar MINDLABZ S/W Solutions Pvt Ltd ,Latur	Basic Concept of ASP.Net (19/2/2017)	IPR	CO5G	Ms. M G Mulge, Ms. A S Patil
4	Mr. Ganesh STEP- Software Technologies Excellence Program, Hyderabad - 500032	Thought Works (9/1/2018)	EDP	CO6G	Mr. S V Chavan, Ms R.D.Kasar

**Academic Year 2016-17**

1	Mrs. Swami Varsha VA3 IT Services Pvt. Ltd. Latur-413531	Ethical Hacking	Computer Security	CO5G	Ms. M G Mulge,
		Cloud Computing	Database Management system	CO3G	Ms. A S Patil
2	Sonali A Mustare , Synechis Aquilam Solutions Pvt. Ltd. Pune	Awareness about IT Technologies	Operating system	CO5G	Ms. M G Mulge,
			Programming Laguages	CO3G	Mrs. A S Patil
3	Abhijeet A. More, CYIN Solutions Pvt. Ltd. Pune	Internet Security	Software Testing and Security	CO6G	Ms. M G Mulge,
				CO4G	Ms. R D Kasar
4	Mr. Ganesh STEP- Software Technologies Excellence Program, Hyderabad - 500032	Thought Works	EDP	CO6G	Mr. S V Chavan, Mr. S V Kendre

## B. Number, quality of engineering events (05)

Academic Year : 2019-20

Sr. No	Name of the Event/Activity	Date /Duration	Resource Person/Conducting authority	No. of beneficiaries	Remark/ any additional info
1	How to Write on Wikipedia in "Marathi Language"	1/13/2020	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	61	Institute Level Activity
2	Tree Plantation Activity at Village Nagzari	2/3/2020	Mrs.S A Agarkar, Chief Coordinator ECO CLUB and Lecturer in ET, Smt. R D Kasar,Lecturer in Computer Engg.	15	Institute Level Activity
3	Technical Poster Presentation on Topics  a) Data Mining b) Internet of Things c) Cyber Security d) Artificial Intelligence e) Green Computing f) Save water Save Life	9/18/2019	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	180+ (CO1I, CO3I, CO5I)	Program Level Activity

4	Blind Programming competition on C++ Language	9/13/2019	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	66+ (CO3I)	Program Level Activity
5	Blind Programming competition on JAVA Language	9/4/2019	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	50+ (CO5I)	Program Level Activity
6	Quiz Competition on "C Programming"	8/27/2019	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	66+ (CO3I)	Program Level Activity
7	Technical Quiz on Advanced Java Programming	1/22/2019	Mrs J R Hange, HoD, Computer Engg dept	50+	Program Level Activity

**Academic Year : 2018-19**

1	Swachhata Abhiyan (Cleanliness Program)	8/30/2018	Head of Computer Engg department	58	Program Level Activity
2	Blind Programming competition on C++ Language	9/21/2018	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	15	Program Level Activity
3	Blind Programming competition on C Language	9/12/2018	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	15	Program Level Activity
4	Technical Poster Presentation on Topics  a) Internet Security b) Artificial Intelligence c) Robotics computing d) Social Media Awareness e) Latest technologies in computer science f) E-Waste recycling	9/27/2018	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	180+ (CO1I,CO3I, CO5I)	Program Level Activity

5	Time Management	7/5/2018	Shri. Raghunath Ananat Kulkarni - Expert from management field	70+	Institute Level Activity
6	Logical Thinking	7/26/2018	Quiz Trainers GRWP Latur	66	Institute Level Activity
7	Diet and Health	8/9/2018	Professional from Medical field	70+	Institute Level Activity
8	Deep meditation	8/23/2018	Bramhakumari Ashram	66+	Institute Level Activity
9	Pranayama and Yoga	9/6/2018	Yoga Teacher	66	Institute Level Activity
10	Self-Protection	20-09-2018 to 26-09-2018	Smt Ashwini Taak	70+	Institute Level Activity
11	Todays Patriotism	10/4/2018	Social Worker-NGO	70+	Institute Level Activity
12	Swachhata Abhiyan (Cleanliness Program)	9/15/2018	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	69	Program Level Activity

**Academic Year : 2017-18**

1	Swachhata Abhiyan (Cleanliness Program)	1/25/2018	Mr. S V Chavan, HoD, Computer Engg Dept	105	Program Level Activity
2	Quiz Competition on Mental Ability	2/26/2018	Mr. S V Chavan, HoD, Computer Engg Dept	45	Program Level Activity
3	Quiz Competition on C Programming	2/27/2018	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	73	Program Level Activity

4	Expert lecture on Career Planning	1/20/2018	Shri Devichand Katariya	60+	Institute Level Activity
5	Expert lecture on Career Opportunity under personality development	2/22/2018	GRACE, Vishnupuri, Nanded	100+	Institute Level Activity
6	Welcome ceremony of First year students in computer engg Program	9/29/2017	CO5G, CO3G students and all staffs of Computer Engg program	170+	Program Level Activity
7	Buzzer quiz competition "Computer Technology"	9/28/2017	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	50+	Program Level Activity
8	Poster Presentation competition "Computer Technology"	9/29/2017	Mrs. A S Patil, Lecturer in Computer Engg, G.R.W.P Latur	50+	Program Level Activity
9	One week Workshop on Yoga "Yogshibir"	01-08-2017 to 08-08-2017	Shri Vynkat Munde, Executive engg, BSNL Latur	100+	Program Level Activity
10	Expert lecture on Communication Skill	9/6/2017	Shri Sachhidand Dhage and Shri Vivekanand Dhage	100+	Program Level Activity

**Academic Year : 2016-17**

1	Quiz competition on General Aptitude	01-02-2016 to 05-02-2016	M G Mulge, Lecturer in Computer Engg, G.R.W.P, Latur	50+	Program Level Activity
2	Technical Quiz competition	01-02-2016 to 05-02-2016	M G Mulge, Lecturer in Computer Engg, G.R.W.P, Latur	50+	Program Level Activity

3	Quiz on Programming Skills	01-02-2016 to 05-02-2016	M G Mulge, Lecturer in Computer Engg, G.R.W.P, Latur	50+	Program Level Activity
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#### Industrial Visits

##### Academic Year : 2018-19

Sr. No.	Name Of Industry	Address -Contact Details	Semester/ Class	Name Of Staff to be involved
1	BSNL-Bharat Sanchar Nigam Limited Latur	BSNL Office Gandhi Chowk, Latur-413512	CO5G	Mrs.A.S.Patil,  Mrs P.S.Bhujange
2	Mindlabz Software Solutions ,Latur	Brarshi Road,Latur	CO5G	Mrs. A. S Patil,  Ms S.A.Pathan
3	Mindlabz Software Solutions ,Latur	Brarshi Road,Latur	CO3G	Mr. S V Chavan  Mrs. A S Patil

##### Academic Year : 2017-18

1	BSNL-Bharat Sanchar Nigam Limited Latur	BSNL Office Gandhi Chowk, Latur-413512	CO5G	Ms.R.D.Kasar Mr.R.B. Salunke, Ms A.J. Shastri
2	Mindlabz Software SolutionsPvt,Ltd	New Barshi Road, Back Side Of Gayatri Hospital, Latur MIDC, Latur - 413531,	CO3G	Mr. S.V.Chavan
3	Mindlabz Software SolutionsPvt,Ltd.	New Barshi Road, Back Side Of Gayatri Hospital, Latur MIDC, Latur - 413531,	CO5G	Mrs.A.S.Patil,  Ms. S.A.Pathan

**Academic Year : 2016-17**

1	BSNL - Bharat Sanchar Nigam Limited Latur	BSNL office, Gandhi Chowk Latur- 413512	CO6G	Ms. R D Kasar, Mr. R B Salunke , Ms. A J Shashtri
2	Arty offset industries Latur	MIDC area, Hadco Latur - 413531	CO4G	Mrs. A. S Patil, Mr. A R. Dharmadhikari
3	Orange IT Services Pvt. Ltd. Latur	Near Water Tank, Barshi Road Latur - 413531	CO5G	Ms. R D Kasar, Mrs. A S Patil

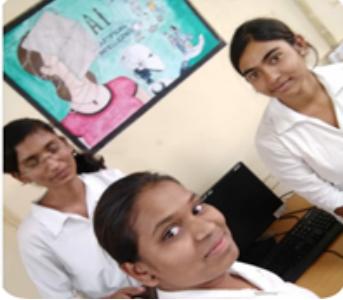
**Quiz Competition**



**Poster Presentation**



*Poster presentation*



#### Industrial Visits



*Industrial visit*

**4.7.2 Publication of technical magazines, newsletters, etc. (5)**

Institute Marks

**A. Quality & Relevance of the contents and Print Material (3)**

Institute Marks

3.00

**Publication of technical magazines, newsletters ,etc.**

State level news letter published by Director of Technical Education (DTE), Mumbai in which our Institutions News has came . And is as below.

## Online Activities of Institute During Lockdown....

### MOOCs and Online activities conducted by Government Residential Women's Polytechnic Latur

"Government Residential Women's Polytechnic, Latur (DTE CODE :2016, MSBTE CODE: 0136)" is a renowned Women's Polytechnic Institute in Aurangabad division of Maharashtra state. Institute enjoys 100 percent admission status since many years. Academic results are excellent and normally range between 85 to 95 percent for Diploma examinations. Institute is sprawling on the 15 acres of residential campus with excellent academic facilities. All five academic departments, viz. Electronic and telecommunication, Computer Engineering, Medical Engineering, Civil Engineering and Dress Designing and Garment Manufacturing Dept. are awarded with "Excellent" grades in external academic monitoring by MSBTE, Mumbai during 2017-18 and 2018-19.

Keeping the track of worldwide news about the outbreak of COVID-19 since February 2020 and anticipating similar stage in India too, Principal Dr.A.M.Agarkar asked all the staff members to conduct extra classes, as and when possible, so as to complete syllabus at the faster rate. This enabled teachers to complete 85 to 90 percent syllabus by 10th March, 2020 through conventional teaching methodology.

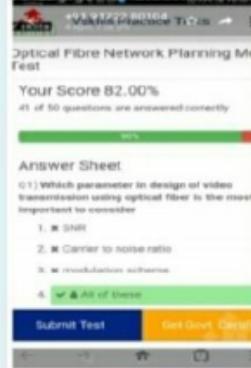
During the lockdown period which is imposed by the Government in the third week of March 2020 due to the outbreak of COVID-19, Principal Dr. A. M. Agarkar provided timely guidance, directions and provided all relevant information about online teaching -learning to all the Heads of Departments of the institute. Many a times, the valuable guidance from Hon.Director Dr. Abhayji Wagh Sir about online teaching learning platforms and its effective use has helped us a lot. This made it easier to complete the remaining 10 to 15 percent syllabus of each course and prepare students for final exams by contacting the students of the institute online during the lockdown period.

All the department heads have completed the rest of the course in a planned manner through online mode and have also completed the work of submission by giving guidance from time to time.

During this period, all the department heads of the institute have also taken subjectwise feedback from the students of all classes in the department. The parents of the students also provided the video feedback enthusiastically and appreciated the Distanced Teaching-Learning Process conducted by the lecturers of this institute.

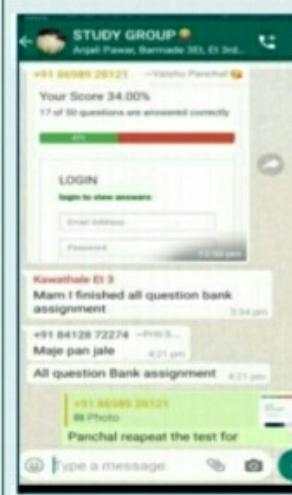
One or more ways mentioned below are implemented and effectively monitored by all the teaching staff. Some representative examples are given here.

4.Mrs.S.A.Agarkar, lecturer In Electronics and Communication dept. in addition to online video lectures, has successfully given classroom feeling through whatsapp study group to the students by conducting mock test of subject Optical Networks and Satellites (22647) and took continuously the review of results of mock test through screen shots thereby giving students a chance to improve marks. Question banks were supplied and teacher continuously motivated all the students to complete the assignments using class note book, the way students would have completed these assignments in the regular class in stipulated time. This is done to give students a feeling of the classroom activity. Mrs.Agarkar shared the sample question papers and asked students to sit continuously for three hours at their home to solve sample question papers just so that students can get the feel of the exam hall. Students really enjoyed these simple techniques and cheerfully completed all the tasks given to them from their home. The video.feedback given by these students showed their level of confidence and attainment of the knowledge level. Students were also given the chance to improve their performance in an online test (screenshots attached). Online results were monitored using whatsapp by Mrs.Agarkar and students responded positively by reappearing for the test again. Improvement in the results is seen in the screenshots attached below.



5 . Mr. P.M. Kudale, Lecturer in ET conducted MCQ examinations of the students from time to time using the websites [www.examradar.com](http://www.examradar.com), [www.examsbook.com](http://www.examsbook.com) under the guidance of HOD (ET) Mr. A.S. Laturkar. All other lecturers in ET department used the Zoom app to take video lectures and completed online assignments, micro

Projects. Dr. Seema Yardi Madam has submitted a report on lockdown activities as annexed in this report.



3. Mr. S. V Chavan, I/C Head of Computer Engineering Department and all the lecturers in the same department conducted MCQ examinations of all subjects online with the help of Google Forms. Also completed the courses for third year and second year computer students by providing video links on ETI-22618, NIS-22620 and JPR-22412 on SWAYAM, NPTEL,

MOOCs, Coursera etc. portals. Lecturers Ms.R. D. Kasar, Mrs.A. S. Patil and Mr. A.D.Ambure used Virtual Lab Provided by IIT Mumbai was used for PCI-22226, NIS-22620, DCC-22414, SEN-22413 etc.to complete the laboratory experiments. Submissions were completed through soft copy using Google Classroom for Assignments, Microprojects, and Solved MSBTE Question Papers. As per new syllabus of the third year students, in view of the final online examination of MGT-22509 and ETI-22618, online examinations were conducted for all the units of these two subjects through Google Quiz Forms. Also additional question sets of the relevant subject were provided to the students along with correct answers. Mr. S V Chavan and Ms. M G Mulge personally conducted the examination by preparing the questionnaire using Google Quiz form.

Also Department has Newsletter which is updated once in a year.

This Newsletter is motivation for Student and staff we include all Departmental activities in the newsletter.

#### B. Participation of Students from the program (2)

Institute Marks

#### 4.7.3 Participation in inter-institute / state/national events by students of the program of study (5)

Institute Marks

5.00

Participation in inter institute/state/national events by students of the program of study

List of Students Participated in Technical events at National/State/Inter institute level.

Sr.No	Name of Student	Name of Event	Date	Venue	Remark
1	Muley Mayuri Sanjay	Code Master - C Programming Competition	24,25 Sept 2017	M S Bidve Engineering College, Latur	Participant
2	Deshpande Varshali Kiran	Code Master - C Programming Competition	24,25 Sept 2017	M S Bidve Engineering College, Latur	Participant
3	Darfalkar Shraddha Kakasaheb	Code Master - C Programming Competition	24,25 Sept 2017	M S Bidve Engineering College, Latur	Participant
4	Jadhav Shital Arun	Code Master - C Programming Competition	24,25 Sept 2017	M S Bidve Engineering College, Latur	Participant
5	Mane Rutuja Dhirendra	Virtual Campus Recruitment Program - VCRP-2020	1,2 March 2020	Sandipani Technical Campus, Latur	Gold Rank
6	Peddawad Mayuri Madhav	Virtual Campus Recruitment Program - VCRP-2020	1,2 March 2020	Sandipani Technical Campus, Latur	Gold Rank
7	Phad Yashshree Raghunath	Virtual Campus by CSESA	Jan-20	M S Bidve Engineering College, Latur	Winner - Appreciation
8	Yashashree Phad	Virtual Campus - General Aptitude round	Jan-20	M S Bidve Engineering College, Latur	Participation
9	Phad Yashshree Raghunath	Virtual Campus by CSESA - Peronal Interview round	Jan-20	M S Bidve Engineering College, Latur	Winner - Award
10	Jadhav M S	National Level Technical Events and Paper Presentation - Error Detection	30,31 January 2018	Bhagwant Institute of Technology, Barshi	National Level - Participation

11	Jadhav Mayuri Satish	National Level Technical Events and Paper Presentation - C/C++ Programming	30,31 January 2018	Bhagwant Institute of Technology, Barshi	National Level Participation
12	Gitanjali Parandkar	C-Code competition	9/9/2018	Oriange Services Pvt Ltd Latur	Consolidation Prize
13	Jadhav Madhuri G	Poster Presentation	1/2/2018-2/2/2018	MindLabz Pvt. Ltd. Latur	Participation
14	Bade Vaishanvi D	Poster Presentation	1/2/2018-2/2/2018	MindLabz Pvt. Ltd. Latur	Participation
15	Deshmane Summajaya S	Poster Presentation	1/2/2018-2/2/2018	MindLabz Pvt. Ltd. Latur	Participation
16	Tandale Harshita	C-Code competition	9/9/2018	Oriange Services Pvt Ltd Latur	Participation
17	Swami Jyoti	C and C++ Code competition	30,31 January 2018	BIT College Barshi	Participation

## List of Students Participated in Sports (I.E.D.S.S.A)

Sr.No.	Academic Year	No. of Students Participated	Remark
1	2019 - 2020	14	Winner /Runner
2	2018-2019	26	Winner /Runner
3	2017-2018	10	Winner /Runner
4	2016-2017	19	Winner /Runner

## 5 FACULTY INFORMATION AND CONTRIBUTIONS (150)

Total Marks 135.00

Mrs. Hange J R	M.E/M.Tech	Computer Science and Engineering	50      100      100	0	0	HOD	06/10/2016	Regular	No	20/09/2019	No
Mr. Chavan S V	M.E/M.Tech	Computer Science and Engineering	100      100      100	0	0	Selection Grade Lecturer	15/07/2014	Regular	Yes		No
Ms. Kasar R.D.	M.E/M.Tech	Computer Science and Engineering	100      100      100	0	0	Lecturer	01/11/2011	Regular	Yes		No
Ms. Mulge M.G.	M.E/M.Tech	Computer Science and Engineering	100      100      100	0	0	Lecturer	15/10/2012	Regular	Yes		No
Miss A S Patil	M.E/M.Tech	Computer Science and Engineering	100      52      100	0	0	Lecturer	05/08/2016	Regular	Yes		No
Mr. Ambure A.D	M.E/M.Tech	Computer Science and Engineering	100      0      0	0	0	Lecturer	01/07/2019	Regular	Yes		No
Mr.Dhulgande.C.K	M.Sc (Maths)	M.Sc. Math	55      55      55	0	0	Lecturer	05/04/2011	Regular	Yes		No
Ms. Khadake N V	M.Sc. (Chemistry)	M.Sc. Chemistry	44      0      0	4	0	Lecturer	05/06/2018	Regular	Yes		No
Mr. Kakade R.B.	M.E/M.Tech	Electrical Engineering	55      55      52	0	0	Lecturer	01/08/2016	Regular	Yes		No
Mr Hasorikar A R	MA (English)	M.A. English	41      33      11	0	0	Lecturer	16/07/2016	Regular	Yes		No
Smt A S Bhandari	B.E/B.Tech	Electronic and telecommunication Engineering	55      0      0	0	0	Lecturer	20/07/2016	Regular	Yes		No
Mrs. Mahagaonkar R V	M.E/M.Tech	Electronic Engineering	50      0      0	0	0	Lecturer	21/10/2010	Regular	Yes		No
Mr Kudale P M	B.E/B.Tech	Electronics and Telecommunication	50      0      33	0	0	Lecturer	01/08/2016	Regular	Yes		No
Mr. Rathod J C	M.E/M.Tech	Mechanical Engineering	0      0      0	0	0	Lecturer	15/12/2017	Regular	Yes		No

5.1 Student-Faculty Ratio (SFR) (25)

Total Marks 10.00

<b>Year</b>	<b>N</b>	<b>F</b>	<b>SFR=N/F</b>
2019-20(CAY)	198	9.00	22.00
2018-19(CAYm1)	203	5.95	34.12
2017-18(CAYm2)	207	6.51	31.80

**Average SFR : 29.31**

**Assesement SFR : 10**

**5.1.1. Provide the information about the regular and contractual faculty as per the format mentioned below:**

	<b>Total number of regular faculty in the department</b>	<b>Total number of contractual faculty in the department</b>
CAY(2019-20)	13	0
CAYm1(2018-19)	13	0
CAYm2(2017-18)	11	0

**5.2 Faculty Qualification (25)**

Total Marks 25.00

**5.2.1 Faculty Qualification Index (20)**

Institute Marks

20.00

	X	Y	F	$FQ = 2 \times [(10X + 7Y) / F]$
2019-20	8	5	7.00	32.86
2018-19	8	5	8.00	28.75
2017-18	7	4	8.00	24.50

Average Assessment : 28.70

**5.2.2 Availability of Faculty/principal of that discipline with PhD. Qualification (5)**

Institute Marks

5.00

NIL

**5.3 Faculty Retention (20)**

Total Marks 20.00

Institute Marks

20.00

Description	2018-19 (CAYm1)	2019-20 (CAY)
No of Faculty Retained	11	10
Total No of Faculty	11	11
% of Faculty Retained	100	91

Average : 95.46

Assessment Marks : 20.00

**5.4 Faculty as participants in Faculty development/training activities conducted by other organizations (30)**

Total Marks 30.00

Institute Marks

30.00

Name of the faculty	Max 5 Per Faculty		
	2017-18 (CAYm2)	2018-19 (CAYm1)	2019-20 (CAY)
Mr. Ambure A.D	0.00	2.00	4.00
Miss A S Patil	5.00	2.00	5.00
Mr Hasorikar A R	2.00	2.00	0.00
Mr Kudale P M	0.00	5.00	2.00
Mr. Chavan S V	4.00	0.00	4.00
Mr. Kakade R.B.	0.00	0.00	5.00
Mr. Rathod J C	0.00	2.00	5.00
Mr. Dhulgande.C.K	0.00	0.00	5.00
Mrs. Hange J R	5.00	2.00	0.00
Mrs. Mahagaonkar R V	5.00	0.00	5.00
Ms. Kasar R.D.	5.00	2.00	5.00
Ms. Khadake N V	0.00	0.00	5.00
Ms. Mulge M.G.	0.00	5.00	5.00
Smt A S Bhandari	0.00	0.00	5.00
Sum	26.00	22.00	55.00
RF = Number of Faculty required to comply with 25:1 SFR as	8.28	8.12	7.92

Assessment [6\*(Sum / 0.5RF)](Marks limited to 30)

30.00

30.00

30.00

Average assessment over 3 years (Marks limited to 30): 30.00

**5.4. a. Organized/ Conducted FDPS and STTP by this department at State / National Level (12)**

Total Marks 12.00

Institute Marks

12.00

Following table shows the information about orgnized FDPS/STTP by Computer Engineering Department.

<b>Academic Year</b>	<b>Conducted FDPS/STTP</b>
2017-18	Nil
2018-19	State level Inter Engineering Diploma students sports association (IEDSSA)
2019-20	Two days Water council (Pani parishad)

**Table:5.4.1****State level Inter Engineering Diploma students sports association (IEDSSA) event:-**

For the all-round development of the students and particularly to inculcate sportsmanship in our girl students our organization inspire all girls to participate in all kinds of co curricular activities including sports. Maharashtra state Board of Technical Education conducts state level sports. These sports championships or tournaments are conducted by a separate organization named inter Engineering Diploma students sports association (IEDSSA). Our college being one of the two womens polytechnics in the state of Maharashtra, we participate in all girls Sports. The tournament is conducted on zonal and interzonal basis. Participation of girls from our institute for these zonal and interzonal tournaments is significant.

These zonal and inter zonal sports tournaments for women are conducted or hosted by various polytechnics around the state every year. In academic year 2018-19 our college has hosted inter-zonal tournament for girls. Almost 500 participants from 60 different polytechnics all over Maharashtra have participated in various Sports. Seven team games and almost 9 individual events (Athletics) have been organized. Being the host of the tournament, we have managed to provide lodging and boarding facilities for 500 participants and around 200, who accompanied these participants as coaches and team managers. The tournament was organized for 3 days, from 12 February to 14 February, 2019. The sports proceeding has been done by recognized state level umpires.

Following sport events were included in this tournament:

	<b>INDIVIDUAL EVENTS</b>		<b>TEAM EVENTS</b>
1	100 M RUNNING	1	CARROM

2	200 M RUNNING	2	CHESS
3	400 M RUNNING	3	TABLE TENNIS
4	SHOT PUT	4	KABBADI
5	JAVELIAN THROW	5	KHO – KHO
6	DISCUSS THROW	6	VOLLEY BALL
7	LONG JUMP	7	BASKET BALL
8	HIGH JUMP		
9	TRIPPLE JUMP		

The inauguration ceremony was conducted on the first day of the event. It was presided over by the district collector of Latur district and other dignitaries were invited for this ceremony. All the indoor and outdoor sport events were conducted smoothly and in sportsmanship Spirit. Winners and runners in different sport events were given the trophy and certificates by the principal of Government Residential Womens Polytechnic Latur. As per the reputation of our college, our girls came with flying colours. And claimed victory in almost all the team events and individual events. This leads us to get the General championship trophy for our college. All the participants were very much satisfied with the lodging and boarding facilities provided by our college. Vast campus and spacious grounds within college ambiance for all kinds of sports, we could manage to conduct all kinds of sports in college campus except tennis.





**The brief summary of Water Council (Pani Parishad) is given below:-**

Government Residential Women's Polytechnic, Latur is a known leading institute for organizing consistent technical programs. On 30<sup>th</sup> December 2019 a program named 'Water Council' (Pani Parishad) was convened by joint venture of District Administration,Latur and Municipal Corporation of Latur. The venue of this council was large campus of Government Residential Women's Polytechnic, Latur. Our college has provided all the required technical staff as well as infrastructure. As District Collector of Latur has mentioned in his inaugural address, this council was the first venture organized in Maharashtra. It was this council which brought almost 800 corporators of all the corporations in district together. All chief executive officers, administrative officers and all mayors were present for the council.

Technical presentations were made by various national and international companies. Panel discussion was another program conducted in this council. The main attraction of the event was the stalls of many national and international companies like L &T , Kamstrup, Census, Suez, ITRON, Daily Dump, Aquame as, Xylem, Adept, Techspex, Ideal System and Services .Demonstrations were also held in those stalls.

Mesmerizing technical presentation and deliberations were held on variety of topics (around 11) like Water and waste Water Management success stories, Ultrasonic advanced water meter for accurate water delivery, GIS, Water Operation Management, Smart Solution to measure water, Compost your wet waste at home, End to end solution on water and water meter, Bulk metering solutions, Smart Toilet Waste Management, Waste Water Management. The Council was wrapped up with a hope of bright prospects for Latur district. Inaugurator Mayor Mr.Vikrant Gojamgunde was welcomed by District Collector Mr.G.Shrikant.Latur Z.P. Chief Executive Mr.Vipin Itankar ,Latur Corporation Commissioner Mr.M.D.Singh all these dignitaries were present throughout the program and also shown active participation in all the deliberations. On behalf of the institute Principal Dr.A.M.Agarkar ,Prof.Seema Agarkar, Proff. Ambure and Proff. Salunke have registered their active participation as panelist in the deliberation.

It is through various meeting conducted by Secretary and Director in Technical Education department, we got inspiration to conduct such programs which would be beneficial in societal image building of our institute. It also contributes to the all round development of students, staff and society. To reap these benefits polytechnic administration is invariably keen to play its active role.











## H2O Latur Conference

कार्यक्रम पत्रिका

दिनांक 30 नोव्हेंबर व 01 डिसेंबर 2019

स्थळ :- शासकीय महिला तंत्रनिकेतन, बार्शी रोड, लातर





**दिनांक 30.11.2019**

वेळ	कार्यक्रम
9.00 - 10.00	नोंदणी
10.00-10.15	उद्घाटन व दिपप्रज्वलन
10.15-10.30	स्वागत
10.30-10.45	मा. जिल्हाधिकारी, लातूर यांचे प्रास्ताविक
10.45-11.00	मा. महापौर, लातूर शहर महानगरपालिका, लातूर यांचे स्वागतपर भाषण
11.00-11.15	मा. आ. अमित विलासराव देशमुख यांचे उद्घाटनपर भाषण
11.15-11.30	मा. आयुक्त, लातूर शहर महानगरपालिका, लातूर यांचे सादरीकरण
11.30-11.45	<b>चहापान</b>
11.45-12.15	Water and waste water success stories या विषयावर L & T यांचे सादरीकरण
12.15-12.45	Value of Data या विषयावर Kamstrup यांचे सादरीकरण
12.45-01.30	<b>भोजन</b>
01.30-02.00	Geographic Information System (GIS) या विषयावर Ceinsys यांचे सादरीकरण
02.00-02.30	Water Success Stories या विषयावर Suez यांचे सादरीकरण
02.30-03.00	Water Operation Management या विषयावर ITRON यांचे सादरीकरण
03.00-03.15	<b>चहापान</b>
03.15-03.45	Smart Solution to Measure Water या विषयावर Aquameas यांचे सादरीकरण
03.45-04.15	Compost your wet waste at home या विषयावर Daily Dump यांचे सादरीकरण
04.15-05.15	खुली चर्चा व प्रश्नोत्तरे
	<b>दिनांक 01.12.2019</b>

10.00-10.30	End to end solution on water and wastewater या विषयावर Xylem यांचे सादरीकरण
10.30-11.00	Bulk Metering Solutions या विषयावर Adept यांचे सादरीकरण
11.00-11.30	Smart Toilet Waste Management या विषयावर Techspex यांचे सादरीकरण
11.30-11.45	चहापान
11.45-12.15	Waste water Treatment या विषयावर Ideal System & Services यांचे सादरीकरण
12.15-01.15	खुली चर्चा व प्रश्नोत्तरे

#### 5.5 Product development, Consultancy, Manufacturing contracts, testing contracts (8)

Total Marks 8.00

Institute Marks

8.00

##### Product development

The Students of Computer Engineering Department developed following industry sponsored projects. These two products are launched by respective company. The students from these two groups had received the remuneration against the completion of the sponsored project.

Sr. No.	Year	Product/Project	Name of the Activity conducted	No. of students involved in project
1	2019-20	Project developed by third year students(at final year level)  Title: Job Portal.	Final year students has developed application Based project "Job Portal" under the guidance of Mr.S V Chavan.  This project was sponsored by INGenious Technohub Pvt. Ltd, Latur	04  1.Miss .Ingale Sanskriti 2.Miss .Kshirsagar Nikita 3.Miss. Somawanshi Suchita 4.Miss.Mali Manisha

2	2019-20	<p>Project developed by third year students(at final year level).</p> <p>Title: News Portal</p>	<p>Final year students has developed a application Based project “News Portal” under the guidance of faculty, Mrs.A.S.Patil</p> <p>This project is sponsored by Mindzlab Software Solution Pvt.Ltd.,Latur</p>	<p>03</p> <p>1.Miss Jadhav Vaishnavi S.</p> <p>2.Miss Jadhav Madhuri G.</p> <p>3.Miss. Jamalpure Pooja D.</p>
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Table 5.5.1: Product Development Details

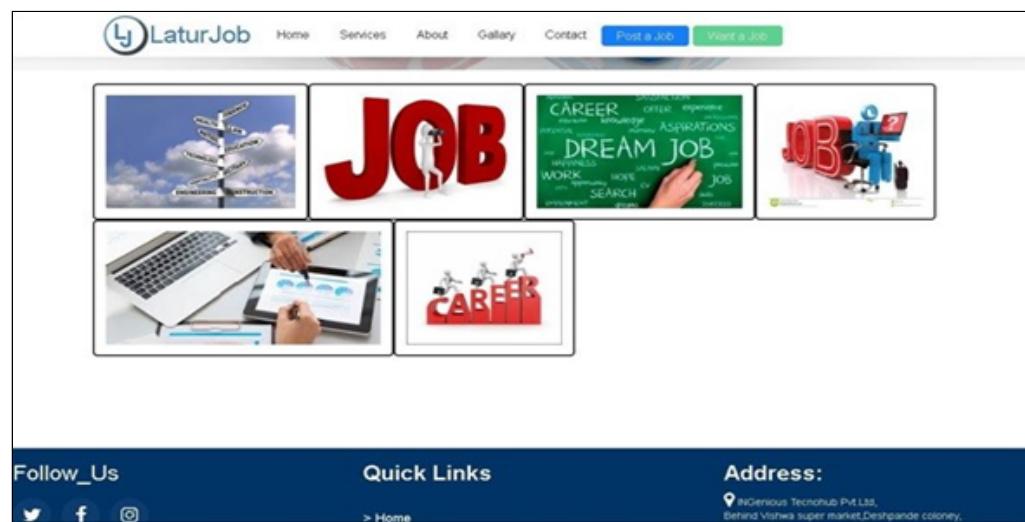
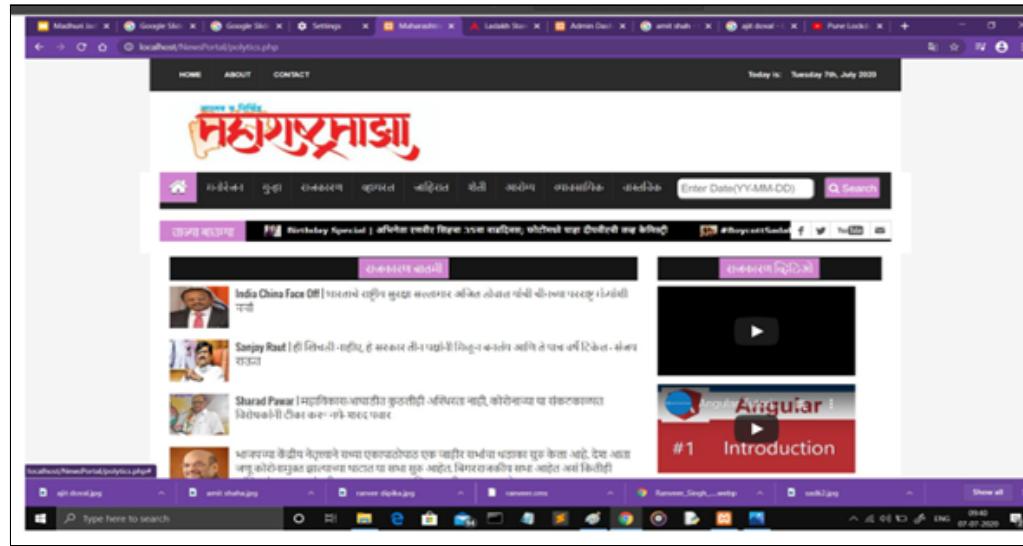


Figure 5.5. 1: Project on Job Portal



**Figure 5.5.2 : Project on News Portal**

#### Testing contracts

In our Department Testing of Computers, Laptops & Printers is done by department faculty as below-

Sr. No	Name OF Office	Items of Testing	Amount Deposited
1	Mahila Arthik Vikas Mahamandal ,Dist Office,Latur	Laptop-1 Printer - 1	1122
2	Tejswini Loksanchlit Sadhan Kendra,Shirur Tal, Tal. Ahamadpur	Computer-1 Printer - 1	1022
3	Zashichi Rani Loksanchlit Sadhan Kendra,Shirur Tal, Tal. Ausa	Computer-1 Printer - 1	1022
4	Ekata Loksanchlit Sadhan Kendra,Latur(West)	Computer-1 Printer - 1	1022
5	Jayhind Loksanchlit Sadhan Kendra,Latur(East)	Computer-1 Printer - 1	1022
6	Pragati Loksanchlit Sadhan Kendra, Murud	Computer-1 Printer - 1	1022
7	Savitribai Phule Loksanchlit Sadhan Kendra,Renapur	Computer-1 Printer - 1	1022
<b>Total Amount in Rs.</b>			<b>7254</b>

**Table 5.2.2**



**MAVIM  
माविम**

# MAHILA ARTHIK VIKAS MAHAMANDAL

## महिला आर्थिक विकास महामंडळ

( Govt.of Maharashtra Undertaking)

District Office :  
Trimurti Bhavan, 2nd Floor,  
above Bank of India,Near Uday  
Petrol Pump,Barsi Road,Latur-413 531  
Phone : (02382)222564  
Email - latur.mavim@gmail.com

(महाराष्ट्र शासन अंगीकृत)

जिल्हा कार्यालय :  
'निमूरी भवन' दुसरा मंजला,  
बैंक ऑफ इंडियाच्या बऱ, उदय पेट्रोल  
पंप जवळ, वारी रोड, लातूर-४१३ ५३१  
फोन (०२३८२)२२२५६४



माहितीया  
अधिकार

डिजीटाईज्ड कालबद्ध सेवा वर्ष - २०१५

CIN : U74999MH1975SGCO18170

माविम/लातूर/CMRC संगणक व प्रिंटर तपासणी अहवाल चेक  
प्रति.

दि. २७/११/२०१७

✓  
माविम/लातूर चे पत्र दि. ०३/११/२०१७  
शासकीय निवासी महिला तंत्रिनिकेतन महाविधालय,  
लातूर.

विषय: माविम अंतर्गत जिल्हा व सीएमआरसी कार्यालयातील संगणक व प्रिंटर तपासणी वावत.

संदर्भ:- माविम लातूर चे पत्र दि. ०३/११/२०१७

वरील संदर्भिय विषयान्वये महिला आर्थिक विकास महामंडळ जिल्हा कार्यालय लातूर अंतर्गत सर्व लोकसंघालित साधन केंद्र येथील संगणक व प्रिंटर तपासणी आपल्या संस्थेमार्फत करून घेण्याकरिता आपणास कळविले होते. त्याप्रमाणे सदर संगणक/लॅपटॉप व प्रिंटर तपासणी फीस भरणेकरिता लापशील खालीलप्रमाणे.

अ.क्र.	कार्यालयाचे नाव	तपशील		एकूण किंमत (रु.)	२% प्रमाणे एकूण फीस	वेक तपशील	
		लॅपटॉप-१	प्रिंटर - १			वेक क्रमांक	वेक दिनांक
१	महिला आर्थिक विकास महामंडळ जिल्हा कार्यालय लातूर.	लॅपटॉप-१	प्रिंटर - १	५५६००	१११२	१६६६३१	२०/११/२०१७
२	तेजरिची लोकसंघालीत साधन केंद्र, शिरुर ता., ता. अहमदपूर,	संगणक-१	प्रिंटर - १	५९९००	१०२२	००८७२५	२२/११/२०१७
३	झाशीवी राणी लोकसंघालीत साधन केंद्र, औसा, ता. औसा	संगणक-१	प्रिंटर - १	५९९००	१०२२	०१७२६८	२०/११/२०१७
४	एकता लोकसंघालीत साधन केंद्र, लातूर (पांशुग)	संगणक-१	प्रिंटर - १	५९९००	१०२२	१२४६१३	१७/११/२०१७
५	जयहिंद लोकसंघालीत साधन केंद्र, लातूर (पूर्व)	संगणक-१	प्रिंटर - १	५९९००	१०२२	०११३५८	२०/११/२०१७
६	प्रगती लोकसंघालीत साधन केंद्र, मुरुड.	संगणक-१	प्रिंटर - १	५९९००	१०२२	००२०६५	१८/११/२०१७
७	सावित्रीबाई फुले लोकसंघालीत साधन केंद्र, रेणापूर.	संगणक-१	प्रिंटर - १	५९९००	१०२२	०३०९३०	२०/११/२०१७

उपरोक्त प्रमाणे सर्व लोकसंघालित केंद्राचे तसेच माविम जिल्हा कार्यालय लातूर याचे वेक जमा करून घेऊन कार्यालयानिहाय पावती मिळावी ही नग्र विनंती.

आपला क्रितिक

श्री ए. घोषना  
Orange  
28/11/17

जिल्हा समवय अधिकारी  
महिला आर्थिक विकास महामंडळ  
जिल्हा लातूर

सोबत- सीएमआरसीनिहाय सर्व वेक

<b>5.6 Faculty Performance Appraisal and Development System (FPADS) (30)</b>	Total Marks 30.00
<b>A. A well-defined FPADS instituted for all the assessment years (5)</b>	Institute Marks 5.00

#### **5.6 a. A well- defined FPADS instituted for all the assessment years (05)**

The job/role of a teacher is not limited only to the class room but is multifarious to achieve overall development of students. The teacher has to make efforts to impart modern technologies or professional methods to the students. He has to exert for updating his knowledge and skills. A large number of teachers do take keen interest in all the activities conducive to the welfare of the student community in order to build the personality of the students and to maintain a clean image of the institution. Some teachers show excellent performance in administrative and managerial assignments too. However, the earlier system of confidential reports does not project the entire range of performance of a teacher. Every organization needs to ensure right kind of people, at right places, at right time to achieve its objectives, targeted mission and vision. It is therefore essential to give recognition to those who are conscientious of their responsibilities. Recognition may be with providing opportunities of accelerated promotions or awards. It is equally necessary to produce disincentives for indifferent and in some cases unscrupulous teachers showing poor performance. The UGC and AICTE have recommended the package of pay scales for teachers with conditions to implement Performance Appraisal Development System. Therefore there is a need to adapt a suitable format for Performance Appraisal of teachers that encompasses the entire range of functions and permits differentiation based on quantified weight.

Government has considered recommendations of the University Grant Commission and of the All India Council for Technical Education and implemented the package of pay scales for the teachers. The main objective was to maintain standards of higher and technical education. Accordingly, resolutions issued by the Government from time to time specified the terms and conditions of service. The statutory bodies recommended devising and implementing the effective performance appraisal to promote efficiency and effectiveness of the system. These recommendations emphasize the need to help individual teachers to grow, develop and advance on merit. The UGC and AICTE have also devised guidelines on the Performance Appraisal. However, to make it more quantitative, more conducive to the local factors some minor modifications were proposed by the Directorates and further deliberations of Government, Grant -in-aid, Un-aided degree and diploma level institutions from all over the state. The participant institute has made valuable suggestions.

#### **Government Resolution:**

Taking into consideration modifications and suggestions given by directorates and deliberations of the various degree and diploma institutions from the state. State Government accorded an approval to the implementation of the scheme of "Performance Appraisal and Development Systems" for teachers and administrative posts in Government and Grant-in- aid educational institutions in Engineering, Architecture, Pharmacy, Management studies, Art education and also in Government Arts, Science, Commerce, Law, Education degree and diploma institutes under the control of Higher and Technical Education and Employment Department with effect from 1-4-1997 vide GR No. Higher and Technical Education and Employment it Department, CRF 1096(20/96) TE -4 dated 25th march 1997 and further directed that the performance appraisal report shall be appended to the annual confidential reports.

As per the prescribe "Performance Appraisal and Development Systems" format is for period of one year and assessment of performance is carried out on various academic, administrative and managerial indicators as given below.

- **Academic indicators assessment**

1. Performance of engaging lecture
2. Performance of attendance of students
3. Performance of results

Assessments of academic performance indicators measures aptitude for teaching and efforts taken, to make lectures interesting, dedicated efforts to improve teaching skills and involvement of students in learning process, examinations results of regular students. Average of results of last three years of particular course.

## **Administrative and managerial indicators assessment**

This measures various qualities, functions and behavioral accepts of teachers

Government residential Women's Polytechnic, Latur, such as industriousness, administrative and proportional capability, resources fullness, initiative, drive, judgment, behavior commitment, leadership qualities etc. To measure the performance of each indicator 4 point scale viz. Excellent, Good, Average and Poor has been specified for administrative and managerial indicators assessment. Multiplying factors 2.0, 1.4, 1.0, and 0.4 are assigned for 4 point scale respectively as mentioned above.

### **• Final assessment**

The final assessment grade is given by reporting officer considering total weight achieved in academic, administrative and managerial functions out of 100. The special weight maximum to 05 can be awarded by reporting officer for extra ordinary contribution for the institutional development.

<b>Weight of performance</b>	<b>Grade</b>	
100-81	Out standing	A+
080-071	Excellent/Very Good	A
070-061	Positively Good	B+
060-051	Good	B
050-035	Average	B-
034-000	Below Average	C

**Table No. 5.6.1**

From the year 2016-17 General Guidelines for writing Performance Appraisal Reports of State Government Grade A Officers are issued vide State Government Resolution, General Administration Department, No.: CFR-1211/C.R. 257/XIII, dated 02.02.2017. The UGC and AICTE have also devised guidelines on the Performance Appraisal. However, to make it more quantitative, more conducive to the local factors some minor modifications were proposed by the Directorates and further deliberations of Government, Grant –in-aid, Un-aided degree and diploma level institutions from all over the state. The participant institute has made valuable suggestions.

The same format has been prescribed for the post of Lecturer in E & T, senior grade Lecturer in E & T, and Select grade Lecturer in E & T, Reader, and designated Reader, Assistant Professor, Professor and other similar administrative post. A separate format has been prescribed for Head of the department and similar posts similarly a separate format has been prescribed for the post of Principal/ Head of the institution, however, these formats shall not be applicable to fully administrative posts.

In which assessment of performance of the Grade A officer is carried out on the basis of three performance attributes i.e.

- Work completion (weight age40%),
- Personal attributes(weight age 30%) and
- Efficiency (weight age30%).

Following points are accessed by reporting officers and review officer.

<b>Work Completion (40% )</b>	<b>Personal Attributes (30%)</b>	<b>Efficiency (30%)</b>
Accomplishment of planned work	Attitude to Work	Knowledge of relevant acts
Quality of Output	Overall Bearing and Personality	Decision making Ability
Average Gradation on Work Completion	Emotional Stability	Initiative

	Communication skills	Ability to coordinate
	Capacity to work in Time Limit	Average Gradation on Work Efficiency
	Average gradation on Personal attribute	

**Table No. 5.6.2**

#### **Performance appraisal Gradation**

Weights have been assigned to work output, personal attributes and efficiency. The overall grade will be based on the addition of the mean value of each group of indicators in proportion to weight age assigned. The formulae for the calculation of “Overall Gradation” will be as follows –

$$(Average\ Grade\ on\ Work\ Completion\ * 4) + (Average\ Grade\ on\ Personal\ Attributes\ * 3) + (Average\ Grade\ on\ Efficiency\ * 3) \ divided\ by\ 10$$

Overall grade in the numerical scale of 1-10 is to be given by reporting authority. Where 1 refers to the lowest grade and 10 to the highest grade.

Numerical Gradation for Performance	Grade
Overall Gradation of 1 and 2	C
Overall Gradation of 3 to 5	B
Overall Gradation of 6 to 8	A
Overall Gradation of 9 and 10	A+

**Table No. 5.6.3**

Disclosure -There is more openness in the system of appraisal. The annual PAR, including the overall grade and integrity, are communicated to the officer reported upon after it has been finalized.

The officer reported upon may have the option to give his representation against the below benchmark gradation recorded in the PAR. Such representation may be restricted to the specific factual observations contained in the Performance Appraisal

Report leading to the assessment of the officer in terms of attributes, competency, output and overall gradation. From the year 2017-18 Government of Maharashtra has adopted new policy for maintaining the performance appraisal (PAR) of Grade A and B officers in their state government services, vide State Government Resolution, General Administration Department, No.: CFR-1211/C.R. 257/XIII, dated 07.02.2018. Also separate formats for technical officers are finalized and decided to implement vide State Government Resolution, General Administration Department, No.: CFR-1211/C.R.8/XIII, dated 05.03.2018.

In which on line details of Confidential/Assessment Reports are to be filled on MAHAPAR Computerized System of the Department. General Guidelines for writing Performance Appraisal Reports of State Government Grade A and B Officers are issued vide above Resolutions.

The overall gradation system of assessment is kept same as mentioned in the previous year.i.e. 2016-17.

**The performance appraisal format is given below:**

प्राप्ति-५

For Professor /Associate Professor/Assistant Professor /Lecturer those working with colleges and universities other than medical and veterinary colleges and universities

वैद्यकीय व पशुवैद्यकीय महाविद्यालये व विद्यापीठे वगळून अन्य महाविद्यालये व विद्यापीठात कार्यरत प्राध्यापक / सहयोगी प्राध्यापक / सहायक प्राध्यापक/ अधिव्याख्याता योग्याकरिता

मूल्यापन अहवालाचा कालावधि - पासून पर्यंत

(Appraisal report for the period from to )

भाग १ (Section - १)

आस्थापना शाखेने भरावयाची माहिती (To be filled in by Establishment section)

१. प्रतिवेदन करावयाच्या शासकीय अधिकाऱ्याचे नाव (Name of the officer reported upon)	
२. संवर्ग (Cadre)	
३. जन्म दिनांक (Date of Birth)	
४. संधारण्य पद (Present Post)	
५. संधारण्य पदावर नियुक्तीचा दिनांक (Date of appointment to present post)	
६. प्रशासकीय विभाग/ कार्यालय (Administrative Department / office)	
७. प्रतिवेदन अधिकारी व पुनर्विलोकन अधिकारी यांचा तपशील (Details of Reporting and Reviewing officers)	

	नाव (Name)	पदनाम (Designation)	कालावधि (Period)
आ) प्रतिवेदन अधिकारी (Reporting officer)			
ब) पुनर्विलोकन अधिकारी (Reviewing officer)			

८. प्रतिवेदन काळातील रजा आणि इतर अनुपस्थितीचा तपशील (Details of leave and absence due to other reasons during period under report) -

	कालावधि (Period)	प्रकार (Type)	Remarks (रोटा)
अ) रजा (Leave)			
ब) इतर कारणे (विशद करा) जसे कों, दिनापरवानगी गैरहजेरी /फरार. (Other reasons (specify) such as absconding, unauthorized absence, etc.)			

९. प्रतिवेदन काळात घेतलेल्या प्रशिक्षणाचा तपशील (Details of training undergone during period under report)

अ. क्र.	कालावधि (Period) पासून (from) पर्यंत (to)	संस्था (Institute)	विषय (Subject)
१.			
२.			
३.			

१०. संबंधित अधिकाऱ्याने मूल्यापनाच्या मागील वर्षापर्यंत प्रतिवेदन / पुनर्विलोकन अधिकारी म्हणून न लिहिलेल्या गोपनीय/मूल्यापन अहवालाचा तपशील (Details of Confidential/Assessment Reports not Written/Reviewed, as Reporting/ Reviewing officer, by officer under report upto previous assessment year)

अ.क्र.	कालावधि (Period) पासून (from) पर्यंत (to)	प्रतिवेदन/पुनर्विलोकन (Reporting/Review)	अधिकारी/कर्मचारी यांचे नाव व पदनाम (Name and Designation of officer/employee)
१.			
२.			

११. मागील वर्षाच्या दि. ३१ मार्च अखेरचे वार्षिक मालमत्ता विवरणपत्र संबंधित प्राधिकाऱ्याकडे सादर केल्याचा दिनांक (Date of filing Assets and Liability statement of previous year to concerned authority.)

दिनांक (Date) :-

ठिकाण (Place):-

आस्थापना अधिकारी यांचे नाव, पदनाम व स्वाक्षरी  
Name, Designation and signature of Establishment officer

शासन निर्णय क्रमांक: सीएफआर-१२९८/प्र.क्र./तेरा

३) देखरेख केलेल्या प्रशिक्षणार्थीची संख्या आणि मार्गदर्शन केलेल्या पदव्युत्तर विद्यार्थ्यांची संख्या (Number of interns supervised and post graduate students guided )	
४) राष्ट्रीय आणि आंतरराष्ट्रीय पातळीयर प्रसिद्ध केलेल्या संशोधन लेखांची /लेखांची संख्या (Number of Research Papers /papers published in national and international journals)	
५) कौशल्य उंचावण (Skill Up-gradation) <ul style="list-style-type: none"> <li>• प्राप्त केलेली अतिरिक्त शैक्षणिक अहंता (Acquired additional educational qualification)</li> <li>• प्राप्त झालेले मान / सन्मान (Any recognition/reward earned for work)</li> </ul>	
५. जी उद्दीष्टे पूर्ण होऊ शकली नाहीत , त्याकरीता आलेल्या अडघणी (Difficulties faced in not achieving certain targets)	
६. कार्यक्षमता वाढविण्याकरीता स्वतः स आवश्यक वाटते असे प्रशिक्षणाचे क्षेत्र (Mention areas of required training which you feel necessary for higher efficiency)	
लगतद्या सेवाकालावधिसाठी (for near future in service period)	
दीर्घकालीन सेवाकालावधिसाठी (for long term service period)	
७. आपण प्रतिवेदन अधिकारी असलेल्या अधिकाऱ्यांकरीता/कर्मचाऱ्यांकरीता वार्षिक कार्यनियोजन तयार केले आहे काय? :- होय / नाही (Have you prepared Annual Work Plan for officers /employees for whom you are reporting officer ?:- Yes / No)	
८. मागील वर्षाच्या दि. ३१ मार्च अखेरद्य वार्षिक मालमता विवरणपत्र संबंधित प्राधिकाऱ्याकडे सादर केले आहे काय ? होय / नाही, सादर केले असल्यास दिनांक) (Whether Assets and Liability statement of previous year, submitted to concerned authority? - Yes / No, Date of submission, if submitted)	

ठिकाण (Place)

दिनांक (Date)

अधिकाऱ्याची सही, नाव व पदनाम  
Signature, Name and Designation of officer

भाग ३ (Section ३)

प्रतिवेदन अधिकार्याने लिहावयाचा मूल्यमापन अहवाल  
Performance Appraisal Report prepared by reporting officer

१. भाग २ मध्ये नमूद करण्यात आलेल्या स्वयंमूल्यनिर्धारण अहवालाशी आपण सहमत आहात काय? नसल्यास, वस्तुस्थितीदर्शक अभिप्राय द्यावेत. (Whether you agree with self-assessment recorded in part two? If not, then state factual position)

२. प्रतिवेदन कालावधित पार पाडलेल्या महत्त्वपूर्ण व उल्लेखनीय कामांसंदर्भात आपले स्पष्ट अभिप्राय द्यावेत. (Offer your remarks on important and noteworthy works mentioned in self-assessment report)

३. प्रतिवेदित अधिकारी/कर्मचारी याचे त्याच्या कामाच्या संदर्भात लक्षणीय अपयश निर्दर्शनास आले असल्यास वस्तुस्थितीदर्शक अभिप्राय द्यावेत. (Has the officer/employee reported upon met with significant failures in respect of his work? If yes, please furnish factual details)

४. संबंधित अधिकार्यानी कार्यक्षमता वाढविण्याकरीता आवश्यक असलेल्या प्रशिक्षणाचे केत्रास सहमत आहात काय? (Do you agree with the skill up-gradation needs as identified by the officer ? )

५. अधिकारी/कर्मचारी याची कार्यपूर्तता, कार्यक्षमता व दैयकिक गुणदैशिष्टये यादावतचे गुणांकन. (Gradation on works completed, efficiency and personal attributes by officers/ employees) {१-१० या मर्यादित गुणांकन देण्यात यावे.}

अ.क्र. Sr.No.	मुद्दे Points	प्रतिवेदन अधिकारी Reporting Officer	पुनर्विलोकन अधिकारी (Review Officer)	पुनर्विलोकन अधिकारीची स्वाक्षरी (Signature of Review Officer)
१	उद्दिष्टानुसार नेमून दिलेल्या कार्याची पूर्तता (Accomplishment of planned work)			
२	केलेल्या कामाचा दर्जा (Quality of Output)			
३	केलेली उल्लेखनीय/ वैशिष्ट्येपूर्ण कामे (Accomplishment of exceptional work /unforeseen tasks performed)			
प्राच्यापक / सहयोगी प्राच्यापक / सहायक प्राच्यापक/अधिव्याख्याता यांच्याकरिता आतिरोक्त मुद्दे (Additional points for Professor /Associate Professor/Assistant Professor/Lecturer)				
४	विद्यार्थ्यांकरीता व्याख्याने, प्राच्यकिंवा घेऊन विहीत कालावधीत पूर्ण केलेल्या अभ्यासक्रमाची मूल्यमापन (Evaluation of completed syllabus in stipulated period with lectures and practical)			
	कारंपूर्तता या घटकाचे सरासरी गुणांकन (Average gradation on Work completion)			

ब) वैयक्तिक गुणवैशिष्ट्ये (Personal attributes) (weightage 30 %)

अ.क्र. Sr.No.	मुद्दे Items	प्रतिवेदन अधिकारी Reporting Officer	पुनर्विलोकन अधिकारी (Review Officer)	पुनर्विलोकन अधिकारीची स्वाक्षरी (Signature of Review Officer)
१	कामाबाबतचा हृषीकेन (Attitude to work)			
२	जबाबदारीची जाणीव (Sense of responsibility)			
३	सर्वसाधारण वर्तणूक व व्यक्तिमत्त्व (Overall bearing and Personality)			
४	भावनिक संतुलन (Emotional stability)			
५	संवाद कौशल्य (Communication Skills)			

६	नैतिक दृष्टी आणि व्यावहारीक भूमिका घेण्याचा कलं (Moral Courage and willingness to take professional stand)			
७	नेतृत्वगुण (Leadership qualities)			
८	दिहोत कालमर्यादेत काम करण्याची क्षमता (Capacity to work in time limit)			
प्राव्यापक / सहयोगी प्राव्यापक / सहायक प्राव्यापक/अधिव्याख्याता योग्याकरिता अतिरीक्त मुद्दे (Additional points for Professor /Associate Professor/Assistant Professor/Lecturer)				
९	विद्यार्थ्यांचे समुपदेशन, करिअरविषयक गार्डर्सन, संशोधन कार्य/ विशेष कौशल्य यासंदर्भात गार्डर्सन (Students counselling, career guidance, guidance in respect of research work/special skills )			
१०	अभ्यासक्रमातील निगडीत आणि पूरक उपक्रमातील सहभाग जसे की, पर्यावरण, साक्षरता, वृक्षारोपण, नैतिक व सामाजिक मुल्ये याविषयांचे कार्यक्रम, शैक्षणिक सहल इ. (Participation in co-curricular and extra-curricular activities viz programmes related to environment, literacy, tree plantation, moral and social values study tours etc)			
	दैयंदिनिक गुणवैशिष्ट्ये या घटकांचे सरासरी गुणांकन ( Average gradation on Personal Attributes)			

क) कार्यक्षमता (Efficiency) (weightage ३० %)

अ.क्र. Sr.No.	मुद्दे (items)	प्रतिवेदन अधिकारी Reporting Officer	पुनर्विलोकन अधिकारी (Review Officer)	पुनर्विलोकन अधिकारीची स्वाक्षरी (Signature of Review Officer)
१	संबंधित कायदे, नियम व प्रचलित कार्यपद्धती, माहिती तंत्रज्ञान आणि संबंधित क्षेत्रातील स्थानिक पद्धती यावादतर्फे ज्ञान (Knowledge of relevant Acts/ Rules/procedures/IT Skill and awareness of local norms in the relevant area)			

२	कौशल्यपूर्ण नियोजनाची क्षमता (Strategic planning ability)			
३	स्वतःनिर्णय घेऊन काम करण्याची क्षमता (Decision making ability)			
४	उपक्रमशीलता (Initiative)			
५	आपल्या कामाशी संबंध येणाऱ्या इतर शासकीय यंत्रणेशी समन्वय साधण्याची क्षमता (Ability to co-ordinate with other government agencies in relation to work.)			
६	हाताखालील कर्मचाऱ्याना प्रेरणा देणे आणि त्यांच्या विकसनाची क्षमता (Ability to motivate and develop subordinates/work in a team)			
प्रायापक / सहायेशी प्रायापक / सहायक प्रायापक/अधिव्याख्याता यांच्याकरिता अतिरीक्त मुद्दे (Additional points for Professor / Associate Professor/Assistant Professor/Lecturers)				
७	उपलब्ध साधन सामुद्रीचा इष्टतम विनियोग करण्याची क्षमता (Capacity to make use of available resources in an optimum manner)			
	कार्यक्षमता या घटकाचे स्तरासरी गुणांकन ( Average gradation on Work efficiency)			
८. संबंधित कर्मचाऱ्याच्या संघोटी व चारित्र्याबाबत आपले स्वयंस्पष्ट अभिप्राय दयावेत (प्रतिकूल अभिप्राय असल्यास सोबत र्घावाढतची उदाहरणे नमूद करावील) (Offer your remarks on character and integrity (if remarks are negative, then mention instances))				
९. अधिकारी/कर्मचारी यांचे एकदरीत मूल्यमापन (जास्तीत जास्त १०० शब्द) (Overall Assessment of officer/employee (Maximum 100 words)) यामध्ये संबंधित अधिकाऱ्याची बलस्थाने, उणीचा आणि दिव्यांग व्यवस्थी, महिला व मागासवर्गीयांबाबतचा हृष्टीकौन यांचा समावेश असावा. (include Strengths and lesser strengths and his attitude towards disabled persons, women and Backward classes)				
१०. प्रकृतीमान (State of Health ) (उत्कृष्ट/चांगले/चांगले नाही) (Very good/Good/Not Good)				

१. पुढील नियुक्तीसाठी कायदेक्रावाबत शिफारशी (कमीत कमी ४) (Recommendations relating to domain assignment(At least ४))

१.	२.
३.	४.
५०. एकादरीत गुणांक (Overall Gradation)	

ठिकाण (Place)

दिनांक (Date )

प्रतिवेदन अधिकाऱ्याची सही, नाव व पदनाम  
Signature, Name & Designation of Reporting Officer

भाग -४ (Section ४)

पुनर्विलोकन (Review)

पुनर्विलोकन अधिकाऱ्याचे अभिप्राय (Remarks of Reviewing Officer)

१. आपण प्रतिवेदन अधिकाऱ्याने, संबंधित अधिकाऱ्याच्या कार्यपूर्तता, कार्यक्षमता, वैयक्तिक गुणवैशिष्ट्यचे यासंबंधाने भाग ३ मधील मुद्दांच्या सहाय्याने केलेल्या मूल्यनिर्धारणाची सहमत आहात काय? (Do you agree with assessment of Reporting Officer on work done, efficiency, personal attributes in part 3 of concerned officer?)

होय (Yes)	नाही (No)
-----------	-----------

२. सहमत नसल्यास, तपशील व कारणे द्यावीत (in case of difference of opinion details and reasons for the same may be given)

३. अधिकाऱ्याचे एकदरीत मूल्यमापन (जास्तीत जास्त १०० शब्द) (Overall Assessment of officer (Maximum 100 words) यामध्ये संबंधित अधिकाऱ्याची बलस्थाने, उणीचा आणि दिव्यांग व्यक्ती, महिला व मागासदर्गीयांचाबाबतचा इष्टीकोन यांचा समावेश असावा. (Include Strengths and lesser strengths and his attitude towards disabled persons, women and Backward classes)

४. पुढील नियुक्तीसाठी कार्यक्षेत्राबाबत शिफारशी (कमीत करी ४)(Recommendations relating to domain assignment(At least ४))

१.	२.
३.	४.

५. एकदरीत गुणाकन (Overall Gradation) -  
{ १-१० या मर्यादित गुणाकन देण्यात यावे. }

ठिकाण (Place) -

दिनांक (Date) -

पुनर्विलोकन अधिकाऱ्याची सही, नाव व पदनाम  
Signature, Name & Designation of Reviewing Officer

गोपनीय अहवालाची छायाकिंत प्रत समक्ष मिळाली,	गोपनीय अहवालाची छायाकिंत प्रत संबंधित अधिकारी/कर्मचारी यांना डाकेने पाठविल्यास
संबंधित अधिकारी/कर्मचारी यांचे नाव व दिनांकित स्थावरी	पत्र क्र. - दिनांक - संस्करण अधिकारी यांचे नाव, पदनाम व स्थावरी

पृष्ठ ४७ पैकी ४७

## B. Its implementation and effectiveness (15)

Institute Marks

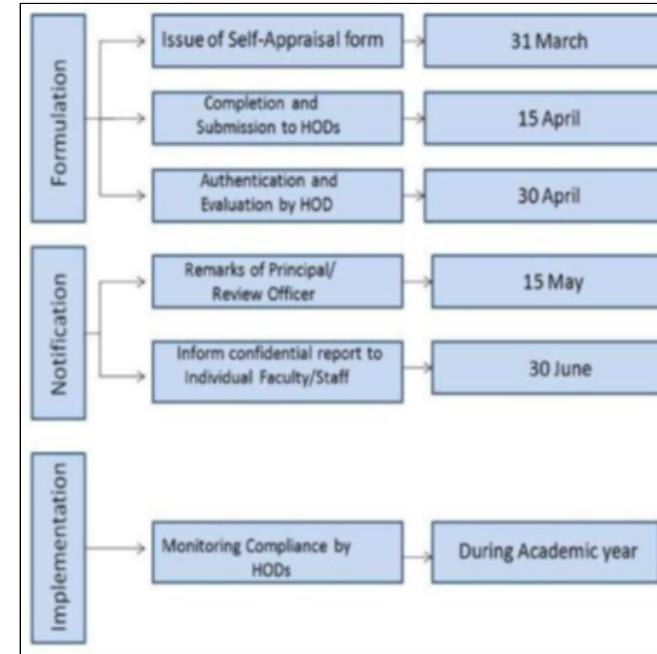
15.00

### 5.6. b Implementation and Effectiveness(15):

- A well defined faculty performance appraisals system is established by Government of Maharashtra.

- The faculty Performance Appraisal and Development System(FPADS) is implemented for faculty members at all levels i.e. Principal, Head of Department and Lecturer.
- These separate performance parameters/criteria are being developed for Principal, Head of Department and Lecturer.
- The performance appraisal of lecturer is assessed by Head of Department and reviewed by Principal.
- The performance appraisal of Head of Department is assessed by principal and reviewed by Joint Director.
- The performance appraisal of Principal is assessed by Joint Director and reviewed by Director.

#### Activity Flow Chart (FPADS)



Following table shows Implementation of Faculty Performance Appraisal and Confidential report from 2016-17 to 2018-19 as follows.

Sr. No.	Faculty Code	2018-19		2017-18		2016-17	
		Numerical Gradation	Grade	Numerical Gradation	Grade	Numerical Gradation	
1	19D0107	7	A	7	A	7.38	A
2	12G1510	7.14	A	7.2	A	6.8	A
3	14V1507	5.3	B	7.32	A		A
4	16S0508	7.07	A	7.14	A	7	A

5	11D0111		A		A		A
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**Table 5.6.1: Performance Appraisal and Confidential report**

**Remark:** Data is collected from faculty confidential report of last three years. The evidence of confidential reports and weightages and grade will be produced at the time of committee visit. Since it is being confidential faculty names are mentioned as faculty code.

**C. Details of qualification up-gradation of faculty (10)**

Institute Marks

10.00

**C. Details of qualification up-gradation of faculty**

Normally all regular faculties in department are selected through Maharashtra Public Service Commission & had been gone through screening based on Experience & Higher qualification. Minimum qualification for a Lecturer in Government Polytechnics is Bachelor of Engineering (B.E.). But in MPSC interview they mostly prefer the candidates who have higher qualification & experience.

In our department visiting faculties are also gone through such type of screening & selection procedure at institute level. So all faculties are well experienced & highly educated.

**6 FACILITIES AND TECHNICAL SUPPORT (100)**

Total Marks 100.00

**6.1 Availability of adequate, well equipped classrooms to meet the curriculum requirements (10)**

Total Marks 10.00

Department of Computer engineering at Government residential womens polytechnic has adequate number of classrooms. These classrooms are Spacious and well-ventilated. Basic facilities like desks, electricity supply, lanterns, fans, green-boards etc are sufficient in numbers in each classroom. All these classrooms are utilized for engaging lectures and tutorials. Below mentioned, Table 1 gives quick overview of classrooms, facilities available and utilization purpose of classrooms. All classrooms are exclusively used by computer engineering department.

**Table 1 : List of Classrooms and facilities**

Sr No	Class Room Name	Used By	Area (Sq. M)	Capacity to Sit Students	Available Furniture / Facility					Utilization Purpose
					Desks	lantern	Fans	Type Of Board	LAN Facility	
1	Room 3	First Year Students	95.94	60+	30	7	5	Green Board	Yes	Lectures and Tutorials
2	Room 4	Second Year Students	95.94	60+	30	7	5	Green Board	Yes	
3	Drawing Hall	Third Year Students	154.06	125+	62	15	12	Green Board	Yes	

**6.2 Availability of adequate and well-equipped workshops, Laboratories and Technical manpower to meet the curriculum requirements (40)**

Total Marks 40.00

**A. Adequacy (10)**

Institute Marks

Computer engineering Program at Government residential womens polytechnic Latur, is having total 5 number of laboratories which are exclusively used by students and teachers of this program. The laboratories are hosting almost 20+ number of computers in each. These computers are very newly purchased and provided by Directorate of technical education mumbai in 2019. Almost all computers in each laboratory are with very new and high configuration i.e i3,i5 processors and 4GB,8GB of RAM. Table 2, mentioned here, gives insights of Laboratory names and available furniture details. Apart from five exclusive laboratories of computer engineering program, the Physics and chemistry laboratories are also used on shared utilization basis.

Every laboratory has exclusive computing facility, furniture, independent infrastructure as well as good seating arrangements for students, leading to quality learning experience for students.

**Table 2 : Adequacy of furniture and other facilities in Laboratories**

Sr no	Laboratory Name / Faculty Room	Area (Sq. M)	Capacity to Sit Students	Available Furniture / Facility				
				Computer Tables	Tube-lights	Fans	Number / Type Of Board	Chairs
1	Internet Laboratory	95.94	20	19	8	5	02/Green Board	25
2	Programming Laboratory	95.94	20	16	9	6	Green Board	20
3	Operating System Laboratory	95.94	20	16	7	6	Green Board	20
4	Software Development Laboratory	96.23	20	14	9	6	NIL	20
5	Hardware Laboratory	95.94	20	6	9	6	Green Board	20

#### B. Quality of Labs/workshop (20)

Institute Marks

20.00

Learning by doing can only be achieved when students work in laboratory. Here at Computer engineering program, All five laboratories are having very good quality of resources. These computing resources, technological facilities, infrastructural facilities etc are very much adequate in number as well as in quality. Along with, advanced latest configuration of computing hardware, very newly introduced software packages like Windows 10 Operating system, Java Packages etc are installed in computers. The combination of modern hardware and software makes students learning by doing more effective. The information in tables on next few pages gives clear indication that all computing resources, equipments and facilities are of very high quality and very much adequate in number for performing practical and workshop practices.

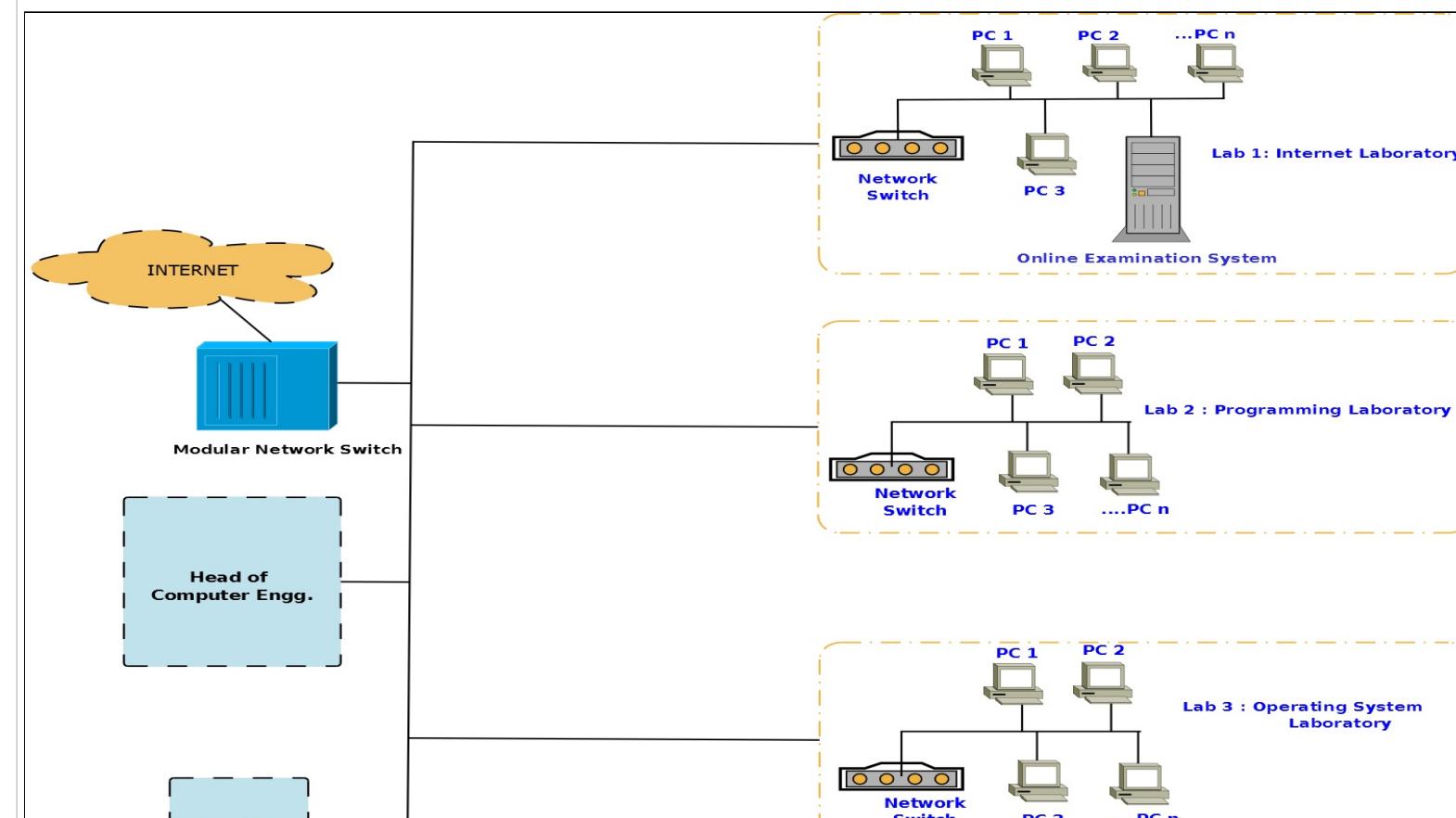
Apart from above mentioned facilities in laboratory, all computers in each one of five labs and four faculty rooms are well connected to Internet. All these computers are also connected to each other in local area network(LAN) with configurable switch available at seating room of Head of Computer engineering program.

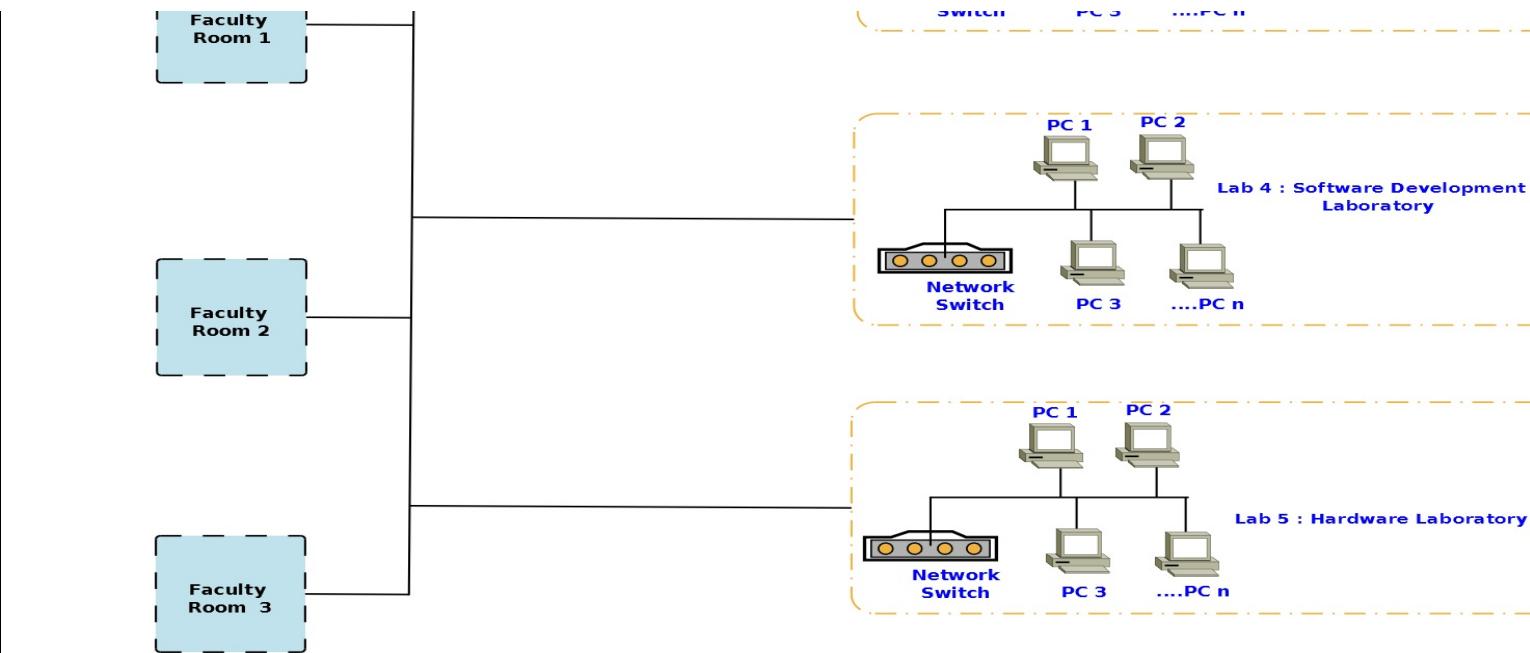
The hardware equipments required for course Workshop practice are available in dedicated hardware laboratory. Following table shows available hardware equipments in computer workshop.

**Table 3: Availability of hardware equipments in Computer Workshop**

Sr No	Name of Laboratory	Area (Sq. M)	Batch Size	Name of Important Equipments	Technical Manpower Support			Remark
					Hardware	Name Of Technical Staff	Designation	Qualification
1	Hardware Laboratory	95.94	20	Personal Computer, Mother board Kit, NIC Card, Sound Card HDD Drives, Crimping Tools, Lan Testers USB and PS2 Keyboard and Mouse CPU, LAN Cables, RJ 45 Connector etc	Ku. N D Hishobe	Technical Lab. Assistant	I.T.I-Elec	Exclusive use

Apart from above mentioned technical facilities, basic facilities like Notice boards in open porch, White board and green notice board in laboratory, Shoe racks outside each laboratory etc are provided for students. Utmost cleanliness and hygiene is maintained not only in laboratory but each classroom, drawing hall, workshop, faculty room, open porch.





**Figure 1 : Network Layout and Logical Arrangement of Laboratories in Computer Engg. Program**

Figure 1 shows the Leased Line based Internet Facility created at computer engineering department. All laboratories have active Internet connection given from Modular network switch. Each laboratory of five laboratories have independent switch. This switch can be used for providing internet connectivity to each computer in laboratory. In addition to internet connection to laboratory, 1 HoD Cabin and 3 faculty room also have direct internet connection from Modular network switch.

#### C. Technical Manpower support –Eligible and Adequate (10)

Institute Marks

10.00

Below mentioned self-explanatory table shows availability of technical manpower faculty and supporting staff, their educational qualifications and designation.

**Table 4 : Technical manpower**

Sr no	Name of Technical Person	Designation	Qualification	Experience (Yrs)
1	Shri S V Chavan	I/C Head of Computer Engineering  Lecturer in Computer Engineering	M.E	31
2	Ku R D Kasar		M.tech	16
3	Ku M G Mulge		M.tech	15
4	Mrs A S Patil		M.tech	07
5	Shri A D Ambure		M.tech	04
6	Ku N D Hishobe	Technical Lab Assistant	I.T.I-Elec	28
7	Shri D V Gaikwad	Peon	B A	24

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment(Costing more than Rs.30,000)	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Internet Labora	20	Dell Desktop P	CSE,NMA,STE	Ku. N D Hishot	Technical Lab.	I.T.I-Elec
2	Programming L	20	HP-Desktop P	PWV,WPI,RDM	Ku. N D Hishot	Technical Lab.	I.T.I-Elec
3	Operating Syst	20	Lenovo desktop	DSU, CGR,AM	Ku. N D Hishot	Technical Lab.	I.T.I-Elec
4	Software Deve	20	Lenovo desktop	OOP,AJP, LPF	Ku. N D Hishot	Technical Lab.	I.T.I-Elec
5	Hardware Labc	20	Personal Comp	Workshop Pract	Ku. N D Hishot	Technical Lab.	I.T.I-Elec
6	Physics Lab	20	Bunsen Spot P	Basic Science-	Mrs. V. G. Lagc	Lab Assistant	B.Sc
7	Chemistry Lab	20	Digital PH mete	Basic Science	Mrs. V. G. Lagc	Lab Assistant	B.Sc
8	Electrical Engir	20	Wire Wound Re	Elements of elec	Mr. Survase B.	Instructor (Elec	Diploma in Elec
9	Digital Electron	20	Sine-Square ge	Digital Techniq	Mr. Gund S.S.	Instructor (TLA	Diploma in Info

**6.3 Additional facilities created for improving the quality of learning experience in laboratories (20)**

Total Marks 20.00

**A. Facilities (10)**

Institute Marks

10.00

The List of additional facilities created is mentioned in below table.

**Table 5 : List of additional facilities created**

Sr No	Facility Name	Details
1	Departmental library	Specimen Copies of Textbooks, Lab Manuals, Reference Books, Project Reports, Magazines etc
2	DELNET (mhgrwpl)	DELNET facilitates to search and access, E-book, E-journals, E-articles, Language learning Portal etc
3	LCD Projector with Sound System	Computer Engineering Program has one ceiling mounted projector with facility of sound system
4	WiFi Facility	Wifi facility is provided by using one wifi device kept at HoD cabin
5	Online Exam	Department has 80+ computers connected to internet exclusively. Along with computers from civil engineering program count of computers is 100+ computers.
6	High-speed Internet Leased Line Facility	A dedicated high-speed Internet leased line with 100 MBPS capacity connection from BSNL Latur.
7	MSBTE Video Lecture arrangement for Students	Video Lectures Prepared by MSBTE Subject Experts on Applied Mathematics subject are made available for Students to learn concept.

8	NPTEL Video Lecture Storage on PC	NPTEL Videos of All Subjects for diploma as well as engineering are available at institute level in two USB hard disk drives of total $4+4=8$ Terabytes in Size.
---	-----------------------------------	--

## B. Effective Utilization (5)

Institute Marks

5.00

The information about utilisation of created facilities is given below.

**Table 6 : Effective Utilisation of facilities**

<b>Sr No</b>	<b>Facility Name</b>	<b>Utilization</b>
1	Departmental library	Departmental library is exclusive for all three years of computer engineering program
2	DELNET (mhgrwpl)	DELNET can be accessed by username "mhgrwpl" from any computer in laboratory
3	LCD Projector with Sound System	Students and faculties utilize this facility. All final year students always use LCD projector for their seminar and project presentation purpose
4	WiFi Facility	Android Apps, MSBTE Video Lectures, Baseline Test, sharing of digital contents etc activities are performed by students.
5	Online Exam	Facility is used by students of all programs for Attempting Online Test and Online Final Exams organized by MSBTE
6	High-speed Internet Leased Line Facility	Facility is used by students of all three years, staff and faculties of institute
7	MSBTE Video Lecture arrangement for Students	All students in institute concerned to these video lectures subject utilize this facility.
8	NPTEL Video Lecture Storage on PC	All students from all year can utilize this faculty for improvement of their knowledge

Following images show the utilization status of above mentioned facilities.





# महाराष्ट्र राज्य तंत्र शिक्षण मंडळ.

(स्वाच्छन्न) (ISO: १००१:२०१५) (ISO/IES : २७००१-२०१३)

शासकीय तंत्रनिकेतन इमारत, घोडा मजला, ४९, खेरवाडी, बांद्रा (पूर्व), मुंबई - ४०० ०५१.  
दूरध्वनीक्र.: २६४८१२५५ (फै.)/२६४८७ ०९१६ (वै.)  
Email : [secretary@msbte.com](mailto:secretary@msbte.com)

फोनस ९१-०२२-२६४८७३९८०

Web : [www.msbte.com](http://www.msbte.com)

जा.क्र.मराठीशंभ/का-५०/Live/२०२०/ १४३

दिनांक:- ५ FEB 2020

## महत्वाचे परिपत्रक

प्रति,

प्राचारं,

AICTE अध्यासक्रम राजिवगांधी मंडळार्थी संलग्नीत

सर्व संस्था तसेच स्वायत्तंत्रनिकेतने,

विषय: तंत्रनिकेतनातील अध्यापकोंसाठी "Case Study Based Teaching-Learning Process and Performance Based Assessment" (Live Broadcasting) चे प्रशिक्षण आयोजित करण्यावात.

मंडळाच्या बृहत आराखडा २०१९-२४ तवार करण्यात आलेला आहे, सदर आराखडामध्ये विद्यार्थ्यांच्या शैक्षणिक गुणवत्ता वार्दीसाठी Teaching-Learning Process मध्ये सुधारणा करण्याचे प्रायद्यन आहे. त्यामध्ये "Case Study Based Teaching-Learning Process" चा वापर विद्यार्थ्यांना शिकविण्यासाठी करण्यावर भर आहे. जेपेकरून विद्यार्थ्यांना एखादी Case study घेऊन त्या अनुभवातुन सहजतेने शिकता येईल. याकरिता मंडळाने Micro project व Capstone Project चा सुदृढा 'I' Scheme अध्यासक्रमात साधावेश केलेला आहे. "Case Study Based Teaching-Learning Process" च्या बाबत अध्यापकोंना प्रशिक्षित करण्याचे आवश्यक आहे. त्याकरिता मंडळामार्फत तंत्रनिकेतनातील अध्यापकोंसाठी "Case Study Based Teaching-Learning Process and Performance Based Assessment" (Live Broadcasting) चे आयोजन करण्यात आलेले आहे.

तंत्रनिकेतनातील शिक्षकांना याचावतीत प्रशिक्षित करण्यासाठी मंडळाच्या अध्यासक्रम विकासासाठी नियुक्त केलेले सल्लागार य NITTTR, घोगाळ यांगील प्राध्यापक डॉ. अरनेश जोशीवा व डॉ. शशिकोत गुप्ता हे दिनांक १५,०२,२०२० रोजी १ दिवसाचे प्रशिक्षण देणार आहेत. सदर प्रशिक्षणाचे घेट प्रक्षेपण पार्थ टुडीओ, एरोली, नवी मुंबई येथून सकाळी १० ते संध्याकाळी ६ या वेळेत करण्यान येणार आहे.

तरी सर्व संस्थांप्रमुखाना सुचित करण्यात येते की, सदर प्रशिक्षण पाहण्याची सुविधा आपआपल्या संस्थांमध्ये उपलब्ध करून द्यावी. यारिल प्रशिक्षणाचा लाभ संस्थेतील सर्व अध्यापकांनो घेणे आवश्यक आहे. सदर प्रशिक्षणान अध्यापकांना काही शंका / सुवाना असल्यास थेट प्रक्षेपण दराव्यान त्यांचे निरसन करता येईल. द्यावात सर्व अध्यापकांना निर्देशीत करावे.

संस्था रत्नावर याचे आयोजन करताना तांत्रिक सहाय्यासाठी उपसचिव, मंडळाचे संबंधित विभागीय कार्यालय तसेच श्री. आशिव दिवित, हेड अलायन्स, पार्थ टुडीओ, एरोली, नवी मुंबई, प्रमणधनी क्र. ११६७९५६०३८ / ८६५५५७५००६ योग्यार्थी संपर्क सापेक्षा.

(वि. र. जाधव)

प्र. सचिव

म. रा. तंत्र शिक्षण मंडळ, मुंबई

प्रत:

उपसचिव, म.रा.तंत्र शिक्षण मंडळ, विधायीय कार्यालय, नागपूर, औरंगाबाद, सुने व मुंबई यांना माहिती व आवश्यक कार्यावाहीसाठी.

E:\backups\Pramod\Marathi Letter - ISM.DOCX

COPY ①/②

"Case study Based Teaching-Learning Process and Performance Based Assessment" ( Live Broadcasting ) Date : 15/02/2020

Sr No	Name of Lecture	Department Name	Signature
1	S V CHARANY	Comp Engg	<i>[Signature]</i>
2	A D AMBURE	COMP Engg	<i>[Signature]</i>
3	P Aithan S. A. W.	Comp Engg.	<i>[Signature]</i>
4	A-S. Patil	Comp Engg	<i>[Signature]</i>
5	M G. Mulpe	Comp Dept	<i>[Signature]</i>
6	R.D. Kapoor		<i>[Signature]</i>
7	J C. Rathod	Mech. Dep.	<i>[Signature]</i>
8	R.B. Kalakade	EE Dept	<i>[Signature]</i>
9	Mrs. S.A. Agarkar	ET DEPT	<i>[Signature]</i>
10	Mrs. S.H. Chincholkar	ET Dept	<i>[Signature]</i>
11	A. S. Latumbar	HOD ET	<i>[Signature]</i>
12	A. P. Ghode	ET dept	<i>[Signature]</i>
13	DR. S D Yardi	ET Dept.	<i>[Signature]</i>
14	C K. Dhulgundre	Science (Maths)	<i>[Signature]</i>
15	H. S. Jivani	EE	<i>[Signature]</i>
16	S.A. Hasteekar	MU	<i>[Signature]</i>
17	A.S. Bhondale	ET	<i>[Signature]</i>
18	R.V. Mahagaonkar	ET	<i>[Signature]</i>
19	P. M. Kudde	ET	<i>[Signature]</i>
20			
21			
22			
23			
24			
25			
--			

15  
Principal, 15/2/20  
G.R.W.P. Latur.



Picture : Utilization of Facility : Live Broadcasting by MSBTE on Case Study Teaching Learning Process and Performance based Assessment

**MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI**

**GOVERNMENT RESIDENTIAL WOMEN'S POLYTECHNIC, LATUR**

**ONLINE SESSIONAL TEST -II WINTER -2019 ( 09-10-2019 TO 09-10-2019 )**

SR. NO	SUBJECT & CODE	BRANCH	TOTAL NO OF STUDENTS	DATE OF EXAMINATION	EXAM TIME	EXAM DURATION GIVEN BY MSBTE	EXAM VENUE
1	AJP-22517	CO51	55	09/10/2019	10:30 TO 6:00		LAB-01 INTERNET LAB & LAB-02 PROGRAMMING LAB of Computer Engi. Department
2	EST-22447	ET51	46	10/10/2019	10:30 TO 6:00	30-MIN	
<b>ONLINE SESSIONAL TEST -II WINTER -2019 ( 17-10-2019 TO 18-10-2019 )</b>							
3	BSC-22102 [Basic Science]	CE1-I MU1-I CO1-I ET1-I	69 43 69 56	17/10/2019 18/10/2019	10:30 TO 6:00 10:30 TO 6:00	30-MIN	LAB-01 INTERNET LAB & LAB-02 PROGRAMMING LAB of Computer Engi. Department

Note: All students must be reported at respective Lab before 15 min of exam time schedule

Copy to :- ET/MU/CE/CO/SCH/Academic coordinator

Principal  
G. R. W. P. Latur

**Picture : Facility of Online Examination- Exam Time table**

e-Exam Portal of MSBTE 22102

<http://192.168.1.11:4001/userindex.php>

## Maharashtra State Board of Technical Education, Mumbai

### Online Examination, Basic Science (22102) Test-II, Winter- 2019

My Home  
(userindex.php)
Log Out
Welcome 6136ES [192.168.1.11]

**EXAMINER LINKS**

- [Home page](#)
- [Important Instructions](#)
- [Exam Test Code](#)
- [Present/Absent Mark](#)
- [Print Report P/A](#)
- [Add Candidate](#)
- [Allow Candidate Exam](#)
- [Reset Candidate Exam](#)
- [Export Data](#)

**EXAM STATUS**

Total Students : 292  
 Total Present : 85  
 Total Absent : 0  
 Total Admit : 0  
 Total End : 13  
 Total Export : 0  
 Total Inprogress : 36

Sr No	Enroll No	Name	P/A	Status
1	1901360158	HIRE SNEHA SARHARAM	Select P/A	Anisha
2	1901360159	KAMBLE ANISHA KANT	Select P/A	anikka
3	1901360161	MALSHETTE VANSHIKA DAYANAND	Select P/A	Zohra
4	1901360162	SHELIKE VARSHARANI BALAJI	Select P/A	sheza
5	1901360163	SHINDE AARTI PRakash	Select P/A	Ranad
6	1901360164	KHOSE ANWITA BALASAHEB	Select P/A	Shashik
7	1901360165	KARAD VAISHNAVI GHANASHYAM	Select P/A	Shubhangi
8	1901360166	MAHAMUNI VADEHI ANAND	Select P/A	Uma
9	1901360167	KAPSE NIKITA SHANKAR	Select P/A	Rishabh
10	1901360168	ANUSHKA GOOSE	Select P/A	Bipali
11	1901360169	ALANGE SHUBHAMGI SHRIPATI	Select P/A	Aanchal
12	1901360170	MATHAPATI NITA RAVISHANKAR	Select P/A	Shivani
13	1901360171	CHANDE PRIYANKA YUYAKUNAR	Select P/A	Rishabh
14	1901360172	AUTADE VAISHNAVI BAPURAO	Select P/A	Shubhangi
15	1901360173	BHISE SANJUJI NAVNATH	Select P/A	Uma
16	1901360174	YASHIWANT RUTUJA RAM	Select P/A	Rishabh
17	1901360175	SURVASE POOJA SOMADEV	Select P/A	Rishabh
18	1901360176	WAIGH TEJASVI JYOTIRAM	Select P/A	Uma
19	1901360177	PATIL VAISHNAVI SANJAY	Select P/A	Swati
20	1901360178	MALWADE MANTA RAJKUMAR	Select P/A	Rishabh
21	1901360179	BIRDAR SUJATA MAGHATH	Select P/A	Shubhangi
22	1901360180	SHAIKH HAJIYA ISAA	Select P/A	Rishabh
23	1901360181	ZIRWIRE VAIBHAVI MURLIDHAR	Select P/A	Uma
24	1901360182	PATIL TANUJA BHURAON	Select P/A	Swati
25	1901360183	BIRDAR SURPITA SANJAYKUMAR	Select P/A	Rishabh
26	1901360184	WADKAR PRANITA VITTHAL	Select P/A	Shubhangi
27	1901360185	DEVISINGHAR SUSMITA DATT	Select P/A	Uma
28	1901360186	BHISE MEGHA POAPATRAO	Select P/A	Swati
29	1901360187	MANE AISHWARYA MALASABED	Select P/A	Rishabh
30	1901360188	BHISE PRATIKSHA RAOSABED	Select P/A	Shubhangi
31	1901360189	MALWADE RUCHIRA SURESH	Select P/A	Uma
32	1901360191	KANGLE ADITI MANOJKUMAR	Select P/A	Swati
33	1901360193	BHARATI VAISHNAVI ANIL.	Select P/A	Rishabh
34	1901360195	JADHAV RUTUJA DNYANESHWAR	Select P/A	Shubhangi
35	1901360196	BANSODE SONAM SITARAM	Select P/A	Uma
36	1901360198	HUDGE VAISHNAVI CHANDRAKANT	Select P/A	Swati
37	1901360199	PAWAR VAISHNAVI CHANDRASKHAR	Select P/A	Rishabh
38	1901360201	GAIKWAD SANDHYA TANAJI	Select P/A	Shubhangi
39	1901360202	WAIGHWARE DIPALI DILIP	Select P/A	Uma
40	1901360203	KAMBLE AISHWARYA PRADIP	Select P/A	Swati
41	1901360204	KAMBLE AISHWARYA PRADIP	Select P/A	Rishabh

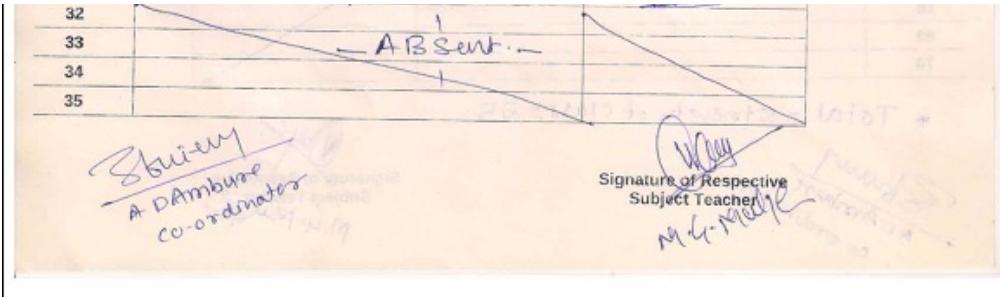
41	1901360020	GOBADE NISHIGANDHA NILKANTH	Select P/A	Nishigandha Monga Anuja
42	1901360211	MADREWAR MANSI MAROTI	Select P/A	
43	1901360212	KADAM ANUJA DHANANJAY	Select P/A	

Submit

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### Picture : Facility of Online Examination- Students Attendance

Attendance of MSBTE LIVE WEBINAR ON EMERGING TRENDS IN RESPECTIVE PROGRAM		
Branch : Comp. Engg.	Date : 04/01/2020	9:00AM to 11:30AM
Roll No	Name	Sign
1	Aglave Divya Sanjay	Divya
2	Bhalekar Manisha Rambhau	Bhalekar
3	Biderkar Vaishnavi Baranand	Vaishnavi
4	Borsune Saiksha Vitthal	Saiksha
5	Chebole Pallavi Rajendra	Pallavi
6	Cheble Anjali Chandresekaran	Anjali
7	Choutwar Vaishnavi Balaprasad	Vaishnavi
8	Deshmane Summaia Sidraam	Summaia
9	Gangpure Shubhangi Bandappa	Shubhangi
10	Gavali Snehal Balaji	Snehal
11	Gawore Shruti Madhav	Shruti
12	Ingle Sanskruti Anil	Sanskruti
13	Ghale Nandini manoj	Nandini
14	Gudle Prakta Baliram	Gudle
15	Jadhav Madhuri Govind	Madhuri
16	Jadhav Vaishnavi Satish	Vaishnavi
17	Jamatpure Pooja Dattatrya	Pooja
18		AB
19	Kamble Poonam Dnyanoba	Kamble
20	Kshirsagar Nikita Bapurao	Nikita
21	Kulkarni Preediksha Santosh	Preediksha
22	Kurund Bhakti Jalindar	Bhakti
23	Ladke Shraddha Ravishankar	Shraddha
24	Lohare Mansi Satish	Mansi
25	Mali Monisha Mohan	Monisha
26	Mane Rutuja Dhirendra	Rutuja
27	Mankeshwari Shraddha Ranjeet	Shraddha
28	Marsone Vaishali Parmeshwar	Vaishali
29	Mekale Priti Maruti	Priti
30	More Tanavi Sudhir	Tanavi
31	Muchewad Aripita Balaji	Aripita



Picture : Facility of MSBTE Live Webinar on Emerging trends in Computer Engg

**BHARAT SANCHAR NIGAM LIMITED**

Supplier's Address: O/o CGM, Mh Circle, 6th Floor, B Wing, Admin Bldg., Juhu Ganda Complex, Juhu Tala Road Santacruz West Mumbai-400054, Maharashtra

Name & Communication Address of the Customer      Leased Circuit Bill/Tax Invoice\*

PRINCIPAL GOVT RESIDENTIAL WOMEN POLYTECHNIC LATUR  
PRINCIPAL GOVT. RESI. WOMEN POLY. COLLEGE  
BARSJI ROAD 9422862159-MIDC LATUR LATUR IN  
LATUR-LATUR 413512

**Passed for Payment**  
Rs. 340781.41/- (Three Lakhs Forty Thousand Seven Hundred Eighty Two Rupees and Zero Paise)

Customer GSTIN: *संचार निगम लिमिटेड*  
Deposit 0.00  
Account Summary

Previous Balance	Last Payment	Adjustments	Current Charges	Account Balance	Amount Payable
-485218.59	0.00	+ Principal	+ 826000.00	= 340781.41	= 340782.00 (Rounded Up)

Amount In Words: Three Lakhs Forty Thousand Seven Hundred Eighty Two Rupees and Zero Paise

Dear Customer, Income Tax Department, Govt. of India has granted certificate to BSNL relating to TDS at lower rates for FY-2019-20. TDS may be recovered at the applicable rates as per Ref no. 197(1)(AACB5676G/2019-20/I Dated 30.06.2019 issued by Income Tax Department.

Lead ARIE to Address:- PRINCIPAL GOVT RES WOMEN POLY. LATUR MIDC LATUR LATUR LATUR IN 413512	Lead B Address:-
---	------------------

Circuit Type Internet Circuit/ 100 Mbps LLA-7 LLB- CHD-0 NON-MLLN

Product	Plan	Period	Qty	Rate	Charges
Circuit Rev/SAC-9994	Internet Circuit	01/04/20 to 31/03/21	NA	NA	70000.00
Modem Discous-HSN-6973	Internet Circuit	01/04/20 to 31/03/21	1	0.00	0.00
Total Charges (Rs.)					70000.00

Summary of Current Charges      Amount(Rs)

Recurring Charges	70000.00
One Time Charges	0.00
Usage Charges	0.00
Discount	0.00
Tax	126000.00
Total Charges	826000.00

Tax Details      PAN NUMBER: MGBCS6754

Description	Tax Rate	Amount	Taxable Value
CST	9.00%	63000.00	700000.00
SGST/UTGST	9.00%	63000.00	700000.00

*[Signature]*

लेखाधिकारी (राजस्व)  
हायाप्रेस्ट टुलंडार दा वार्किंग, लातूर-४१३५९२  
Accounts Officer (TRA)  
G/o.G.M.T.BSNL, LATUR - 413512

GST REGISTRATION NUMBER: 27AABC56769121

CIN: U44899MH2020GBC107789

YTD 914953/25-8-2020

R.S.340781/-

*Original For Recipient/Duplicate For Supplier		E.O.C.	Counter Foli
Invoice No: NDCMH1900054173	BHARAT SANCHAR NIGAM LTD	Account No.: 7000711260 Leased Circuit Id.: 1000456632 Amount Payable : 340782.00	
Invoice Date: 03/01/2020			
Due Date: 25/01/2020			
Mode of payment	<input type="checkbox"/> Cash	<input type="checkbox"/> Cheque/DD	<input type="checkbox"/> Credit / Debit Card
Cheque/DD No.	<input type="checkbox"/> E-payment <input type="checkbox"/> EFT		
	Dated	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Bank _____ Branch _____
Please Charge Rs.	Against Card no.	<input type="checkbox"/> Visa <input type="checkbox"/> Masters <input checked="" type="checkbox"/> Diners/ <input type="checkbox"/> Amex	
Expiry Date	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Signature _____	Card Holder's Name _____
Please make crossed Cheque/DD/Pay order for Amount Payable (Rounded Up) in favour of AO (Cash), BSNL,LATUR			
Note: Post Offices / Banks to accept Bills against Account Number on or before Due Date only			
			For bank use only Page 1 of 1

**Picture : Internet Leased line bill payment receipt**



**Picture : LCD Projector facility utilization**





**Picture : LCD Projector facility utilization for Expert lecture purpose**

**C. Relevance to POs/PSOs (5)**

Institute Marks

5.00

Below mentioned table shows the relevance to PSs and PSOs

**Table 7 : Relevance of facility to POs /PSO's**

Sr No	Facility Name	Areas in which students are exposed to have enhanced learning	Relevance to POs /PSO's
1	Departmental library	Students and teachers refer reference books, magazines and articles for getting exposure to latest technology	PO1, PO2, PO3, PSO1
2	DELNET (mhgrwpl)	Students can get exposure to E-contents, E-books, articles on any topic in any domain. Online Databases, Language learning portal, videos, Ancient Manuscripts and rare books etc are available on DELNET	PO1, PO6, PO7,PSO1
3	LCD Projector with Sound System	Students get acquainted with presentation skill, Stage daring, command on language, time management etc and other soft skills also.	PO1,PO6,PO7,PSO1,PSO2
4	WiFi Facility	Using digital platforms and internet facility, students get more exposure to latest technological trends, MOOCs, E-courses etc.	PO1,PO4,PO5, PO6,PO7,PSO1,PSO2
5	Online Exam	Skills like Handling of Computers, attempting Online exams, Time management etc and enhanced learning in respective subjects	PO1,PO3,PO5,PO7,PSO1,PSO2
6	High-speed Internet Leased Line Facility	Exposure to recent technological trends, any moocs, any online programming competition video lectures, npTEL courses etc	PO1,PO4,PO5, PO6,PO7,PSO1,PSO2
7	MSBTE Video Lecture arrangement for Students	Students do get more detailed exposure to Applied Mathematics subject by state level subject expert.	PO1,PO6,PO7,PSO1,PSO2
8	NPTEL Video Lecture Storage on PC	Better understanding of subject	PO1,PO6,PO7,PSO1,PSO2

Sr. No	Facility Name	Details	Reason(s) for creating facility	Utilization	Areas in which students are expected to have enhanced learning	Relevance to POs/PSOs
1	Departmental li	Specimen Cop	By referring re	Departmental li	Students and teachers refer	PO1, PO2, PC
2	DELNET (mhgi	DELNET facilit	The Idea behin	DELNET can b	Students can get exposure	PO1, PO6, PO
3	LCD Projector	Computer Engi	Facility is creat	Students and f:	Students get acquainted with	PO1,PO6,PO7
4	WiFi Facility	Wifi facility is p	Main reason be	Android Apps,	Using digital platforms and i	PO1,PO4,PO5
5	Online Exam	Department ha	Few courses fr	Facility is used	Skills like Handling of Comp	PO1,PO3,PO5
6	High-speed Int	A dedicated hiç	High-speed int	Facility is used	Exposure to recent technolc	PO1,PO4,PO5
7	MSBTE Video	Video Lectures	These video le	All students in i	Students do get more detail	PO1,PO6,PO7
8	NPTEL Video L	NPTEL Videos	Understanding	All students fro	Better understanding of sub	PO1,PO6,PO7

#### 6.4 Laboratories: Maintenance and overall ambiance (10)

Total Marks 10.00

Institute Marks

10.00

All computers, hardware devices, printers, scanners etc in laboratory are in well working conditions. Dead stock registers are maintained to keep records of purchase of equipments. Minor maintenance and repairing of equipments are performed by technical lab assistants. While performing these tasks, technical lab assistants makes sure that students also get involved into such activities so that they can have skill oriented real time experience of maintenance and repairing of devices. In Computer engineering program, all laboratories are equipped with sufficient number of hardware devices and software packages to meet curriculum requirements. Laboratory manual are distributed to all students at the start of academic sessions. Before starting of academic sessions, a routine maintenance is carried out by technical lab assistants. Next table shows working condition of overall hardware, furniture and items.

**Table 8 : Overall Maintenance**

Sr no	Facility/Hardware/Furniture/Item	Condition
1	Maintenance of All Computer Hardware and peripheral devices in all Laboratory	Good
2	LCD projector, Sound System, Power backup in Internet Laboratory	Good
3	Computer tables, Chairs, Stools, White boards, Green notice boards etc. in Laboratory	Good
4	Lanterns, Fans, Electric power supply switches, Air ventilation etc. facility in Classroom, Laboratory, Faculty rooms	Good
5	Networking devices, Switches, Lan Cables, Wall mounted cabinets etc. in Laboratory	Good
6	Notice boards, Shoes racks, Tube lights etc. facility in open porch outside Laboratory	Good

#### Common guidelines for accessing Computers and Internet facility at laboratory

1. Maintain a friendly and quiet lab for students to do their work.
2. Absolutely no food or beverages are allowed in the labs.
3. Cell-phone use in the lab is prohibited. Emergency calls can be received, but the user must step outside of the Lab to continue the conversation.
4. Use of pen drives that may tamper important data in computers is restricted
5. No student should try to install any software on any computers.

6. Educational, Secure and Authentic websites only should be accessed by students.

#### Overall ambiance at laboratories

All laboratories are having high quality of ventilation. Sufficient numbers of windows are available in each laboratories. In fact, whole campus as well as computer engineering departmental area is surrounded by good number of green trees as well as bushes so that a fresh and healthy atmosphere is available to students inside as well as outside laboratory.



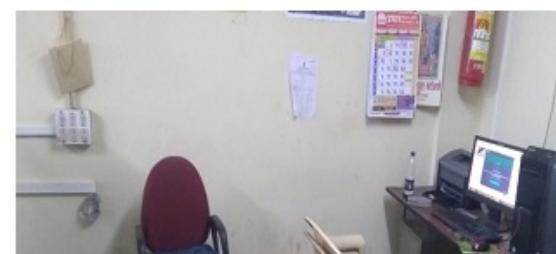
Picture : Seating arrangement at H.o.D of Computer Engineering Program



Picture : Overall Facility At HOD Cabin



Picture : Printer Scanner Facility At HOD Cabin

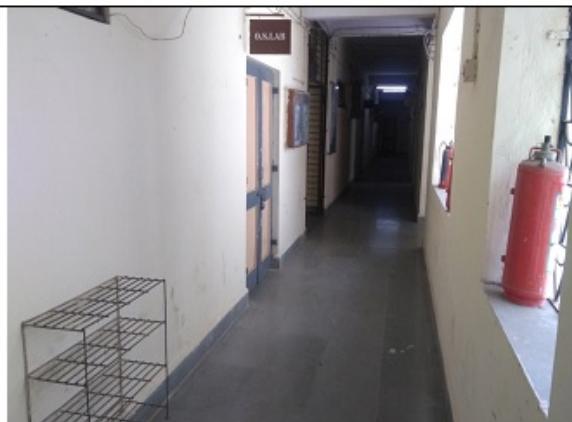




Picture : Seating Arrangement for Faculty and Lab. Assistants



Picture : Overall natural ambiance outside of Classroom, Faculty room and Laboratory



Picture : Overall ambiance at Internal corridor of Computer Engineering Program





**Picture : Internal corridor**



**Picture : Natural Ambiance at Outer corridor**

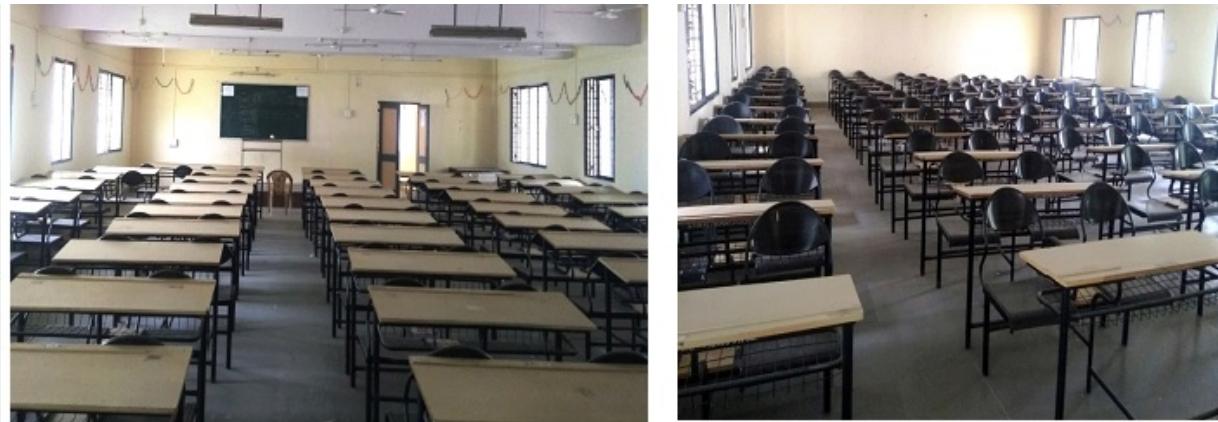


**Picture : Classroom facility First Year Students of Computer Engineering Program**



**Picture : Classroom facility Second Year Students of Computer Engineering Program**





**Picture : Classroom facility Third Year Students of Computer Engineering Program**



**Picture : Computing Facility at Internet Laboratory**



**Picture : Projector and LCD Screen facility**

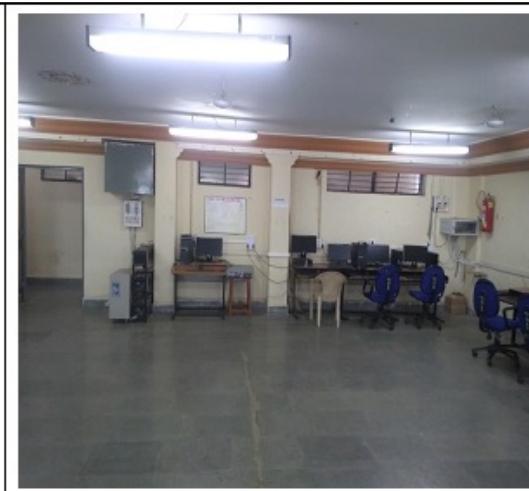


**Picture : Ceiling mounted projector facility**



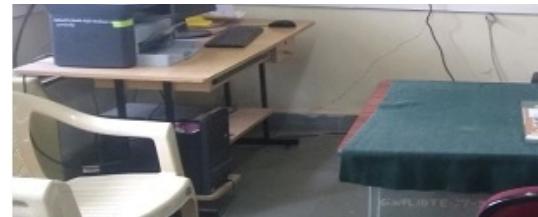
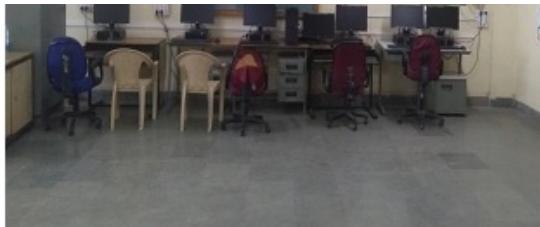
**Picture : Power backup facility**

**Picture : Internet Switch and Rack**

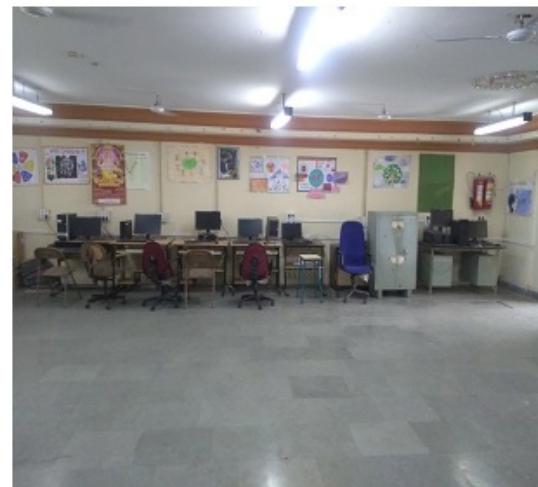


**Picture : Computing Facility at Programming Laboratory**





**Picture : Computing, fire extinguisher, Printer, Scanner facility at Programming Laboratory**



**Picture : Computing Facility at Operating System Laboratory**



**Picture : Computing Facility at Software Development Laboratory**





**Picture : Computing facility at Software development Laboratory**



**Picture : C.P.U Kit at Hardware Laboratory**



**Picture : Network Interface card Kit at Hardware**



**Picture : Motherboard Kit at Hardware**

#### Safety measures in laboratories:

All safety measure is taken by all students and faculty while performing any laboratory experiments. General list of safety measure taken is given in below table.

**Table 9: Safety measures in laboratories**

Sr No	Name of Laboratory	Safety measures
1	Internet Laboratory	1. Fire extinguisher are available in each laboratory
2	Programming Laboratory	2. All electric wires are protected by MCB, RCBO and fuses
3	Operating System Laboratory	3. First Aid Kit Boxes are available 4. Institute has special vehicle for emergency purposes. 5. Bandage and cotton is available in department.

4	Software Development Laboratory
5	Hardware Laboratory

**6.5 Availability of computing facility in the department (10)**

Total Marks 10.00

Institute Marks

10.00

Sr. No	No Of Computer terminals	Students Computer Ratio	Details of Legal Software	Details of Networking	Details of Printers, Scanners etc.
1	88	3:1	1)Windows 8 –	1) D-Link Netw	1) Epson EB-S

**6.6 Language lab (10)**

Total Marks 10.00

Institute Marks

10.00

English language skills have become inevitable in the era of globalization. The skills of language contribute to career of engineering profession where every manual of each equipment is in English language and technologists have to interpret it correctly and act accordingly. Therefore, to build competency in language, here at institute, a laboratory which is fully dedicated to English language is available. A Language laboratory is used by students of computer engineering program on timely shared basis. Language laboratory has adequate number of computers, printers, scanners, sound box, Headphones and other infrastructural furniture. All computers are connected to internet via 100 Mbps capacity link. Following few tables gives general overview and description of computing and other facilities in language lab.

**Table 10 : Furniture and other facilities at Language laboratory**

Sr. no.	Laboratory Name / Faculty Room	Area (Sq. M)	Capacity to Sit Students	Available Furniture / Facility					
				Computer Tables	Tube-lights	Fans	Number / Type Of Board	Chairs	Cupboards
1	Language Laboratory	46.37	21	21	6	5	01/Green-board	21	2

**Table 11 : Computing and Sound facilities at Language laboratory**

Sr no	Laboratory Name	Computers	Headphones	Sound Box`	Printers	Scanners	LAN Capacity	Computers in LAN	Utilization
1	Language Laboratory	21	21	2	2	2	100 Mbps	21	On Shared Basis

## 7 CONTINOUS IMPROVEMENT (75)

Total Marks 75.00

### 7.1 Actions taken based on the resultsof evaluation of each of the POs and PSOs (25)

Total Marks 25.00

Institute Marks

25.00

## POs Attainment Levels and Actions for Improvement- (2019-20)

POs	Target Level	Attainment Level	Observations
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### PO 1 : Basic and Discipline specific knowledge

PO 1	4	4	TTarget level achieved. Computer engineering curriculum requires the foundation of theoretical and practical knowledge of science , mathematics, and communication, which the students study in their first year, but student's lags in correlating the
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Action 1: Additional tutorial sessions to be arranged for mathematical courses.

Action 2: Assignments are given and get solved by students .This makes practice for students and teachers are able to know difficulties faced by students.

Action 3: Co-Curriculum activities arranged like teaching methodologies used in teaching-learning process

Action 4: NPTEL /SWAYAM course materials provided to students

#### PO 2 : Problem analysis

PO 2	4	3	Target level not achieved . At entry level the performance in chemistry, applied mathematics and engineering graphics found to be poor. The student's performance in Programming language , digital techniques and electrical techniques
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ACTION 1: Non Information Technology subjects performance improvement new strategy to be drafted

ACTION 2: More practical sessions along with industry expert's session for the subjects of programming lagunage is arranged.

ACTION 3: More Practical sessions conducted for Scripting and Expert talk on Information Security to be arranged.

ACTION 4: NPTEL /SWAYAM course materials provided to students

#### PO 3 : Design/ development of solutions

PO 3	3	3	Target Level achieved . Design solutions for well-defined technical problem one needs appropriate planning and more practical oriented approach towards system processes to meet specific need. Focus to be needed to learn more technologies rather than
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ACTION 1: Focuses is to be given on problems solving related to object oriented modeling and design.

ACTION 2 : The life cycle of Software development activity for understanding among students is to be carried out by arranging Industrial tour.

ACTION 3: Workshop to be conducted by Industry expert on advance technologies and software used in IT sectors.

#### PO 4 : Engineering Tools, Experimentation and Testing

PO 4	3	3	Target Level achieved .For Computer engineering problem one needs to work with modern tools appropriate planning and more practical oriented approach to develop end product with appropriate testing methodology which meet requirement.
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ACTION 1: To give more exposure to modern software, Application GUI /IDE programs are conducted by the department

ACTION 2:Looking into technology advancements Staff and Students are encouraged to take new technology based Projects.

ACTION 3: Set Higher Target Level for next year.

ACTION 4 :Conduct workshop to use latest software tools available in market like Eclipse for Java and Android programming

#### PO 5 : Engineering practices for society, sustainability and environment

PO 5	3	3	Target Level achieved and tries to maintain or update the target level in next academic year 2019-20 for that following actions to be taken.
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ACTION 1: Arrange the activities like Tree plantation, Swacha Bharat Abiyan to create awareness.

ACTION 2: Industrial visit conducted to make the students aware of all these issues related to engineering and society.

#### PO 6 : Project Management

PO 6	3	3	Target Level achieved as management principles acquired by individuals for well defined engineering activities are obtained to the optimal level so the target is increased to showcase her leadership skills and team member ability in the next academic year .
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ACTION 1: Behavioral science related activities to be organized.

ACTION 2: Role play activity is to be carried out to show case management skills

ACTION 3: Arranged Three days EDP workshop for final year students.

ACTION 4: Industry Sponsored projects allotted to final year students.

#### PO 7 : Life-long learning

PO 7	4	4	Target Level achieved. For computer engineering problem one needs updating the skills to survive in globally changing technological needs to meet requirement of future. The except final year and final year courses of the program are demonstrating the
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ACTION 1: Workshop to be arranged on project life cycle development.

ACTION 2: Expert talk on Time and conflict Management is to be organized.

ACTION 3: Students are motivated to organize and participate in sports, technical and cultural events.

#### PSOs Attainment Levels and Actions for Improvement- (2019-20)

PSOs	Target Level	Attainment Level	Observations
<b>PSO 1 : Computer Software and Hardware Usage: Use state-of-the-art technologies for operation and application of computer software and hardware.</b>			
PSO 1	3	3	Target Level achieved and tries to maintain or update the same target level in the next academic year following actions to be taken.
ACTION 1: Video based learning on programming. ACTION 2: Demonstrate the skills developed by students by working of the hardware and software aspects of computer systems. ACTION 3: NPTEL /SWAYAM course materials provided to students			

#### **PSO 2 : Computer Engineering Maintenance: Maintain computer engineering related software and hardware systems**

PSO 2	3	3	Target Level achieved and tries to maintain or update the same target level in the next academic year following actions to be taken.
ACTION 1: Pedagogical activities to be organized for technical subjects like data structure, Java etc. ACTION 2: Arranged industrial visits for students, to make aware of upcoming technologies and tools in the industry ACTION 3: Work professionally in software industries and achieve higher education for career enhancement			

#### **7.2 Improvement in Success Index of Students without the backlog (10)**

Total Marks 10.00

Institute Marks

10.00

Items	Latest Passed out Batch (2016-17)	Latest Passed out Batch minus 1 (2015-16)	Latest Passed out Batch minus 2 (2014-15)
Success Index (from 4.2.1)	0.51	0.42	0.30

#### **7.3 Improvement in Placement and Higher Studies (10)**

Total Marks 10.00

Institute Marks  
10.00

Items	Latest Passed out Batch (2016-17)	Latest Passed out Batch minus 1 (2015-16)	Latest Passed out Batch minus 2 (2014-15)
Placement Index (from 4.6)	0.69	0.80	0.70

#### 7.4 Improvement in Academic Performance in Final year (10)

Total Marks 10.00  
Institute Marks  
10.00

Items	Latest Passed out Batch (2016-17)	Latest Passed out Batch minus 1 (2015-16)	Latest Passed out Batch minus 2 (2014-15)
Academic Performance Index (from 4.3)	6.69	6.49	6.61

#### 7.5 Internal Academic Audits to Review Complete Academics & to Implement Corrective Actions on Continuous Basis (10)

Total Marks 10.00  
Institute Marks  
10.00

Items	2018-19 (CAYm1)	2017-18 (CAYm2)	2016-17 (CAYm3)
Internal Academic Audits	Internal acader	Internal acader	Internal acader

#### 7.6 New Facility created in the Program (10)

Total Marks 10.00  
Institute Marks  
10.00

Items	2018-19 (CAYm1)	2017-18 (CAYm2)	2016-17 (CAYm3)
New Facility Created	1. Four Networ	1. Two Networ	1.Weaker studi

### 8 STUDENT SUPPORT SYSTEMS (50)

Total Marks 50.00  
Institute Marks

#### 8.1 Mentoring system to help at individual level (10)

Total Marks 10.00  
Institute Marks

## **8.1 Mentoring system to help at individual level (10)**

### **Objectives of mentoring system:**

- I. To enhance the students' confidence and motivate them for setting higher goals, risk taking abilities and ultimately guiding them to achieve higher levels.
- II. To help students for individual recognition and encouragement.
- III. To provide guidance to get exposure to diverse academic and professional perspectives.
- IV. To develop the interpersonal skills and helping students thrive in competitive environments.
- V. To encourage students to participate in various activities to develop social skills.

### **Details of the mentoring system that has been developed for the students for various purposes and also states the efficacy of such system (10)**

The institute is a women's residential polytechnic institute. Entry level students are tenth pass students and majority of them are from rural area. Academic performance of these students in the tenth class is in the range of 70 to 98 percent. Entry level age group ranges from 16-18 years. Most of them usually complete their SSC in Marathi medium and a few of them are able to complete their SSC in English or semi-english medium. Hence the institute administration is having a great challenge to inculcate basic behavioural changes right from the beginning. A stereotyped mentoring system may not work directly. Hence, institute has developed its own mentoring system with its proven efficacy over the years. The factors, such as, poverty of this region, water scarcity, rural background of the parents and above all the mentality of the masses to look at the government institute are to be taken into account while designing an effective mentoring system. Hence, the institute has its unique and integrated mentoring system responsible for overall development and upward progress of the students. Over the years, the mentoring system has proved its efficacy and benefits which results in hundred percent admissions since many years from now. Students and parents believe in the mentoring and guidance provided by the institute to the great extent and hence parents appreciate the institute during parents convention as "home away from home". Many local students do prefer to stay in the hostel which is also one of the results of our mentoring system. In many professional colleges in the metro cities, many a times, mentoring means weekly or fortnightly meeting of the mentees with the mentor. The mentor is supposed to be busy in keeping the record and making tabular entries about counselling and submitting an annual report to the chief mentor or HOD. Students in the big cities inherently gets good exposure to professional ethics, attitude, etiquette and manners. The situation in this institute is entirely different as majority of our students are with rural background. Hence, readily available mentoring system may not effectively work directly. Hence, institute has devised its own integrated mentoring system. Another challenge is the number of regular staff members in the institute. Government has its own norms for transfers of the staff members every after three years. Even though, the faculty positions are sanctioned by the government, faculty members prefer to opt for request transfers to big cities sooner or the later. As on today, the institute has only 24 regular posts filled by the government out of total sanctioned teaching posts of 39. Total students on roll are 800 plus. Visiting faculty members are many but mentoring responsibility cannot be shouldered upon them. In nutshell, head of the institute needs to accept the challenge to design an optimum yet effective mentoring system which requires less paper work but end results are expected to be good or very good. The success of the mentoring system of the institute is very evident in higher studies. Most of the students use this institute as a stepping stone for higher engineering study. A large percentage of third year students seek U.G. studies in many metro cities after successful completion of engineering diploma. This reveals that the students of this institute gain requisite momentum and confidence, regardless of their rural background, due to its unique mentoring system. The confidence level is boosted up. Institute considers upward enrolment in the U.G. studies by students in many metro cities as one of the effective outcomes of its unique mentoring system. The faculty member plays an important role between the students and the institution for all round development of the students. The unique integrated mentoring system of the institute is classified as,

- A. Entry level mentoring system
- B. Mentoring system for the best academic and co-curricular performance
- C. Mentoring system for professional achievements
- D. Mentoring system for personality growth and life management

All aforementioned mentoring systems are explained in short, with their sub-classification, as given below;

#### **(A) Entry level mentoring system:**

It includes four types of mentoring and guidance, such as, course selection and course admission mentoring, hostel admission mentoring, procedural mentoring and finally orientation and Induction mentoring system. Details are given below.

##### **(A1) Mentoring for course selection and course admission:**

Mentoring at the entry level is done by Admission committee on one to one basis. This type of mentoring plays an important role in branch selection. Course details and employment opportunities in the branch to be selected are mainly focused. Online form submissions, option marking are also the challenging tasks. This mentoring is continued almost for two months. A few lucky students are able to get admission in this institute based on their SSC percentage. However, as the counselling is offered to other students who are not actually admitted but they too are benefitted and prefer technical education in other institutes.

##### **(A2) Hostel admission mentoring:**

Another entry level mentoring is done by the hostel admission committee. This mentoring also plays an important role because majority of the students feel homesick as they have left their home for the first time. Hence, such type of mentoring include guidance on the simple to complex issues such as room allotment, roommate selection, collection of medical history and allergy history, introduction of hostel rules and timings, etc. Hostel admission committee is headed by Rector who is normally a senior ladies teacher. All other members are the wardens who are regular teaching faculty members. This mentoring is done on continual basis. First year students are benefitted most by this type of mentoring.

##### **(A3) Procedural mentoring:**

Procedural mentoring is done by students' section staff, scholarship committee and staff members of the concerned department. Procedural mentoring includes guidance during submission of admission form, MAHADBT scholarship form, enrollment form submission, examination form submission, opening of bank account and student – related office formalities. The work of this mentoring committee continues up to odd semester end examination. HODs and staff members (other than rector and warden) of the department to provide necessary guidance and mentoring during completion of procedural formalities.

##### **(A4) Orientation and induction mentoring System:**

Principal is the chief mentor of the institute. Principal, HODs and senior staff members provide necessary mentoring to first year students during a weeklong full time orientation cum induction program. The main aim of induction mentoring system is to make students aware of the activities of AICTE, DTE, MSBTE, RBTE in the technical education. Recently, I - scheme is introduced by MSBTE as a part of outcome based education system. Hence, major attributes of recently introduced I - scheme including micro-projects, industrial training, course objectives, course outcome are covered by HODs and other senior mentors.

#### **(B) Mentoring system for the best academic and co-curricular performance:**

It includes three types of mentoring and guidance, such as, mentoring system for the best academic performance (course work /laboratory specific), mentoring system for co-curricular performance and residential mentoring. Details are given below.

##### **(B1)Mentoring system for the best academic performance**

###### **(Course work /laboratory specific):**

Participatory learning activities are adopted by the faculty to facilitate student-centric learning apart from class room instructions. Seminar, group discussion and demonstration, conceptual quiz, micro project, remedial classes, dissertation work, internship, industrial visits, hands on training and field training form an integral part of participatory learning methodologies. Staff members are always available for proper and timely mentoring to the needy students so that their academic performance is boosted up. Since the institute is a residential institute, staff members are expected to remain in touch with the students even after office hours. Hence, many students do get liberty to be in constant touch with their teachers and wardens for solving queries related to academics also. As the institute is the residential technical institution, extra or additional classes are also held on weekends. Due to green and clean campus, students get liberty to study in an open environment on weekends and holidays. A new comer visiting the campus on weekends gets a feeling of Shantiniketan as he sees more than 100 plus students are sitting under trees (most of the trees are planted by staff and students !) and busy in their studies. Wardens do visit on weekend to monitor the discipline and to provide mentoring to the seekers. Academic mentoring is very effective so far as technical board (MSBTE) results are concerned.

#### **(B2) Mentoring system for co-curricular performance:**

Academic departments are having dedicated, highly educated and knowledgeable faculty members as an intellectual asset who offer guidance to the students in addition to the classroom teaching for professional development. The students are also benefitted by attending expert lectures by professionals, technical events and industrial visits. HODs and faculty members accompany students during industrial visit and technical events. Brief overview of the industry to be visited is given to the students prior to industrial visit. This helps students to better interact with the industry personnel during visit. Mentoring and guidance is provided by the staff members and HOD while visiting premier technical institutions for technical events, poster presentations, DIPEX state level project competitions. Mentors in the department motivate students to participate in multiple technical events, quiz competitions, project exhibitions throughout the year. External academic monitoring committee appointed by MSBTE has admired students for active participation in multiple technical events. "Excellent academic grades" consistently awarded to the departments by MSBTE external academic monitoring committee are the evidences of the best academic and professional guidance and mentoring provided within the institute.

#### **(B3) Residential mentoring:**

Residential mentoring is the most important type of mentoring of all mentoring systems of the institute. It is highly required keeping in view the adolescent age of the newly admitted students. Residential mentoring is very well appreciated by the parents. Many parents, during parents' convention, admit that their wards are safer in this institute than home. Many of the parents admit that they visited the institute only at the time of admission and after course completion because the institute authorities have taken utmost care of their wards during three years and did the role of parent cum mentor to the best possible extent.

Our institute is a residential women's institute with 100 percent admissions and 100 percent residential facilities. However, there are no separate posts of wardens and rectors. Hence, regular ladies staff members are given the responsibility of rectorship and wardenship. Class III regular ladies employees are given the duties of hostel clerk or assistant warden or night warden. Residential mentoring is done through the members of residential warden committee, Vishakha committee, SC/ST Cell committee, anti-ragging committee and anti-ragging squads. Night wardens are appointed for counselling and guidance during dinner hours. They are also responsible to take care in case of medical emergencies during night hours. Counselling sessions on personal hygiene, self defence, relationships building etc are arranged for the benefit of the students. The success of the residential mentoring is seen when many local students prefer institute hostels over homes for staying during course duration. Residential mentoring helps students to feel at home. Residential mentoring plays an important role in maintaining high academic results of our students.

**C) Mentoring system for professional achievements:** It includes two types of mentoring and guidance, such as, mentoring system for the industrial training and mentoring system for carrier guidance. Details are given below.

#### **(C1) Mentoring system for industrial training:**

6-week industrial training is an integral part of MSBTE I-scheme implemented since academic year 2019-20. With proper mentoring and guidance provided by the mentors from academic departments, students could complete 6-week training successfully. It is expected that students need to make their own lodging and boarding expenses. With proper mentoring, many students preferred outstation prestigious central government industrial training organization such as Indo German Tool Room (IGTR), Aurangabad for industrial training. Mentoring during industrial training is a must as the maintees are required to maintain the pace with the schedule and professional working style of training organisation. Mentors take regular feedback from trainers and provide necessary inputs and guidance to the students undergoing training so that they can fully focus on the training to reap maximum benefit from the training. Once students complete the training successfully, appointed mentors also help students to prepare training report and presentations. The success of the mentorship during industrial training is visible from zero percent dropout rate in case of training. It is needless to mention that medical electronics students successfully completed hospital training of one semester at many renowned hospitals including Aditya Birla memorable hospital, Pune and Dinanath Mangeshkar hospital in Pune, very successfully. A few students undergoing hospital training are offered jobs by the training organization after completion of the training.

#### **(C2) Mentoring system for carrier guidance:**

Principal of the institute insisted since beginning of his tenure in the institute as head of the institute that carrier guidance is very much important for aspiring candidates. Government has abolished the post of a full time training and placement officer (TPO) which was the cadre equivalent to HOD. It was done because polytechnic students prefer higher engineering education over job. Hence, institute appoints an experienced teaching staff member to look after the duties and responsibilities of TPO. Institute has signed MOUs with some industries and institutes of higher learning so that students can get a good exposure to carrier guidance opportunities. Academic department appoints one staff member as training and placement coordinator to work with TPO of the institute. Departmental coordinator acts as a mentor for placement related activities. Many a times, a group of teachers from that department provide guidance and mentoring to the students before pre-placement talk. Mentors help students regarding presentation and group discussions methods, mock interviews, general ability test, technical ability test and personal interview. Principal and chief mentor of the institute provides necessary inputs regarding preparation for the final interview. Recently, PHILIPS health care industry situated at Pune conducted on –campus placement drive for the students of this institute. During preplacement talks, HR team of PHILIPS health care appreciated efforts taken by staff members for inculcating technical skills and professional skills in students. Students of electronics engineering and medical electronics engineering gave satisfactory and correct answers for all the questions raised by HR team. PHILIPS health care HR team, after a day long selection schedule including written test, technical ability test and personal interview, finally selected 09 students of this institute. VARROC engineering limited, Chakan, Pune recently hired 20 students from the institute. These 20 students are simultaneously expected to undergo advanced diploma in Mechatronics from TISS (TATA Institute of Social Sciences) to make them compliant with future industry standards governed by industry 4.0. Institute has a separate mentoring committee to arrange spoken English programmes and personality grooming programmes by the experts. Carrier guidance and carrier mentoring is a continuous activity and institute is keen on providing every possible input regarding carrier guidance so that students can excel as and when professional opportunities are available. Dress Designing and Garment Manufacturing (DDGM) department is the specific branch in which students need special skill oriented programmes. Very often, DDGM department arranges such programmes by industry experts for skill transfer. Annual fashion show arranged by DDGM department is the biggest attraction for all the staff and students. Institute staff members and the parents feel proud while witnessing the show in which students wear self-stitched fashion dresses in that event. This way, entrepreneurial mind set of the student is also developed. Special to mention that personality development mentoring committee arranged personality development programme in 2018 in association with Seed Infotech sister concern “aspiring carriers”.

#### **(D) Mentoring system for personality growth and life management:**

It includes five types of mentoring and guidance, such as, mentoring by various gymkhana committees, mentoring by sports committees, mentoring committee for self reliance, mentoring committee for self defence training, Mentoring system for women's rights and other life management aspects. Details are given below.

**(D1) Mentoring by various gymkhana committees:** Gymkhana section conducts a variety of programmes for all round development of the students. Annual social gathering is an important event where every single student is motivated to perform in one or many activities including dance competition, dress designing performance and presentation, singing competition and much more. All the staff members work in harmony and provide mentoring at every single step so that students can build their level of self confidence, can improve their stage daring and thus inculcate social and presentation skills. Ayudh-Poojan event (just before Dussehra festival) is organised by students only, since many years. Every department is decorated very nicely and ayudh- poojan is performed. Fresher's party is arranged immediately after ayudh- poojan after for the new comers. It is the event for the students, by the students and of the students. Students are thus motivated to learn management skills and organizational skills. It is surprising to see all the budding technocrats to wear traditional dresses and saries. Department heads and staff members provide necessary guidance and mentoring. Teachers Day too is celebrated by the students with great enthusiasm and spirit.

#### **(D2) Mentoring by sports committees:**

Various sports committees are formed in the beginning of the odd session, every year. Mentors and coordinators are expected to provide coaching and guidance. Internal sport events are also organised in the institute where various students' teams participate. Winner teams participate at zonal and inter-zonal competitions. Kho-kho, kabaddi, volley ball, basket ball, chess, athletics events etc are arranged. In 2019, this institute had arranged a state level IEDSSA (INTER ENGINEERING DIPLOMA STUDENTS' SPORTS' ASSOCIATION) event for two days. Winner teams from the state of Maharashtra joined this event organised by this institute. More than 400 plus students from all over Maharashtra participated in this event. Institute staff and students made all the arrangements including lodging and boarding for all the participants. Students of this institute learnt event management skills, presentation skills and organizational skills. Staff members worked as guide and mentors. Institute is witnessing such type of mentoring since many years because state level (inter –zonal) and zonal sports events under IEDSSA are organised for many times. **The students of the institute are having legacy to win most of the titles in zonal and interzonal sports competitions. Most of the times, the students of this institute are winners in most of games and hence win normally general championship in Zonal / interzonal sports events under the aegis of IEDSSA.**

#### **(D3) Mentoring committee for self reliance (case study of cooperative mess):**

This institute is a unique institute in Maharashtra from the point of view of self reliance. Institute believes in the saying that “do it first and then spread the message”. Institute is running students' cooperative mess since last 10 years very successfully. This unique feature makes it possible for this institute to put a colourful feather in its cap. Students are running the cooperative mess since last 10 years very successfully. Necessary guidance and mentoring is extended throughout the year by the staff mess committee. Processes right from purchasing vegetables and grocery from the local market, distribution of

food, food quality control, governance and discipline, accounting, cleanliness etc. are executed by students committees under the guidance of staff committees responsible for mentoring for self reliance. Staff committees are responsible for quality control and hygiene. However, staff committees are getting it done through students. Charges are merely Rs. 800 to 850 for two meals a day for a month. Students are thus getting the live training of self reliance. This cooperative mess is the role model of mess operating in many colleges in the state of Maharashtra. If the mess is given on contract basis to the outside contractor then per head monthly bill will be around Rs. 2000/- . Hence, every student of this institute earns about Rs.1200/- indirectly, by way of savings. In other words, many visitors including Hon. MLA, Hon. M.P., Hon. Collector and other dignitaries have appreciated this unique model of mess as the best model of entrepreneurship and self reliance within the institute.

#### **(D4) Mentoring committee for self defence training:**

Self defence is a must in today's world, especially, for girls. All the wardens are the members of this committee. Special karate training class of 7-10 days is arranged in the institute in association with well-known karate trainers. More than 170 students have participated in a week long karate training conducted in two phases. This particular activity was well appreciated by Hon. Secretary of Technical Education, Govt of Maharashtra as it is the unique move towards women empowerment.

#### **(D5) Mentoring system for women's rights and other life aspects (discipline committee, Vishaka committee, anti-ragging committees, anti-ragging squads, committee for reservation categories, etc)**

Institute is a women's residential institute. Girl students must be aware of women empowerment, women's rights and relevant life aspects. Hence, various committees including NGO representatives too are mandatorily formed and provide mentoring to the students as per their need. Various mentoring and guidance programmes are arranged by the hostel department, police department, collectorate and other NGOs so that girl students are aware of physical crime, crime through social media, online frauds etc. Institute Authorities also motivate students to participate in social events such as "Nirbhaya self defence camp", "Yog Shibir", and "Mahila Surkhsha". Expert talks by renowned personalities motivate the students for all round development. Hence, institute assures students and their parents for crime free campus.

Additionally, mentoring committees for Yoga, ECO - CLUB for pollution free environment do provide mentoring and guidance, time to time, for life management aspects.

#### **Efficacy of mentoring system**

The effectiveness of mentoring system is evident through;

- I. Our students are having excellent academic record, and various academic Departments of the institute received **excellent** grades in external academic Monitoring by Maharashtra state board of technical education, Mumbai.
- II. Maximum numbers of students pursue higher studies.
- III. College drop-out rate is very negligible.
- IV. No complaint of theft or ragging in last 05 years.
- V. Participation of students in yoga and self defence programmes like karate Training is overwhelming.
- VI. Students enthusiastically participate in election awareness programme.
- VII. Above all, since last many years performance of our students in Zonal and Inter Zonal (State level) sports competition (arranged by Directorate of Technical Education, Maharashtra State, India (<http://dtemaharashtra.gov.in/>) and Inter engineering Diploma Students Sports Association IEDSSA) is excellent.
- VIII. Institute have won General Championship Trophy for the year 2018 and 2019.

#### **Formats of various programmes conducted at Institute level :**



## शासकाय नवासा माहला तत्रानकतन, लातूर

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DTE Code-2016

MSBTE Code-0136



### कार्यालयीन आदेश

जा.क्र. शानिमतीनिला/आपया/२०१८/३७२

दिनांक :- १९-०६-२०१८

संदर्भ:- उपसंचिव, महाराष्ट्र राज्य तंत्रशिक्षण मंडळ, प्रादेशिक कार्यालय, औरंगाबाद यांचे पत्र क्र.मरतोशिल/प्राकाओ/डी-३०/स्टेनो/२०१८/९४४९ दिनांक ०५-०५-२०१८

उपरोक्त संदर्भिंय प्रगान्धी शैक्षणिक वर्ष २०१८-१९ करिता महाराष्ट्र राज्य तंत्रशिक्षण मंडळ, प्रादेशिक कार्यालय, औरंगाबाद अंतर्गत आपया संस्थेमध्ये "I Scheme Curriculum Orientation Programme" चे प्रशिक्षण आयोजित करण्यांना आलेले आहे. सदर प्रशिक्षण सुरक्षीत व सुर्योग्यपणे पार पाण्यांकीरीता खालीलप्रमाणे समिती गटील करण्यात येत आहे.

१. डॉ.अ.म.आगरकर, वि.प्र.वैद्य.अणुविद्युत तथा प्र.प्राचार्य मुख्य समन्वयक

२. डॉ.श्रीमती.प्रे.वि.राठोड, वि.प्र.अणुविद्युत समन्वयक

३. श्री.अ.गो.वाडे, अधि.अणुविद्युत समन्वयक

समितीत खालील सदस्यांचा समावेश करण्यांत येत असून या सदस्यांनी मुख्य समन्वयक व समन्वयक यांचे मार्गदर्शनाखाली नेमून दिलेली कार्य पूर्ण करतील.

अ.क्र.	समितीचे नाव	समिती प्रमुख व सदस्य	कामाचे स्वरूप
१.	नोंदणी समिती (Registration)	श्रीमती.शृ.न.चिंदे, अधि.डी.डी.जी.एम. कु.रु.कामार, अधि.संगणक श्रीमती.अ.स.पाटील, अधि.संगणक श्रीमती.अ.पि.घोडे, अधि.अणुविद्युत कृ.ने.भ.खडके, अधि.रसायनशास्त्र श्रीमती.स.श.शिरलळु, प्र.शा.स. श्री.क.भा.सुर्ववंशी, हमाल	सदस्यांची नोंदणी करणे, अभिप्राय देणे Attendance Certificate देणे
२.	सभागृह व्यवस्थापन समिती	श्री.आ.रा.हसोरीकर, अधि.इंग्रेनी श्रीमती.सो.अ.हरताळकर, अधि.वैद्य.अणु श्री.अ.दा.कोवळे, तां.प्र.शा.स. श्री.वा.द.सुरवसे, वीजतंडी	P.A.System , Laptop, Screen तसेच Projector व्यवस्था करणे. वैनरची व्यवस्था तसेच नेमालेटम् इ.व्यवस्था
३.	भोजन व्यवस्था व चाहापान समिती	श्री.च.कॉ.धुळांडे, अधि.गणेत श्री.रे.व.काकडे, अधि.विद्युत श्री.ज.च.राठोड, अधि.यंत्र	सदस्याकरीता दुपारचे जेवणाची तसेच दोन वेळेस चाहाची व्यवस्था करणे.

तसेच संस्थेतील सर्व विभागांमुळे यांना सुर्योग्यता करण्यांत येते की, आपआपल्या विभागात I Scheme Curriculum Orientation Programme येण्यांकीरीता Laptop, Screen इ.व्या व्यवस्था करायी.

(डॉ.अ.म.आगरकर)  
प्र.प्राचार्य,

शासकाय नि.म.तंत्रनिकेतन,  
लातूर.

प्रती:-

आदेशांतर्गत अधिकारी/कर्मचारी यांना अनुपालनास्तव.

Office Order

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- 192 -

Fig 8.1 Office order Induction /orientation program Year 2018-2019



## शासकीय निवासी महिला तंत्रनिकेतन, लातूर

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कार्यालयीन आदेश

जा.क्र.शनिमतनिला/आस्था/२०१०/

दिनांक - 3 Auu 2019 125.

विषय:- प्रथम सत्र/ प्रथम वर्ष प्रवेशित विद्यार्थिनीसाठी संस्थानावर Induction Program चे आयोजन करणेवावत.

संदर्भ:- मा. संचालक, महाराष्ट्र राज्य तंत्रशिक्षण मंडळ, मुंबई यांचे पत्र क्र.मरात्शिम/का-५०/२०१०/५४६०.

दि. १६-०७-२०१०.

उपरोक्त संदर्भिय पत्रान्वये अखिल भारतीय तंत्रशिक्षण परिषद, नवी दिल्ली यांच्या Approval Process Handbook 2019-20 Induction Program मध्ये प्रथम सत्र/ प्रथम वर्ष प्रवेश घेणाऱ्या विद्यार्थ्यांना Induction Programme घेणे आवश्यक असल्याचे नमूद केले आहे. तंत्रनिकेतन मध्ये प्रवेश घेणारे विद्यार्थी ग्राहीण व शहरी भाग तसेच वेगवेगाळ्या माध्यमातून दाढावी उत्तीर्ण झालेले असतात. अशा विविध विद्यार्थ्यांना एकमेकांशी संवाद साधून त्वांच्यातील संवंध दृढ करण्याची संधी देणे, विद्यार्थी व अध्यापक यांच्यातील संवाद अधिक परिणामाकारक करण्याची संधी देणे, नवीन शैक्षणिक यातावरणाशी जुळवून घेणे, तसेच तंत्रनिकेतनामध्ये अधिक स्लची व आवड निर्माण करण्यांच्या दृष्टीने Induction Programme चे आयोजन करण्यावै निश्चीत करण्यात आले आहे. त्यानुयायाने संस्था स्तरावर तालीका क्र. ९ मध्ये दिल्ल्याप्रमाणे Induction Programme चे आयोजन करण्यात आले आहे. संस्थेचे प्राचार्य, विभागप्रमुख व वरिष्ठ अधिव्याख्याता यांना नेमून दिलेल्या विषयानुसार आपल्या उक्कट व्याख्यानाचे नियोजन (PPT इ. च्या माध्यमाबद्दे) आणि मादारीकरण करून प्रथम वर्ष प्रवेशित विद्यार्थ्यांना सोप्या भाषेत विविध उदाहरणे देवून संवंधीत विषय समजावून सोगणे आवश्यक राहील. प्रत्येक व्याख्यानाच्या अंतिम भागात १५ मिनीटे प्रश्नोत्तरासाठी राखून ठेवण्यात याचा, प्रथम वर्षाला शिकविणारे सर्व अधिव्याख्याता यांची उपस्थिती अनिवार्य राहील.

### तालिका क्र.९

अ.क्र	अधिकान्यांचे नाव	दिनांक	वेळ	विषय
१	डॉ. अ. म. आगरकर, प्राचार्य	०५/०८/२०१०	दुपारी ३.०० ते ६.००	Inauguraton Scenario of Technical Education- AICTE, DTE, MSBTE, Type of institution, Resources available with the institution.
२	श्री.इ.श.आवले, अधि.अणुविद्युत तथा श्री. समवयक	०६/०८/२०१०	दुपारी ३.०० ते ४.३०	Various engineering branches available with the institution- interlinking & significance of every branch with each other.
३	डॉ.सि.टि.यादी, अधि.अणुविद्युत तथा कूलमंत्री		दुपारी ४.३० ६.०० ते	Specific attention related to personality development- human values, creativity, gender equity, communication skills, importance of cleanliness, health, hygiene & safety, importace of plantation, meditation & yoga.
४.	श्री.अ.शा.लातुरकर, विभागप्रमुख अणुविद्युत	०३/०८/२०१०	दुपारी ३.०० ४.३० ते	Significance of outcome based education (OBE)- programme outcome (POs), course outcomes (Cos), programme specific outcome (PSOs), micro projects, industrial training and concept of assessment & attainment.
५.	श्री.शा.व्य.चक्राण, अधि. संग्राहक		दुपारी ४.३० ६.०० ते	Effective use of computer facilities & IT resources-use of NPTEL/ SWAYAM/ MOOCs/ spoken Tutorial, effective use of social media.
६.	श्री.अ.गो.वाडाडे, अधि. अणुविद्युत तथा प्रशिक्षण व आस्थापना अधिकारी	०८/०८/२०१०	दुपारी ३.०० ६.०० ते	Career opportunities in related industries afte completion of diploma education.
७.	श्रीमती.अ.ना.यादव, अधि. डॉ.डी.जी.एम तथा प्र.वि.प्र.डॉ.डी.जी.एम	०९/०८/२०१०	दुपारी ३.०० ६.०० ते	Interaction with alumni for sharing of their success stories. या कार्यक्रमाचे आयोजन / संचलन

सदर कार्यक्रम संस्थेच्या राजर्षी शाहू महाराज सभागृहात घेण्यात येत अमून कार्यक्रमाच्या यशस्वीतेसाठी “नियमन व व्यवस्थापन समिनी” चे तालिका क्र.२ नुसार गठन करण्यात येत आहे.

## तालिका क्र. २

अ.क्र.	अधिकारी / कर्मचारी यांचे नंबर व पदनाम	समितीतील कामे
१.	श्री. आ. रा. हसोरीकर, अधि.इंग्रजी	संपूर्ण कार्यक्रमाचे व्यवस्थापन
२.	श्री. र. वि. कोताळकर, अधि. भौतिकशास्त्र	दि. ०५/०८/२०१९ ते ०७/०८/२०१९, ये मंच संचलन व अहवाल लिहाऱणे
३.	कु. नि. भ. खडके, अधि.स्वायनशास्त्र	दि.०८/०८/२०१९ ते ०९/०८/२०१९, ये मंच संचलन व अहवाल लिहाऱणे
४.	श्री. र.पां.डोईफोडे, प्र.शा.स. तथा जिमखाना संचिव	सभागृहाचे व्यवस्थापन
५.	श्री. कि. सि. खराडे, तां. प्र. शा. स.	LCD Projector, Computer इ.द्ये व्यवस्थापन
६.	श्री. वा. द. सुरवाते, निवेशक वीजतंत्री	सभागृहातील यिद्युत व्यवस्थापन
७.	श्री. ज्ञा. दि. सुवर्णकार, हमाल	
८.	श्री. द. वि. गायकवाड, सफाईगार	
९.	श्री. व्यं. दि. घोडके, सफाईगार	सफाईविधियक कामे आणि इतर अनुपयोगीक कामे
१०	श्री. तु. ना. दलवे, सफाईगार	
११	श्री. रा. स. कांवळे, सफाईगार	

सदर कार्यक्रम सुरक्षित पार पाडण्यांसाठी “शिस्तपालन समिनी” चे गठन करण्यात येत अमून या समितीमध्ये खालील अधिकारी / कर्मचारी यांचे आदेश निर्गमीत करण्यात येत आहे.

१. डॉ. सि.दि.यादी, अधि. अणुविद्युत तथा कुलमंत्री
२. श्रीमती. आर. व्ही. कोताळकर, अधि. भौतिक
३. कु. नि. भ. खडके, अधि. स्वायनशास्त्र
४. श्रीमती. शि. श्री. कागण, निवेशक तां. प्र. शा. स.

शिस्तपालन समिती आणि तालिका क्र.२ मधील अधिकारी / कर्मचारी यांची सभागृहातील उपस्थिती दि.०५-०८-२०१९ ते ०९-०८-२०१९, या कालावधीत दूपारी ३.०० ते ६.०० या वेळेत अनिवार्य राहील.

(डॉ.अ.म.आगरकर)  
प्राचार्य,  
शासकीय नि.म.तंजनिकेतन, लातूर

प्रत:- आदेशांतर्गत अधिकारी / कर्मचारी यांना माहिती व अनुपालनासाठी.

Fig 8.2 Office order Induction /orientation program Year 2019-2020



संस्थास्तरावरील विद्यार्थीनीसाठीची समुपदेशन संन योजना [२०१८-२०१९]

शासकीय निवासी महिला तंत्रिकेतल लातूराच्या सर्व विद्यार्थीनीसाठी

अ. क्र.	कालावधी	समुपदेशनाचा विषय	क्रियाकलाप (एकिटिहटी)	एकूण दिवस	विषयासाठी तज़ज व्याख्यात्यांचे नाव	कांवर्कम ट्रेवर्सामागाडी उद्दिष्टे	सत्र प्रमुख (समिती)	प्र
१.	५ जुलै	वेळेपे सुव्यवस्थापन	मर्गदर्शन आणि नियोजित वेळेत काम पूर्ण करण्यासाठी बाही क्रीडाघर	२ तास	व्यवस्थापन हीचारील व्यावसायिक	वेळेपे महत्व पटविणे	र. वि. कोहळकर आणि अजिता पाटील	
२.	२६ जुलै	तांत्रिक विधार लॉजिकल यिंविंग	प्रभासेन्दुरा, कोरी व परिविहारी कामान काळ विधारातले प्रसन	२ तास	विवडा ट्रेनर्स (GRWPL)	झाड्या मैदूता उद्दीपित करणे	म. गं. मुलगे	
३.	९ ऑगस्ट	आगार व स्वास्थ्य	PPT मार्गदर्शन	२ तास	वैद्यकीय हीचातील व्यावसायिक	सांखिक आहाराचे महत्व पटविणे	अ. न. यादव	
४.	२३ ऑगस्ट	सखोल इयान	तज़जांपे मार्गदर्शन	२ तास	इहमुमारी आफ्रमा/मन.शक्ती कैन्द्र	अंतर्भूत विचार करणे	डॉ. अ. म. आगरकर	
५.	६ सप्टेंबर	प्राणायाम आणि योग	योग शिवार	३ तास	योग शिक्षक	श्वासावरणे नियंत्रण ताण-नगाह करणी करण्यासाठी	निवेदिता खडके	
६.	२०-२६ सप्टेंबर	स्व-संरक्षण (कनाटे)	प्रशिद्धाण	०७	अशिवनी टाक	महिलांपे सबलीकरण	डॉ. सो. दि. यादी	
७.	४ ऑक्टोबर	आजादी राष्ट्रभक्ती	व्याख्यान	२ तास	समाजसुधारक NGO	राष्ट्रभक्तीतून प्रेरणा व उत्साह	सो. अ. हरताळकर	

शा. नि. म. तं., लातूर.

Fig 8.3 Counselling committee in Year 2018-2029



शासकीय निवासी महिला तंत्रनिकेतन, लातूर

GOVT.RESLWOMEN'S POLYTECHNIC,  
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E-mail : grwp\_ltr@rediffmail.com



जा.क.शानिमत / रिजिस्ट्रेशन / २०१८/ १०३७

दिनांक 29 JUN 2018

कार्यालयीन आदेश

शैक्षणिक वर्ष २०१८-१९, मध्यील पालक मेळावा दि. ३०.०६.२०१८ रोजी आयोजित केलेला आहे. पालक मेळावा यशस्वीतेसाठी खालील प्रमाणे समिती गटीत करण्यात येत आहे. संबंधीताने समिती प्रमुखांच्या मार्गदर्शनाखाली काम करावे व कार्यक्रम यशस्वी होण्याच्या दृष्टीने व्यवस्था करावी. सर्व समिती प्रमुखांनी कामाचे योग्य नियोजन करावे.

अ.क्र.	समितीचे नाव	अधिकारी व कर्मचारी
०१	भुख्य समन्वयक	डॉ.अ.म.आगरकर, प्राचार्य
०२	समन्वयक	०१. डॉ.सी.दि.यार्दी, कुलमंत्री ०२.क्रीमती ऊरोंर.हांगे, विभाग प्रमुख संगणक ०३. श्री.हे.शा.कुलकर्णी, विभाग प्रमुख स्थापत्य, कर्मशाळा अधिकारी ०४. श्री.इ.रा.आवळे, विभाग प्रमुख अणूविष्वृत ०५.क्रीमती अ.न.यादव विभाग प्रमुख डिझीजीएम ०६. श्री.हासोरीकर, जिमखाना प्रमुख
०३	स्वागत समिती व पालक नोंदवणी	सर्व गृहपाल श्री.व्यवहारे, सहा.प्रथपाल
०४	सभागृह व्यवस्थापन व सुव संचलन	०१.डॉ.सी.दि.यार्दी, कुलमंत्री ०२.क्री.हासोरीकर, जिमखाना प्रमुख ०३.श्री.अ.द.कांवळे, तां.प्र.शा.स
०५	चहापान व्यवस्था	श्री.वा.द.सुरवर्से, विजतवी श्रीमती शि.श्री.कांगणे ता.प्र.श.स. श्री.वा.सु.वडकिले, हमाल
०६	परिचर/ साफसफाई/	श्री.द.गायकवाड श्री.मलगे श्री.झाडके श्री.कांवळे श्री.केशव देशमुख
०७	अहवाल समिती	श्रीमती रेवि.महागांवकर, उपकुलमंत्री श्रीमती निखळके अधिरसायनशास्त्र

प्राचार्य,  
शासकीय निवासी महिला तंत्रनिकेतन,  
लातूर

प्रत :-

Fig 8.4 Parents Meet in year 2018-2019



## शासकीय निवासी महिला तंत्रनिकेतन, लातूर

GOVT.RESI.WOMEN'S POLYTECHNIC,  
BARSHI ROAD, LATUR- 413 531  
Tel (02382) 221184 (O), 221175 (P), Fax- 02382-221175  
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जा. क्र./ शानिमंत्रला/ वसतिगृह/ २०२०/ ६३

दि. २४/१/२०२०

प्रति,

श्रीमती प्राजक्ता भोसले  
योग्य शिक्षिका, लातूर.

**विषय:** समुपदेशन सत्रमालिकेतील "पाऊल जपून टाक" या नाटिकेच्या मार्गदर्शन मार्गदर्शन  
करण्यासाठी आमंत्रण.

महोदय,

शासकीय निवासी महिला तंत्रनिकेतन हि संस्था १९९४ साली सुरु झाली. परंपरागत स्थापत्य, अणुविद्युत, संगणक अभ्यासक्रमांवरोबरच वैद्यकीय अणुविद्युत व ड्रेस डेझीनिंग आणि परीधान उत्पादन असे नाविन्यपूर्ण व काळाच्या गरजेनुसार आवश्यक अभ्यासक्रम या संस्थेत आहेत. संस्थेमध्ये सुमारे ८५० विद्यार्थिनी शिक्षण घेतात. या अनुंगाने घेण्यात येणाऱ्या समुपदेशन सत्रमालिकेअंतर्गत आपल्याला या सत्रासाठी विशेष व्याख्याते/ सदारकर्ते म्हणून आमंत्रित करताना भवितव्य आवंद होत आहे.

या संदर्भात मी आपणास "पाऊल जपून टाक" या विषयावर दि. २४/१/२०२० रोजी नाटिकेच्या मार्गदर्शन करण्यासाठी आमंत्रित करीत आहे. आपण या आमंत्रणाचा स्वीकार कराल अशी आशा आहे. आपल्या ज्ञानाचा व अनुभवाचा या विद्यार्थिनीवर निश्चितच सकारात्मक प्रभाव पडेल असे वाटते.

आपण निश्चितपणे या आमंत्रणाचा स्वीकार कराल व कार्यक्रमाची शोझा वाढवाल अशी अपेक्षा.

आपला विश्वास्

शासकीय निवासी महिला तंत्रनिकेतन,  
लातूर

Fig 8.5 Circular regarding Counselling session “Paul Japun Tak”



Fig 8.6 Circular regarding Fire Fighting Training 2019-2020



शासकीय निवारी महिला तंत्रनिकेतन, लातूर

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E-mail- grwppt\_hr@rediffmail.com



जा. क्र. शमनितंत्रा/ वस्तिगृह/ २०१८/ १२८०

दि. ०६/०८/२०१८

10 AUG 2018

परिपत्रक:-  
संस्थेतील वस्तिगृहांमध्ये राहणाऱ्या विद्यार्थ्यांनी सूचित करण्यात येते, कि, दि.  
२०.८.२०१८ रोजी सायं. ५.० वा.

### “ वस्तिगृहातील सुवर्चुता ”

हि स्पर्धा घेण्यात येणार आहे. वस्तिगृहातील सर्व खोल्या यादिवशी तपासण्यात येतील.  
स्पर्धेसाठी खालीलप्रमाणे श्रेणी असणार आहे:

१. उत्कृष्ट खोली
२. उत्कृष्ट विंग
३. उत्कृष्ट वस्तिगृह
४. सभोवतालचा उत्कृष्ट परिसर

तरी सर्व विद्यार्थ्यांनी या सूचनेची नोंद घ्यावी व त्याप्रमाणे तयारी सुरु  
करावी. २०/०८/२०१८ रोजी सर्व खोल्या उपलब्ध असणे आवश्यक आहे.

प्राचार्य,

डॉ. अ. म. आमरकर  
शासकीय निवारी महिला तंत्रनिकेतन,  
लातूर.

प्रत:- सर्व गृहपाल व वस्तिगृहातील विद्यार्थ्यांसाठी

Fig 8.7 Circular regarding Clean Hostel Competition 2018-2019



शासकीय निवासी महिला तंत्रनिकेतन, लातूर  
GOVT.RESI.WOMEN'S POLYTECHNIC,  
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Tel (02382) 221184 (O), 221175 (P), Fax 02382-221175  
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जा. क्र./ शानिमतला/ वसतिगृह/ २०१८/१८७२  
दि. १३/१२/२०१९

कार्यालयीन आदेश:-

संदर्भ: संस्थेच्या वसतिगृहातील विद्यार्थींनोसाठी आयोजित करते प्रशिक्षण

उपरोक्त संदर्भान्वये संस्थेतील खालील अधिकारी/ कर्मचारी यांची इथे दिलेल्या  
तक्त्यानुसार, संस्थेतील वसतिगृहामध्ये राहणाऱ्या विद्यार्थींनोसाठी आयोजित कराटे  
शिविरांतर्गत प्रशिक्षण योग्य पद्धतीने पार पडत आहे अशी खात्री करण्यासाठी आदेश  
काढण्यात येत आहेत. सदील प्रशिक्षण दि. १३/१२/१९ ते २२/१२/१९ दरम्यान सकाळी  
६.२० ते ७.४० असणार आहे. इंटरनॅशनल जपान अससोसिएशनद्ये श्री. दत्ता कदम या  
प्रशिक्षणाचे मुख्य समन्वयक असतील. कुलमंत्री डॉ. सौ. दि. यार्दी या प्रशिक्षणाच्या  
समन्वयक असतील.

अ. क्र.	अधिकारी/ कर्मचारी यांचे नाव	दिवस	वेळ
१.	श्रीमती घोडे ए. पी., गृहपाल	१६/१२/१९	
२.	श्रीमती कागणे एस. एस., वसतिगृह लिपिक	१७/१२/१९	सकाळी
३.	श्रीमती निवेदिता खडके, गृहपाल	१८/१२/१९	६.२०
४.	श्री. धुलगुंडे सौ. के., सुरक्षा अधिकारी	१९/१२/१९	ते
५.	श्री. काकडे, सुरक्षा अधिकारी	२०/१२/१९	
६.	श्रीमती अजिता पाटील, गृहपाल	२१/१२/१९	७.४०
७.	श्री. गुंडे एस. एस., तां.प्र. स.	२२/१२/१९	

सर्व अधिकारी/ कर्मचाऱ्यांनी त्यांच्या नियोजित दिवशी वेळेच्या आधी उपस्थित राहून प्रशिक्षण  
उत्तम रीतीने पार पडेल याची खात्री करावी.

प्राचार्य,

शासकीय निवासी महिला तंत्रनिकेतन,  
लातूर

Fig 8.8 Office order regarding Karate Training 2019-2020



## शासकीय निवासी महिला तंत्रनिकेतन, लातूर

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जा. क्र./ शानिमतंला/ वसतिगृह/ २०२०/ ३३०

दि. १८/०२/२०२०

प्रति,

कैद प्रमुख,

योग शिक्षक पदविका अङ्ग्यास कैद,

विद्यापीठ नाशिक

विषय: समुपदेशन सत्रमालिकेतील "योग" या विषयावर मार्गदर्शन करण्यासाठी आमंत्रण.

महोदय,

शासकीय निवासी महिला तंत्रनिकेतन हि संस्था १९९४ साली सुरु झाली. परंपरागत स्थापत्य, अणुविद्युत, संगणक अङ्ग्यासक्रमांवरोबरच वैद्यकीय अणुविद्युत व ईस डेझीनिंग आणि परिधान उत्पादन असे नविन्यपूर्ण व काळाच्या गरजेनुसार आवश्यक अङ्ग्यासक्रम या संस्थेत आहेत. संस्थेमध्ये सुमारे ८५० विद्यार्थ्यांनी शिक्षण घेतात. या अनुंयंगाने घेण्यात येणाऱ्या समुपदेशन सत्रमालिकेअंतर्गत खालील प्रमाणे आपल्या संस्थेतील प्रशिक्षकांना आमंत्रित करताना अतिशय आनंद होत आहे.

१. श्रीमती मान्नीकर वैशाली
२. श्रीमती सुनिता कदम
३. श्रीमती देशपांडे भार्गवी
४. श्रीमती आसमा रईस सर्व्यद
५. श्रीमती क्षीरसागर समृद्धी

या संदर्भात मी आपणास "योग" या विषयावर दि. ०८/०२/२०२० ते १३/०२/२०२० दरम्यान स. ६.३० ते ८.० वा मार्गदर्शनपर प्रशिक्षण देण्यासाठी आमंत्रित करीत आहे. आपण या आमंत्रणाचा स्वीकार कराल अशी आशा आहे. आपल्या जानाचा व अनुभवाचा या विद्यार्थ्यांनीवर निश्चितच सकारात्मक प्रभाव पडेल असे वाटते.

आपण निश्चितपणे या आमंत्रणाचा स्वीकार कराल व कार्यक्रमाची शोभा वाढवाल अशी अपेक्षा.

आपला विश्वास,

शासकीय निवासी महिला तंत्रनिकेतन,  
लातूर @

Fig 8.9 Office Circular Regarding Yoga Training 2019-2020



Fig 8.10 Induction /orientation program Year 2017-2018 and  
Parents meet in Year 2018-2019





Fig 8.11 Yoga Training Year 2018-2019 and Year 2019-2020



Fig. 8.12 Expert Lecture in year 2019-2020





Fig 8.13 Karate Training Year 2019-2020



Fig. 8.14 Dr. Anuja Kulkarni guided students and Enthusiastic participation (<https://www.google.com/search?q=Enthusiastic+participation&spell=1&sa=X&ved=2ahUKEwiJn-2QveXqAhUXwzgGHSx5C2cQkeECKAB6BAgLECY>) of

students during Health Camp in year 2019-2020





Fig. 8.15 Cultural activity in year 2019-2020

## 8.2 Feedback analysis and reward/ corrective measures taken, if any (10)

Total Marks 10.00

*Feedback collected for all courses: YES/NO; Specify the feedback collection process; Average Percentage of students who participate; Specify the feedback analysis process; Basis of reward/ corrective measures, if any; Indices used for measuring quality of teaching & learning and summary of the index values for all courses/teachers; Number of corrective actions taken.*

### A. Methodology being followed for feedback collection, analysis and its effectiveness (5)

Institute Marks

5.00

## 8.2 Feedback analysis and reward/corrective measures taken if any (10)

### A. Methodology being followed for feedback collection, analysis and its Effectiveness (5)

- I. Main purpose of teaching feedback process is to strengthen the teaching learning process by helping the faculty to identify the strengths and weaknesses of content delivery while teaching. Hence, feedback forms include feedback criteria such as presentation skills in the class, curriculum coverage regularity, interaction with students in the class while teaching and quality of the micro-projects (wherever applicable) etc. Specimen copy of the feedback form is enclosed.
- II. Another important purpose is to help teachers to make process of evaluation of students' academic performance more transparent and accurate. Hence, feedback form also includes feedback criterion such as evaluation of tests, as seen in the enclosed feedback form.

- III. For better understanding of the technical topic, it is necessary to monitor the process of content delivery to the level of satisfaction of students. Hence, feedback criterion such as “use of additional learning materials such as ppts or video lectures” is also included in the feedback form.
- IV. Faculty feedback by students is an effective tool for an evaluation of the teaching performance of the teacher to make teaching learning process more effective and efficient. Feedback from the students is also necessary for counselling of the teacher, if any, resulting in faculty development. Hence, regular feedback is taken by the Principal through students meeting (students' council meeting).
- V. Head of the department also conducts surprise meetings of the students in the class intermittently in the absence of teachers to collect feedback of the teachers. Concerned teacher is immediately called and necessary correcting inputs are suggested, if demanded by the students.
- VI. An internal feedback committee is formed and chairperson of the committee is the Head of Department. Head of the department with internal feedback committee take written feedback at the departmental level for each semester.
- VII. The committee analyzes the feedback. The strengths and weaknesses are communicated to the staff. The remedial action is taken to defeat the issue and to improve the performance.

Specimen copies of the feedback forms are enclosed herewith;

Sr.	Parameters	PCI			BEC			EEC			CPH			WPD		
		Poor	Good	V.GOOD	Poor	Good	V.GOOD	Excellent	Poor	Good	V.GOOD	Excellent	Poor	Good	V.GOOD	Excellent
1	Punctuality				<input checked="" type="checkbox"/>											
2	Knowledge of the Subject				<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
3	Presentation Skills				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
4	Interaction with Students				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5	Difficulty Attitude				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	Use of teaching Aids				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	Ability to maintain discipline				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8	Overall performance				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Suggestion for Improvement :-

BEC - Queries are not satisfactorily answered and practical knowledge is poor.

PCI - PCI madam is excellent and need to give a time to students to solve their problems & CPH - CPH madam is excellent.

CPH - CPH madam is excellent.

Fig 8.1 Specimen copy of course feedback filled in by the student

**MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION**  
**FORMAT FOR ANALYSIS OF FEED BACK FROM STUDENTS**  
**(MINIMUM 30 REGULAR STUDENTS/HALF THE STRENGTH OF THE CLASS)**  
**ACADEMIC YEAR :- 2018-2019**

Name of Institute :- Govt. Resi. Women's Polytechnic Latur  
 Course & Code :- Computer Engineering [CO]  
 Name Class :- CO2I [SUMMER 2019]

Institute Code :- 0136

Sr.	Parameters	(PCI) MULGE M G	(BEC) JADHAV L S	(EEC) KAKADE R B	(CPH) DHERE V D	(WPD) WAGHMARE N
		%	%	%	%	%
1	Poor	0	7.5	0	0	0
2	Good	3.75	28.12	1.25	3.75	18.75
3	Very Good	21.25	39.37	11.87	30	34.37
4	Excellent	75	17.5	87.5	66.87	44.37

*Braingle*  
 HOD विभाग प्रमुख  
 Computer Engineering Dept.  
 यांत्रिक निवासी वैज्ञानिक विभाग  
 लातूर

Fig 8.2 Specimen table: course feedback analysis

**MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION**

**FORMAT FOR ANALYSIS OF FEED BACK FROM STUDENTS**

**(MINIMUM 30 REGULAR STUDENTS/HALF THE STRENGTH OF THE CLASS)**

**ACADEMIC YEAR :- 2018-2019**

**Name of Institute: - Govt. Resi. Womens Polytechnic Latur**

**Institute Code :- 0136**

**Course &Code :- Computer Engineering [CO]**

**Name Class :- CO2I [SUMMER 2019]**

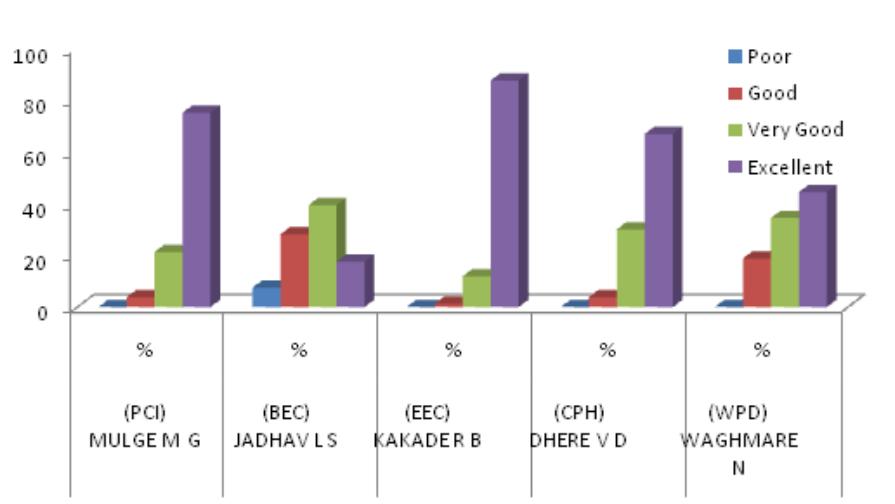


Fig 8.3 Specimen Course feedback Chart

#### B. Record of corrective measures taken (5)

Institute Marks

5.00

#### B. Record of corrective measures taken (05)

##### 1) Feedback collected for all courses:

Yes. Feedback is collected for all the courses to make teaching learning process full proof and as flawless as possible. Academic feedback by the students is necessary for head of the departments also.

##### 2) Feedback collection Process:

- Internal academic monitoring committee is assigned the work of collection of feedback. This important process is monitored by academic coordinator and Principal of the institute.
- Committee members of internal academic monitoring committee are faculty members of the institute but they are not from the same department. Chairperson of the committee is also a senior staff member from other department (HOD or In-charge HOD or selection grade lecturer). This is done to ensure the feedback collection procedure more effective, transparent and most importantly, unbiased.
- Feedback is also taken by the external monitoring committee. The external monitoring committee is appointed by Secretary, Maharashtra State Board of Technical Education (MSBTE), Mumbai or by Deputy Secretary, Regional Board of Technical Education (RBTE), Aurangabad.

- d. Computer department has collected both the feedbacks, i.e. course feedback and department feedback for academic years 2016 -17, 2017- 18, 2018-19, and 2019-20.
- e. Course feedback criteria points are designed as per guidelines of Maharashtra State Board of Technical Education, Mumbai, (<https://msbte.org.in/>) for academic year 206-17, 2017-18, 2018-19, and 2019-20.
- f. Overall departmental feedback regarding laboratory facilities and other academic facilities is also taken from summer 2019. This is to ensure the involvement of the faculty members in making the list of new equipment's for the purchase office (store officer), updation / write off and or calibration of the laboratory equipment's by the concerned laboratory staff or laboratory in-charge, ambience of the laboratory, laboratory utilization for projects etc.

### **3) Average percentage of the students who participate:**

Students participated in feedback process are minimum 50% and maximum 100% regular students of class. These students are regular students on roll of that class.

### **4) Feedback analysis process:**

Analysis of the feedback is carried out by the internal committee. Faculty performance is also measured on the basis of students' feedback in each semester. The strengths and weaknesses of each faculty is analysed and communicated to the respective faculty member for making improvements, if any.

### **5) Basis of Reward/corrective Measures, if Any**

The feedback is communicated to every staff member by the chairperson of the committee or by the Principal. It is expected that the staff members rectify the weaknesses once they receive suggestions through HOD or Principal and improve their performance in the teaching learning process, if needed. The faculties are deputed for content updating programmes for enhancing teaching learning process. The feedback is also useful to the HOD and the Principal for training need analysis (TNA) of the department. Institute academic results of technical board examinations are much better as compared to other polytechnic institutes in the region. Needless to mention, in the academic year 2017-18, institute had felicitated more than 20 staff members of the institute, including visiting faculty members, for 100 percent result in the theory subjects they taught. As the reporting officer, HOD takes a due note of the best academic results in the annual confidential reports (ACRs) of the concerned staff members. Institute is fortunate to have one best regular teaching faculty of mathematics in the science department. He is working in the institute since 2011. In winter 2014 board examinations, result of 54 students (out of 260 students from 4 branches) in mathematics of third semester, taught by this faculty and one visiting faculty, was 100 out of 100. It is needless to mention, due to the special teaching techniques in mathematics, **the final examination result of mathematics is the highest in the state of Maharashtra amongst Government polytechnics, for academic year 2019-20.** This achievement is very well appreciated by Directorate of Technical Education (DTE) recently in the meeting of all the Principals of Government Polytechnics of Maharashtra and Joint Directors on 30<sup>th</sup> January, 2020. Due to consistently high to very high academic performance and as a part of reward, Principal of the institute recommended five to six times, very strongly, not to transfer this faculty from this institute. Hence, since last 09 years, this faculty is retained by DTE at this institute. Otherwise, the lecturer of the government polytechnic, who is also a class I gazetted officer (Group A) is bound to face frequent transfers in every 3 to 5 years. Fortunately, institute has a number of such staff members working very sincerely for uplifting the academic standards of the students coming from rural area. Many of them are strongly recommended by the Principal for their retention. Incidentally, as the institute is a residential institute with 100 percent residential facilities, students of the institute cannot join any outside private tuition classes due to various restrictions on the timings / gate pass.

Specimen copy of Appreciation letter (Reward) is enclosed herewith.



Fig 8.4 Specimencopy of Appreciation letter (Reward)

## 6) Indices used for measuring quality of teaching learning and summary of the

### Index values for all the courses/teachers.

The feedback format provided by the MSBTEand internal/ external academic monitoring norms mention the parameters such as course objectives and outcomes clearly specified at the commencement of the class, subject knowledge (theory), practical knowledge of the subject and execution in laboratory, lecture and discussion focused on the subject, presentation skills in class(use of teaching aids, blackboard organization), syllabus coverage (regularity and punctuality), evaluation of tests (fair and impartial), interaction with students (difficulties, motivation to learn), completion/coverage of course, learning material (used, developed and circulated).

**Maharashtra State Board of Technical Education****FORMAT FOR FEED BACK FROM STUDENTS**

(Minimum 30 regular students / half the strength of the class)

Name of Faculty:

Semester:

Subject taught:

Sr. No.	Parameters	Poor	Satisfactory	Good	Very good
1	Punctuality				
2	Knowledge of the subject				
3	Presentation Skill				
4	Interaction with students				
5	Difficulty solving attitude				
6	Use of teaching aids				
7	Ability to maintain discipline				
8	Overall Performance				

Fig 8.5 Specimen Course Feedback form

**7) Number of the corrective action taken:**

The feedback receives from students is continuously monitored by the Principal of the institute / HOD. The strengths and weaknesses are recorded and communicated to the teaching staff immediately for correction/improvements, if any.

**8.3 Feedback on facilities (5)**

Total Marks 5.00

**A. Student feedback on facilities, analysis and corrective action taken (5)**

Institute Marks

5.00

## 8.3 Feedback on facilities(5)

**A. Student feedback on the facilities, analysis and corrective actions taken (5)**

**I. Facilities considered for feedback:**

1. Availability of books / Library facility.
2. Computer with Internet facility.
3. Drinking Water facility.
4. Co-operative Mess facility.
5. Hostel facility.
6. Sports including Gymkhana facilities.
7. Security and Safety at the Campus.
8. Co-operative Store facility.
9. Availability of equipments in the Laboratories.
10. Auditorium facility.
11. Campus Ambience and Campus Green Environment.

**II. Feedback Methodologies:**

- a. Student feedback is taken at the end of each semester by each Program.
- b. Feedback of students taken by both internal as well as external academic monitoring committee.
- c. Feedback is taken from first- and second-class representative in the meeting hosted by the Hon.Principal.
- d. Suggestion boxes are kept at every department.
- e. Feedback is collected at hostel.
- f. Feedback Register is maintained at Co-operative Mess.

**III. Analysis:**

Analysis is done by Student's Grievance and Redressal Cell with the help of Senior faculty members or concerned faculty members and analysis of feedback facilities is submitted to Hon. Principal for further necessary action.

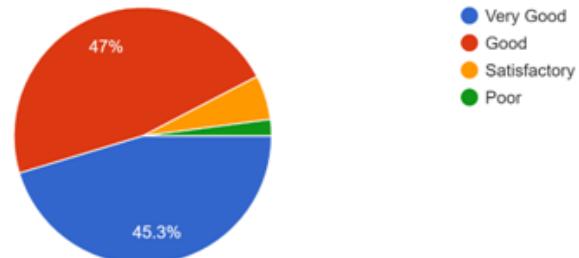
**8.3 Analysis of feedback form:**

Sr. No.	Facilities	Total Number of Feedback Received	Very Good	Good	Satisfactory	Poor
1	Availability of books / Library facility	477	216	226	25	10
2	Computer with internet facility	477	179	221	43	34
3	Drinking Water facility	477	239	194	34	10
4	Co-operative Mess facility	477	301	154	19	3
5	Hostel facility	477	218	216	36	7
6	Sports including Gymkhana facilities	477	167	236	47	27
7	Security and Safety at the Campus	477	389	79	7	2
8	Co-operative store facility	477	175	254	40	8
9	Availability of equipments in the Laboratories	477	143	257	52	25
10	Auditorium facility	477	230	212	26	9
11	Campus Ambience and Campus Green Environment	477	288	168	19	2
<b>Total</b>		477	232	202	32	13
<b>Percentage (%)</b>		100%	49	43	7	3

### 8.3 Chart for Analysis of Feedback

1.Availability of books / Library facility...

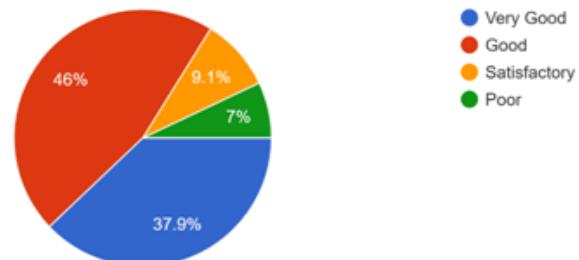
483 responses



- Very Good
- Good
- Satisfactory
- Poor

2.Computer with internet facility...

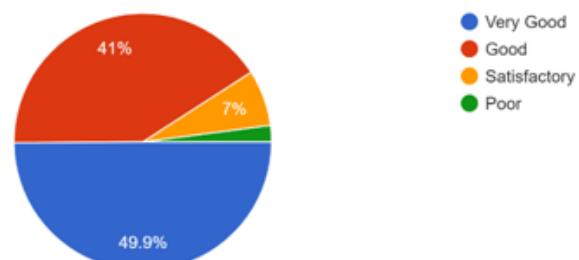
483 responses



- Very Good
- Good
- Satisfactory
- Poor

3.Drinking Water facility...

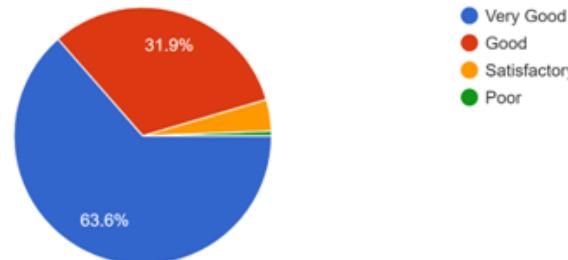
483 responses



- Very Good
- Good
- Satisfactory
- Poor

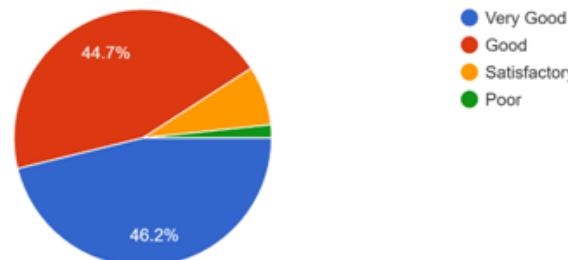
4.Co-operative Mess facility...

483 responses



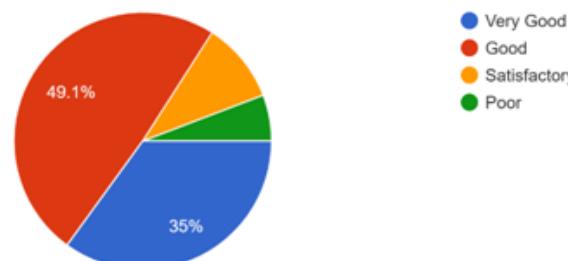
5.Hostel facility...

483 responses



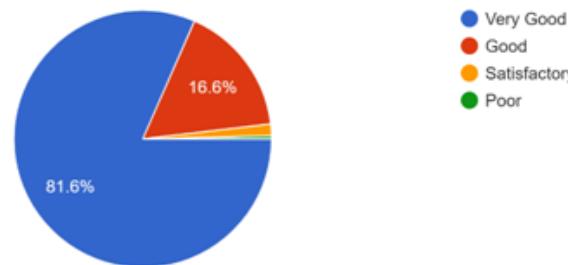
6.Sports including Gymkhana facilities...

483 responses



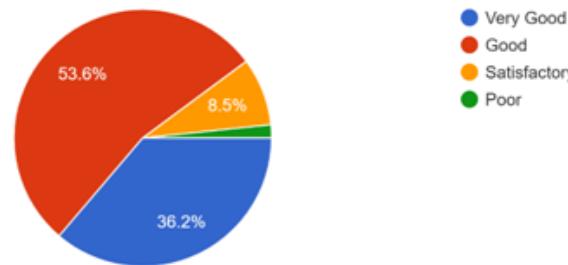
7.Security and Safety at the Campus...

483 responses



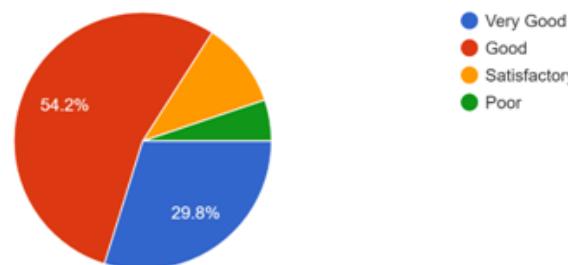
8.Co-operative store facility...

483 responses



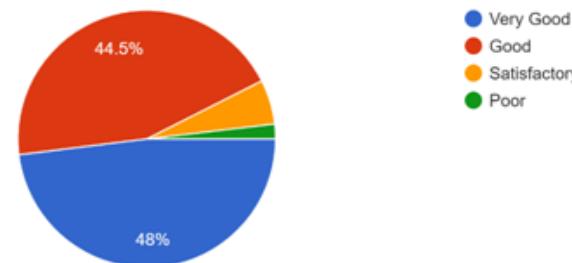
9.Availability of equipment's in the Laboratories...

483 responses



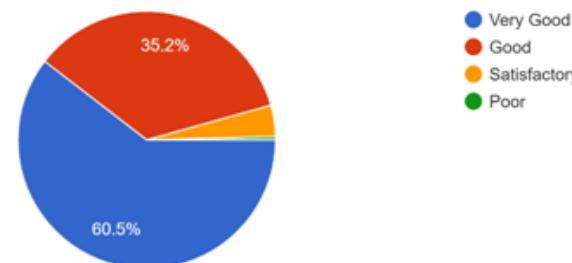
10.Auditorium facility...

483 responses



11.Campus Ambience and Campus Green Environment

483 responses



**IV. Corrective Actions Taken:**

1. New books are purchased (as per the availability of budget from the Government) as per the demand of departments and students.
2. Computer department has all computer labs with internet facility and further internet facility is enhanced with the installation of high-speed lease line.
3. Newly RO Water Filter Plant of 1000 Liter capacity is installed in the institute premises. Maintenance of water coolers is regularly done.
4. We provide excellent mess facility with very reasonable charges.
5. Yoga, Spiritual Training by Professional, along with these events self-defence programmes like karate are also arranged. Expert talks of the renowned personalities motivate the students for the all-round development of students.
6. Social gathering, Cultural activities, Sports activities are regularly arranged for overall personality developments.
7. Strict Security norms are at place with regular vigilance by rector and wardens.
8. Co-operative Store provides quality stationery material at reasonable cost.
9. New equipments are purchased to fulfill the curriculum requirements as per the availability of the budget from the Government.
10. Institute has well-furnished Auditorium as "Chhatrapati Rajarshi Sahu Maharaj" with capacity of 400 students.
11. During last three years near about 1000 trees are planted in order to keep the Campus Environment Green.
12. Fire extinguishers are regularly refilled.

13. Furniture repair is done on regular basis.
14. Electrical maintenance is carried out on regular basis.



RO-WATER FILTER PLANT



**LIBRARY BUILDING**



KARATE TRAINING CAMP



**8.4 Career Guidance, Training, Placement (20)**

Total Marks 20.00

Institute Marks

20.00

**A. Availability (05)**

A separate training and placement cell is available at the institute since the year of the establishment of the institute. A senior faculty is entrusted to shoulder the responsibilities of the training and placement activities, and supported by representatives from each department.

**B. Management (10)****a) Objectives:**

1. Create awareness among students regarding available career options and help them in identifying their career objectives.
2. Training activities for soft skills, interview techniques, personality development.
- 3 Interaction and MOUs with industries for Industrial visits, In-plant training and placement needs.

**b) Activities**

1. Expert/Guest Lectures from Industry for career guidance and exposure to the latest technology used by industry.
2. Faculty use to guide the students about career development.
3. Institute organizes various Training activities for soft skills, interview techniques, personality development etc.
4. Institute developed number of MOUs with industries for Industrial visits, In-plant training and placement needs.

**C. Effectiveness (05)**

Following table indicates various activities undertaken by each department for carrier guidance in last three years.

**Career Guidance Data for academic year 2016-17**

Sr.No.	Resource Person/ Industry	Name of Department	No. Of Beneficiary
1	Expert lecture on recent view on medical electronic by Pravin P. Ambekar.	MU	32

2	Expert lecture on Application of Matlab in biomedical Engg. by P.G. Kulkarni.	MU	34
3	Expert lecture on Apparel Production Techniques by Mssiddique.	MU	35
4	Expert lecture on personality by Pravin P. Ambekar	MU	32
5	Expert lecture on Apparel Production Techniques by Mssiddique.	DD	35
6	Expert lecture on Role of Fashion Merchandiser in apparel industry by Smt.Gunale G.G.	DD	33
7	Expert lecture on Quality control in Apparel Manufacturing by Smt B.S. Baga	DD	33
8	Expert lecture by Mrs.Swami Varsha VA3 IT Services Pvt.Ltd.Latur-41351	CO	65
9	Expert lecture by Sonali A Mustre on Synechis Aquilam Soiutions Pvt. Ltd. Pune	CO	63
10	Expert lecture by Abhijit A. More on CYIN Solutions Pvt.Ltd. Pune	CO	65
11	Expert lecture by Mr. Ganesh STEP-Software Technologies Excellence Program , Hederabad -500032	CO	66
12	Expert lecture on Embedded System and Applications' Mr. P.P. Ambekar	ET	60
13	Expert lecture on Image Processing' Dr. K.M. Bakwad, HOD Electronics Engg. Dept. P.L.G.P,Latur.	ET	60
14	Expert lecture on EDP workshop by Mr. S. Mundhe , R.O. Aurangabad.	ET	61
15	Expert lecture on Mobile Communication' by Mr.A.J.Shaikh Mr.J.J. Shaikh.	ET	60
16	Expert lecture on Forensic & Cyber Crime Trainer, Latur by Mrs. Wakadkar B.S. & Mr. Amar Shinde,.	CE	66
17	Expert lecture by Executive Engineers Office, PWD Latur Mr. Ashish Dwivedi, Accounts Officer.	CE	65

#### Career Guidance Data for academic year 2017-18

Sr.No.	Resource Person/ Industry	Name of Department	No. Of Beneficiary
1	Expert lecture on Nano -Technology by U.A. Masyak.	MU	38
2	Expert lecture on Application of Matlab in biomedical Engg. By S.J.Todkar.	MU	37
3	Expert lecture by P.S. Deshpande.	MU	35
4	Expert lecture on Quality control in Apparel Manufacturing (Mssiddique).	DD	40
5	Expert lecture on Computer aided Designing ( Smt.Pallavi Swami)	DD	40
6	Expert lecture on Merchandisers role in retail Store (ku Desai)	DD	40
7	Expert lecture by Mrs.Swami Varsha VA3 IT Services Pvt.Ltd.Latur-41351	CO	63
8	Expert lecture by Mr. Abhijit More CYIN Pvt.Ltd. Pune.	CO	63

9	Expert lecture by Mr. Avinash Jadhav , Mr. Mangesh Gahirwar MINDLABZ S/W Solutions Pvt.Ltd. Latur	CO	63
10	Expert lecture by Mr. Ganesh STEP- Softwar Technologies Excellence Program , Hyderabad – 500032	CO	63
11	Expert lecture on Economics in Day To day Life by Dr.S.S. Kondekar Asst. Prof. at SRTMU, Extension Centre,Latur.	ET	63
12	STEP for final year Mr. B. Ganesh Director, Thought works Technology Pvt.Ltd, Pune	ET	63
13	Expert lecture on Energy Conservation Training Program by Mr.Kedar Khamitkar, MSECB,LATUR.	ET	63
14	Expert lecture by Mr. Govind Somwanshi, Director of CADD Centre, Latur	CE	63
15	Expert lecture by Mr. Ravi Patane, Director of Graphical Realistic Presentation, Latur.	CE	63

#### Career Guidance Data for academic year 2017-18

Sr.No.	Resource Person/ Industry	Name of Department.	No. Of Beneficiary
1	Expert lecture on Trouble shooting Maintenance by Hema Gajbhar	MU	40
2	Expert lecture on EEG by Sudhir Kanade	MU	40
3	Expert lecture on Motivation & Time Management by R.A. Kulkarni	MU	40
4	Expert lecture on Logical Thinking by V.B. Swami	MU	40
5	Expert lecture on Surface Ornamentation Techniques by Smt .Sweta Shinde	DD	40
6	Expert lecture on Computer aided Designing by Smt. Pallavi Swami.	DD	40
7	Expert lecture on Basic fashion illustration by Shri Avinash B.satpute.	DD	40
8	Expert lecture by Ms. Kagade Nikita.	CO	63
9	Expert lecture by Mr. Menkudale , Mr. Avinash Jadhav , Mrs. Varsha Swami .	CO	63
10	Expert lecture by Mr. V. Sharma ,Ms. Veena From Infosys Pvt. Ltd. Pune	CO	63
11	Expert lecture by Mr. S. Mahajan , Mr. Trimukhe	CO	63
12	Expert lecture by Mr. B. Ganesh.	CO	63
13	Expert lecture on Tele Communication Technologies by Mr.Sandip S. Shastri Junior Telcom Officer, Bharat Sanchar Nigam Limited,Latur	ET	63
14	Expert lecture on Logical Thinking Power by Mrs. V.B. Swami Director, Orange Software Pvt. Ltd, Latur	ET	63

15	Expert lecture on Project report preparation for small scale Industries ,Mr. P.N. Gudsukar Atharwa Consultancy, Latur	ET	63
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#### Active MOUs data for academic year 2016-17

Sr.No.	Name of Department.	Name of Industry with active MOUs.	No. Of Beneficiary
1	MU	MIT COLLEGE LATUR	40
2	DDGM	Quality in Boutique,UlkaNagari Garkhada, Aurangabad	40
3	DDGM	Suyog Shirt Manufacturing Industry, Latur	40
4	DDGM	S.S.T.Arts collage Latur	40
5	DDGM	Ellize line Designer .Latur	40
6	CO	VA Cube IT Services Pvt.Ltd. Latur	63
7	CO	Synechis Aquilam Solutions LLP. Pvt.Ltd. Pune	63

#### Active MOUs data for academic year 2017-18

Sr.No.	Name of Department.	Name of Industry with active MOUs.	No. Of Beneficiary
1	MU	PLGP LATUR	40
2	DDGM	S.S.T.Arts collage Latur	40
3	DDGM	Ellize line Designer .Latur	40
4	DDGM	Suyog Shirt Manufacturing Industry, Latur	40
5	DDGM	NavyaBoutique ,Latur.	40
6	DDGM	Dwarka Das Shyam Kumar Retail, Latur	63
7	CO	CYIN Solutions Pvt.Ltd. Pune	63
8	ET	MCN Cable and Docomo Private Limited, Latur 1 <sup>st</sup> Floor ICICI Bank,Parijat building, Ausa Road,Latur	63

#### Active MOUs data for academic year 2018-19

Sr.No.	Name of Department	Name of Industry with active MOUs.	No. Of Beneficiary
1	MU	SWAMI VIVEKANAND HOSPITAL	40

2	DDGM	S.S.T.Arts collage Latur	40
3	DDGM	Ellize line Designer .Latur	40
4	DDGM	NavyaBoutique ,Latur.	63
5	CO	Mindlabz Software Solution Pvt. Ltd. Latur	63
6	ET	FAB India Automation C/O Cognitive IT Solutions, Preeti travels Office,UdyogBhavan,Latur	63
7	ET	ShriSaibaba Green Power Rprivate Limited Gondri(Lodga),Latur	63

**Industrial visit data for academic year 2016-17**

Sr.No.	Name of Visited Industry	Name of Department	No. Of Beneficiary
1	Water Treatment Plant, Harangul	CE	63
2	Dhanegaon Dam, Dhanegaon	CE	63
3	Waste Treatment Plant, Warwanti	CE	63
4	Biomedical Waste Treatment Plant (Incinerator), MIT College, Latur	CE	63
5	Railway Station, Latur	CE	63
6	Digital Art Work Latur.	MU	40
7	Vivekanand Hospital Latur.	MU	40
8	Lokmat Printing Press Latur	MU	40
9	Railway Station Latur	MU	40
10	Vivekanand Hospital Latur	MU	40
11	Mahanand Milk Dairy Latur	MU	40
12	Uma Udyod Latur	MU	40
13	Lokmat Printing Press Latur	MU	40
14	Maridian Aqua Latur	MU	40
15	Sunrich Aqua plant, M..I.D.C.Latur	ET	63
16	Doordarshan High Power TV Transmitter,Ambajogai.	ET	63
17	Mahanand Milk Dairy, M..I.D.C.Latur	ET	63
18	Malwadkar Agency ,M..I.D.C.Latur	ET	63

**Industrial visit Data for academic year 2017-18.**

Sr.No.	Name of Visited Industry.	Name of Department	No. Of Beneficiary
1	Quality Packing Latur	MU	40
2	Sunrich Aqua Latur	MU	40
3	Lokmat Printing Press Latur	MU	40
4	Uma Udyod Latur	MU	40
5	Mahanand Milk Dairy Latur	MU	40
6	Surya Conductors Latur	MU	40
7	Vivekanand Hospital Latur	MU	40
8	MIT Hospital –I Latur	MU	40
9	MIT Hospital- III Latur	MU	40
10	Digital Art Work Latur	MU	40
11	Sai Baba Sugar Factory Latur	MU	40
12	Green Power Genration Latur	MU	40
13	B.B.Knitting,Pulgam Textile, Solapur)	DD	40
14	AndhaApngapunarvasan Kendra budhoda.	DD	40
15	KhadigramudyogAusa.	DD	40
16	B.F.R. L.MIDC Latur	DD	40
17	Sunrich Aqua plant, M.I.D.C.Latur	ET	63
18	Nana Gas Plant,M.I.D.C.Latur	ET	63
19	TV receiving Center, Osmanabad	ET	63
20	All India Radio, Osmanabad	ET	63
21	Latur Cable Network,Latur	ET	63
22	Uma udyog,M..I.D.C.Latur	ET	63
23	Substructure Construction: Gagan Viharr, Latur	CE	63
24	Construction site: Vyankateshwara Green Project, Latur	CE	63

25	Railway Station, Latur	CE	63
26	Water Treatment Plant, Harangul	CE	63
27	Dhanegaon Dam, Dhanegaon	CE	63
28	Waste Treatment Plant	CE	63
29	Biomedical Waste Treatment Plant (Incinerator)	CE	63
30	Railway Station, Latur	CE	63
31	BSNL-Bharat Sanchar Nigam Limited Latur	CO	63
32	Mindlabz Software SolutionsPvt,Ltd Latur	CO	63
33	Mindlabz Software SolutionsPvt,Ltd. Latur	CO	63

**Industrial visit data for academic year 2018-19.**

Sr.No.	Name of Visited Industry	Name of Department	No. Of Beneficiary
1	Digital Art Work-III Latur	MU	40
2	Mahanand Milk Dairy Latur	MU	40
3	MIT Hospital Latur	MU	40
4	Digital Art Work-I Latur	MU	40
5	Vivekanand Hospital Latur	MU	40
6	Action Garment Vitthal Cooperation, Barshi	DD	40
7	Big Bazar & Shoppers Stop, Latur.	DD	40
8	B.B.Knitting, Pulgam Textile, Solapur)	DD	40
9	High power TV Transmitter,Pimpala,Ambejogai	ET	63
10	Bharat Sanchar Nigam Ltd,Latur	ET	63
11	Digital Art .Prakashnagar,Latur	ET	63
12	Uma udyogIndusties, M.I.D.C. Latur	ET	63
13	Water Treatment Plant, Harangul	CE	63
14	Traffic Volume Survey Latur	CE	63
15	Dhanegaon Dam, Dhanegaon	CE	63
16	District Health Laboratory	CE	63

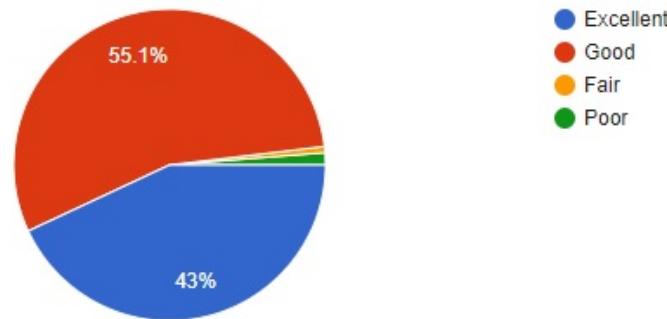
17	PACE Training Centre, Killari	CE	63
18	Quality Control Laboratory Latur	CE	63
19	Highway construction site Latur	CE	63
20	Building Construction Site Latur	CE	63
21	Bio-fertilizers and vermi-composting plant	CE	63
22	Profile Levelling Road Project Latur	CE	63
23	Building Construction Site Latur	CE	63
24	Railway Station, Latur	CE	63
25	BSNL-Bharat Sanchar Nigam Limited Latur	CO	63
26	Arty Offset Industry,Latur	CO	63
27	Print pack Business forms pvt,ltd	CO	63

**List of selected candidate for Philips India Ltd in 2020 with 2.2 lac per annum**

Sr.No.	Name of Candidates	Branch of candidates
1	Prajakta Pati	MU
2	Rohini Pande	MU
3	Snehlata Burnge	MU
4	Dnyaneshwari Sontake	MU
5	Akshada Garad	MU
6	Pallavi Zirmire	ET
7	More Pranita Vyankatrala	ET
8	Pooja Swami	ET
9	Geeta Bolange	ET
10	Manasi Kulkarni	ET
11	Supriya Dhotre	ET

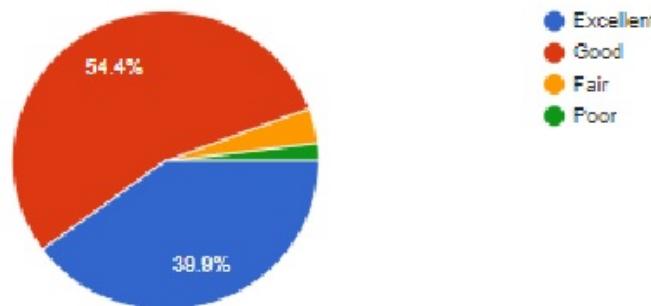
Overall Rating for Industrial Visit organised in Current Academic Year by your department.

158 responses



Overall Rating for Training and placement cell .

158 responses



Picture : Feedback form graphical representation (students 2018-19 batch)





Picture: Selected Students at Philips India Ltd and Philips HR Team.



Picture : Felicitated soft skill expert by Dr.A.M.Agarkar and Guest lecture from TE Civil



Picture : Feedback from In-plant Training from MU department and Industrial Visit .

**8.5 Entrepreneurship Cell/Technology Business Incubator (5)**

Total Marks 5.00

Institute Marks

5.00

**A. Availability (01)**

Our Polytechnic established Entrepreneurship Development Cell in the academic year 2016-17. The cell intends to encourage, motivate and provides training for the students who are inclined towards entrepreneurship.

Entrepreneurship Development cell strives to inspire and generate a culture of innovation to help budding entrepreneur to realize their potential. Maharashtra State Board of Technical Education (MSBTE) designed a curriculum to encourage diploma students for self-employment. Government Residential Women's Polytechnic, Latur, has been organizing a Three Day Full Time Entrepreneurship AwarenessCamp(EAC) for the students of all branches from academic year 2016-17. These EACs are arranged in collaboration with Maharashtra Center for Entrepreneurship Development (MCED)(which is the Nodal Institute of Government of Maharashtra having its head office at Aurangabad).

**The objectives of the cell are:**

1. To introduce students to “Entrepreneurship as a Carrier Choice”.
2. To Conduct Entrepreneurship Awareness Camp (EAC).
3. To develop Industry contacts for training and hand-on experience.

**B. Management (02)**

**Activities Conducted by Entrepreneurship Development cell:**

Following activities are conducted by Entrepreneurship Development cell;

Academic Year	Name Of Activity Conducted	Duration	No. of Beneficiaries
Academic Year 2016-17	Entrepreneurship Awareness Camp.	06/01/2017 To 08/01/2017	174
Academic Year 2017-18	Entrepreneurship Awareness Camp.	18/01/2018 To 20/1/2018	78
	Entrepreneurship and opportunities in Technical field	03/08/2018	Students of All Branches
Academic Year 2018-19	Entrepreneurship Awareness Camp.	21/01/2019	109
	Exhibition on Best From West	29/08/2019	37
	“Eco – Friendly Hand Bags using Upcycling Technology: Exhibition and Sell”	28/08/2019	34

“Best from West” activity was organized by Prof Mrs. S. A. Agarkar during EDP Tutorial hours. Medical Electronics Final Year Students Participated in this activity. Students exhibited their skills to utilize the waste material by the best possible ways. Students converted the waste material into very useful products/fancy articles.

“Eco – Friendly Hand Bags using Upcycling Technology: Exhibition and Sell” activity was organized by Dress Designing and Garment Manufacturing (DDGM) department on 28/08/2019. All second year students of DDGM department participated in this activity. Students did stitching of the bags using eco – friendly material. They have also learnt prototyping techniques in this activity. Hence students got first-hand experience of product designing and manufacturing. Through exhibition, students gained the experience of marketing and selling the product.

A few snaps below, depict the events, such as, inauguration of “Best from West” activity by Medical Electronics department, “Eco – Friendly Hand Bags using Upcycling Technology: Exhibition and Sell” organized by DDGM department. The banner of EAC for 2018-19 is seen in the fourth snap.





Organised by  
**MAHARASHTRA CENTER FOR  
ENTREPRENEURSHIP DEVELOPMENT  
(MCED), LATUR**  
Sponser by  
**Government Residential Women's  
Polytechnic, Latur**  
**ENTREPRENEURSHIP AWARENESS CAMP**  
Prog.Dur. : 21/01/2019 to 23/01/2019  
: Venue :  
Government Residential Women's Polytechnic, Latur

Through Industrial training of 6 weeks is made compulsory by MSBTE, we motivate our students to undergo industrial training so that they can design their own prototype / product / project. This experience is very useful in future if a student wants to continue with manufacturing of the same product as an entrepreneur. We are closely associated with CMIA as depicts from the following correspondence documents:



**CHAMBER OF MARATHWADA INDUSTRIES AND AGRICULTURE**  
Bajaj Bhavan,P-2, MIDC Area, Station Road, Aurangabad – 431005  
Phone: (0240) 2324509, 2355090. Fax: (0240) 2333029  
E-Mail: [info@cmla-aurangabad.com](mailto:info@cmla-aurangabad.com) Website: [www.cmla-aurangabad.com](http://www.cmla-aurangabad.com)  
GST No 27AAAAMO96311270



(661)



## Application For Membership

FULL NAME OF THE UNIT GOVT RESIDENTIAL WOMEN'S POLYTECHNIC

Representative Name: DR. A. M. AGARKAR

Designation: PRINCIPAL

Official Address: GOVT. RESIDENTIAL WOMEN'S POLYTECHNIC, Latur Residential/Alternate

Address: AS ABOVE - BARSHI ROAD, LATUR

GST Number:

Telephone Number: Factory 023 82 - Office 221184 Residence

E-mail: 0136 Principal@msbte.com Mobile: 9422882156

Alternate E-mail: agb4@rediffmail.com Alternate Mobile: 9422469646

Recommended By: JOINT DIRECTOR, TECHNICAL EDUCATION OFFICE, AURANGABAD

Product Category/Sector:

Do You Export: Yes:  No: 

Which Countries:

Which Class of Membership you wish to apply

Class Of Membership	Admission Fee	Annual Subscription Fee
<input type="checkbox"/> Associate (Individual)	1500	3000
<input checked="" type="checkbox"/> Associate (Institutional)	1500	5000
<input type="checkbox"/> Small Scale (SSI)	1500	3500
<input type="checkbox"/> Medium Scale	5000	6500
<input type="checkbox"/> Large Scale	10000	18000
<input type="checkbox"/> Life Membership: Fifteen Times Of Annual Subscription for 20 Years.		

Mode Of Payment: Cash   RTGS/NEF  
DD/Cheque

GST will be applicable @18% on above fees

Principal 22/5  
Govt. Residential Women's Polytechnic, Latur.  
9/2/18



## CHAMBER OF MARATHWADA INDUSTRIES AND AGRICULTURE



661

Bajaj Bhawan, P-2, MIDC Area, Station Road, Aurangabad - 431 005, INDIA

Ph. : 91-0240-2324509 / 2355090 Fax : 91-0240-2333029

Email : info@cmia-aurangabad.com / cmia.office@gmail.com, Website : www.cmia-aurangabad.com

Ref.: CMIA/2018-19/28/05/2018

May 28, 2018

To,  
Dr.A.M.Agarkar,  
Principal  
Govt. Residential Women's Polytechnic  
Barshi Road, Latur  
Ph.02382-221184 Mobile : 9422882156, 9422469646  
e-mail : 0136principal@msbte.com,agb4@rediffmail.com

### SUB. : Membership of CMIA

Dear Member,

Congratulation for becoming a member of CMIA !

We are happy to inform you that your application for the **Associate (Institutional) Membership** of the Chamber Of Marathwada Industries And Agriculture(CMIA) for the year **2018-19** has been accepted in the Executive Committee Meeting conducted on **Saturday, 26<sup>th</sup> May,2018**.

We acknowledge with thanks the receipt of NEFT amounting to **Rs.7,670/-** ( Rupees Seven Thousand Six Hundred Seventy Only) towards admission fees (Rs.1,500/-), Membership Subscription fees (Rs.5,000/-) & **Rs.1,170/-** towards GST @ 18%. We have issued the receipt No.**7512 Dt.25/05/2018** along with CMIA Invoice #**239 Dt.28/05/2018** for the same; enclosed herewith for your records.

We are also enclosing herewith CMIA Members Directory for ready reference & use.

We are obliged, honored & enlightened, if you can come and contribute to the activities / initiatives of CMIA on regular basis.

We welcome you to CMIA and look forward to your active participation and involvement in the Chamber for the betterment of industry in Marathwada region.

**Thanking you,**

**Yours sincerely,**

**For Chamber Of Marathwada Industries and Agriculture(CMIA),**

V.N.Nandapurkar  
Hon.Secretary

Encl : As stated above 1) CMIA R.No.7512 Dt.25/05/2018  
2) CMIA Inv.No.239 Dt.28/05/2018

(Regd. Under SR & BPT Act Reg. No. SR 65/88 PTR No. F-1614)

1/10/2019 Maharashtra State Board of Technical Education Mail - Invitation for the Awareness Program BY MEDA(Maharashtra Energy Develop...



Govt. Residential Womens Polytechnic, Latur Principal <0136principal@msbte.com>

**Invitation for the Awareness Program BY MEDA(Maharashtra Energy Development Agency) for  
SME's, MSME's Large Scale Industries for Various Schemes and policies for Energy Conservation  
on Friday, 18th January, 2019 at 2 pm at CMIA Conference Hall**

CMIA Aurangabad <cmiajsecretary@gmail.com>  
To: CHAMBER OF MARATHWADA INDUSTRIES AND AGRICULTURE AURANGABAD <cmiajsecretary@gmail.com>  
Bcc: 0136principal@msbte.com

10 January 2019 at 14:41

**CHAMBER OF MARATHWADA INDUSTRIES AND  
AGRICULTURE**

Bajaj Bhawan, P-2, MIDC Area, Station Road, Aurangabad(MS)-431 005,INDIA  
Ph:+91-240-2324509, 2355090 Fax:+91-240-2333029

E-mail : info@cmia-aurangabad.com website : www.cmia-aurangabad.com

मि. म. न. त. न. लारे

६९

दिनांक

१०/०१/१९

Ref.:CMIA/2019-20/10/01/2019

10 January 2019

Subject: Invitation for the Awareness Program BY MEDA(Maharashtra Energy Development Agency)  
for SME's, MSME's Large Scale Industries for  
Various Schemes and policies for Energy Conservation on Friday, 18th January, 2019 at 2  
pm at CMIA Conference Hall

**Dear Sir,**

Chamber of Marathwada Industries and Agriculture(CMIA) would be conducting an Awareness  
Program BY MEDA(Maharashtra Energy Development Agency) for SME's, MSME's Large Scale  
Industries for Various Schemes and policies for Energy Conservation for the industrial consumers.

This programme would be useful for the MSME sector, Large Scale Industries, Academia &  
Students from the region, which will provide an excellent opportunity for you to increase your brand  
recognition amongst the decision makers in this region. CMIA has been proven as unparalleled  
platform to network and explore such schemes and programs in mass scale to the industrial  
consumers.

The programme schedule is as follows;

Day/Date : Friday, 18<sup>th</sup> January, 2019

Time : 2 pm to 5:30 pm

Venue : CMIA Conference Hall, P-2, Bajaj Bhawan, MIDC Railway Station

मि. म. न. त. न. लारे  
प्राविधि  
१०/०१/१९

Detailed programme agenda is appended below for your ready reference please.

**Participation Fees :: Rs.500/- + GST @ 18% extra per participant**

Payment cheques to be drawn in the name of Chamber of Marathwada Industries And Agriculture or RTGS to CMIA account with following details;

Beneficiary Name	:Chamber of Marathwada Industries and Agriculture
Bank A/C No.	:52065960072
Name of Bank	:State Bank of Hyderabad
Bank Branch & Address	:Rly. Station Road, Aurangabad-431005
IFSC Code	:SBHY0020302
Account Type	:Saving Account

For the participation in this programme prior registration is must. For more details and registration, please contact CMIA Office on phone no.0240-2324509, 2355090 or mobile no.8888889667, 68 or 8888889670 or e-mail to cmiasecretary@gmail.com

<https://mail.google.com/mail/u/0/?ik=fb029ec5&view=pl&search=all&permmsgid=msg-f%3A1622263904496590056&simpl=msg-f%3A1622263...> 1/2

1/10/2019

Maharashtra State Board of Technical Education Mail - Invitation for the Awareness Program BY MEDA(Maharashtra Energy Develop.

You are kindly requested to attend and also depute your concerned officials for the said programme.

Best Regards,

For Chamber of Marathwada Industries and Agriculture

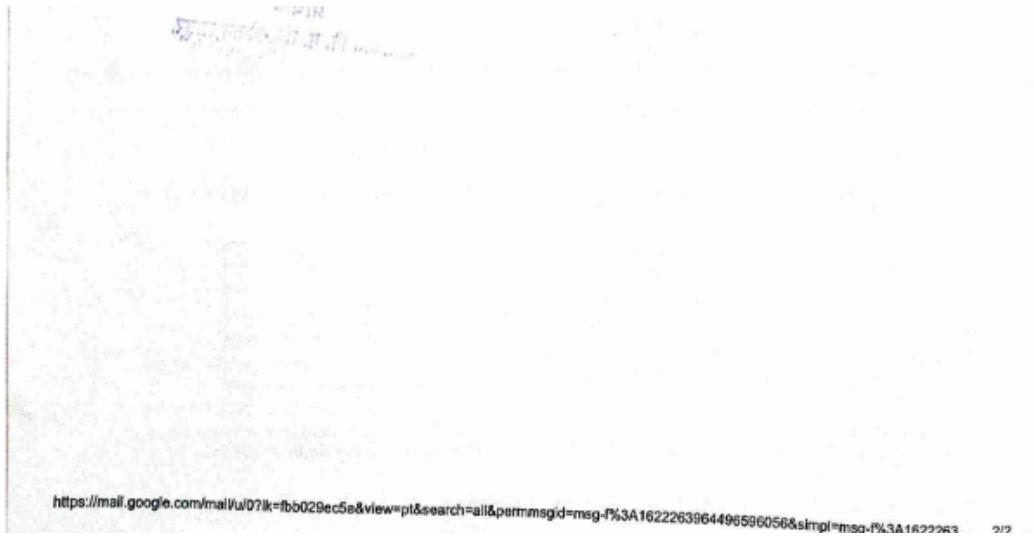
Rahul Deshpande  
Convener,  
Energy Cell

Nitin Gupta  
Hon.Secretary

AWARENESS PROGRAM BY MEDA(Maharashtra Energy Development Agency) for SME's, MSME's Large Scale Industries for Various Schemes and policies for Energy Conservation

January 18th, 2019 @ CMIA Hall, CMIA Bhavan, Aurangabad

1	Felicitation	Felicitation of MEDA & DIC Officials by CMIA	2.00 PM to 2.15 PM	CMIA President / Hon. Secretary CMIA/ Mr. Prasad Kokil (Past. President- CMIA, Founder-Energy Cell)
2	Session -I	1. Presentation by MEDA (Maharashtra Energy Development Agency covering following topics	2.15 PM to 3:45 PM	MEDA Officers, Aurangabad Division
		a. MEDA activities and portfolio exploration for consumers (Industry, Commercial, Residential)		Mr. P. C. Diwakar, DGM, MEDA, Aurangabad
		b. Details of various schemes for promotion of energy audits and energy conversations like Save Energy Program, SME Scheme, Renewable Energy Schemes etc.		
Tea Break			3.45 PM to 4.00 PM	Hi Tea with Breakfast / Refreshment
3	Session -III	Session by DIC Head to explore various schemes for Industries & consumer for Energy Conservation project implementation from DIC	4.00 PM to 4.30 PM	DIC Divisional Head, Aurangabad
4	Session III	Panel Discussion on PF Improvement, Regulatory issues, Energy Conservation and harmonics etc.	4.45 PM to 5.00 PM	MSEDCL Representative, CMIA Energy Cell, L & T Representative, MEDA Representative, Shri. Hemant Kapadia, DIC Personnel etc.
5	Concluding	Vote of Thanks	5.00 PM to 5.15PM	



01/08/2018 Maharashtra State Board of Technical Education Mail - Postponement of Interaction meeting with Hon. Mr Subhash Desai, Minister for In...



Govt. Residential Womens Polytechnic, Latur Principal <0136principal@msbte.com>

**Postponement of Interaction meeting with Hon. Mr Subhash Desai, Minister for Industries and Mining**  
1 message

*DM*

CMIA Aurangabad <cmiajtsecretary@gmail.com>  
To: CHAMBER OF MARATHWADA INDUSTRIES AND AGRICULTURE AURANGABAD <cmiajtsecretary@gmail.com>  
Bcc: 0136principal@msbte.com

16 August 2018 at 19:38  
*21/08/2018*  
*Date:- 18/08/2018*

**CHAMBER OF MARATHWADA INDUSTRIES AND AGRICULTURE**

Bajaj Bhawan, P-2, MIDC Area, Station Road, Aurangabad(MS)-431 005,INDIA  
Ph:+91-240-2324509, 2355090 Fax:+91-240-2333029  
E-mail : info@cmia-aurangabad.com website : www.cmia-aurangabad.com

  
CHAMBER OF MARATHWADA  
INDUSTRIES & AGRICULTURE

  
CERTIFICATION



Ref.:CMIA/2018-19/16/08/2018

August 16, 2018

Dear Sir,

Interaction meeting with Hon. Mr Subhash Desai, Minister for Industries and Mining has been postponed, which was scheduled on 17<sup>th</sup> August,2018 (Friday) at Nana saheb Bhogale Auditorium,Marathwada Auto Cluster,Plot No.P-174, MIDC Waluj.

You are kindly requested to take a note of above.

Best Regards,

Nitin Gupta

Hon. Secretary CMIA

मा. नि. त. नि. लातूर  
मा. नि. 1811  
प्रिवेट  
स्पेशल 18 AUG 2018

मा. नि. 1811  
ग्राम प्राचार्य  
शासकीय निवासी महिला  
परिवार  
तंत्रनिकेतन, लातूर  
मा. नि. 1818

Issue  
P.L.

[https://mail.google.com/mail/u/0/?ui=2&ik=fb029ec5a&jver=-8qjWlrEyqY.en\\_GB&cb=mailto\\_fe\\_180814.14\\_p4&view=pt&search=inbox&th=185431...](https://mail.google.com/mail/u/0/?ui=2&ik=fb029ec5a&jver=-8qjWlrEyqY.en_GB&cb=mailto_fe_180814.14_p4&view=pt&search=inbox&th=185431...) 1/1

## C. Effectiveness (02)

### 8.5.1 Success Stories: A few recent examples

The Institute has a good reputation of converting students into entrepreneurs, especially for Medical Electronics and Dress Designing and Garment Manufacturing branch. Many passed out students have started their own enterprise and are providing employment to others also.

#### I. Success story of an Entrepreneur from Medical Electronics Department:

Mrs. Shivganga Dhiraj Madane successfully completed her Diploma in Medical Electronics by May 2012 and now has established her own dealership enterprise named "M/s. Medicorum Biomedical Services", situated at Sant Dnyaneshwar Nagar, Rajiv Gandhi Chowk Latur for commissioning of biomedical equipment in government as well as private hospitals. Recently she has developed one COVID-19 care unit for Covid patients successfully.

Enclosed photographs depict various biomedical Machines she is dealing with in her enterprise.



#### Contact Details:-

Name of Industry:- M/s. Medicorum Biomedical Services, Latur.

Year of Establishment: - 2017

Name:-Mrs. Shivganga Dhiraj Madane

Designation:- Reseller / Dealer

Contact No.:- 8766507616

Email Id:- [shivhede1@gmail.com](mailto:shivhede1@gmail.com) (<mailto:shivhede1@gmail.com>)

#### II. Success story of an entrepreneur from Dress Designing and Garment Manufacturing Department:

Ms. Abhilasha Sunil Ghodke successfully completed her Diploma in Dress DDGM Program in 2020 and has established her own "Masks Manufacturing Unit" named "Suviraj Enterprises", situated at Bhawanipeth, near Punmiya hospital Barshi, District-Solapur, Pincode-413401. She is engaged in designing and manufacturing of masks. She donated 1500 masks to hospitals and nearby police station as a part of social service.



**जनमत**  
लोकां, जनसंवाद, लोकरुप, लोक, लोक, जनक

### फॅशन डिजायनिंग कोर्स झालेल्या मुलीने वाटप केले मोफत मार्क

कृ.अभिलाशा घोडकेळा  
स्थान: उपक्रम  
बाबी, दि. ८ (प्रतिवर्षी)  
कोरोना या महाभयंकर विधाणासाठून चवाव करण्यासाठी बाबी शहरातील अन्यायावधक सेवेत अलेल्या शहर व तात्कापरित ठाणे कर्मचारी, वैदिकीन कर्मचारी, डॉ. जायगाळे मामा हास्पिटल, कृष्णनाईटी किंवा जायगाळ, प्रामाणी झालाऱ्य आदी दिक्कीनी स्वयं बऱ्हिलेले मारक मोफत वाटप केले आहेत. मुळ वापराची अवलोकन कृ. अभिलाशा सुनिल घोडकेळे निवारण लातूर येथे झाले आहे. लातूरव्यायामासाठी यांनी तंत्रिकेनन येथे ड्रेस डिजायनिंग और गार्डनेट मंजूरीप्रीती कर्सी पुर्ण केला असू उकडीचे.

दिन॑ खाटक समाज संघटना कोरोना संविष्ट जीवधेणु नाही प्रणिन डॉ. संतुली लाड स्टॅट घेतु सर्वांनी खबरदाट घ्यावी असोंसिलास च्या नुक्ते प्रदेश असोंसिलास आहे. निवारण डाक्टी यावेळी वडील सुनिल घोडके आहे. सुखातीपायमुळे तिला बरिंग सौ. नियका काळजी आदी उकडिल होते. लातूर च्या आपाला अंगी असल्याने यासाची यांवित डिजायनिंग और गार्डनेट मंजूरीप्रीती लातूरच्या तंत्रिकेनन यांवित यावत यांच्या स मंजूरीनासून हा उपक्रम राखल्यावै पोके तिले सांगितले.

Manufactured Masks and News Published in News paper (Janmat)

**Contact Details :-**

Name of Industry:- M/s. Suviraj enterprises, Barshi.

Year of Establishment:- 2020

Name :-Ms. Abhilasha Sunil Ghodke

Designation:-Director

Contact No.: - 9579145604,9730312441

Email Id:- [abhilashaghodke3140@gmail.com](mailto:abhilashaghodke3140@gmail.com) (mailto:abhilashaghodke3140@gmail.com)

**III. Success story of an entrepreneur from Dress Designing and Garment Manufacturing Department:**

Ms.Vaishnavi Vikram More successfully completed her Diploma in Dress Designing and Garment Manufacturing Program in 2020 and has established her own “Masks Manufacturing Unit” named “Vaishnavi Costume” situated at Kalamb, Dist Osmanabad. She is engaged in designing and manufacturing of masks. She has donated 1000 masks to social organizations and police department.



Manufactured Mask and News Published in News Paper (Lokmat)

**Contact Details:-**

Name of Industry:- M/s. Vaishnavi Costumes, Kalamb.

Year of Establishment:- 2020

Name :- Ms.Vaishnavi Vikram More

Designation:- Director

Contact No.: - 8087583246

Email Id:- [morevaishnavi219@gmail.com](mailto:morevaishnavi219@gmail.com) (mailto:morevaishnavi219@gmail.com)

We have designed one Google form to collect the information about passout students who does the business and we have got huge responses; from that following students are doing the business successfully, that we have mentioned in following table.

Students doing Business with their own setup

Timestamp	Name of the student	Passout Year	Branch	Current Status	If you are an Entrepreneur then give information in brief(e.g.Products, Name of Business , starting Year, Location of Business, Turn over etc.)	Address and Contact Details.
7/30/2020 15:58:48	Shinde shweta panditao	2009	Dress Designing and Garment Manufacturing	Self Employment (Entrepreneur)	VRUNDA (clothing brand), baramati	Jamdar Vesti, Jamdar road, Kasba, baramati
08/06/2020 15:13	More Vaishnavi Vikram	2020	Dress Designing and Garment Manufacturing	Self Employment (Entrepreneur)	Business name :Vaishnavi costumes 2019 Kallam.	Burud gali TQ. Kallam. Dis. Osmanabad. Contact No: 8087583246
08/06/2020 15:49	Vasodha Rajpal mane	2002	Dress Designing and Garment Manufacturing	Self Employment (Entrepreneur)	Navya designer studio, Old Ausa Road, Latur. Starting year-2016	Tulajahavani housing society, near new Adarsh colony, ausa road, Latur. Mob-8007771551
08/06/2020 17:54	Shaviganga Dhiraj Madane	2012	Medical Electronics	Self Employment (Entrepreneur)	Medicorum Biomedical Services. Rajiv Gandhi chowk Latur. Start year 2018	Gangotri niwas sant dnyaneshwar nagar Rajiv Gandhi chowk. Latur. 8766507616
08/07/2020 11:30	Abhilasha Sunil Ghodke	2020	Dress Designing and Garment Manufacturing	Self Employment (Entrepreneur)	Product Mask Production  Name Of Business:Suviraaj Starting Year:March 2020 Location:Barshi Turn Over:25k only	4378 Bhawari Peth Tel Gali,Barshi Contact: 9579145604 7350230443
8/13/2020 9:16:22	Shahebj Attar	2012	Electronics and Communication	Self Employment (Entrepreneur)	National Electronics, Electrical contracts	<a href="mailto:attershahebj@gmail.com">attershahebj@gmail.com</a>

#### 8.5.2 Specimen copies of EAC Office order, Schedule and EAC Certificate.

##### I. Specimen EAC Office Order



शासकीय निवासी महिला तंत्रज्ञानेतन, लातूर  
GOVT. RESI. WOMEN'S POLYTECHNIC BARSHI ROAD,  
LATUR- 413 531  
Tel (02382) 221184 (O), 221175 (P), Fax- 02382-221175  
Email - 0136office@msbte.com, grwpl\_ltr@rediffmail.com



No.GRWPL/EDP/2018/59

Date:- 10 JAN 2018

Circular

Subject:- 03 Days full time Entrepreneurship Development Program (EDP) jointly Organized by the institute and MCED for the Third Year Students of the all Branches from 18<sup>th</sup> Jan to 20<sup>th</sup> Jan 2018.

All Head of Department of institute are informed that, the Institute level " Entrepreneurship Development Program (EDP) " for 3<sup>rd</sup> year students of all branches are scheduled to be held between 18, 19, and 20<sup>th</sup> Jan 2018 with the collaboration of Institute and MCED(an Accredited institute of Government of Maharashtra).

The Maharashtra State Board of Technical Education has underlined the need for Entrepreneurship Development Program with the objective of enabling students of Engineering and Technology to become entrepreneurs themselves and provide employment to many and contribute to the "MAKE IN INDIA" movement and uplift themselves and the nation through entrepreneurship. EDP has been included in the external Educational supervision to ensure proper implementation of the program at the institutional level.

The program is for third year students and all department heads should ensure that maximum numbers of students from their department participate.

Following are the Departmental Co-ordinators to Assist and Co-ordinate the program with the Chief Co-ordinator Mrs. Seema Ajay Agarkar.

1. Mrs. A. P. Ghode - Electronics and Medical Electronics
2. Mrs. S.N. Shinde - DDGM
3. Mrs. A. S. Patil - Computer
4. Mr. R. B. Kakde – Civil

(Dr. A. M. Agarkar)  
Principal

Government Residential Women's Polytechnic, Latur

Copy To –

- 1) All Department Heads of Civil/Computer/Electronics and Communication/DDGM/Medical Electronics should submit their List of Participated students and EDP Program fees to the Mrs. Seema Ajay Agarkar (Chief co-ordinator EDP) till date 11/01/2018 and take the receipt.
- 2) Mrs. Seema Ajay Agarkar (Lecturer in Electronics And Comm.) Should act as the Chief Co-ordinator on behalf of the organization, Go with the Departmental Co-ordinators in each Department as Required and explain the importance of EDP to the Students. The total number of Participated students should not exceed 120.

Jointly Organized by Maharashtra Centre for Entrepreneurship Development (MCED) and  
Government Residential Women's Polytechnic (GRWP) Latur.

Sr. No.	Date	Time	Subject	Name of the Experts
1	21/01/2019	10.30 to 12.00	Inaugural Programme	Mr. Balaji Birajdar (Manager DIC,Latur) Mr. N. M. Bhosale (Project Officer M.C.E.D. Latur) Dr. Ajay Agarkar (Principal GRWP Latur)
		12.00 to 1.30	Role of District Industries Centre(DIC), Khadi Gramodyog and M.I.D.C.	Mr. Balaji Birajdar (Manager DIC,Latur)
		1.30 to 2.00	Tea Break	
		2.00 to 3.30	Entrepreneurial Opportunities for budding Technocrats.	Dr. Ajay Agarkar
		3.30 to 5.00	Business Opportunities in Latur District and Role of M.C.E.D.	Mr. N. M. Bhosale
2	22/01/2019	10.30 to 12.30	Entrepreneurial Traits	Mr. Sham Sunder
		12.00 to 1.30	Business Opportunities in Agriculture (Case study of Mushroom Business)	Mrs. Sunita Magar
		1.30 to 3.30	Tea Break	
		2.00 to 3.30	Skill Oriented Business Opportunities	Dr. Prakash Rodiya
		3.30 to 5.00	Importance of Advertisement in Business	Mr. R. D. Jogdand
3	23/01/2019	10.30 to 12.30	Project Report Preparation	Ad. Pradeep Gudsurkar ( Tax Consultant)
		12.30 to 1.30	Panel Discussion	Ad. Pradeep Gudsurkar ( Tax Consultant) Dr. Ajay Agarkar Mr. N. M. Bhosale Mr. Pawan Surwase (M.C.E.D. Latur)
		1.30 to 4.30	Tea Break	
		2.00 to 4.30	Visits to S.S.I. Units	I.Gangane Pipe Industry II.Suyog Redimade Garments
		4.30 to 5.00	Valedictory Function	Dr. Ajay Agarkar Mr. N. M. Bhosale Mrs. A. S. Bhandare (EAC Coordinator GRWP Latur) Mr. Pawan Surwase

  
 (Dr. A. M. Agarkar)  
 Principal

III. Specimen EAC Certificate issued to Students



## 9 GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES (75)

Total Marks 75.00

### 9.1 Organization, Governance and Transparency (25)

Total Marks 25.00

#### 9.1.1 State the Vission and Mission of the Institute (5)

Institute Marks

5.00

**Vision :**

To become Center of Excellence, providing quality technical education and training to make Self-reliant and responsible citizens.

**Mission :**

1. To provide conducive environment for quality education. 2. To extend facilities and services for excellence in technical education. 3. To inculcate values and ethics for lifelong learning through curricular, co-curricular and extra-curricular activities. 4. To enhance the skills of Faculties and staff through Quality Improvement training programme and higher education.

**9.1.2 Governing body, administrative setup, functions of various bodies, define rules procedures, recruitment and promotional policies (5)**

Institute Marks

5.00

**A. List the Governing Body Composition; their memberships, functions, and****Responsibilities (02)**

Government Residential Women's Polytechnic, Latur is a Government institute functioning as per the direction of Director of Technical Education, Mumbai. The Director of Technical Education issues administrative/financial policies & The Director of Maharashtra State Board of Technical Education, Mumbai issues academic policies. The Principal is the authority to implement the policies issued by the higher authorities.

The administrative setup of Government Residential Women's Polytechnic, Latur is shown in Figure 9.1

**Abbreviations:**

HOD: Head of department, TPO: Training & Placement officer,

WS: Workshop Superintendent, RO: Regional office,

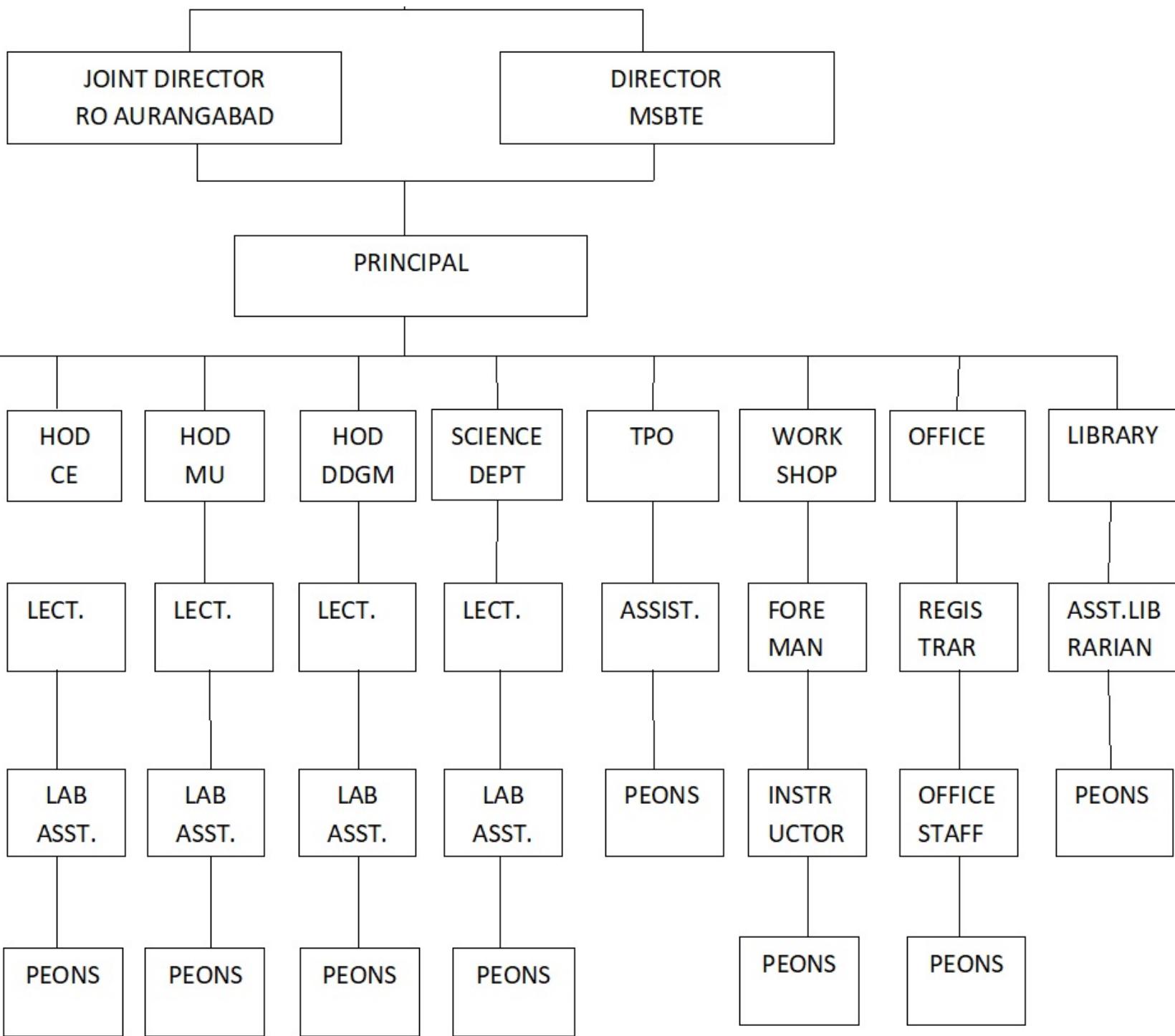
MSBTE: Maharashtra state board of Technical Education,

ET: Electronic and Communication, CO: Computer Engineering,

MU: Medical Electronics, CE: Civil Engineering,

DDGM: Dress Designing and Garment Manufacturing,

DIRECTOR  
TECHNICAL EDUCATION



## **Fig 9.1 Administrative set up of Government Residential Women's Polytechnic, Latur**

### **Roles and Responsibilities**

#### **I. Principal**

**Role:** Institute Head, Manager/executive responsible for all academic & administrative processes of the institute. Drawing and disbursing authority of the institute.

#### **Responsibilities:**

1. Academic and administrative management of the institution.
2. Policy planning and providing academic and administrative leadership.
3. Monitoring and Evaluation of academic activities.
4. Promotion of industry-institution interaction and Research and Development.
5. Organizing and coordinating consultancy services.
6. Participation in policy planning at the Regional/ National level for development of technical education.
7. Promoting and coordinating continuing education activities. The above mentioned job responsibilities will be reviewed by Government from time to time.

#### **II. Head of the Department**

**Role:** Department Manager/executive responsible for all academic & administrative processes and functions. To support Head of institute in academic, administrative and managerial processes.

#### **Responsibilities:**

1. Head of Department is answerable to the Principal of the polytechnic for all academic and administrative/personnel activities of the department.
2. Academic and administrative management of the department.
3. Assessing the requirements of the material, financial and human effective implementation of prescribed curricula of program offered by the department.
4. Planning, scheduling, coordinating and monitoring the curriculum implementation pertaining to the department.
6. Responsible authority to perform academic, personnel and security functions and to maintain necessary records (like DSR) of the departmental

assets in stipulated formats.

7. To act as facilitator for the departmental faculty in laboratory development, laboratory set-up, and laboratory maintenance
8. Provide motivation & guidance to faculty and other staff in the department.
9. Participate, motivate, guide & facilitate professional development through continuing education, testing and consultancy & research.
10. Identify and organize faculty and supporting staff development programs
12. Maintaining students attendance record submitted by lecturers and students evaluation record
13. Development and implementation of short term and long term plan for department development and quality improvement
14. Preparation of timetable and mobilization of teaching-learning resources.
15. Provide guidance & counseling and other student services at department level.
16. Plan, organize and facilitate industry visits and expert lectures.
17. To plan and implement the activities to take care of hygiene, safety and housekeeping in the department.
18. Take teaching load prescribed as per the norms issued from time to time by state government.
19. Evaluate the performance of the faculty and supporting staff.
20. Create, maintain and motivate cordial relations and team spirit in the team working under him/her & provide impartial opportunities for contribution to faculty & staff.
21. Promote, guide, facilitate and participate in professional activities through interaction with industries, consultancy, testing, continuing education and trainings, industry sponsored projects, entrepreneurship development.

### **III. Lecturer**

**Role:** To implement, manage, coordinate and evaluate all academic functions i.e. conduct of theory, practical, term work and other functions to develop overall personality of the students also to support Head of the department in academic and administrative processes.

#### **Responsibilities:**

1. Lecturer is answerable to the Head of concerned Department
2. Effective implementation of curricula of the concerned course/ Program.
3. Planning and delivering class room and laboratory instructions.
4. Student's assessment and evaluation including tasks related with mid-term tests and term-end examinations.
5. Design and Development of learning resources
6. Planning, setting of laboratories
7. Guiding the concerned Lab Assistant in maintenance and repairs of laboratories and equipments concerned with the course/Courses

8. Laboratories and academic facilities development
9. Preparing and maintaining students' records for the academic term.
10. Plan and execute students development activities
11. Guidance and counseling to students
12. Participate in professional activities through interaction with industries, consultancy, testing, continuing education and trainings, industry sponsored projects, entrepreneurship development.
13. Assist Head of department in departmental activities and providing students services
14. Keep abreast of the newer knowledge, skills and technology through self-up gradation and dissemination of knowledge through articles, books, journals and seminars etc.
15. Self-development through qualification improvement, experience enrichment, professional activities and interactions with professional bodies.

#### **IV. Workshop Superintendent**

**Role:** To implement, manage, coordinate and evaluate all academic functions of workshop i.e. conduct of theory, practical, term work and other functions like utilization of men, machines and maintenance in the workshop to develop skills in the students and also to support Head of institute in administrative and managerial processes.

#### **Responsibilities:**

1. Workshop Superintendent is responsible to the principal in all matters concerned with the workshop instructors, proper utilization of human resources, materials, machines and maintenance in the workshops and provides services to various departments.
2. Plan, deliver and evaluate theoretical and workshop instructions.
3. Design, develop and test instructional material and task for skill Training.
4. Procurement, erection/installation and commissioning of plant and equipments.
5. Procurement and storage of raw materials, tools and instruments Guide student in the performance of practical tasks and exercises and evaluate their performance.
6. Advise and assist students and faculty members in the fabrication of their project work.
7. Participate in professional development activities.

#### **V. Registrar**

**Role:** To work as an Account Officer of the institute also to Support administrative Functions of the institute.

**Responsibilities:**

1. Work as an Account officer of the institute.
2. Manage financial functions of the institute.
3. Monitor administrative functions of the institute.
4. Submit monthly/Quarterly/Annual detailed expenditure reports to directorate.
5. Prepare and submit annual budget of the institute to the competent Authorities.
6. Maintain transparency in administrative and financial functions of the institute.
7. Prepare and submit different types of bills to treasury such as Salary Bills of all Employees, Contingency Bills, GPF Bills, Medical Bills, Plan and non-plan Grants bills etc.
8. Prepare reports of expenditure of the institute and reconcile it with treasury and Account General of Government.
9. Maintain expenditure records such as Govt. and Non Govt. cash books, other expenditure Registers up to date.
10. Monitor and recovery of temporary advances.
11. Disbursement of payments of supplies as per terms and conditions.
12. Co-ordinate expenditure of departments as per sanctioned budget.
13. To carry internal verification of the departments of the institute such as account Section, Library and other departments.
14. To prepare and submit store Account and participate in other activities of the Stores such as write off, audit etc.
15. Handle establishment related issues as and when required.

**VI. Training and Placement Officer**

**Role:** Performing a mix of career counseling and recruiting.

**Responsibilities:**

1. To correspond to prospective companies for interview date and schedule of events.
2. To arrange for interview and written test examination halls at the campus.
3. To receive the personnel and provide necessary inputs about the college and to Co-ordinate with placement coordinator for smooth functioning at various locations (interview halls, written test halls, canteen etc.).
4. To coordinate with industry personnel for timely collection of the appointment Letters and their issuance to selected candidates as soon as the interview is over.
5. To distribute appointment letters and collect acceptance letters from the students and dispatch to HR department of company/industry.

## **B. Minutes of the meetings and action- taken reports (01)**

The Governing body is functioning in the form of administrative set up. The Principal regularly attend meetings at Director and Joint Director Office at \_\_\_\_\_ regional office for the policies decision. The Principal discuss the policies with the faculties and staff which are to be implemented. All academic & administrative policies implemented as per direction given by the Higher Authorities. whatever the decision are taken at higher level management get implemented by the lower level management.

## **C.The published service rules, policies and procedure with year of Publication (01)**

Government Residential Women's Polytechnic, Latur is the institute of Government Of Maharashtra. The details of the rules & regulation imposed by state government is followed by this Institute.these are mentioned below:

### **1.Service Rules :**

Following set of service rules constituted by Government of Maharashtra and amended time to time are applicable to all the staff.

- A) Maharashtra Civil Services (General Conditions of Services) Rules, 1979.
- B) Maharashtra Civil Services (Pay) Rules, 1981.
- C) Maharashtra Civil Services (Joining Time, Foreign Service and Payments during Suspension, Dismissal and Removal) Rules, 1981.
- D) Maharashtra Civil Services (Leave) Rules, 1981.
- E) Maharashtra Civil Services (Pension) Rules, 1982.
- F) Maharashtra Civil Services (Honoraria, Fees, Compensatory, local and House Rent Allowances) Rules, 1984.
- G) Maharashtra Civil Services (Travelling Allowances) Rules, 1984.

### **2. Recruitment Rules and Recruitment:**

A) In exercise of the powers conferred by the provision to article 309 of the Constitution of India and in supersession of all the existing rules, orders or instruments made in this behalf, excepting the Government Resolutions (1) Higher and Technical Education and Employment Department No. PTI. 2089/(1516)/TE-2, dated 24th December 1992 and Government Resolution, Higher and Technical Education Department No.Misci.2801/(245/05)/TE-2, dated 2nd June 2008 the Governor of Maharashtra framed following rules under the Directorate of Technical Education in the Higher and Technical Education Department of the Government, called- "The Principal, Government Polytechnic, Principal, Hotel Management and Catering Technology, Head of Department in Engineering Disciplines or Workshop Superintendent (Head of Department Level) in Government Polytechnic, Head of Department in Non-Engineering Disciplines, Head of Department in Hotel Management and Catering Technology, Lecturer in Various Engineering Disciplines or System Analysts or Workshop Superintendent (lecturer level) or Controller of Examinations in Government Polytechnic or Maharashtra State Board of Technical Education, Lecturer in Various Non-engineering Disciplines, Lecturer in Hotel Management and Catering Technology in the Maharashtra Polytechnic Services in Group "A" under the Directorate of Technical Education in the Higher and Technical Education Department (Recruitment) Rules, 2008".

B) Recruitment of teaching staff mentioned in above paragraph is done by Maharashtra Public Service Commission (MPSC). It is a Constitutional Body established Under Article 315 of Constitution of India which provides a smooth and efficient functioning of the Government of Maharashtra by providing suitable candidates for various posts.

### **3.Promotional Policies :**

The carrier Advancement Scheme of AICTE is applicable to teaching staff as per AICTE Notification F. No. 37-3/Legal/2010, dated 5th March, 2010 for diploma education of this institute. Government of Maharashtra Higher & Technical Education Department issued a Government Resolution No. SPC-2010/(34/10)/TE-2 Mantralaya Annexes', Mumbai – 400 032 Dated 20th August, 2010 and Government Resolution No.: CAS-2013/ (32/13)/TE-2Mantralaya Annex, Mumbai- 400 032 Date: 17th October, 2015 recently for implementation of CAS.

#### D. Extent of awareness among the employees/students (01)

The Employees are aware of role and responsibilities of their job through service rules and policies. Students are aware of fees structure, curriculum, scholarships and examination schedules as per MSBTE academic calendar and DTE's website.

#### 9.1.3 Decentralization in working and grievance redressal mechanism (5)

Institute Marks

5.00

#### A. List the names of the Faculty members who have been delegated powers for taking administrative decisions (02)

In every academic year the various activities are assigned to faculties of the various departments by the head of institute. The various duties and responsibility performed by faculty members is shown in below table.

##### Duties and Responsibilites performed by Faculty members.

Sr.No	2016-17	2017-18	2018-2019	2019-20
1	Shri. Laturkar Anil Shamrao , Head of Dept. Electronics and Communication			
	1.Nil	2.Nil	1.Worked as AICTE Co-ordinator	1.Worked as AICTE Co-ordinator
	2.Nil	2.Nil	2.Officer Incharge DC-136 Winter 2018 W- 18 exam.	2.Officer Incharge DC-136 Summar 2019 .s-19 Exam.
2	Shri.Indrajit Shankarrao Awale, Sr.Lecturer in Electronics & Communication.			
	Worked As.	1.		
	Date 26/08/2016 Incharge	worked As - 1.Academic	Worked As -1 Academic Coordinator of the	Worked As - 1.Academic
	HOD of ET Eept. (Two Months)	Coordinator of the Institute.	Institute.	Coordinator of the Institute.

2.Controller for Institute of Library & Administration (for full year)	2.Examiner & Moderator for evaluation of answ. Sheet of RAC	2.Incharge HOD of ET Dept, in the absence of Regular Hod. Of ET Dept.	2.Incharge HOD & ET Eept, in the absence of Regular HOD of ET.
3.Officer In.charge for first year Admission committee	3.Incharge HOD of ET Dept, in the absence of Regular Hod. Of ET Dept.	3.Member Secretary of the committee & Interview of visiting Lecturer	3.Member Secretary of the committee & Interview of visiting Lecturer
4.Incharge Principal (One time) in the absence of Regular Principal. Chairman of Inquiry committee at institute level(confidential)	4.Member Secretary of the committee & Interview of visiting Lecturer	4.Planing of Internal & External Academic Monitoring of all Dept.	4.Planing of Internal & External Academic Monitoring of all Dept.
5.Chairman of the confidential Inquiry committee (two times) at institute level.	5.Planing of Internal & External Academic Monitoring of all Dept.	5.Examiner and Moderator for RAC	5.Examiner and Moderator for RAC
6.Examiner for Evaluation of answer sheet in RAC	6.Planning of practical Exam and allotment of Dept. wise marksheets & submission to MSBTE	6.Planning of practical Exam and allotment of Dept. wise marksheets & submission to MSBTE	6.Planning of practical Exam and allotment of Dept. wise marksheets & submission to MSBTE
7.Mooderator and Officer-Incharge for RAC	7.Electronic Subject Expert for interview of staff at Vishvishwarya Polytechnic, Almala.	7.Chairman of the chess committee for IEDSSA State Level Games.	7.Member of NBA for Dept.of ET.
8.Worked as Chairman of the Birth Celebration Committee.	8.Chairman of the Birth Celebration Committee.		

3 Shri. Anil Govindrao Badade, Sr. Lecturer in Electronics & Communication.

1. Officer Incharge for MSBTE Board Examination	1. Officer Incharge for MSBTE Board Examination (W-17)	1.I/C Head for Medical Electronics Department	1.I/C Head for Medical Electronics Department
2.Co-Ordinator for Tree plantation.	2.Co-Ordinator for Tree plantation.in the Campus	2.NBA Co-ordinator Institute level.	2.NBA Co-ordinator Institute level.
3.T.P.O.for Institute Level	3.T.P.O.for Institute Level	3.Co-Ordinator for tree plantation.in the Campus	3.Co-Ordinator for tree plantation.in the Campus
	4.Campus Development Officer.	4.Chief Exam Officer for Board MSBTE Exam.	4.Chief Exam Officer for Board MSBTE Exam.

## 5.Campus Development Officer

## 5.Campus Development Officer

4 Mrs. Seema Ajay Agarkar, Lecturer in Electronics & Communication.

1.EDP Chief. Co-ordinator Institute Level.	1.EDP Chief. Co-ordinator Institute Level.	1.EDP Chief. Co-ordinator Institute Level.	1.CDTP Incharge
2.Chief Co-ordinator Vishakha (विशाखा) Committee.	2.Vigilance Squad Committee Member W-17 Exam.	2.Departmental Industry Visit Expert Lecturer Incharge	2.Mess Incharge.
3.Rector, G.R.W.P.L. Girls Hostels.	3.Scrutiny Committee Member, First Year Addmission.	3.Internal Vigilance Squad Member M.S.B.T.E Exam.	3.ECO Club Incharge.
4.Departmental Accademic Co-ordinator (ET)	4.Chief Co-ordinator Internal Vigilance Squal W-17 Exam.	4.Co-Ordinator District Level Competition on Urja Bachat with MEDA	4.Departmental In -Plant Training Incharge
5.Departmental Industry Visit Expert Lecture Incharge	5.Internal Monitoring Committee Member.	5.Visiting Lecturer Interview Ladies Representative	5.Internal Monitoring Committee Member.
6.Student Grievance Cell Incharge	6.Student Grievance Cell Incharge	6.Student Grievance Cell Incharge	6.Student Grievance Cell Incharge
7.Departmental Co-ordinator in MSBTE sponsord Regional level project competition	7.visiting lecturer Interview committee Member & Rector GRWPL Girls Hostels	7.Co-ordinator Tech.Education Guidance Meeting 2019 & Badminton Committee Incharge IEDSSA	7.Co-ordinator Online I Scheme Orientation Programme.counseleing committee Member First Year Addmission Committee.
8.Committee Incharge Rangoli Competition Beti Bacho- Beti Padhao	8.Welcome committee Incharge cultural Programme.	8.Supervisor Quality Control RAC	8.Supervisor Quality Control RAC
9.Anti Ragging Committee Member	9.Departmental project Co-ordinator	9.Anti Ragging Committee Member	9.Supervisor Quality Control RAC
10.Accessor and Moderator RAC	10.Accessor and Moderator RAC	10.Mentor In-Plant Training	10.Committee Member Campus Placement Philips

5 Smt.Renuka V. Mahagaonkar , Lecturer in Electronics & Communication.

1.R.T.I. Officer	1.R.T.I. Officer	1.R.T.I. Officer	
2.Alternate Rector	2.Warden & Assistant Rector	2.Assistent Rector	1.Assistent Rector
3.Cherman Fimal Complane Committee	3.Derect Second Year Admission Committee Member.	3.Summer Theory Exam 2019 Sealing Supervisor.	

6 Smt. Bhandare Anita Subhash , Lecturer in Electronics & Communication.

1.Alternative Wardan	1.Regular Wardan	1.Regular Wardan	1.Regular Wardan
2.Jimkhana Member		2. E.D.P. Camp Incharge	2.E.D.P. Camp Incharge
	2.R.A.C. (Supervisor) Winter 2017	3.Jimkhana Member	3.Jimkhana Member
4.R.A.C. (Supervisor) Summer 2019			

7 Mr.Pradeep Manikrao Kudale , Lecturer in Electronics & Communication.

1.Admission Committee Member 2016-17	1.Direct Second Year Admission Committee Member	1.R.T.I. Officer Institute Level	1.R.T.I. Officer Institute Level
2.Chairman,Dr.Panjabroa Deshmukh ,Rajarshi Shahu Maharaj Scholership Application Verification Committee.	2.Libarary Verification Committee Member.	2.Scholership Application Verification Committee Member	2.Department Academic Co-Ordinator
3.District Panchayat Election 2016-17 as Master Trainer.	3.Internal Monitorint Committee Member	3.Libarary Verification Committee Member.	3.Exam controller for Winter 19
4.District Panchayat Election, Latur as assistant Counting Officer.	4.Exam controller for Winter 2017.	4.Hall Supervisor for exam winter 2018	4.Internal Monitoring Committee Member.
5.IDSSA Zonal Orgnising Committee Member.	5.Quality Controller For RAC Winter 2017	5.Copy Case Enquiry Committee Member for Winter 2018	5.Loksabha ,assembly elction 2019 as Master Trainer.
6.Gathering Orgnising Committee Member.	6.IDSSA Orgnizing Committee Member.	6.Loksabha ,assembly elction 2019 as Master Trainer.	6.Vidhan Sabha election 2019 as Master Trainer.
7.Institute Magzine Committee Member.			7.As a Counting Assisstant for vidhan sabha election.
8.As Supervisor for MPSC exam conducted for grade C	7.Hall Supperviser For winter Exam2017	7.Department Academic Co-ordinator.	8.Scholership Application Verification Committee Member (Mahadbt)
9.As exam Controller for Summer 2016-17.			

8 Ms. Anita Pilaji Ghode, Lecturer in Electronics & Communication.

1. Departmental Co-ordinator for online sessional Test	1.External exam Controller in 0136 exam Winter.	1.Work as Mentor for industrial training Students	1.Work as master Trainer IITPowai "Solar Lamp Development Workshop
2. Work as Supervisor in 0136 RAC summer	2.Work as Supervisor in 0136 RAC winter	2.Work as assessor in 0136 RAC summer	2.Co-ordinator in student Solar Ambassador Workshop
3.0136 Exam (Summer) Hall Supervisor	3.Member in Internal Monitoring Committee		3.Co-Ordinator for Arduino Workshop
	4.0136 Exam (Winter) Hall Supervisor		4.Co-ordinator Departmental Practical.
4.Night Warden at Hostel	5.Internal Store Verification Committee Member.	3.Hostel Warden	5.Co-ordinator Institute Practical. 6.Departmental Activity New Computer Installation & Preparation of Software report.

9 Ms Rupali Dhanyakumar Kasar , Lecturer in Computer Engineering.

1.AICTE Approval Process	1.AICTE Approval Process	1.AICTE Approval Process	1.AICTE Approval Process
2.DTE,AISHE Approval Process	2.DTE,AISHE Approval Process	2.DTE,AISHE Approval Process	2.DTE,AISHE Approval Process
3.First Year Admission online Document Verification	3.Second sessional online Exam Incharge.	3.Additional Officer RACSummer &Winter.	3.Additional Officer RACSummer &Winter.
4.MIS Co-Ordinatior	4.MIS Co-Ordinatior	4.Departmental Practical summer &Winter exam Incharge.	4.Departmental Practical summer &Winter exam Incharge.
5.RAC Quality Control Officer	5.RAC Quality Control Officer	5.RAC Quality Control Officer Incharge	5.Institute Sports (Kabaddi) Incharge.
6.Online Exam CMF Institute Co-ordinator	6.CMF Online Exam.committee Member	6.I.E.D.S.S.A.Registration Committee Member	6.Institute ISTE Member Registration.
7.Computer Dept Sessional Exam. Incharge.	7.Computer Dept Sessional Exam. Incharge.	7.Visiting Lecturer Appointment Committee Member.	7.Computer Dept.Hostel Warden.
8.Winter Exam.MSBTE Paper Setter.	8.Computer Dept.Hostel Warden.	8.New Computer Testing Member.	8.Visiting Lecturer Selection Committee
9.Computer Dept.Hostel Warden.	9.MSBTE Exam. Paper Moderator.	9.Department industrial Visit Co-Ordinator.	
10.Summer 2017online Exam Co-ordinator	10.Industrial Visit Incharge.	7.Computer Dept.Hostel Warden.	

	11.Computer Dept. Academic Monitoring Work	11.MSBTE Paper setting Moderator.	
10	Ms Madhubala Gangadhar Mulge, Lecturer in Computer Engineering.		
	1.MSBTE Online Exam. Co-ordinator at Institute Level	1.MSBTE Online Exam. Co-ordinator at Institute Level	1.MSBTE Online Exam. Co-ordinator at Institute Level
	2.AICTE Approval Cmmitee Member.	2.AICTE Approval Cmmitee Member.	2.Nil
	3.Institute Website update/Maintain Work	3.Institute Website update/Maintain Work	3.Institute Website update/Maintain Work
	4.RAC Win-16 Sum-17 Quality Controller	4.RAC Paper Asseser and Moderator	4.Nil
	5.Mous, Expert Lect. Co-ordinator of Computer Dept.	5.MSBTE Theory Exam -Sealing Supervisor	5.MSBTE Theory Exam -Sealing Supervisor 5.Nil
	6.Academic Moniter Co-ordinator for Comp. Department.	6.Nil	6.IEDSSA State Level Sport Registration Team Member.
	7.Mous, Expert Lect. Co-ordinator of Computer Dept.	7.Mous, Expert Lect. Co-ordinator of Computer Dept.	7.Mous, Expert Lect. Co-ordinator of Computer Dept.
	8.Nil	8.Industrial Traing Officer CO4I student	8.Industrial Traing Officer Co4Istu. Co-ordinator
	9.Academic Moniter Co-ordinator for Comp. Department.	9.Academic Moniter Co-ordinator for Comp. Department.	9.Academic Moniter Co-ordinator for Comp. Department.
11	Smt. Hartalkar Sonali Arvind, Lecturer in Medical Electronics.		
	1.RAC Quality Control	1.D.C. Officer Incharge	1.D.C. Officer Incharge
	2.Internal Squad for MSBTE Exam.	2.Internal Squad for MSBTE Exam.	2.Warden for Hostel
	3.Warden for Hostel	3.Warden for Hostel	3.Warden for Hostel
	4.I Scheme Content designing member	4.Paper Setter for MSBTE	3.Paper Setter for MSBTE
	5.Paper Setter for MSBTE	4.Paper Setter for MSBTE	
12	Shri.Dhulgande Chandrakant Kondibarao , Lecture in Mathematics.		

1.Worked as Co-ordinator in Admission Process	1.Worked as Co-ordinator for Direct Second year Admission .	1.Worked as Member in Admission Committee .	1.I/C Head Science Department.
2.Sealing Supervisor inW-16 & S-17 Exam	2.Sealing Supervisor inW-17 & S-18 Exam	2.Sealing Supervisor inW-18 & S-19 Exam	2.Sealing Supervisor in winter 2019 Exam
3.Security Officer for the Institute	3.Mess Counsellor for Co-operative Mess, GRWP latur	3.Mess Counsellor for Co-operative Mess, GRWP latur	2.Worked as Member in Admission Committee.
	4.Security Officer for the Institute	4.Security Officer for the Institute	4.Mess Counsellor for Co-operative Mess, GRWP latur
4.Furniture Incharge.			5..Security Officer for the Institute
	5.Furniture Incharge.	5.Furniture Incharge.	6.Furniture Incharge.

13 Shri.Ashish Ramrao Hasorikar, Lecturer in English.

1.First Year Admission Committee (Scrutiny Officer)	1.First Year Admission Committee (Head of Data Entry Committee. )	1.First Year Admission Committee (Head of Data Entry Committee. )	1.First Year Admission Committee (Co-ordinator)
2.Assistant to Institute Academic Co-ordinator	2. Science Dept. Academic Co-ordinator	2. Science Dept. Academic Co-ordinator	2. Science Dept. Academic Co-ordinator
3.Gymkhana Assistant	3.Gymkhana Assistant	3.Gymkhana Vice President.	3.Gymkhana Vice President.
4.Additional Officer in Charge (moderation R.A.C.)	4.Additional Officer in Charge (moderation R.A.C.)	4.Additional Officer in Charge (moderation R.A.C.)	4.Additional Officer in Charge (moderation R.A.C.)
5.Invigilator Board Exam.	5.Invigilator Board Exam.	5.Invigilator Board Exam.	5.Invigilator Board Exam.
6.Member Woman Grievance Committee.	6.Member Woman Grievance Committee.	6.Member Woman Grievance Committee.	6.Member Woman Grievance Committee.
7.Master Trainer Panchayat Election 2017	7.Flag Hoisting Team Head	7.Flag Hoisting Team Head	7.Flag Hoisting Team Head
	8.Subject Expert Selection of Eng. Visiting Lecturer.	8.Subject Expert Selection of Eng. Visiting Lecturer.	8.Subject Expert Selection of Eng. Visiting Lecturer.
	9.Store Scrutini Member.	9.Store Scrutini Head.	9.Store Scrutini Head.
	10.Scholarship form Scrutiny Officer.	10 Interzonal Sports Tournament 2019 Coordinator	10.Scholarship form Scrutiny Officer.
		11. Presiding Officer Parliamentry Election 2019	

12.Scholarship form Scrutiny Officer.

14 Shri. Rathod Jairam Chandu, Lecturer in Mech Enggining, Incharge HOD Civil Department.

- |  |  |   |
|--|--|---|
| <p>1.Worked as a member of IMC of various Department 2017-18.</p> <p>2.Worked as a Member of Magazine Academic Year 2017-18 program.</p> <p>3.Worked as a member of Institute magazine committee.</p> <p>4. Worked as a controller in DC.</p> <p>5.Worked as a master trainer in latur lok sabha election.</p> | <p>1.Worked as a coordinator of Enterpreneurship program.</p> <p>2. Worked as a member of Career fair</p> <p>3.Worked as a member of I scheme curriculum orientation program.</p> <p>4.Worked as a member of admission committee.</p> <p>5.Participate in entrepreneurship programm as co-ordinator.</p> | <p>1.Worked as a Incharge HOD of Civil Dept.</p> <p>2.Worked as a library incharge.</p> <p>3.Worked as a member of Internal monitoring committee.</p> <p>4.Worked as a member of admission committee.</p> <p>5.Worked as a member of RAC committee.</p> |
|--|--|---|
- 1.Nil

15 Shri.Kakade Reonnath Babanrao, Lecturer in Electrical Engineering.

- |  |  |   |  |
|--|--|---|--|
| <p>1.Member of Great Man Anniversary &amp; Death Anniversary Committee.</p> <p>2.D.C. Incharge.</p> <p>3.R.A.C. Member.</p> <p>4.Electrical Maintenance officer.</p> | <p>1.Security Incharge Officer.</p> <p>2.D.C. Incharge.</p> <p>3.R.A.C. Member.</p> <p>4.College Electrical Maintenance officer.</p> <p>5.Member of Great Man Anniversary Committee.</p> <p>6.Member of Ganesha Immersion Committee.</p> | <p>1.Security Incharge Officer.</p> <p>2.D.C. Incharge.</p> <p>3.R.A.C. Member.</p> <p>4.College Electrical Maintenance officer.</p> <p>5.Incharge Great Man Anniversary Committee.</p> <p>6.Member of Ganesha Immersion Committee.</p> | <p>1.Security Incharge Officer.</p> <p>2.Training and Placement Officer.</p> <p>3.D.C. Incharge.</p> <p>4.College Electrical Maintenance officer.</p> <p>5.Incharge Great Man Anniversary Committee.</p> <p>6.Member of Ganesha Immersion Committee.</p> |
|--|--|---|--|

16 Ms Nivedita Bharat Khadke, Lecturer in Chemistry, Science Dept.

- |              |              |  |  |
|--------------|--------------|--|--|
| <p>1.Nil</p> | <p>1.Nil</p> | <p>1.Team Member in Admission -2018</p> <p>2.Team Member in winter -2018 Exam</p> <p>3. Team Member in Online Winter - 2018 Exam.</p> <p>4.Night Warden for Hostel</p> | <p>1.Team Member in Admission -2019</p> <p>2.Team Member in summer -2019 Exam</p> <p>3. Team Member in Online Winter - 2019 Exam.</p> <p>4.Night Warden for Hostel</p> |
|--------------|--------------|--|--|

17 Smt.Kotalkar Ranjita V, Lecturer in Physics, Science Dept.

1.Hostel Warden	1.Hostel Warden	1.Hostel Warden	1.Hostel Warden
	2.Nodal Officer	2.Nodal Officer	2.Nodal Officer
2.Admission Committee Member	3.Admission committee Member	3.Admission committee Member	3.Baseline Co-Ordinator.
	4.Admission committee Member	4.Admission committee Member	

18 Smt.Chincholkar Shital, Lecturer in Electronics and Communication

1.Direct Second Year Diploma Admission Committee 2016-2017 Co-ordinator resposibility performed successfully.	1.Direct Second Year Diploma Admission Committee 2017-2018 Co-coordinator resposibility performed successfully.	1.Direct Second Year Diploma Admission Committee 2017-2018 Co-coordinator resposibility performed successfully.	1.Department NBA Prequalifer compiled and filled online.
2.First Year Diploma Admission Committee 2016-2017 original document verification resposibility performed successfully.	2.MSBTE Summer-2017 Theory Exam Sealing Supervisor resposibility performed successfully.	2.ET and MU department students warden duties performed successfully.	2.NBA criterion 2 work completed 100 %
3.MSBTE Winter -2016 Theory Exam Sealing Supervisor resposibility performed successfully.	3.IEDSSA-2018 Table Tennis committee Head resposibility performed successfully.	3.For DDGM department Second Internal Monitoring Committee member duty performed successfully.	3.NBA criterion 3 CO- PO mapping and CO attainment work completed.
4.MSBTE Summer -2017 Theory Exam Sealing Supervisor resposibility performed successfully.	4.Second year students hostel "Nandanvan" warden duty performed successfully.	4.Annual Cultural Program Dance Committee member resposibility performed successfully.	4.MSBTE Wnter-2019 Theory Exam Internal Squad Head resposibility performed successfully.
5.For Winter-2016, Summer-2017 RAC Assessor and Moderator duties performed successfully.	5.For Science department Second Internal Monitoring Committee member duty performed successfully.	5.Department Write-off resposibility performed successfully.	5.ET department students warden duties performed successfully.
6.IEDSSA-2017 Table Tennis committee Head resposibility performed successfully.	6.MSBTE Winter-2017 Theory Exam Hall Supervisor duties performed successfully.	6.Science department stock verification duty completed successfully.	6.IEDSSA-2018 Volley ball committee Head resposibility performed successfully.

7.ET department students warden duties performed successfully.	7.For Winter-2017, Summer-2018 RAC Assessor and Moderator duties performed successfully.	7.One expert Lecture organised for department students successfully 1. "Tele Communication Technologies" by Mr. Sandip S. Shastri Junior Telcom Officer, Bharat Sanchar Nigam Limited,Latur	7.For CO department Second Internal Monitoring Commette member duty performed successfully.
8.DDGM department stock verification duties completed successfully.	8.I- Scheme Curriculum Implementation Program Committee member duties performed successfully.	8.For RAC Winter-2018,Summer-2019 performed duties of Assessor and Moderator successfully	8.Health Camp program committee member duties performed successfully.
9.Department Academic Co-ordinator resposibility completed successfully.	9.Annual Cultural Programm Dance Committee member resposibility performed successfully.	9.Department laboratory -1 Lab- Incharge resposibility performed successfully.	9.Annual Cultural Programm Dance Committee member resposibility performed successfully.
10.Two Industrial visits duties for department students performed successfully 1. Malwadkar Write-off resposibility performed Agency , MIDC,Latur , 2. successfully. Mahanand Milk Dairy, MIDC,Latur	10.Departmrnt all laboratories 1. Malwadkar Write-off resposibility performed Agency , MIDC,Latur , 2. successfully.	10.MSBTE External OR/PR Examiner duties completed successfully.	10.Electronics AND Comm. Engg. Department ALUMNI MEET -2019 program Co-coordinator duties performed successfully.
11.One expert Lecture organised for department students successfully 1. Image Processing by Dr. K.M. Bakwad, HOD Electronics Engg. Dept. P.L.G.P,Latur.	11.Six Industrial visits duties for department students performed successfully 1. Sunrich Aqua plant, MIDC Latur 2. Nana Gas Plant, MIDC, Latur 3. TV receiving Center, Osmanabad 4. All India Radio, Osmanabad 5. Latur Cable Network,Latur 6. Uma udyog,MIDC,Latur	11.MSBTE External OR/PR Examiner duties completed successfully.	11. Two expert Lecture organised for department students successfully 1." Artificial Intelligence" by Mr. Ishwar H. Chincholkar Software Engineer, Nuance Communication,Pune 2. "STEP" by Mr.B. Ganesh Director,Thought works Technology Pvt.Ltd, Pune
12.For RAC Winter-2016,Summer-2017 performed duties of Assessor and Moderator successfully	12.One expert Lecture organised for department students successfully 1." Day to Day Economics" by Dr. S.S. Kondekar School of Economics, S.R.T.M.University, Extension center, Latur	12.One Industrial visits duties for department students performed successfully 1. BSNL ,latur	One Industrial visits duties for department students performed successfully 1. Arty OffSet,MIDC,latur

13.MSBTE External OR/PR Examiner duties completed successfully.	13.MSBTE External OR/PR Examiner duties completed successfully.	12. Department Sessional Test Co-ordinator responsibility completed successfully.
14.Department laboratory -1 Lab- Incharge responsibility performed successfully.	14.Department laboratory -1 Lab- Incharge responsibility performed successfully.	13.Department received equipments /kits testing duty completed successfully.

19 Smt. Yardi Seema Dipak, Sr. Lecturer in Electronics and Communication

Nil	Rector [ 03 Hostels with 700 girl resident students ]	Rector [ 03 Hostels with 700 girl resident students ]	Rector [ 03 Hostels with 700 girl resident students ]
	Safety, health, hygiene care [since 23/03/2018]	Safety, health, hygiene, care, festivals	Safety, health, hygiene, care, festivals
	Water supply, Maintenance of Hostels and premises	Water supply, Maintenance of Hostels and premises	Water supply, Maintenance of Hostels and premises
	Counselling of students	Counselling of students, personality development programs [04]	Counselling of students, personality development programs [09]
	Counselling of students before exams	Counselling of students before exams	Counselling of students before exams
	Internal Exam Squad In-charge		Officer in-charge Winter- 19 Theory exam
	External flying squad member [S-18]	Sessional in-charge [EVEN sem]	Co-ordinator: Solar lamp Assembly Workshop, organized by IIT Bombay
		IEDSSA Zone 2 Sports at GP Hingoli	Co-ordinator: IOT using Arduino workshop
		IEDSSA Inter Zonal residence arrangement for 500+ girls, team members	NBA Criteria 7
		02 Karate Camps Phase I [100+]	[11 Days]

Phase II [70+]

trained

Studied 02 NPTEL Courses [08 week  
and 12 week ]

MOUs with two industries

Presiding Officer [Election Duty]

19 Shri Abhay Dipak Ambure , Lecturer in Computer Engineering.

Nil

NII

Nil

1.Co-ordinator :On line class  
test.

2.Co-ordinator :On line theory  
examination

3.Co-ordinator : Baseline  
test ( MSBTE)

4.Co-ordinator: COMET  
website.

5. Worked as a Incharge  
registrar.

6.Worked as a academic  
dispute committee member.

20 Smt. Anuradha Narayana Rao Yadav , Lecturer in Dress designining and garment Manufacturing.

1.I/C Head of Department

1.I/C Head of Department

1.I/C Head of Department

1.I/C Head of Department

2.RAC Officer in charge

2.RAC Officer in charge

2.RAC Officer in charge

2.RAC Officer in charge

3.Admission Officer in  
charge

3.Admission Officer in charge

3.Admission Officer in charge

3.MSBTE paper setter

4.MSBTE paper setter

4.MSBTE paper setter

4.MSBTE paper setter

**B.Specify the mechanism and composition of the grievance redressal cell including Anti Ragging Committee & Sexual Harassment**

### **Committee (03)**

**Grievance redressal committee** is working to resolve the problems of Students. Various issues of students related to Academics, Health and Hygiene, Drinking Water problems, etc are considered on priority basis and the problems in this regard are solved as soon as possible. Student grievances and councelling committee is formed as shown in below office order.



शासकीय नियासी महिला तंत्रनिकेतन, लातूर

GOVT. RESI. WOMEN'S POLYTECHNIC,

BARSHI ROAD, LATUR- 413 531

Tel (02382) 221184 (O), 221175 (P), Fax- 02382-221175

E-mail : office.grpplatur@dtetmaharashtra.gov.in, 0136principal@msbte.com,

DTE Code No.:2016 0136office@msbte.com MSBTE Code No.:0136

Office Order

Outward No.Est/2019/1010B

Date- 02/07/2019



Student Grievance and Counseling Committee

Following committee is reframed and will come into effect from dated on 02-07-2019.

Sr. No	Name	Designation	Contact	Email Id	Position
1	Dr. S.D.Yardi	Lecturer in Electronics /Rector	9819851259	seemady@gmail.com	Chairman
2	Ms.R.D.Kasar	Lecturer in Computer/ Warden	9422070017	rupalikasar1@gmail.com	Member
3	Mrs.S.A.Hartalkar	Lecturer in Medical Electronics/ Warden	9422641036	bestsonali@rediffmail.com	Member
4	Mrs.A.S.Bhandare	Lecturer in Electronics/ Warden	7588389382	anitabhandare@rediffmail.com	Member
5	Mrs.R.V.Kotalkar	Lecturer in Physics /Warden	8888882802	ranjitswaghmare@rediffmail.com	Member
6	Mrs.A.S. Patil	Lecturer in Computer/ Warden	7038944434	ajitapatil89@gmail.com	Member

[Dr.A.M.Agarkar]

Principal

Govt. Residential Women's Polytechnic  
Latur

Copy to -Concerned Members for information.

Student counseling cell is formed as shown in below office order.



शासकीय निवासी महिला तंत्रज्ञानकेतन, लातूर

GOVT. RESI. WOMEN'S POLYTECHNIC,

BARSHI ROAD, LATUR- 413 531

Tel (02382) 221184 (O), 221175 (P), Fax- 02382-221175

E-mail : office.grwplatur@dtuemaharashtra.gov.in, 0136principal@msbte.com,

DTE Code No.-2016 0136office@msbte.com MSBTE Code No.-0136

Office Order



Outward No.Est/2019/1010H

Date- 01/07/2019

### Students' Counseling Cell

Ref:- AICTE Process Handbook 2019-20.

Students' Counseling Cell at institute level is formed with effect from 01-07-2019.

Sr. No	Officers Name	Designation	Name of the Post in committee
1.	Dr.A.M.Agarkar	Principal	Chairman
2.	Dr.S.D.Yardi	Lect.in Electronics & Rector	Secretary
3.	Mrs.A.N.Yadav	Lect.in DDGM	Member
4.	Ku.R.D.Kasar	Lect.in Computer	Member
5.	Mrs.R.V.Mahagaonkar	Lect.in Electronics	Member
6.	Mrs.S.A.Hartalkar	Lect.in Medical Electronics	Member
7.	Mrs.R.V.Kotalkar	Lect.in Physics	Member
8.	Mrs.S.S.Shirallu	Lab Assistant	Member
9.	Ms. Akshata Garad	Third Year Student (MU)	Member
10.	Ms. Supriya Dhotre	Third Year Student (ET)	Member
11.	Dr.Priti V Reddy	Medical Practitioner	Medical Counsellor

[Dr.A.M.Agarkar]

Principal

Govt. Residential Women's Polytechnic  
Latur

Copy to -Concerned Members for information.

### **Anti-Ragging Committee:**

As per prohibition of ragging act 1999 Institute is taking due care to Prohibit the ragging of the students. An anti-ragging committee has

Formed to take care of this issue.

Anti ragging committee is shown in below office order.



शासकीय निवासी महिला तंत्रनिकेतन, लातूर

GOVT. RESI. WOMEN'S POLYTECHNIC,  
BARSHI ROAD, LATUR- 413 531

Tel (02382) 221184 (O), 221175 (P), Fax- 02382-221175  
E-mail : office.grwplatur@dtetmaharashtra.gov.in, 0136principal@msbte.com,  
DTE Code No.:2016 0136office@msbte.com MSBTE Code No.:0136

Office Order

Outward No.Est/2019/1010-F  
Date- 02/07/2019



#### Anti-Ragging Committee

Following committee is reframed and will come into effect from dated on 02/07/2019

Sr. No	Name	Designation	Contact	Email Id	Position
1	Dr.A.M.Agarkar	Principal	9422882156	ajayagarkar@rediffmail.com & 0136principal@msbte.com	Chairman
2	Dr.S.D.Yardi	Hostel Rector	9819851259	seemady@gmail.com	Secretary
3	Mr. A.S.Laturkar	HOD (Electronics & Comm)	9422964545	aslaturkar14@gmail.com	Member Secretary
4	Mrs. A.N.Yadav	I/C HOD DDGM	942057168	anu.kachare@rediffmail.com	Member
5	Dr. Kusumta More	Retd. Principal, Jaikranti College, Latur	9422016608	kusummore@gmail.com	Member
6	Mr.Santosh Shinde	Sub-Editor, Punyanagari, Latur Local Media Representative	9975595337	sshinde.punya@gmail.com	Member
7.	Miss. Aishwarya Solunke	Student Representative (Senior)	9049386095	solunkaeaisjwaryasuresh@gmail.com	Member
8	Miss. Pratibha Gund	Student Representative (Fresher)	8308465677	gundpratibha49@gmail.com	Member
9.	Dr. Nandkumar Solunke	Parents Representative	9423349213	dr.solunke2016@gmail.com	Member

[Dr.A.M.Agarkar]

Principal

Govt. Residential Women's Polytechnic  
Latur

Copy to – Concerned Members for information.

Anti ragging Squad committee is shown in below office order.



शासकीय निवासी महिला तंत्रनिकेतन, लातूर

GOVT. RESI. WOMEN'S POLYTECHNIC,  
BARSHI ROAD, LATUR- 413 531

Tel (02382) 221184 (O), 221175 (P), Fax- 02382-221175  
E-mail : office.grwplatur@dtcmaharashtra.gov.in, 0136principal@msbte.com,  
DTE Code No.:2016 0136office@msbte.com MSBTE Code No.:0136



Office Order

Outward No.Est/2019/1010D  
Date- 02/07/2019

Anti-Ragging Squad

Following committee is reframed and will come into effect from dated on 02-07-2019.

Sr. No.	Name	Designation	Contact	Email Id	Position
01	Dr. A.M. Agarkar	Principal	9422882156	ajayagarkar@rediffmail.com	Chairman
02	Mr. A.S.Laturkar	HOD Electronics	9422964545	astlaturkar14@gmail.com	Senior Faculty Member
03	Mr. C.K.Dhulgunde	Lecturer in Mathematics	9766432425	ckdhulgunde@gmail.com	Senior Faculty Member
04	Mrs. R.V.Mahagaonkar	Lecturer in Electronics/ Alternative Hostel Rector	8208952784	renuka2209@gmail.com	Member
05	Ms.N.B.Khadke	Lecturer in Chemistry/ Warden	9881153705	nivi.khadke@gmail.com	Member Secretary
06	Mrs. A.P. Ghode	Lecturer in Electronics/ Warden	9763354003	anita.ghode@rediffmail.com	Member

[Dr.A.M.Agarkar]

I/C Principal

Govt. Residential Women's Polytechnic  
Latur

Copy to -Concerned staff Members for information.

**Women Grievance redressal committee:**

This committee takes care of various issues related to the girls students and Women employees of the Institute.

Vishakha committee will take care of all issues related with the students and Women employees is shown in below office order.



## शासकीय निवासी महिला तंत्रनिकेतन, लातूर

GOVT. RESI. WOMEN'S POLYTECHNIC,

BARSHI ROAD, LATUR - 413 531

Tel (02382) 221184 (O), 221175 (P), Fax- 02382-221175

E-mail : office.grwplatur@dtmh.maharashtra.gov.in, 0136principal@msbte.com,

DTE Code No.:0136 0136office@msbte.com MSBTE Code No.:0136



Office Order

Outward No.Est/2018/998

Date- 21/06/2018

### Vishakha Committee

Following committee is reframed and will come into effect from dated on 21/06/2018

Sr.No	Name	Designation	Contact	Position
1	Dr. A. M. Agarkar	Principal	9422882156	Chairman
2	Dr. S. D. Yardi	Lecturer in Electronics & Hostel Rector	9819851259	Member Secretary
3	Mrs. R. V. Mahagaonkar	Lecturer in Electronics & Deputy Rector	9422023737	Member
4	Mrs. Prema Reddy	NGO Representative	9421373215	Member
5	Ms. M. G. Mulge	Lecturer in Computer	9325568028	Member
6	Mrs. S. N. Shinde	Lecturer in DDGM	9422028682	Member
7.	Mr. A. R. Hasorikar	Lecturer in English	7588813290	Member
8	Mr. C. K. Dhulgunde	Lecturer in Maths	9766432425	Member
9.	Ms. S. J. Doifode	Senior Clerk	9420375059	Member

[Dr.A.M.Agarkar]

Principal

Govt. Residential Women's Polytechnic

Latur

Copy to – Concerned Members for information.

SC-ST cell is formed in the institute to take care of all related problems is shown in below office order.



शासकीय निवासी महिला तंत्रनिकेतन, लातूर

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DTE Code No.:2016 0136office@msbte.com MSBTE Code No.:0136

Office Order



Outward No.Est/2019/1010C

Date- 02/07/2019

SC-ST Cell Member Committee

Following committee is reframed and will come into effect from dated on 02-07-2019.

Sr. No.	Name	Designation	Position held in SC-ST Cell
01	Dr. A.M. Agarkar	Principal	Chairman
02	Mr.V.D.Nitnaware	HOD (Mechanical Engg.) PLGP, Latur	Member
03	Smt. J.C. Hadoltikar	Lecturer in Electronics Representative of SC Teaching (PLGP Latur)	Member
04	Mrs. R.V. Kotalkar	Lecturer in Physics (Representative of ST Teaching)	Member
05	Mrs. A.P. Ghode	Lecturer in Electronics Ladies Representative	Member
05	Mr. S.V. Kawade	Representative of SC Non-Teaching	Member
06	Mr. V.N.Wyawhare	Asst. Librarian	Member Secretary
07	Mr. A.H.Naik	Representative of ST Non-Teaching	Member

[Dr.A.M.Agarkar]

Principal

Govt. Residential Women's Polytechnic  
Latur

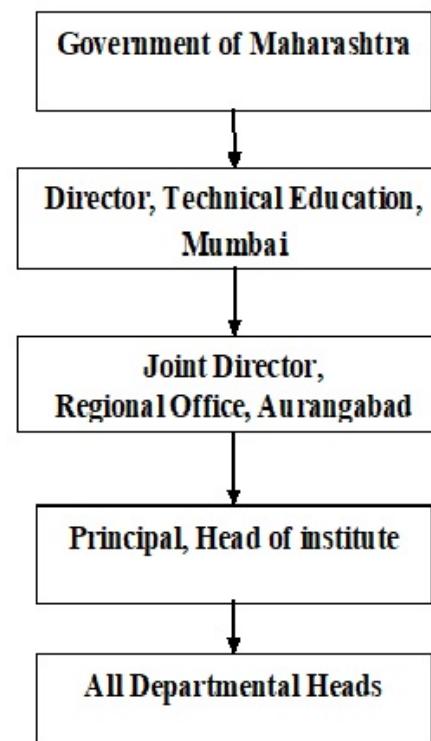
Copy to – Concerned staff Members for information.

#### A. Demonstrate the utilization of financial powers for each of the assessment years (05)

As per the Government of Rules and Regulation Principal of the Institute is authorized to work as Drawing and Disbursing officer. Financial powers are retained with him only. In case of continuous absence of Principal for longer duration because of official or personal reason In charge Principal may be authorized to take the financial charge with due consent and orders from higher authorities of Directorate of Technical Education.

The Head of the Departments and relevant in charges are entrusted to work for minor works in the department with prior consent of the Principal.

Government has delegated financial and administrative powers to various authorities at different levels which is shown in below flowchart.



**9.1.5 Transparency and availability of correct/unambiguous information in public domain (5)**

Institute Marks

5.00

**A. Information on the policies, rules, processes is to be made available on website (2)**

Institute keeps transparency in all administrative and academic functions by providing information on institute website [www.grwpl.gov.in](http://www.grwpl.gov.in) (<http://www.grwp.gov.in>) and by issuing office notices, circulars and conducting meetings at various levels.

Information about policies, rules, processes are available on official website [www.dtemaharashtra.gov.in](http://www.dtemaharashtra.gov.in) (<http://www.dtemaharashtra.gov.in>) of Government of Maharashtra.

The staff members and students are informed about academics and their responsibilities through circulars and notice board.

**B. Dissemination of the information about student, faculty And staff (03)****Right to Information Act 2005 (RTI)**

The institute/ Programme information is available on the institute website.

Information related to Right to Information Act, 2005 is displayed on

Institute notice board and on Institute website. Information cell under Right

To Information Act, 2005 is established in the Institute and is working as

Per Government rules and regulations. .

The office order constitutes of following Members:

Sr.No.	Name of Faculty	Designation	Post
1	Dr. A M Agarkar	Principal	Appellate officer
2	Mr. P M Kudale	Lecturer	Information Officer
3	Mrs Lakhadive	Lab Asst.	Assistant Information Office

Citizen charter is a list of facilities and services rendered by the institute with standards and time limit for providing such facility and services to general public. Initiative for displaying citizen charter is a response to the quest for solving the problems which a citizen encounters, while dealing with institute providing public services, which emphasized in good governance are transparency, accountability and responsiveness of the administration.

- Results of students are made available on website.
- List of Faculties and Staff along with designation is available on website.
- E-tenders/E-magazine/Newsletter/Latest activities and Workshops links are made available on website.

Total Marks 10.00

## **9.2 Budget Allocation, Utilization, and Public Accounting at Institute level (10)**

### **Summary of current financial year's budget and actual expenditure incurred(for the institution exclusively)in the three previous financial years**

Summary of the current financial year's budget and actual expenditure incurred (for the institution exclusively) in the three financial years.

The annual budget is allotted to the institute as per demand Budget of institute following norms and guidelines of State Government of Maharashtra.

The sanctioned budget is utilized for the purpose for which it is allotted according to the financial Rules of the State Government of Maharashtra. financial powers are delegated with the Head of institute and Directorate of Technical Education Maharashtra. The audit of the utilized grants is done by authorized agencies nominated by the state Government.

**Table 1 - CFYm1 2018-19**

Total Income 65939407				Actual expenditure(till...): 62196532			Total No. Of Students 867
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
3742875	62196532	0		58619477	3577055		71737.64

**Table 2 - CFYm2 2017-18**

Total Income 60446506				Actual expenditure(till...): 57702478			Total No. Of Students 827
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
2744028	57702478	0		55220108	2482370		69773.25

**Table 3 - CFYm3 2016-17**

Total Income 54546352				Actual expenditure(till...): 49413506			Total No. Of Students 840
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
5132846	49413506	0	0	48890109	523397	0	58825.60

**9.2.1 Adequacy of Budget Allocation (4)**

Institute Marks

4.00

Details of budget allocated for last four years is shown in following table.

The expenditure is done to fulfill the requirements of implementation of curriculum and also to undertake modernization and removal of obsolesces.

Financial Year	Total Budget Sanctioned		Actual Expenditure	
	Non Recurring	Recurring	Non Recurring	Recurring
2019-20	1332560	64627366	1332560	64627366
2018-19	3577055	58619477	3577055	58619477
2017-18	2482370	55220108	2482370	55220108
2016-17	523397	48890109	523397	48890109

#### 9.2.2 Utilization of allocated funds (4)

Institute Marks

4.00

In the last four years, the entire allocated fund is fully utilized.

#### 9.2.3 Availability of the audited statements on the institute's website (2)

Institute Marks

2.00

The audited statement is available with CA/AG, also with the account department in the Institute. The audited statement is also available on Institute website.

### **9.3 Department Specific Budget Allocation, Utilization (5)**

Total Marks 5.00

According to the policy of the State government of Maharashtra Budget is allotted to the institute and not to program specifically. The plan & non Plan funds are sanctioned to the institute according to the annual budget submitted to the government.

The program specific requirements are forecasted and included in the budget for the fund allotment. As the budget allotted Institute wise, utilization is considered at institute level.

**Table 1 :: CFY 2019-20**

Total Budget 7865847		Actual expenditure (till...): 7865847	
Non Recurring	Recurring	Non Recurring	Recurring
0	7865847	0	7865847

**Table 2 :: CFYm1 2018-19**

Total Budget 9809898		Actual expenditure (till...): 9809898	
Non Recurring	Recurring	Non Recurring	Recurring
2593950	7215948	2593950	7215948

**Table 3 :: CFYm2 2017-18**

Total Budget 7233846		Actual expenditure (till...): 7233846	
Non Recurring	Recurring	Non Recurring	Recurring
0	7233846	0	7233846

**Table 4 :: CFYm3 2016-17**

Total Budget 5958024		Actual expenditure (till...): 5958024	
Non Recurring	Recurring	Non Recurring	Recurring
87600	5870424	87600	5870424

**9.3.1 Adequacy of Budget Allocation (2)**

Institute Marks

2.00

The institutional budget is sanctioned according to the budget submitted to the Directorate of Technical Education and State Government. Also there is a provision, to submit revised budget if additional funds required. The budget submitted for the year is based on factual requirements of the institute as per the guidelines. The sanctioned budget is adequate for the expenditure of the concerned financial year.

<b>9.3.2 Utilization of allocated funds (3)</b>	Institute Marks
	3.00

The sanctioned budget is utilized for the purpose for which it is sanctioned and following the financial Rules of the State Government of Maharashtra, and the financial powers delegated as well as vested with the Head of institute.

<b>9.4 Library and Internet (20)</b>	Total Marks 20.00
(It is assumed that zero deficiency report was received by the institution, Effective availability and utilization to be demonstrated)	
<b>9.4.1 Quality of learning resources (hard/soft) (10)</b>	Institute Marks

10.00

#### A) Relevance of available learning resources including e-resources

Learning resources including e-resources are available in the central Library with 14775 numbers of volumes in the Institute for study and reference purpose for students, faculty and staff. All these learning resources are useful for the access current events of engineering and technology gaining information, knowledge, acquiring skills and to enhanced thinking and analysis capabilities of the learner. These resources are also useful to improve independent study techniques, developing their life skills and to develop over all personality of learner. The resources available are from well-known reputed national and international publishers , authors , manufacturers e.g. Prentice hall, McGraw Hills , CRC press , Oxford university press , Tata- McGraw Hills, S Chand , Khanna publications etc. The details of which are given in below table.

Table 9.4.1 Learning Resources available last three academic Years.

SR.NO	Learning Resources	2019-20	2018-19	2017-18	2016-17	Total
1	Books(Text books &Reference books)	14775	14656	14569	13489	14775
2	Journals/Periodicals	18	11	11	11	51

#### Investment of learning resources upto 08.07.2020

Sr.No.	Learning Resources	Total Cost

1	Printed resources a) Books	Rs 4418351/-
2	Printed resources b) Journals/Magazines (Jan.2019 to Dec.2019)	Rs 42500/-
3	Non Printed resources ( DELNET membership )	Rs 19470/-
	<b>Total</b>	Rs 4480321/-

#### B) Accessibility to students

- The facility of open access is available to all students, faculty and staff in the library.
- Students are given access to e-resources through ( DELNET membership )

#### Library Borrowers Issuing Ratio:

- 01 book per student per week.

#### Library Working :

Timings:9.45am to 5.45 pm

Week days: Except Sundays and holidays as per Maharashtra Government.

#### Other Facilities available in Library :

- Reading Room Facility
- Reference section
- Study Room
- e-resources through ( DELNET membership )
- Digital library in progress

#### 9.4.2 Internet (10)

Institute Marks

10.00

Name of the Internet provider	BSNL Latur
Available band width	100 mbps
WiFi availability	Yes
Internet access in labs, classrooms, library and offices of all Departments	Yes
Security arrangements	No separate security

#### 9.5 Institutional Contribution to the Community Development (5)

Total Marks 5.00

## 9.5 Institutional Contribution to the Community Development/ Go-green (05)

**Community Development through Polytechnic Scheme (CDTP)**

(Sponsored by MHRD, Govt. of India)

CDTP scheme envisages providing non formal, short term, employment oriented skill development programmes, through AICTE approved Polytechnics,to various sections of the community, particularly the rural, unorganized & sections of the society, to enable them to obtain gainful self / wage employment.

**Details of Training Conducted During the year : 2016-17**

Sr.No	Name of Training program conducted	Duration of Training (In Weeks)	Place Of Training Conducted	Number of Participants	Training Organizer	Name of Trainer
1	2	3	4	5	6	7
1	Fashion Designing	12	Inamwadi Ta Nilanga Dist Latur	20	Govt Resi Women's polytechnic latur	Smt. prayanka suresh Gobade
2	Fashion Designing	12	Aanandwadi Ta. Shirur Anantpal Dist. Latur	21	Govt Resi Women's polytechnic latur	Smt. Jayshree ManshingKasbe
3	Basic Computer	12	Rapka	18	Govt Resi Women's polytechnic latur	
Total	3	36		59		

**Details of Training Conducted During the year : 2017-18**

Sr.No	Name of Training program conducted	Duration of Training (In Weeks)	Place Of Training Conducted	Number of Participants	Training Organizer	Name of Trainer

1	2	3	4	5	6	7
1	Basic Computer	12	Dapka (TANDA) Dist Latur	20	Govt Resi Women's polytechnic latur	Smt. Mukta Bibishan Bansode
2	Beauty Parlor& Hair dressing	12	Shirur Anantpal Dist. Latur	20	Govt Resi Women's polytechnic latur	Smt. B.P. Shendre
3	Garment Designing	12	Rapka	25	Govt Resi Women's polytechnic latur	Smt. Chaya Tulshiram Gargatte
4	Fashion Designing(Handwork)	12	Aanandwadi Ta. Shirur Anantpal Dist. Latur	20	Govt Resi Women's polytechnic latur	Smt. Jayshree Manshing Kasbe
5	DTP Computer	12	Panchincoli Ta.Nilanga Dist Latur	21	Govt Resi Women's polytechnic latur	Mr.Ganesh Bhosle
Total	5	60		106		

**Details of Training Conducted During the year: 2018-19**

Sr.No	Name of Training program conducted	Duration of Training (In Weeks)	Place Of Training Conducted	Number of Participants	Training Organizer	Name of Trainer
1	2	3	4	5	6	7
1	Computer Hardware	12	Panchincoli Ta.Nilanga Dist Latur	13	Govt Resi Women's polytechnic latur	Mr.Ganesh Bhosle
2	Beautician & Hair dressing	12	Arvi Dist. Latur	21	Govt Resi Women's polytechnic latur	Smt. Vasudha Adsule

3	Baratkam (Handwork)	12	Banegoan Ta.Ausa Dist.Latur	19	Govt Resi Women's polytechnic latur	Smt. Tor
4	Fashion Designing	12	Aanandwadi Ta. Shirur anantpal Dist. Latur	22	Govt Resi Women's polytechnic latur	Smt. Jayshree Manshing Kasbe
5	Fashion Designing	12	Aanandwadi Ta. Shirur Anantpal Dist. Latur	20	Govt Resi Women's polytechnic latur	Smt. Jayshree ManshingKasbe
6	Basic Computer	12	Panchincoli Ta.Nilanga Dist Latur	18	Govt Resi Women's polytechnic latur	Mr.Ganesh Bhosle
7	Beauty Parlor	12	Arvi Dist. Latur	21	Govt Resi Women's polytechnic latur	Smt. Vasudha Adsule
8	Fashion Designing	12	Shindijawalga Ta Ausa Dist. Latur	21	Govt Resi Women's polytechnic latur	Smt. Malan Dilip Gholap
9	Beauty Parlor	12	Keshavnagar Dist Latur	16	Govt Resi Women's polytechnic latur	Mr.vandna sugriv Gaikwad
10	Advance Corse In Fashion Technology	12	Aanandwadi Ta. Surur Anantpal Dist. Latur	22	Govt Resi Women's polytechnic latur	Smt. Jayshree Manshing Kasbe
11	Micron Work	04	Aanandwadi Ta. Shirur Anantpal Dist. Latur	15	Govt Resi Women's polytechnic latur	Smt. Jayshree Manshing Kasbe

12	Micron Work	04	Arvi Ta Latur Dist Latur	13	Govt Resi Women's polytechnic latur	Smt.Vasudha Adsule
13	Fashion Designing	12	Haribhau Nagar Latur	21	Govt Resi Women's polytechnic latur	Smt.Jyoti Markade
14	Fashion Designing	12	Himayat Nagar Latur	20	Govt Resi Women's polytechnic latur	Smt.Ayesha Pathan
15	Beautician & Hair dressing	12	Gandhi Nagar Latur	20	Govt Resi Women's polytechnic latur	Smt.Aruna Diggikar
16	Fashion Designing	12	Prakash Nagar Latur	20	Govt Resi Women's polytechnic latur	Smt. Mina Kulkarni
17	Advance Corse In Fashion Technology	12	Aanandwadi Ta. Shirur Anantpal Dist. Latur	21	Govt Resi Women's polytechnic latur	Smt. Jayshree Manshing Kasbe
Total	17	188		323		

**Conduction of CDT course:**

**माकणी येथील बी.एस.एस.कॉलेजमधील  
मुलींसाठी कॅशन डिझाईन कोर्सची सुरुवात**



लोहारा, (प्रतिनिधि ):-  
लोहारा लालुक्यालील माकणी  
येथील बी.एस.एस.कॉलेज, विजान  
आणि वाणिज्य महाविद्यालयात  
अंतरराष्ट्रीय महिला दिनाचिंमित  
मुलींसाठी कॅशन डिझाईनिंग  
प्रमाणपत्र कोर्सची सुरुवात  
करण्यात आली.

काळजुनी डेहलपर्सेट प्रोफ्राम  
अंतर्गत 'मुलींसाठी कॅशन' लंबा  
नियेतान महाविद्यालय, लालुर व  
बी.एस.एस.कॅशन, माकणी'  
यांच्या लंबुत विद्यमाने  
अंतरराष्ट्रीय महिला दिनाचे  
आंचित्र वाबल रुबावल वी  
रा जगार वाबल रुबावल वी

कॅशन डिझाईनच्या मुलींच्या अगी  
महाविद्यालयाच्या मुलींच्या अगी  
व्यवसाय कौशल्य विकसित  
कॅशन डिझाईन  
महाविद्यालयात वाच्यात विजान  
डिझाईनच्या प्रमाणपत्र कोर्सची  
सुरुवात करण्यात आली.

या कालजुनी प्रमाणपत्र डॉ.एव.एन.रेडे,  
महिला सबलीकरण काकाच्या  
सम्बन्ध्याक प्रा.सौ.आर.सु.चांदें,  
प्रशिकाक रसी. प्रा.सुवर्णा शिंदे  
मेडम, अदिनी उपस्थित राहुन  
मुलींना या कौशल्य विकास  
प्रमाणपत्र कोर्सची महाविद्या  
लयाच्या संगिताले.



**Social Programmes Conducted by Institute:**

**1) Tree Plantation:**

- Nodal Institute for Tree Plantation:** This institute is appointed as nodal institute for Tree plantation in Pharmacy college of Latur district. This institute has achieved the proposed target of Tree plantation from last three years.

S.N.	Institute Name	Year of Tree Plantation	Target	Number of Planted Tree	Number of Alive Trees	% of Alive Trees
1	GRWP Latur	2016	1500	1500	975	65%
2	GRWP Latur	2017	750	750	600	80%
3	GRWP Latur	2018	1500	1500	1050	70%

4	GRWP Latur	2019	12200	12200	9150	75%
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## 2) ECO CLUB:

Eco club empowers the students to participate and take up meaningful environmental activities and projects. It is a forum through which students can aware about environment. It will empower students to explore environmental concepts and actions beyond the confines of a syllabus or curriculum.

Institute has established ECO CLUB with following objectives.

- Adoption of Energy Conservation techniques by young generation
- Planning and implementation for Renewable Energy techniques
- Innovative projects with reference Energy Conservation and Environmental issues.
- Motivate the students to keep their surroundings green and clean by undertaking plantation of trees.
- Motivate students to imbibe habits and life style for minimum waste generation and disposing the waste to the nearest storage point.
- Create awareness among the students to minimize the use of plastic bags and aware about 4R.
- Organize tree plantation programmes, awareness programmes such as Quiz, essay, rallys, etc. regarding various environmental issues.

### Activities conducted by ECO CLUB:

Tree plantation at Nagzari ,Latur in collaberation with ART OF LIVING .



- Tree plantation at Institute with NGO



- **Swaccha Bharat Abhiyan:** Cleaning of Classrooms, college campus.





- Awareness programme on Hand cleaning and Sanitzation method

### 3) Energy Conservation Skill Development:

- Adoption of Energy Conservation techniques by young generation
- Planning and implementation for Renewable Energy techniques
- Innovative projects with reference Energy Conservation and Environmental issues.
- Pogrammee on Energy Audit.
- District level Competition on "Urja Bachat ani Urja sawardhan" in coordination with MEDA.



**4) Awareness about Fitness and importance of Walking for health:**

The students of DDGM department has contributed in WALKATHON at the day of Shiv Jayanti program by walking 5kms in traditional dressing of Jijamata.



**5) Water Conference:**

Two days Water conference was held by Municipile Corporation in our college campus.



#### 6) MSBTE Career Fair Organized/Participated:

Career Fairs provides an opportunity to the students to know various career options available after Diploma courses.

- Expert lectures to motivate the students for future Career.
- Visiting schools to make presentation about technology courses/careers and admission process .



#### 7) Contribution to Society and Community:

The Girl's cooperative mess donated Cheque of INR 51000/-for social contribution to the people in distress in the state of Maharashtra as well as in the country.



## महिला तंत्रनिकेतनची ५१ हजारांची मदत

**लातूर :** मराठवाड्यालील एकमेव असा येथील सांसदीय निवासी महिला तंत्रनिकेतनच्या विद्यार्थिनींनी कोरोना संकटाच्या पाखर्यापूर्वीक मुख्यमंत्री उद्घव ठाकरे यांच्या आवाहनास प्रतिसाद देत तब्बल ५१ हजार रुपयांचा निधी मुख्यमंत्री सहायता निधी संसदीय निवासी महिला तंत्रनिकेतनच्या विद्यार्थिनींनी कोरोना संकटाच्या पाखर्यापूर्वीक मुख्यमंत्री उद्घव ठाकरे यांच्या आवाहनास प्रतिसाद देत तब्बल ५१ हजार रुपयांचा निधी मुख्यमंत्री सहायता निधी अदा केला आहे. या निधीचा घनादेश प्राचार्य डॉ. अन्यय अगरकर यांनी जिल्हाधिकारी जी. श्रीकांत याच्याकडे सुपूर्द केला. या सामाजिक कालावद्दल जिल्हाधिकारीनी विद्यार्थिनी संघेचे प्राचार्य, मेस सल्लगार समितीलील श्रीमती सोमा अगरकर, चंद्रकांत धुळजुळे आणि सर्व आज्ञापक आणि कम्बाच्याचे कौतुक केले.

### लातूरच्या विद्यार्थीनीची मुख्यमंत्री सहायता निधीस मदत

लातूरच्या संकटामुळे लॉकडाऊन लागू केल्याने राज्याची अर्थव्यवस्था कोलमडली. त्यामुळे राज्यावर अधिक संकट कोसळले आहे. त्यामुळे मुख्यमंत्री उद्घव ठाकरे यांनी जनतेला संदर्भ हाताने मदत करण्याचे आवाहन केले होते. या आवाहनास प्रतिसाद देत येथील निवासी महिला तंत्रनिकेतनच्या प्राचार्य डॉ. अन्यय अगरकर यांनी मेस सल्लगार समिती व विद्यार्थिनी मेस संचालक मं-

ड्यास समाजकाच्याचे आवाहन केले. याला प्रतिसाद देत सल्लगार मंडळ व व विद्यार्थिनी संचालक मंडळाने मुख्यमंत्री सहायता निधीस ५१ हजार रुपयांची मदत करण्याचा निर्णय घेतला. या रक्कमेचा घनादेश प्राचार्य आगरकर यांनी लातूरच्या जिल्हाधिकारी जी. श्रीकांत याच्याकडे सुपूर्द केला. या सामाजिक कालावद्दल जिल्हाधिकारीनी विद्यार्थिनी संघेचे प्राचार्य, मेस सल्लगार समितीलील श्रीमती सोमा अगरकर, चंद्रकांत धुळजुळे आणि सर्व आज्ञापक आणि कम्बाच्याचे कौतुक केले.

**पै-पै वाचवून केली मदत**  
या महिला तंत्रनिकेतनमधील मेस गेल्या १० वर्षांपासून विद्यार्थिनी सहकाऱी तत्वावर चालवतात. त्यामुळे प्रतिविद्यार्थिनी ८०० ते ८५० रुपये खर्च घेतो. यातूर मेस प्रतिमहा १००० रुपये बचत होतात. यातूर पै-पै वाचवून मुख्यमंत्री सहायता निधीस मदत करण्याचा निर्णय घेतल्याने कौतुक होत आहे.

## 8) Mask making:

In view of Covid-19 preventive measures (we predicted possible infiltration of COVID-19 in February 2020!) DDGM department conducted the "**Ideal Mask Making**" competition for 35 third year students who made beautiful and useful masks. **The third year student of DDGM Vaishnavi More has implemented the skills she learnt in the Department and skillfully converted those skills into entrepreneurship and made more than 1000 masks and distributed these masks with no cost to Police Department, Tehsil Office Kalamb, Rural Hospital Kalamb, other government establishments and needy citizens and students as a part of social service (the estimated cost of 1000 masks at market price of Rs. 30/- each is around Rs. 30000/-).** She has also sold more than 9000 masks at very low cost and thus created awareness about preventive measures against spreading of COVID-19. Hon. MLA of Osmanabad-Kalamb Constituency Shri. Kailash ji Ghadge Patil ji has appreciated her work by awarding a letter of appreciation. The initiative taken by Vaishnavi More is being appreciated all over the city of Kalamb and Latur. This activity was given a wide coverage by social media and news papers. Some special photographs of this activity are attached here.



महाराष्ट्र विधानसभा

जा.क्र. KBGP/OSD/आमार/३०९८

**कैलास बाळासाहेब घाडगे पाटील**  
अमदाबाद, उम्मानवाद(धाराशिव) - कलंब  
२४२ - विधानसभा मतदार संघ  
ध्यानाध्यक्षी : ९९२२५५४४१११  
ई-मेल : patil.kailas3@gmail.com

दिनांक २६/०४/२०२०

**आभार पत्र**

प्रति,

कृ. वैष्णवी विक्रम मोरे,  
बुरुड गांवी, कलंब.

प्रिय तार्ज,

कोरोनाच्या भयावह संकटात आपण कलंब शहरातील नागरिक, प्रशासनातील कर्तव्य पार पाढत असलेल्या अधिकारी य कर्मचाऱ्यांना कोरोनाची लागण होऊन नये मणुन कुणाचीही मदत न घेता स्वखाचाने आनंदपूर्ण जवळ २००० मार्क चे भोजन वाटप वेळेले आहे.

तसेच गरजवंत, गरीब य आर्थिकरित्या पिचलेले कुटुंब हे मासक विकत घेऊ शकत नाहीत. हि अडथंग ओळखून आपण घेत असलेले फैशन डिझायनिंगच्या शिक्षणाच्या संदुपयोग समाजासाठी केलेला आहे. अशा जीवधेण्या संकटात एक युवती/भिलता देशसेवा करण्यामध्ये पाठीभाग नाही. याचा आवर्ष आपण घालून देत स्वी शक्तीचे दर्शन आपण करून दिलेले आहे.

अदृश्य असलेल्या शत्रुच्या लढाईत आपले खूप मोठे योगदान आहे. आपण करत असलेले कार्य अभिनवदोनीय तथा कौतुकासमद आहे. मी कलंब-उम्मानवाद या लोकप्रतिनिधी या नात्याने य जनतेच्या वतीने आपले मनपुर्वक आमार मानतो. आई जगदंबा आपणास उंदं य निरोगी आयुष्य देवो. या संदिच्छा सह आफल्या पुढील शिक्षणास व कार्यास मनपुर्वक शुभेच्छा.

तुझाच भाऊ,

कैलास बाळासाहेब घाडगे पाटील



कार्यालय : नगर पालिका कॉम्प्लेक्स, जिल्हा कोर्टच्यासमोर, उम्मानवाद(धाराशिव) -४१३५०१.

निवास : समर्थ नगर, उम्मानवाद(धाराशिव) -४१३५०१.

Scanned with CamScanner



- Letter of Appreciation by Hon. MLA Sh. Ghadge Patil of Osmanabad given to our student Ku. Vaishnavi Vikram More of DDGM Dept who used her skills to fabricate and distribute more than 1000 masks to Govt Offices and needy citizens at Kalamb, Dist. Osmanabad during COVID-19 Lockdown period.



Shot on Y83 Pro  
via [shotonapp.com](#)

- Ku. Vaishanvi Vikram More of DDGM Dept, GRWP LATUR seen donating masks to Police Dept at Kalamb, Dist Osmanabad

# विद्यार्थिनीने बनविले १० हजार मास्क

**स्तुत्य :** शासकीय आस्थापना, संघटना व गरजूना मोफत वाटप

लोकमत न्यूज नेटवर्क

**कलंब :** लॉकडाऊनच्या काळात अनेकांनी वेगवेगळे छंद जोपासत उपक्रम राखविले आहेत. मात्र कलंब येथील वैष्णवी विक्रम मोरे या विद्यार्थिनीने मात्र सामाजिक भान व गरज लक्षात घेत तब्बल १० हजार मास्क तयार केले आहेत. या स्वनिर्मित मास्कपैकी आजवर १ हजार मास्क मोफत वाटप केले आहेत.

येथील वैष्णवी विक्रम मोरे ही विद्यार्थिनी सध्या लातूर येथील एका तंत्रनिकेतनमध्ये ड्रेस डिझाइनिंग ऑण्ड गारमेंट मॅन्युफॅक्चरिंगमध्ये पदविकेचे शिक्षण घेत आहे. लॉकडाऊनमुळे शैक्षणिक नियोजन कोलमडले आहे. यामुळे कलंब येथे घरीच असलेल्या वैष्णवी मोरे हिने आपल्या शिक्षणाचा वापर करत समाजाला सध्या गरज असलेल्या मास्कची निर्मिती करण्याचा संकल्प केला. यानुसार तिने दहा हजार मास्क तयार केले



आहेत. स्वतः शिवणकाम करून तयार केलेल्या शास्त्रीय मास्कपैकी आजवर एक हजार मास्कचे विविध शासकीय आस्थापना, संघटना व गरजूना मोफत वाटप केले आहे. लॉकडाऊन होण्याच्या दोन दिवसापूर्वी तंत्रनिकेतनमधील शिक्षिका ए. एन. यादव यांनी मास्क बनविण्याचे प्रात्यक्षिक विद्यार्थ्यांसाठी घेतले होते. याचा वैष्णवी हिने लागलीच प्रत्यक्षात उपयोग केला. वैष्णवी मोरे हिने

आजवर उपजिल्हा रुग्णालय, तहसील कार्यालय, पोलीस ठाणे, पत्रकार संघ, रोटरी क्लब, गणपतराव कथले युवक आघाडी, सावित्रीबाई फुले माध्यमिक व उच्च माध्यमिक विद्यालय, रोटरी क्लब यांना मोफत मास्क वाटप केले आहे. याकामी बहीण विशाखा, आई कल्पना, भाऊ आस्था, भाऊ आर्यन, परमेश्वर मोरे, प्रा.डॉ.किंशोर मोरे यांचीही मदत झाली.

Creating and engaged, supportive alumni network is crucial to an institution's successes .our Alumni have a special connection with us a result are likely to be some of its more loyal supports.

Some of the Important Objectives of the Alumini society are:-

- a) Formation of a platform for interaction with the alumni of this institute.
- b) To enable the institute to help in the different assistance required by the industry.
- c) To take up sponsored projects in the various faculties and increase Industry Institute Interaction (I.I.I.)
- d) To provide testing and consultancy to the Alumni of the college in different fields of engineering and technology.
- e) To enable the alumni to take part in such activities of the Institute and may contribute to the general improvement of the status of the Institute and alumni.
- f) To enable alumni to help the Training and Placement of the students of this institute and to provide required manpower if they wish to make use of.
- g) To arrange any activity for the benefit of the students, alumni and the faculty of the institute.
- h) To bring out a Bulletin periodically, highlighting the activities of the Institute, the Association and the alumni

#### **List of the executive Alumni member DDGM Dept.**

Sr.No	Name of Alumni	Dept.	Position in society	Year of passing
01	Smt Karmarkar Shilpa	DDGM	Deputy collector pune	1997
02	Smit Biyani N.B.	DDGM	Faculty at G.P.Aurangbad	1997
03	Smt. Shubhangi shinde	DDGM	Faculty at G.P.Pune	1999
04	Smt Maya Lavand	DDGM	H.O.D. At Dayanand Collage Latur	2000

05	Smt Yadav Anuradha	DDGM	Faculty at G.P.Latur	2000
06	Smt Swami Pallavi	DDGM	Faculty At Dayanand Collage Latur	2000
07	Smt. Sarda Swati	DDGM	Running own educational institute: Shri academy Modern Institute of fashion designing.	2008
08	Smt Shinde Sweta	DDGM	Owener of Brand Vrunda	2008
09	Smt. Gole Pooja	DDGM	Designer	2009
10	Smt Gunale Bhagyashri	DDGM	H.R. shoper Stop	2011

#### Details of the Activities Conducted By Alumni:

The purpose of an **activity** is to foster a spirit of loyalty and to promote the general welfare of organization. **Alumni activitis** exist to support the parent organizations goals, and to strengthen the ties between **alumni**, the community, and the parent organization. **Alumni** can play an active **role** in voluntary programs like mentoring students in their areas of expertise

Sr. No.	Name of Alumni	Dept.	Year of passing	Program conducted
01	Ms Siddique Farhin	DDGM	2007	1.Apparel Production Techniques
02	Smt. Gunale G.G.	DDGM	2008	2.Role of Fashion Merchandiser in apparel industry
03	smt Pallavi Swami	DDGM	2008	3.Computer aided Designing
04	Smt .Sweta Shinde	DDGM	2007	4..Surface Ornamentation Techniques



#### List of the executive Alumni members: Medical Electronics Department

Sr. No.	Name of Alumni	Dept.	Position in society	Year of passing
01	Ashwini vinayak kulkarni	MU	Faculty at GEC Awasari	1997
02	Manisha Sukhdev Nitlikar.	MU	Faculty at G.P.Miraj	2005
03	poonam Deshpande.	MU	Faculty and former Biomedical Enginneer at NHM	1999
04	sonali Sharad Lokre	MU	Biomedical Enjgineer/faculty	2000
05	Swapanali Murugkar	MU	NHM Biomedical Engineer	2008
06	Smt.Nilam Kamble	MU	Faculty At Gp Miraj	2007
07	POOJA PATIL	MU	Biomedical Enginnerat AT NHM	2008
08	Hema Gajbar.	MU	Biomedical Enginnerat MIT LATUR	2008
09	Pratiksha Munde.	MU	Biomedical Enginner AT BAJAJ HOSPITAL	2009
10	Suchita Jagdale	MU	LECTURER AT JSPM WAGHOLI	2005

#### Details of the Activities Conducted By Alumni

Sr. No.	Name of Alumni	Dept.	Year of passing	Program conducted
01	Ashwini vinayak kulkarni	MU	1997	Expert Talk. Serve the institute for more than 10 years

02	Manisha Sukhdev Nitlikar.	MU	2005	Expert Talk. Serve the institute for more than 05 years
03	poonam Deshpande.	MU	1997	Expert talk. Serve the institute for 4 years
04	Shivganga Hede	MU	2012	Expert talk.
05	Pratiksha Munde.	MU	2013	Workshop and Expert talk

#### List of the executive Alumni member

Sr. No.	Name of Alumni	Dept.	Position in society	Year of passing
01	Salunke Anuradha	ET	Lecturer at Puranmal Lahoti Govrnment Polytechnic, Latur	1997
02	Londhe Sweta V	ET	Corporator Latur Municipal Corporation	2007
03	Jyoti Bhagwan Umardand	ET	Application Development Senior Analyst at Accenture Services Pvt Ltd	2011
04	Shruti Bhowekar	ET	Associate engineer - Embedded software development at Emerson	2011
05	Shahebj Attar	ET	Managing Director at National Electricals	2012
06	Ruapli Mundkar	ET	Procurement support specialist	2012
07	Namrata Pradip Muglikar	ET	Network Security Engineer	2013
08	Komal Yanpalloewar	ET	Software Engineer at LTI	2013
09	Priyanka Ramesh Zarkar	ET	Senior System Engineer at Infosys Pvt limited	2014
10	Sindhutai Ashok Shinde	ET	Embedded system engineer at Finite4 ECS Pvt Ltd	2015

ET Department Alumni Meet (15-02-2020)



**Alumni Meet-30 September 2018**



**Annexure I**  
**(A) PROGRAM OUTCOME (POs)**

1. **Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
2. **Problem analysis:** Identify and analyse well-defined engineering problems using codified standard methods.
3. **Design/ development of solutions :** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
4. **Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
5. **Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
6. **Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
7. **Life-long learning:** Ability to analyse individual needs and engage in updating in the context of technological changes.

**(B) PROGRAM SPECIFIC OUTCOME (PSOs)**

PSO1	Computer Software and Hardware Usage: Use state-of-the-art technologies for operation and application of computer software and hardware.
PSO2	Computer Engineering Maintenance: Maintain computer engineering related software and hardware systems

# Declaration

The head of the institution needs to make a declaration as per the format given -

- I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines inforce as on date and the institutes hall fully abide by them.
- It is submitted that information provided in this Self Assessment Report is factually correct.
- I understand and agree that an appropriate disciplinary action against the Institute willbe initiated by the NBA. In case, any false statement/information is observed during pre-visit, visit, postvisit and subsequent to grant of accreditation.

**Head of the Institute**

Name : Dr. Ajay Madhukarao Agarkar

Designation : Principal

Signature :



**Seal of The Institution :**



**Place :** Latur

**Date :** 27-08-2020 17:27:08