Compliance Report for further Accreditation

ENGINEERING PROGRAMS (TIER-II)

Department of Computer Science & Engineering

Submitted to



NATIONAL BOARD OF ACCREDITATION February, 2022



Srinivasa Ramanujan Institute of Technology

Approved by AICTE, New Delhi | Affiliated to JNTUA, Ananthapuramu

Accredited by NAAC with 'A' grade
Accredited by NBA [B. Tech (EEE, ECE & CSE)]
Rotarypuram Village, BK Samudram Mandal,
Ananthapuramu Dist, A.P.-515701

Contents

#	Item	Page No.
PART A (A1 to A10)	Institutional Information	1-5
PART B (B1 to B3.6)	Program Information	6-14
B1	Name of the Program	6
B2.1	Student Faculty Ratio	6
B2.2	Faculty Details of the Department	7
B2.3	Faculty Cadre Proportion	7
B2.4	Faculty as Participants in Faculty development/training activities/STTPs	8
B2.5	Research and Development	9
B2.6	Sponsored Research/Consultancy	11
B3.0	Students' Performance	11
B3.1	Success rate without backlog in stipulated period	12
B3.2	Success rate with backlog in stipulated period	12
B3.3	First year Academic Performance	13
B3.4	Academic Performance in Second Year	13
B3.5	Academic Performance in Third Year	13
B3.6	Placement, Higher Studies and Entrepreneurship	14
Part-C	Criterion wise Compliance Status	15-25
	Declaration	26
Appendix -I	List of Faculty Information and Contributions	27-32
Appendix-II	Participations by Faculty development/training activities/STTPs	33-44
Appendix -III	Research & Development	45-48
Appendix -IV	Delivery details of content beyond syllabus & Mapping of Content beyond Syllabus	49
Appendix -V	Publications related to Student Projects:	50
Appendix -VI	Industrial Tours & Internships	50-56

NATIONAL BOARD OF ACCREDITATION

Compliance Report Format (Tier – I/Tier – II)

PART- A: Institutional Information

(To be filled only once for all the programs under consideration)

A1.	Name and Address of the College:- Srinivasa Rai City: - Ananthapuramu	manujan Institute of Technology, Rotarypuram(V) State:- Andhra Pradesh
	Pin Code:- 515701	
	Phone No (including STD Code):-	Fax
	Website: - www.srit.ac.in	E-mail:- principal@srit.ac.in
A2	. Year of establishment: - 2008	
АЗ.	. First Approval Letter No. F. No. 730-50-735(E),	/ET/2008. Date: 19/08/2008
A4.	Head of the Institution:-	
	Name:- Dr. G. Balakrishna	Designation:- Principal
	Name of the Appointment:- Regular	
	Phone No:- 0855451800	Mobile:- 7893005520
	E-mail:- principal@srit.ac.in	Fax No.:-
A5.	Name and Address of the Affiliating University:-	Jawaharlal Nehru Technological University Anantapu
	City:- Ananthapuramu	
	State:- Andhra Pradesh	Pin Code:- 515001
	Website:- www.jntua.ac.in	Email:- registrar@jntua.ac.in
	Phone No.:- 08554272433	Fax:- 08554272437
A6.	Type of the Institution:-	
	Institute of National Importance	Autonomous:
	University	*Any other (Please specify) √
	Deemed University	
	*Provide Details: University Affil	iated College

A7. Ownership Status:			
Central Government		Trust	
State Government		Society	√
Government Aided		Sanction 25 Company	
Self Financing	√	*Any Other (Please specify)	
*Provide Details:			

A8. Students Admissions (Institute level considering all UG programs):

Item	CAY 2021-22	CAYm1 2020-21	CAYm2 2019-20	Total		
Sanctioned Intake	720	720	600	2040		
Number of students admitted (corresponding to sanctioned intake)	708	706	602	2016		
% of students Admitted over last three assess (Total Admitted/Sanctioned Intake)	% of students Admitted over last three assessment years					

Kindly note that the year mentioned here is exemplary, institute has to consider the academic years as per the definition of CAY given in the document and according to the prevailing year.

Table A8

CAY: Current Academic Year

CAYm1: Current Academic Year minus 1 = Current Assessment Year

CAYm2: Current Academic Year minus 2 = Current Assessment Year minus 1

A9. Details of the Students actually admitted through Lateral Entry/Separate Division

Item	CAY 2021-22	CAYm1 2020-21	CAYm2 2019-20
Number of students admitted through Lateral Entry	111	82	117
Number of students admitted through Separate Division	0	0	0
Total Number of students admitted in the second year	111	82	117

Note: Provide student details of the second shift (if applicable)

A10. Provide separate Information for each of the program(s) for which compliance is to be submitted

Name of the Departmen t	Name of the program being offered	Name of the program to be considered	Yea r of Star t	Intak e	Increa se in intake if any	Year of increa	AICTE Approval	Accreditati on status*
Civil Engineering	UG: B. Tech in Civil	UG: B. Tech in Civil	2012	60	-	-	F. No. South- Central/1- 688646151/ 2012/ EOA, dated: 10/05/2012	Eligible but
Engineering		Engineering			+60 (increase d to 120	2013	F. No. South- Central/1- 1356327646/ 2013 /EOA, dated:	not applied

			1				19/03/2013						
					60		F. No. South-						
					-60 (Reduce d to 60)	2021	Central/1- 9319429876/2021/ EOA						
					-	-	F. No. 730-50- 735(E)/ ET/2008, dated: 19/08/2008	Granted Provisional accreditation for a					
Electrical & Electronics Engineering	UG: B. Tech in Electrical & Electronics Engineering	UG: B. Tech in Electrical & Electronics Engineering	2008	60	+60 (increase d to 120)	2010	F. No. South Central Region/1- 1710534/2010 /EOA, dated: 23/08/2010	period of three academic years 2018-2019 to, 2020-2021 i.e., up to 30-06-2021. F. No. 11-246-2016-NBA, dated: 17-10-2018. & Grant of further Accreditation for one year up to 30-06-2022. F. No. 11-246-2016-NBA					
	PG: M. Tech in Electrical Power Systems	PG: M. Tech in Electrical Power Systems	2012	2012 24	-	-	F. No. South- Central/1- 688646151/ 2012/ EOA, dated: 10/05/2012 F. No. South-	Eligible but					
					-12 (Reduce d to 12)	2020	Central/1- 7005203316/ 2020 /EOA, dated: 15/06/2020	not applied					
	UG: B. Tech in Mechanical Engineering	UG: B. Tech in Mechanical Engineering			-	-	F. No. South- Central/1- 688646151/ 2012/ EOA, dated: 10/05/2012						
Mechanical Engineering			2012	2 60	012 60	.012 60	60	12 60	60	+60 (increase d to 120	2013	F. No. South- Central/1- 1356327646/ 2013 /EOA, dated: 19/03/2013	Eligible but not applied
					-60 (Reduce d to 60)	2021	F. No. South- Central/1- 9319429876/2021/ EOA						
Electronics & Communicati ons Engineering					-	-	F. No. 730-50- 735(E)/ ET/2008, dated: 19/08/2008	Granted Provisional accreditation for a					
	UG: B. Tech in Electronics & Communicati ons Engineering	UG: B. Tech in Electronics & Communicati ons Engineering	2008	60	+60 (increase d to 120)	2009	F. No. 730-50- 735(E)/ET/ 2008, dated: 30/06/2009	period of three academic years 2018-2019 to, 2020-2021 i.e., up to 30- 06-2021. F. No. 11- 246-2016- NBA, dated: 17-10-2018. & Grant of further					

								for one year
								up to 30-06- 2022. F. No. 11-246-2016- NBA
					-	-	F. No. South- Central/1- 688646151/ 2012/ EOA, dated: 10/05/2012	115/1
	PG: M. Tech in VLSI Design	PG: M. Tech in VLSI Design	2012	18	+6 (increase d to 24)	2013	F. No. South- Central/1- 1356327646/ 2013 /EOA, dated: 19/03/2013	Eligible but not applied
					-12 (Reduce d to 12)	2020	F. No. South- Central/1- 7005203316/ 2020 /EOA, dated: 15/06/2020	
					-	-	F. No. 730-50- 735(E)/ ET/2008, dated: 19/08/2008	Granted Provisional accreditation for a
	UG: B. Tech in Computer Science & Engineering	UG: B. Tech in Computer Science & Engineering	2008	60	+60 (increase d to 120)	2011	F. No. South Central/1- 401581827/ 2011 /EOA, dated: 07/09/2011	period of three academic years 2018-2019 to, 2020-2021 i.e., up to 30-06-2021. F. No. 11-246-2016-NBA, dated: 17-10-2018. & Grant of further Accreditation for one year up to 30-06-2022. F. No. 11-246-2016-NBA
Computer Science Engineering	in Computer in Con Science and Scien Engineering Engin	UG: B. Tech in Computer Science and Engineering	2020	0 60	-	-	F. No. South- Central/1- 7005203316/ 2020 /EOA, dated: 15/06/2020	Not eligible for
	(Artificial Intelligence and Machine Learning)	(Artificial Intelligence and Machine Learning)			+60 (Increas ed to 120)	2021	F. No. South- Central/1- 9319429876/2021/ EOA	accreditation
	UG: B. Tech in Computer and Science Engineering	in Computer and Science and Science	2020	60	-	-	F. No. South- Central/1- 7005203316/ 2020 /EOA, dated: 15/06/2020	Not eligible for
	(Data				+60 (Increas ed to 120)	2021	F. No. South- Central/1- 9319429876/2021/ EOA	accreditation
	PG: M. Tech in Computer	PG: M. Tech in Computer	2012	24	-	-	F. No. South- Central/1- 688646151/ 2012/ EOA, dated: 10/05/2012 F. No. South-	· Eligible but
	Science	Science	2012	24	-12 (Reduce d to 12)	2020	F. No. South- Central/1- 7005203316/ 2020 /EOA, dated: 15/06/2020	not applied

^{*} Write applicable one:

- Granted provisional accreditation for two /three years for the period(specify period)
- Granted accreditation for 5 / 6 years for the period (specify period)
- Not accredited (specify visit dates, year)
- Withdrawn (specify visit dates, year)
- Not eligible for accreditation
- Eligible but not applied

PART B- Program Information

- B1. Name of the Program: UG-B.Tech in Computer Science and Engineering
- B2. Faculty Information and Contributions

Please provide the list of faculty in the department according to the below format as Appendix I

List of Faculty in the department is given Appendix I

B.2.1. Student Faculty Ratio (No of Faculty as per the sanctioned intake):(To be calculated at Department Level)

No. of UG Programs in the Department(n): 3

No. of PG Programs in the Department (m): 1

No. of Students in UG 2nd Year = u1.1

No. of Students in UG 3rd Year = u1.2

No. of Students in UG 4th Year = u1.3

No. of Students in PG 1st Year = p1.1

No. of Students in PG 2nd Year = p1.2

No. of Students = Sanctioned Intake + Actual admitted lateral entry students (The above data to be provided considering all the UG and PG programs of the department) S=Number of Students in the Department = UG1 + UG2 + UG3 + PG1 + PG2 F = Total Number of Faculty Members in the Department (excluding first year faculty) Student Faculty Ratio (SFR) = S / F

Year	CAY(2021 -22)	CAYm1(2 020-21)	CAY m2(2019- 20)
	UG1:		
u1.1	120+12=132	120+12=132	120+14=134
u1.2	120+12=132	120+14=134	120+06=126
u1.3	120+14=134	120+06=126	120+04=124
	UG2:		
u2.1	60+6=66		
	UG3:		
U3.1	60+6=66		
Total Students	264+132+134=530	132+134+126=392	134+126+124=384
	PG1:		
p1.1	12	12	24
p1.2	12	24	24
Total students	24	12+24=36	24+24=48

Year	CAY (2021-22)	CAY m1 (2020-21)	CAY m2 (2019-20)			
Total No. of Students in the Department (S)	554	428	432			
No. of Faculty in the Department (F)	28	27	24			
Student Faculty Ratio (SFR)	SFR1=554/28=19.7 8	SFR1=428/27=15.85	SFR1=432/25=18			
Average SFR	SFR = (19.78+15.85+18)/3 = 17.87					

B2.2. Faculty Details of the Department (UG+PG):

S.No	Designation	CAYm1(2020-21) With PhD. Regular Contractual		Without PhD	CAY(2021 With PhD Regular	ŕ	Without PhD
a.	Professors	3			3		
b.	Associate Professors	4			5		
C.	Assistant Professors			20			20
d.	Total number of Faculty in Department (UG+PG)		27		28		

B2.3. Faculty Cadre Proportion

The reference Faculty cadre proportion is 1(F1):2(F2):6(F3)

F1: Number of Professors required = $1/9 \times 1/9 \times 1/9$

F2: Number of Associate Professors required = $2/9 \times 10^{-2} \times 10$

F3: Number of Assistant Professors required = $6/9 \times 10^{-2} \times 10$

Year	Professors		Associate F	Professors	Assistant Professors	
	Required	Available	Required	Available	Required	Available
	F1	F1	F2	F2	F3	F3
CAY						
(2021-22)	3.07	3	6.15	5	18.46	20
CAYm1						
(2020-21)	2.37	3	4.75	4	14.26	20
CAYm2						
(2019-20)	2.4	2	4.8	2	14.4	20
Average	RF1=2.61	AF1=2.66	RF2=5.23	AF2=3.66	RF3=15.71	AF3=20.00
Numbers	KF 1-2.01	AF 1-2.00	KF 2-3.23	AF 2-3.00	KF 3-13.71	AF 3-20.00

Table B.5.2: Faculty cadre ratio

B2.4. Faculty as participants in Faculty development/training activities/STTPs

		ticipation Faculty	development/training
Name of the Faculty	activities/STTPs		
	CAYm1 (2020-21)	CAYm2 (2019-20)	CAYm3 (2018- 19)
Dr. T. Hitendra Sarma	0	5	0
Dr. B. Lakshmi Narayana Reddy	5	5	5
Dr. G.K. Venkata Narasimha Reddy	5	5	0
Dr. M. Ranjith Reddy	5	5	3
Mr. M. Narasimhulu	5	5	5
Mr. T. Venkata Naga Jayudu	0	5	5
Dr. G. Hemanth Kumar Yadav	0	5	5
Dr. C. Sasikala	5	5	_
Dr. P. Chitralingappa	5	5	
Dr. B. Harichandana		5	-
Mr.K. Jagan Mohan Reddy	5	-	-
Mr. L. Suman	5	- 5	<u> </u>
Mr. P. Veera Prakash	5	5	5
Mr.G. Chinna Pullaiah	5	5	5
Mrs. S. L. Sailaja	5	5	5
Mrs. P. Shabana	-	-	0
Ms. C. Rekha	-	-	0
Mr.P. Seshasaina Reddy	-	-	0
Mr.Y. Ramesh	-	-	5
Mr.C. Sudheer Kumar	5	5	5
Mrs.T. Kavitha	0	5	0
Mrs.M. Madhavi	0	0	0
Mrs.M. Soumya	5	5	5
Mr.B. Sreedhar	5	5	0
Ms.G. Shabana	0	0	0
Mr.K. Varun Kumar Reddy	-	5	0
Mr.A. Balankana	0	0	0
Mr.B. Nanda Kiran Reddy	0	0	0
Mr. A. Erriswami Reddy	0	0	_
Ms.K. Hemalatha	5	5	5
Ms.B. Sujana	-	5	5
Mr.R. Sandeep Kumar	-	5	7
Mr.T. Muralikrishna	5	5	_
Mr. G. Siva Krishna	0	0	-
Mr. K. Kondanna	5		
Mrs.K. Sudha kumari	5	5	-
Mr.K. Venkatesh	5	-	-
Ms.K. Sruthi	5	-	-
Mr. Y. Mahanandi	0	-	-

Mr.L. Lokeshnath	5	-	-
Mrs. P. Rohini	5	-	-
Mrs. V. Sujatha	5	-	-

Note: List of participations by Faculty development/training activities/STTPs are given in Appendix-II

B2.5. Research and Development

		Academic Resea	rch		
S. No.	Name of the	Number of or refereed/SCI Books/Book Cha	Journals, citations,	during the	ed /Ph.D. awarded assessment period ng in the institute
3. 140.		AS provided in	After evaluation (till the date of compliance report)	As provided in SAR	After evaluation (till the date of compliance report)
1	Dr. T. Hitendra Sarma	Publications: 2	Publications: 1 International Conference Kualalumpur:1	3	Guidance to Research Scholar: 1
2	Dr. B. Lakshmi Narayana Reddy	3	Publications: 2 Patents published: 1		
3	Dr. G. K. Venkata Narasimha Reddy	6	Publications: 3 Patents published: 2		
4	Dr. M. Ranjit Reddy	4	Publications: 3 Patents published: 1		Awarded PhD.July,2019
5	Mr. M. Narasimhulu		·		
6	Mr. T. Venkata Naga Jayudu		Publications: 1 Reviewed Manuscript:1		Awarded PhD.August,2021
7	Mr. G. Hemanth Kumar Yadav	1			Awarded PhD.July,2021
8	Mr. K. Jagan Mohan Reddy				
9	Mr. L. Suman		Publications: 1 NationalConference: 1		
10	Mr. P. Veera Prakash	2	Publications: 1 Patents published: 1		
11	Mr. G. Chinna Pullaiah		Publications: 1		
12	Mrs. S. L. Sailaja	1			
13	Mrs. P. Shabana	1			
14	Ms. C. Rekha				
15	Mr. P. Seshasaina Reddy				
16	Mr. Y. Ramesh				
17	Mr. C. Sudheer Kumar		Publications: 2		
18	Mrs. T. Kavitha				

		Academic Resea	ırch		
S. No.		Number of refereed/SCI Books/Book Cha	Journals, citations,	during the	ed /Ph.D. awarded assessment period ng in the institute
3. 140.	faculty	As provided in SAR	After evaluation (till the date of compliance report)	As provided in SAR	After evaluation (till the date of compliance report)
19	Mrs. M. Madhavi				
20	Mrs. M. Soumya		Publications : 1		
21	Mr. B. Sreedhar		Publications: 2		
22	Ms. G. Shabana		Book: 1		
23	Mr. K. Varun Kumar Reddy				
24	Mr. A. Balaankana				
25	Mr. B. Nanda Kiran Reddy				
26	Ms. K. Hemalatha				
27	Ms. B. Sujana		National Conference: 1		
28	Mr. R. Sandeep Kumar				
29	Mr. T. Murali Krishna		Publications: 2 National Conference: 1 Patents published: 1		
30	Dr. C. Sasikala		Publications: 2 Book Chapter: 2 Book: 1 Patents published: 1		
31	Mr. P. Chitralingappa		Books: 2 Patents published: 1		Awarded PhD. Feb, 2021
32	Mr.K. Kondanna				
33	Mr.K.Venkatesh				
34	Dr.B.Hari Chandana		Publications: 2		
35	Ms. K.Sruthi				
36	Mrs.P. Rohini				
37	Mr.Y.Mahanandi				
38	Mr.K.Lokeshnath				
39	Mrs.L.Sudha Kumari		Publications: 1		
40	Mr. A.Erryswamy Reddy				
41	Mr. G. Siva Krishna				
42	Mrs. V. Sujatha				

Note: List of Publications / Conferences / Books / Book Chapters are given in Appendix-III

B2.6. Sponsored Research/Consultancy

(B) Details as provided in the SAR previously

Name of the Faculty	Project Title	Project Type Research/Consultancy	Funding Agency	Amount	Duration
Dr. T. Hitendra Sarma	Dimensionality Reduction and Pixel Classification in Hyperspectral Images	Research	SERB – TARE norms	15 Lakhs	3 Years(Sanctioned on November, 2018)

(II) Details after evaluation (till the date of Compliance Report)

Name of the the faculty	Project Title	Project Type Research / Consultancy	Funding Agency	Amount	Duration
Dr. Hitendra Sarma T	Teachers Associate ship for Research Excellence (TARE) – (Electrical Electronics & Computer Engineering)	Research	Science & Engineering Research Board (SERB)	18,30,000 INR	36 Months
Dr. Lakshmi Narayana Reddy Boreddy	Cyber Security and Block Chain Technology	Faculty Development Programme (Plan)	AICTE under AQIS	4,50,333 INR	Completed During 2020- '21. (Sanctioned under AQIS 2019-20)

B.3.0 Students' Performance

Student Intake Table

I tem (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY (2021-22)	CAYm1 (2020-21)	CAYm2 (2019-20
Sanctioned Intake of the program (N)	120	120	120
Total number of students admitted in first year minus number of students migrated to other programs/institutions plus No. of students migrated to this program (N1)	129	128	128
Number of students admitted in 2 nd year in the same batch via lateral entry (N2) Separate division students, if applicable (N3)		12	12
Total Number of students admitted in the	NIL	NIL	NIL 140
Program (N1+N2+N3)	129	140	140

Year of Entry	N1 + N2+N3 (As defined Above)	Number of students who have successfully graduated			
		I Year	II Year	III Year	IV Year
2021-22	129				
2020-21	140(128+12)	128+12			
2019-20	140(128+12)	128+12	126+12		
2018-19	132(118+14)	116+14	114+13	113+13	
2017-18	125(119+6)	114+6	113+6	108+6	90
2016-17	124(120+4)	118+4	109+4	106+4	84
2015-16	118(114+4)	114+4	111+4	109+4	83

B3.1. Success rate without backlog in stipulated period

 $SI = (Number of students who graduated from the program without backlog in the stipulated period of course duration)/ (Number of students admitted in the first year of that batch and admitted in <math>2^{nd}$ year via lateral entry and separate division, If applicable)

Item	CAYm1 2020-21	CAYm2 2019-20	CAYm3 2018-19
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	125(119+6)	124(120+4)	118(114+4)
Number of students who have graduated without backlogs in the stipulated period	37	27	38
Success Index (SI)	0.296	0.217	0.322
Average SI		0.278	

B3.2. Success rate with backlog in stipulated period of study

SI=(Number of students who graduated from the program with backlog in the stipulated period of course duration)/(Number of students admitted in the first year of that batch and admitted in 2ndyear via lateral entry and separate division, if applicable)

Item	CAYm1 2020-21	CAYm2 2019-20	CAYm3 2018-19
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable.	125(119+6)	124(120+4)	118(114+4)
Number of students who have graduated with backlogs in the stipulated period.	90	84	83
Success Index (SI)	0.720	0.677	0.703
Average SI		0.700	

B 3.3. First Year Academic Performance

Academic Performance = ((Mean of 1^{St} Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks in First Year of all successful students/10)) x (number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the second year.

Academic Performance	CAYm1 2020-21	CAYm2 2019-20	CAYm3 2018-19
Mean of CGPA or Mean Percentage of all successful students (X)	8.43	8.13	6.57
Total no. of successful students (Y)	128	128	116
Total no. of students appeared in the examination (Z)	128	128	116
$API = x^* (Y/Z)$	8.43	8.13	6.57
Average API = (AP1 + AP2 + AP3)/3		7.71	

B3.4. Academic Performance in Second Year

API = ((Mean of 2^{nd} Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Second Year/10)) x (number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the Third year.

Academic Performance	CAYm1 2020-21	CAYm2 2019-20	CAYm3 2018-19
Mean of CGPA or Mean Percentage of all successful students (X)	7.64	6.98	6.86
Total no. of successful students (Y)	138	127	119
Total no. of students appeared in the examination (Z)	138	127	119
$API = x^* (Y/Z)$	7.64	6.98	6.86
Average API = (AP1 + AP2 + AP3)/3		7.16	

B3.5. Academic Performance in Third Year

API = ((Mean of 3^{rd} Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Third Year/10)) x (number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the final year.

Academic Performance	CAYm1 2020-21	CAYm2 2019-20	CAYm3 2018-19
Mean of CGPA or Mean Percentage of all successful students (X)	6.42	6.03	6.46
Total no. of successful students (Y)	126	114	110
Total no. of students appeared in the examination (Z)	126	114	110
$API = x^* (Y/Z)$	6.42	6.03	6.46
Average API = (AP1 + AP2 + AP3)/3		6.30	

B3.6.Placement, Higher Studies and Entrepreneurship

Item	CAYm1 2020-21	CAYm2 2019-20	CAYm3 2018-19
Total No. of Final Year Students (N)	90	84	83
No. of students placed in companies or Government Sector (x)	78	77	65
No. of students admitted to higher studies with valid qualifying scores (GATE or equivalent State or National Level Tests, GRE, GMAT etc.) (y)		1	3
No. of students turned entrepreneur in engineering/technology (z)	-	-	-
x + y + z =	78	78	68
Placement Index: (x + y + z)/N	0.867	0.928	0.819
Average placement= (P1 + P2 + P3)/3		0.871	

Criterio	n 1: Vision, Mission and Prog	ram Educational Objective	S.
1.1.	State the Vision and Missio A. Availability of statements of the Departments. B. Appropriateness/Relevance of the statements. C. Consistency of the Department statements with the Institute statements.	n of the Department and I Vision and Mission statement of department and Institute are too similar and lack consistency	Actions: The Vision and Mission statements of similar category institutions are considered and discussed in a brainstorming session with the staff and students of the department and a draft version of the Vision & Mission statements are prepared. The draft version of Vision and Mission statements that are prepared in the brainstorming session are presented in the meeting with stakeholders including Management, Alumni, Parents and Employers for necessary modifications. The updated version of the Vision and Mission statements are presented in the Industry Advisory Board (IAB) meeting of the department, consisting of the stakeholders representing faculty, industry and alumni. Vision and Mission statements are reviewed and modified according to the industry perspective. The updated version of Vision and Mission statements are presented in Department Advisory Board (DAB) meeting consisting of experts from academia (nominee from university and other reputed institutions), alumni, parents and students. Outcomes/Improvements: The final version of Vision and Mission statements are presented in Department Advisory Board (DAB) meeting consisting of experts from academia (nominee from university and other reputed institutions), alumni, parents and students.
1.5	Establish consistency of PE		artment
	A. Preparation of a matrix of PEOs and elements of Mission statement.	Correlation matrix preparation is not based on methods and is Not Appropriate	Actions: We conducted Brainstorming session for all the Faculty members of the Department on Justification of PEO mapping towards Department Mission elements. Outcomes/Improvements: Now PEOs are in consistency with the Mission statements of the Department.
	B. Consistency/justification		Actions:

	of correlation parameters of the above matrix.		 We conducted Brainstorming session for all the Faculty members of the Department on Justification of PEO mapping towards Department Mission elements. Outcomes/Improvements: All PEOs are mapped with proper Justification.
2.1.1		n Outcomes(POs) &Progi	nce of the University curriculum ram Specific Outcomes(PSOs),
	A. Process used to identify extent of compliance of university curriculum for attaining POs &PSOs. B. List the curriculum gaps for the attainment of defined POs &PSOs.	Curriculum gaps are not identified at course level Gap relevance to PO and PSO is inadequate	 ★ Effective gap identification and implementation methods are applied for R15 regulations. ★ Events are organized in collaboration with industry experts to deliver content beyond syllabus and strengthen weakly mapped POs and PSOs.
2.1.2	State the delivery details of POs &PSOs	of the content beyond the	syllabus for the attainment of
	A. Steps taken to get identified gaps included in the curriculum.(e.g. letter to university/BOS). B. Delivery details of content beyond syllabus. C. Mapping of content beyond syllabus with the Pos &PSOs.	Inappropriate process and mapping of content beyond syllabus with PO's/PEO's and Delivery of content beyond syllabus is very limited	Actions: Weakly mapped POs and PSOs are identified and proper plan of action is defined at the beginning of the semester (I & II), every academic year, to fill the gaps and strengthen the weakly mapped POs and PSOs. In collaboration with industry experts, events are organized to deliver content beyond the syllabus for making students industry ready
			and provide skill development courses at the campus. (CISCO, AWS, RHCSA, Palo Alto, DXC Technologies)
			Various steps taken up by the department to deliver content beyond the syllabus are given in Appendix IV.
2.2.1	Describe the process follow	red to improve quality of te	eaching learning
	A. Adherence to Academic calendar. B. Use of various instructional methods and pedagogical initiatives. C. Methodologies to support	Ineffective remedial classes and continuous assessment in the Laboratory	Actions: J First, we identify students, who secured less than 50% of marks in I internal. For these students, we conduct remedial classes

	weak students and encourage bright students. D. Quality of class room teaching. E. Conduct of Experiments. F. Continuous assessment in the Laboratory. G. Student Feedback of Teaching-Learning process and actions taken.			/workshops. J Simple assignments are given to the students on the topic specific to the curriculum to improve their learning skills. Outcome/Improvements: There is a standard procedure to encourage weak students. The pass percentage has been improved over the past 3 years.
2.2.3	A. Process for Internal semester question paper setting, evaluation and effective process implementation. B. Process to ensure questions from outcomes/learning levels perspective. C. Evidence of Cos coverage in class test / mid-term tests. D. Quality of Assignment and its relevance to Cos.	er Question pay Quality of ass its evaluation effective w.r.t	ignment and on is not	nents and Evaluation Actions: J The students are encouraged to write assignments though it is not part of the curriculum in order to encourage students to elaborate ideas, create and learn about topics, ideas about a specific content in the curriculum. J Implemented Evaluation of assignments as CAA -1 and CAA-2 for R19 regulation. Outcome/Improvements: Pass Percentage has been improved for R19 regulation 2019-20 (78.91%) compared to 2018-19 (68.5%).
	A. Identification of projects and allocation No paper quality and	evidence of r/awards. Low y of projects their sment is	stude Project Stude indus proce devele Project Asses Rubric Outcome/ In Development Two papers h	opment has been conducted for ints to understand the Software of Development cycle. In the same been encouraged to go for trial tours and understand the inssess followed over there for Project opment. In the same that is a defined by the institution. In the same that is a defined by the institution. In the same that is a defined by the institution. In the same that is a defined by the students are been published by the students and IEEE-HYDCON-Dec, 2020.

2.2.4	completed projects/workin g prototypes. F. Evidences of papers published /Awards received by projects etc. Initiatives related to A. Industry supported laboratories. B. Industry involvement in the program design and partial delivery of any regular courses for students. C. Impact analysis of industry institute interaction and actions taken thereof. Industrial training/t A. Industrial training/tours for students. B. Industrial /internship /summer training of more than two weeks and post training Assessment. C. Impact analysis of industrial training. D. Student feedback on initiative.	No Industry supported laboratories Less involvement of Industry in course delivery	Actions: The college has made considerable efforts in bringing about industry involvement in the delivery of courses along with providing practical exposure to the students. In view of this, we have made MoUs with industries for the execution of industry people with the department. (Eduskills, DXC Technologies) Actions: The students are encouraged to take up industrial tours/ training through internships though it is not a part of curriculum. Impact analysis of every Industrial Internship/Summer Training is done by taking feedback from the students participated in the event. The list of students who have undergone Industrial Internship/Summer Training in various organizations during their semester break over the various academic years.
			Internship. (Appendix VI)
3.1	Establish the correla	tion between the cou	urses and the POs & PSOs
3.1.1	Course Outcomes	CO's are defined inappropriately.	
3.1.2	CO-PO matrices of courses selected in 3.1.1 (six matrices)	CO/PO mapping is poor.	We conducted a brainstorming session for all the faculty members regarding writing of course outcomes, CO-PO mapping based on blooms taxonomy.
3.1.3	Program Level Course PO's matrix of all the Courses including First Year Courses	Process of preparation of mapping tables is not well defined.	·
3.2	Attainment of Cours	e Outcomes	
3.2.1	Describe the assessment	Weak assessment process and limited	

	processes used to gather the data upon which the evaluation of Course Outcome is based.	tools.	We conducted a brainstorming session for all the faculty members regarding assessment process and tools used.
3.2.2	Record the attainment of Course Outcomes of all courses with respect to set attainment levels.	Analysis and decision making on attainment level is ineffective.	Action: Attainment levels of COs are changed based on achieved target level as per the set targets. Outcomes/Improvements:
			We changed the assessment process tool by changing the CO attainment levels.
3.3	Attainment of Progra	am Outcomes and Pro	ogram Specific Outcomes
3.3.1	Describe assessment tools and processes used for measuring the attainment of each of the program outcomes and program specific outcomes.	Benchmark setting is towards lower side.	Action: We changed the benchmark setting for POs and PSOs.
3.3.2	Provide results of evaluation of each PO&PSO	Attainment level is ill defined. Indirect assessment of PO attainment is inadequate.	Action: Attainment levels are changed for POs and PSOs. For indirect assessment we collect information from more number of responses.

Critori	terion 4: Student Performance				
4.2.1	Success Rate without backlogs in any semester/year of study Without Backlog means no compartment or failures in any semester/year of study	2012-13(13/126),	Actions: First, we identified slow learners based on their internal assessment test marks (who secured less than 50%) Second, we conducted remedial classes for slow learners. Outcomes/Improvements: Pass percentage of students has improved No. of students with backlog has come down. Success index rate has increased.		
4.6 4.6.1	Professional Activitien Professional Societies/Chapters and Organizing engineering events	Only IEEE membership at institute level and very limited participation of students. However, the departmental technical association is conducting some events.	 Actions: The department has made a policy to conduct events through professional societies like IEEE, CSI, IE (I). Second, we are encouraging the students to participate in various technical events and providing guidance through counseling. Number of events conducted under professional societies has enhanced. Outcomes/Improvements: Students' skills on understanding advanced technologies and coding were improved. 		

			The students' participation in various technical events has enhanced.
4.6.2	Publication of technical magazines, newsletters, etc.	Limited Participation by students	Action: The department has made a policy to involve at least two students from each section in the publication of technical magazines and newsletters etc. Outcomes/Improvements:
			 Students' communication and leadership skills are enhanced. Students' active Participation has been identified in the Publication of technical magazines, newsletters, etc.
4.6.3	Participation in inter- institute events by students of the program of study (at other institutions.	Awards and prizes are less and only participation is evident.	Actions: The department has established a technical committee to monitor and guide by conducting in-house technical presentations to the students.
			 Second, we are encouraging students to exhibit their working models in the college and other institutional events. Outcomes/Improvements: Students' coding, research, communication skills have improved.

Criteri	Criterion 5: Faculty Information and Contribution			
5.5	Innovations by the fact A. The work must be made available on institute web site.	ulty in teaching and	Actions: College has E-content development cell to maintain E-content material on the website, which is available to all E-content cell conduct meetings to the faculty members of E-content development team (Twice in a semester) Outcomes/I mprovements: All faculty members developed E-content and submitted to the E-content cell, which are available in the website.	
	B. The work must be available for peer review critique.	No evidence for peer review and critique.	Actions: ❖ College made a policy that Principal, HODs and senior faculty members to suggest peer experts for each program. ❖ College made a policy to provide financial assistance for peer reviewed experts as per the college norms. Outcomes/I mprovements: ❖ We have 3 peer reviewed experts for this program. ❖ The peer reviewed carried by on year basis.	
	C. The work must be reproducible and developed further by other scholars.	No evidence for reproducible and development.	 Actions: College made a policy to collect mail ids and details of scholars while accessing e-contents. Outcomes/Improvements: 360 research scholars/students per year have been utilized e-content material. 	
	D. statement of year goals, use of	Very few evidences are available and	Actions:	

5.7	appropriate methods, significance of results, effective presentation and reflective critique	that two ineffective.	pedagogical approaches to teach the effectively. College made a policy to use Google classrooms to conduct assignments & quizzes, collect effective feedback by each faculty members. College made a policy to effective utilization of YouTube channels which are created or developed by faculty members. Outcomes/Improvements: All the faculty members have their own YouTube video lectures. All faculty members able to assess the course overall assessment using Google classroom.
5.7.1	Academic Research		Actions
	A. Number of Quality Publications in refereed/SCI journals, Citations, books/book chapters etc., B. PhD Guided/PhD Awarded during the	One publication in SCI Journal, 2 Books One PhD Awarded and only one	 Actions: First, College made a policy to provide financial assistance, who is participating in the standard conferences. Second, College made a policy to provide incentives for faculty members who make publications/books in standard journals and publishers. Third, college made a policy to provide workload relaxation to faculty members who are doing good research. Outcomes/Improvements: Number of refereed/SCI journals is 25 for past three years. Number of citations is 20 for past three years. Number of books/book chapter is 6 for past 3 years. Actions: First, College made a policy to provide ratification
	Assessment period while working the institute.	Faculty is guiding three students.	to the eligible Ph.D. guides to give guidance for Ph.D. research scholars. Second, for Ph.D. faculty member provide 30 days academic leaves. Outcomes/Improvements: One faculty member recently awarded Ph.D. Degree. faculty members completed their Pre-Ph.D. exams.
5.7.2	Sponsored Research		
F. 7.0	Funded Research from Outside: Cumulative during Assessment Years: Amount > 20 lakhs - 5 Marks. Amount >= 16 lakhs and <= 20 lakhs - 4 Marks. Amount >= 12 lakhs and <16 lakhs - 3 Marks. Amount >= 8 lakhs and < 12 lakhs - 2 Marks. Amount >= 4 lakhs and < 8 lakhs - 1 Marks. Amount < 4 lakhs - 0 Marks	No Funds Received towards Sponsored Research.	 Actions: College made a policy to provide 5 % of financial assistance for the faculty members who got the sanctioned research project. Outcomes/Improvements: ▼ Two faculties got the 5% financial support for their sanctioned projects.
5.7.3	Development Activities		

A. Product Development Development Development College made a policy to provide financial assistance for those who involved in product development of products has been increased at department level. B. Research Laboratories B. Research Laboratories No Research Laboratories No Research Laboratories No Research Laboratories No Research Laboratories Actions: College granted funds under department budget to establishing research by allocating funds in establishing research budget to establishing Artificial interiories. Outcomes/Improvements: College granted funds under department budget to establishing Artificial interiories. College granted funds under department budget to establishing Artificial interiories. Actions: College granted funds under department budget to establishing Artificial interiories. Actions: Actions: Actions: All faculty members published instructional materials in the college website under £Content Development Cell. Outcomes/Improvements: All faculty members published instructional material in the college website for peer-reviewed. Consultancy activity Actions: Actions: Actions: Actions: The department is encouraging and guiding the students to develop working models by taking open ended problems. Actions: Actions: Consultancy (from industry) Consultative during Assessment Years: Amount >= 8 lakhs and = 2 lakhs and Actions: Actions: Ac			No Product	Actions:
B. Research Laboratories No Research Laboratories Actions:		A. Product Development		 College made a policy to provide financial assistance for those who involved in product
Laboratories Labo				Outcomes/Improvements: The development of products has been
College granted funds under department budget to establish industrial IOT Laboratory. Two faculty members applied AICTE sponsored MORDOBS for establishing Artificial Intelligence laboratories. C. Instructional Materials.				The Institute is encouraging research by allocating funds in establishing research
Materials Materials Materials Materials Materials				 College granted funds under department budget to establish industrial IoT Laboratory. Two faculty members applied AICTE sponsored MORDOBS for establishing Artificial
Materials. A Line Institute made a policy to publish instructional material in the college website under E-Content Development Cell. Outcomes/Improvements: A Cations: A Cations: A Cations: The department is encouraging and guiding the students to develop working models by taking open ended problems. A R&D Cell is providing seed money grants to develope working models. Outcomes/Improvements: Number of developed working models has increased. 5.7.4 Consultancy: Consultancy: Consultancy: Consultancy: Consultancy: Activity Activity Actions: College has tie up with Eduskills , Great Learning and APSSDC for consultancy activity. College has tie up with CSI, IEEE , ISTE for consultancy Activity. College has tie up with CSI, IEEE , ISTE for consultancy Activity. College has tie up with CSI, IEEE , ISTE for consultancy Activity. College has tie up with CSI, IEEE , ISTE for consultancy Activity. College has tie up with CSI, IEEE , ISTE for consultancy Activity. College has tie up with CSI, IEEE , ISTE for consultancy Activity. College has tie up with CSI, IEEE , ISTE for consultancy Activity. College has tie up with CSI, IEEE , ISTE for consultancy Activity. College has tie up with CSI, IEEE , ISTE for consultancy Activity. College has tie up with CSI, IEEE , ISTE for consultancy Activity. Actions: A PSSDC sanctioned 37 systems with high end configuration. Actions: College introduced self-performance appraisal system. College introduced self-performance appraisal system. College made a policy to follow API score for all faculty members. Faculty members. Faculty members. Faculty members.		C Instructional	No Instructional	Actions:
D. Working Models/ Charts/ Monograms etc. Four to five working Models Available. Four to five working Models Available. Four to five working Models Available. Actions: The department is encouraging and guiding the students to develop working models by taking open ended problems. R&D Cell is providing seed money grants to develop working models. Outcomes/Improvements: No Consultancy (from industry) Consultancy: Cumulative during Assessment Years: Amount > 10 lakhs − 5 Marks. Amount > = 8 lakhs and < 10 lakhs − 4 Marks. Amount > = 6 lakhs and < 6 lakhs − 3 Marks. Amount > = 4 lakhs and < 6 lakhs − 2 Marks. Amount > = 2 lakhs and < 4 lakhs − 1 Marks. Amount > = 2 lakhs and < 6 lakhs − 2 Marks. Amount > = 1 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 lakhs and < 6 lakhs − 0 Marks Amount > = 6 l			Material.	instructional materials in the college website
D. Working Models/Charts/ Monograms etc. working Available. working Available. working Available. working Available. working Available. working Available. * The department is encouraging and guiding the students to develop working models by taking open ended protolems. * R&D Cell is providing seed money grants to develop working models. * Number of developed working models has increased. * Number of developed working models has increased. * Number of developed working models has increased. * Outcomes/I mprovements: * College has tie up with Eduskills , Great Learning and APSSDC for consultancy activity. * College has tie up with CSI, IEEE , ISTE for consultancy Activity. * College has tie up with CSI, IEEE , ISTE for consultancy Activity. * Outcomes/I mprovements: * APSSDC sanctioned 37 systems with high end configuration. * APSSDC sanctioned 37 systems with high end configuration. * Actions: * APSSDC sanctioned 37 systems with high end configuration. * Actions: * Outcomes/I mprovements: * Outcomes/I mproveme				All faculty members published instructional material in the college website for peer-
Charts/ Monograms etc. Charts/ Monograms etc. Available. Charts/ Monograms etc. Working Available. Charts/ Monograms etc. Available. Charts/ Charts/ Available. Actions: Charts/ Char		D Working Models/		Actions:
develop working models. Outcomes/Improvements: Number of developed working models has increased. 5.7.4 Consultancy (from industry) Consultancy: Cumulative during Assessment Years: Amount > 10 lakhs - 5 Marks. Amount >= 8 lakhs and <= 10 lakhs - 4 Marks. Amount >= 6 lakhs and <8 lakhs - 3 Marks. Amount >= 6 lakhs and <8 lakhs - 2 Marks. Amount >= 2 lakhs and < 6 lakhs - 2 Marks. Amount >= 2 lakhs and < 1 Marks. Amount >= 2 lakhs and < 1 Marks. Amount >= 2 lakhs and < 6 lakhs - 1 Marks. Amount >= 2 lakhs and < 6 lakhs - 1 Marks. Amount >= 2 lakhs and < 6 lakhs - 1 Marks. Amount >= 2 lakhs and < 6 lakhs - 1 Marks. Amount >= 2 lakhs and < 6 lakhs - 1 Marks. Amount >= 2 lakhs and < 6 lakhs - 1 Marks. Amount >= 2 lakhs and < 6 lakhs - 1 Marks. Amount >= 2 lakhs and < 6 lakhs - 2 Marks. Amount >= 2 lakhs and < 6 lakhs - 1 Marks. Amount >= 2 lakhs and < 6 lakhs - 1 Marks. Amount >= 2 lakhs and < 6 lakhs - 1 Marks. Amount >= 2 lakhs and < 6 lakhs - 2 Marks. Amount >= 2 lakhs and < 6 lakhs - 1 Marks. Amount >= 2 lakhs and < 6 lakhs - 2 Marks. Amount >= 2 lakhs and < 6 lakhs - 3 Marks. Amount >= 2 lakhs and < 6 lakhs - 1 Marks. Amount >= 2 lakhs and < 6 lakhs - 2 Marks. Amount >= 2 lakhs and < 6 lakhs - 1 Marks. Amount >= 2 lakhs and < 6 lakhs - 2 Marks. Amount >= 4 lakhs and < 6 lakhs - 3 Marks. Amount >= 6 lakhs and < 6 lakhs - 3 Marks. Amount >= 6 lakhs and < 6 lakhs - 3 Marks. Amount >= 6 lakhs and < 6 lakhs - 3 Marks. Amount >= 6 lakhs and < 6 lakhs - 3 Marks. Amount >= 6 lakhs and < 6 lakhs - 3 Marks. Amount >= 6 lakhs and < 6 lakhs - 3 Marks. Amount >= 6 lakhs and < 6 lakhs - 3 Marks. Amount >= 6 lakhs and < 6 lakhs - 3 Marks. Amount >= 6 lakhs and < 6 lakhs - 3 Marks. Amount >= 6 lakhs and < 6 lakhs - 3 Marks. Amount >= 6 lakhs and < 6 lakhs - 3 Marks. Amount >= 6 lakhs and < 6 lakhs - 3 Marks. Amount >= 6 lakhs and < 6 lakhs - 3 Marks. Amount >= 6 lakhs and < 6 lakhs - 2 Marks. Amount >= 6 lakhs and < 6 lakhs - 5 marks. Amount >= 6 lakhs and ontentions on the follows on the follows on the follows on the follo				the students to develop working models by
\$\ \text{Number of developed working models has increased.} \$\ \text{Number of developed working models has increased.} \$\ \text{Consultancy: Cumulative during Assessment Years: Amount > 10 lakhs − 5 Marks. Amount >= 8 lakhs and <= 10 lakhs − 4 Marks. Amount >= 6 lakhs and <8 lakhs − 3 Marks. Amount >= 6 lakhs and < 6 lakhs − 2 Marks. Amount >= 2 lakhs and < 4 lakhs − 1 Marks. Amount < 2 lakhs − 0 Marks				
increased. 5.7.4 Consultancy (from industry) Consultancy: Cumulative during Assessment Years: Amount > 10 lakhs – 5 Marks. Amount >= 8 lakhs and <= 10 lakhs – 4 Marks. Amount >= 6 lakhs and <8 lakhs – 3 Marks. Amount >= 4 lakhs and <6 lakhs – 2 Marks. Amount >= 2 lakhs and <4 lakhs – 1 Marks. Amount <= 2 lakhs – 0 Marks 5.8 Faculty Performance Appraisal and Development System (FPADS) A. A well-defined performance Appraisal and Development System instituted for all the increased. Actions: Consultancy Actions: College has tie up with Eduskills , Great Learning and APSSDC for consultancy activity. Outcomes/Improvements: APSSDC sanctioned 37 systems with high end configuration. Actions: College introduced self-performance appraisal system. College introduced self-performance appraisal system. College made a policy to follow API score for all faculty members. Faculty members who get less than 60% of API				Outcomes/Improvements:
Consultancy: Cumulative during Assessment Years: Amount > 10 lakhs - 5 Marks. Amount >= 8 lakhs and <= 10 lakhs - 4 Marks. Amount >= 6 lakhs and <8 lakhs - 3 Marks. Amount >= 2 lakhs and <6 lakhs - 2 Marks. Amount <= 2 lakhs and <4 lakhs - 1 Marks. Amount <= 2 lakhs and <4 lakhs - 1 Marks. Amount <= 2 lakhs and <5 lakhs - 1 Marks. Amount <= 2 lakhs and <5 lakhs - 1 Marks. Amount <= 2 lakhs and <5 lakhs - 1 Marks. Amount <= 2 lakhs and <5 lakhs - 1 Marks. Amount <= 2 lakhs and <5 lakhs - 1 Marks. Amount <- 2 lakhs - 0 Marks 5.8 Faculty Performance Appraisal and Development System (FPADS) A. A well-defined performance Appraisal and Development System instituted for all the College has tie up with CSI, IEEE , ISTE for consultancy activity. College has tie up with CSI, IEEE , ISTE for consultancy activity. APSSDC sanctioned 37 systems with high end configuration. Actions: College introduced self-performance appraisal system. College made a policy to follow API score for all faculty members. Faculty members who get less than 60% of API				l · · · · · · · · · · · · · · · · · · ·
Cumulative during Assessment Years: Amount > 10 lakhs – 5 Marks. Amount >= 8 lakhs and <= 10 lakhs – 4 Marks. Amount >= 6 lakhs and <8 lakhs – 3 Marks. Amount >= 4 lakhs and <8 lakhs – 2 Marks. Amount >= 2 lakhs and <4 lakhs – 1 Marks. Amount >= 2 lakhs and <4 lakhs – 1 Marks. Amount <= 2 lakhs – 0 Marks 5.8 Faculty Performance Appraisal and Development System (FPADS) A. A well-defined performance Appraisal and Development System instituted for all the Activity College has tie up with CSI, IEEE , ISTE for consultancy Activity. Outcomes/Improvements: APSSDC sanctioned 37 systems with high end configuration. APSSDC sanctioned 37 systems with high end configuration. ACTION: College has tie up with CSI, IEEE , ISTE for consultancy Activity. Outcomes/Improvements: APSSDC sanctioned 37 systems with high end configuration. ACTION: College introduced self-performance appraisal system. College made a policy to follow API score for all faculty members. Faculty members. Faculty members who get less than 60% of API	5.7.4	Consultancy (from industr	ry)	
Amount >= 4 lakhs and < 6 lakhs - 2 Marks. Amount >= 2 lakhs and < 4 lakhs - 1 Marks. Amount < 2 lakhs - 0 Marks 5.8 Faculty Performance Appraisal and Development System (FPADS) A. A well-defined performance Appraisal and Development System (FPADS) A. A well-defined performance Appraisal and Development System instituted for all the System instituted for all the Amount >= 2 lakhs and System (FPADS) Actions: College introduced self-performance appraisal system. College made a policy to follow API score for all faculty members. Faculty members who get less than 60% of API		Cumulative during Assessment Years: Amount > 10 lakhs - 5 Marks. Amount >= 8 lakhs and <= 10 lakhs - 4 Marks. Amount >= 6 lakhs and		 College has tie up with Eduskills , Great Learning and APSSDC for consultancy activity. College has tie up with CSI, IEEE , ISTE for consultancy Activity. Outcomes/I mprovements: APSSDC sanctioned 37 systems with high end
5.8 Faculty Performance Appraisal and Development System (FPADS) A. A well-defined performance Appraisal and Development System instituted for all the A. A well-defined performance in not effective. Actions: College introduced self-performance appraisal system. College made a policy to follow API score for all faculty members. Faculty members who get less than 60% of API		Amount >= 4 lakhs and < 6 lakhs - 2 Marks. Amount >= 2 lakhs and < 4 lakhs - 1 Marks. Amount < 2 lakhs - 0		configuration.
performance Appraisal and Development System instituted for all the not effective. * College introduced self-performance appraisal system. College made a policy to follow API score for all faculty members. * Faculty members who get less than 60% of API	5.8	l	aisal and Developmer	nt System (FPADS)
		performance Appraisal and Development System instituted		 College introduced self-performance appraisal system. College made a policy to follow API score for all faculty members.

	B. Its Implementation and Effectiveness.		 HOD suggests the concerned faculty to take necessary improvements in teaching and learning process. Incentives are provided to faculty members who are getting API score above 90%. Outcomes/Improvements: API score improved for all faculty members. Number of Faculty Members, who get less than 60% of API score, come down.
5.9	Visiting/Adjunct Faculty/Er	meritus Faculty etc.	
	A. Provision of Visiting/Adjunct/Emeritus Faculty etc. B. Minimum 50 hours per year interaction Per year to obtain 3 Marks: 3x3=9	No Evidence Found	Actions: ❖ Instructed to respective class teachers to maintain the records pertaining to Visiting/Adjunct/Emeritus Faculty. Outcomes/Improvements: ❖ Evidence related to Visiting/Adjunct/Emeritus Faculty is maintained.

	Criterion 6: Facilities and Technical Support									
6.2 Ad	lditional facilities created	I for improving the o	quality of learning experience in laboratories							
	A. Availability and relevance of additional facilities B. Facilities utilization and effectiveness	Additional facilities created are limited	Actions: Cisco Networking Academy Lab provides an integrated and comprehensive coverage of networking knowledge with practical hands-on experience on CCNA Routing and Switching. Outcomes/Improvements:							
	C. Relevance to Pos and PSOs		Students will be able to get positions in networking organizations.							
6.4 Pr	oject laboratory									
	Facilities and Utilization	Limited resources and ineffective utilization	Actions: The laboratories are enhanced with full fledged resources and allowed the students to utilize the laboratory beyond the college hours.							
			Outcomes/Improvements:							
			❖ The utilization of laboratories has been increased.							
Criteri	on 7: Continuous Improv	vements.								
7.1 Ac	tions taken based on the	results of evaluation	on of each of the POs & PSOs							
	A. Documentation of POs and PSOs attainment levels. B. Identification of gaps/shortfalls. C. Plan of action to bridge the gap and its Implementation.	Ineffective gap identification and implementation	Action: ❖ Effective gap identification and implementation methods are applied for R15 regulations.							

Assessment shall be based on conduct and action taken in relation to continuous improvement	In-house academic audit is conducted by department faculty and very limited follow up action	 Action: All the faculty members are following actions given by the department audit committee. 					
7.3 Improvement in Place	ement, Higher Studie	•					
A. Improvements in placements.	Cignificant	 Action: Average placement index has been reached to 81% by conducting placement activities. 					
B. Improvement in Higher Education.	Significant improvements are not observed in placement and higher studies. No	 Conducted workshops to encourage young entrepreneurs. 					
C. Improvement in number of Entrepreneurs.	Entrepreneurs observed						

S. No.	Criteria	(During the last Accreditation visit)			
8.2	Qualification of Faculty Teaching First Year Common Courses	Very few PhDs	Actions Taken: Recruited more faculty members with PhD. Outcome: Total 7 faculty members in the department have PhDs and 5 more faculty members are pursuing their PhDs with reputed Universities.		
8.4	Attainment of Course Outcomes of first year courses		Actions Taken:		
8.4.1	Describe the assessment process used to gather the data upon which the evaluation of Course Outcomes of first yea is based	Indirect assessment not done	First, we conducted brainstorming session for all faculty members on usage of assessment tools to measure CO. Second, we made a policy to have direct		
8.4.2	Record of attainment of Course Outcomes of all first year courses		assessment tools and indirect assessment tools to measure CO attainment.		
8.5	Attainm of Progra ent of all m first Outcome yea s r courses	End semester marks are wrongly contributing to all	Actions Taken: First, we had made a policy to adopt JNTUA pattern of 30:70 for CIE and SEE respectively.		
8.5.1	Indicate results of evaluation of each relevant PO/PSO	Cos	Second, action has been taken to make the COs, POs to be effective to evaluate the end semester marks.		
8.5.2	Actions taken based on the results of evaluation of relevant PO/PSOs	Actions not linked with attainment	Actions Taken: Necessary actions are taken based on the results of evaluation of relevant PO/PSOs and they are considered while evaluating the		

			attainment of PO/PSOs.				
9.7	Co-curricular and	No sports facilities	Actions Taken:				
	Extra- curricular Activities	for girls	First, awareness program had been conducted for girl students on the importance of sports and games.				
) Sports facilities have been created for girls such as Throw Ball, Tennikoit, Shuttle, carromsetc.,				
			Outcome:				
			Girl students had been actively participated and won gold medals in chess, kabaddi, throw ball and taekwondo.				
			Actions Taken:				
10.3.1	Adequacy of budget allocation	There is more expenditure than earning for last few					
		years	Second, Principal verifies previous years' budget allocation and utilization and allocate the budget for the next financial year to have proper planning for expenditure.				
		Salaries are low and	(Income for the institution may fluctuate because of uneven release of fee reimbursement from Government.) Actions Taken:				
10.3.2	Utilization of allocated funds	no pay structure is being followed	Now 6 th pay scales are implemented.				
			Actions Taken:				
10.4.1	Quality of learning resources (hard/soft)	Students need more library access hours	Digital Library is provided. Online Video lectures of NPTEL and Delnet are encouraged and had applied for different platforms for accessing the library.				
			ICT Academy journals also subscribed.				
			Outcomes: Students are using the library hours apart from their college timings.				
			Besides this, J-GATE Consortium and other platforms had been accessed by our students.				

Declaration

It is hereby declared that information provided in this Compliance Report is factually correct. I understand and agree that an appropriate action against the Institute will be initiated by the NBA (which may include debarring the institution for three years), in case any false statement/information is observed during the assessment of the compliance report.

Date: 23/02/2022 Place: Anarthymana

Signature & Name

Head of the Institution with seal

Principal

Srinivasa Ramanujan Institute of Technology (Autonomous) Ananthapuramu - 515 701, A.P.

Appendices

Appendix I: Details of Faculty Members Academic Year: 2021-22

	Academic Year: 2021	-22									
S. No.	Name	PAN No.	Qualification	Area Specialization	Date of Joining	Designation	Date on which Designated as Professor/Associat e Professor	Currently Associated (Y/N)	Nature of Association (regular/Contract/ Adjunct)	If contractual mention Full time or Part time	Date of Leaving (In case Currently
1.	Mr.P.Veera Prakash	BFEPP7504Q	M.Tech	CSE	02/12/2010	Assistant Professor		Y	Regular		
2.	Dr.M. Ranjith Reddy	ARCPM5582G	Ph.D	CSE	24/09/2008	Professor		Υ	Regular		
3	Dr. G. K. Venkata Narasimha Reddy	AKSPR9950N	Ph.D	CSE	01/06/2013	Professor		Υ	Regular		
4	Dr.B. Lakshmi Narayana Reddy	AORPB5696N	Ph.D	CSE	19/12/2016	Professor		у	Regular		
5	Dr.T.Venkata Naga Jayudu	AFCPN3654G	Ph.D	CSE	19/06/2017	Associate Professor	24/08/2021	Υ	Regular		
6	Dr. G. Hemanth Kumar Yadav	ADZPY0804A	Ph.D	CSE	23/06/2017	Associate Professor	02/08/2021	Y	Regular		
7	Dr.C. Sasikala	AMCPC2757Q	Ph.D	CSE	22/08/2019	Associate Professor		Υ	Regular		
8	Dr.P.Chitralingappa	BMMPP1868A	Ph.D	CSE	19/08/2019	Associate Professor	23/02/2021	Υ	Regular		
9	Dr.B.Hari Chandana	AWPPC2071A	Ph.D	CSE	10/08/2020	Associate Professor		Υ	Regular		
10	Mr.L. Suman	ACSPL5991M	M.Tech	CSE	01/08/2010	Assistant Professor		Υ	Regular		
11	Mr.M.Narasimhulu	AHFPN9403L	M.Tech	CSE	12/05/2011	Assistant Professor		Y	Regular		
12	Mr.T.Murali krishna	BDRPK8998N	M.Tech	CSE	16/08/2019	Assistant Professor		Y	Regular		
13	Mr.G. Chinna Pullaiah	BCYPP5729C	M.Tech	CSE	01/01/2014	Assistant Professor		Y	Regular		
14	Mr. C. Sudheer Kumar	FJQPS1079R	M.Tech	CSE	04/01/2014	Assistant Professor		Υ	Regular		
15	Mrs.M.Madhavi	BIJPM3818A	M.Tech	CSE	02/11/2015	Assistant Professor		Υ	Regular		
16	Mrs.M.Soumya	BGVPM2175C	M.Tech	CSE	02/07/2016	Assistant Professor		Y	Regular		

17	Mr.K.Kondanna	AUJPK6369B	M.Tech	CSE	14/08/2020	Assistant Professor	Y	Regular
18	Mrs.T.Kavitha	DZKPK2020L	M.Tech	CSE	02/02/2015	Assistant Professor	Y	Regular
19	Mr.B. Sreedhar	BIWPB389 5G	M.Tech	CSE	02/01/2017	Assistant Professor	Y	Regular
20	Mrs.G.Shabana	PTHPS2812D	M.Tech	CSE	21/06/2017	Assistant Professor	Y	Regular
21	Mr.Nazeer Shaik	ANMPN2381A	M.Tech	CSE	23/08/2021	Assistant Professor	Y	Regular
22	Mr.K. Venkatesh	BXFPK4172E	M.Tech	CSE	12/08/2020	Assistant Professor	Y	Regular
23	Mrs.V. Sujatha	CVUPS1384Q	M.Tech	CSE	12/08/2020	Assistant Professor	Y	Regular
24	Mrs.N. Ushasree	AUQPN9416K	M.Tech	CSE	23/08/2021	Assistant Professor	Y	Regular
25	Mrs.K. Uma Devi	AUIPU1221Q	M.Tech	CSE	23/08/2021	Assistant Professor	Y	Regular
26	Mr.K. Lokeshnath	Cvwpk3461n	M.Tech	CSE	17/08/2020	Assistant Professor	Y	Regular
27	Ms.K.Sruthi	FRBPS9918C	M.Tech	CSE	12/08/2020	Assistant Professor	Y	Regular
28	Mrs.P.Rohini	BRDPP8108H	M.Tech	CSE	14/08/2020	Assistant Professor	Y	Regular
29	Mr.A.Erriswami Reddy	BHGPR5471J	M.Tech	CSE	01/06/2019	Assistant Professor	Y	Regular
30	Mrs.K.Hemalatha	ANYPH1378R	M.Tech	CSE	15/06/2018	Assistant Professor	Y	Regular
31	Mr. A. Bala Ankanna	BGKPB8783J	M.Tech	CSE	09/09/2017	Assistant Professor	Y	Regular
32	Mrs. G. Nagaleela	AMTPN8572B	M.Tech	CSE	02/08/2021	Assistant Professor	Y	Regular
33	Mrs. S. Sunitha	BTMPS9278N	M.Tech	CSE	06/08/2021	Assistant Professor	Y	Regular
34	Mrs .P. Manjeera	ВЈРРРО851Н	M.Tech	CSE	22/03/2021	Assistant Professor	Y	Regular

Academic Year: 2020-21

S. No.	Name	PAN No.	Qualification	Area of Specialization	Date of Joining	Designation	Date on which Designated as Professor/Associate Professor	Currently Associated (Y/N)	Nature of Association (regular/Contract/Adjunct)	If contractual mention Full time or Part time	Date of Leaving (In case Currently Associated is "No")
1	Dr.T. Hitendra Sarma	CIQPS0707L	Ph.D	Pattern Recog nition	02/07/2012	Associate Professor	02/07/2012	No	regular		17/03/20 21
2	Dr. G. K. Venkata Narasimha Reddy	AKSPR9950N	Ph.D	Mobile Adhoc Network S	01/06/2013	Professor	01/08/2014	Y	regular		
3	Dr.M. Ranjith Reddy	ARCPM5582G	Ph.D	Data Mining	24/09/2008	Professor	01/08/2020	Υ	regular		
4	Mr.M. Narasimhulu	AHFPN9403L	M.Tech	CSE	12/05/2011	Assistant Professor		Y	regular		
5	Mr.T.Venkata Naga Jayudu	AFCPN3654G	M.Tech	CSE	19/06/2017	Assistant Professor		Y	regular		
6	Mr.L.Suman	ACSPL5991M	M.Tech	CSE	01/08/2010	Assistant Professor		Υ	regular		
7	Mr. G. Hemanth Kumar Yadav	ADZPY0804A	M.Tech	CSE	23/06/2017	Assistant Professor		Y	regular		
8	Mr.P. Veera Prakash	BFEPP7504Q	M.Tech	CSE	02/12/2010	Assistant Professor		Y	regular		
9	Mr.G. Chinna Pullaiah	BCYPP5729C	M.Tech	CSE	01/01/2014	Assistant Professor		Y	regular		
10	Mrs.S.L. Sailaja	BJGPS3630A	M.Tech	CSE	03/07/2015	Assistant Professor		NO	regular		30/03/20 21
11	Mr.C. Sudheer Kumar	FJQPS1079R	M.Tech	CSE	04/01/2014	Assistant Professor		Υ	regular		
12	Mrs.M.Madhavi	BIJPM3818A	M.Tech	CSE	02/11/2015	Assistant Professor		Υ	regular		

13	Mrs.G.Shabana	PTHPS2812D	M.Tech	CSE	21/06/2017	Assistant Professor		Υ	Regular	
14	Mrs.M. Soumya	BGVPM2175C	M.Tech	CSE	02/07/2016	Assistant Professor		Υ	regular	
15	Mr.B. Sreedhar	BIWPB3895G	M.Tech	CSE	02/01/2017	Assistant Professor	_	Υ	regular	
16	Mrs.T. Kavitha	DZKPK2020L	M.Tech	CSE	02/02/2015	Assistant Professor		Υ	regular	
17	Mr. A. Bala Ankanna	BGKPB8783J	M.Tech	CSE	09/09/2017	Assistant Professor		Υ	regular	
18	Mr. B. Nanda Kiran Reddy	BVBPB6198M	M.Tech	CSE	01/01/2018	Assistant Professor		NO	regular	30/06/20 21
19	Mrs.K.Hemalatha	ANYPH1378R	M.Tech	CSE	15/06/2018	Assistant Professor		Y	regular	
20	Mr.G.Siva Krishna	DQAPS5424R	M.Tech	CSE	01/06/2019	Assistant Professor		NO	regular	30/06/20 21
21	Mr. A. Erriswami Reddy	BHGPR5471J	M.Tech	CSE	01/06/2019	Assistant Professor		Υ	regular	
22	Mrs.K. Sudha Kumari	DRFPS9933D	M.Tech	CSE	12/06/2019	Assistant Professor		NO	regular	30/06/20 21
23	Dr.C. Sasikala	AMCPC2757Q	Ph.D	CSE	22/08/2019	Associate Professor		Υ	regular	
24	Mr.T. Muralikrishna	BDRPK8998N	M.Tech	CSE	16/08/2019	Assistant Professor		Υ	regular	
25	Dr.P. Chitralingappa	BMMPP1868A	M.Tech	CSE	19/08/2019	Associate Professor	09/02/2021	Υ	regular	
26	Mr. K. Kondanna	AUJPK6369B	M.Tech	CSE	14/08/2020	Assistant Professor		Υ	regular	
27	Ms. K. Sruthi	FRBPS9918C	M.Tech	CSE	12/08/2020	Assistant Professor		Υ	regular	
28	Mrs.P. Rohini	BRDPP8108H	M.Tech	CSE	14/08/2020	Assistant Professor		Υ	regular	
29	Dr. B. Hari Chandana	AWPPC2071A	Ph.D	CSE	10/08/2020	Associate Professor		Υ	regular	
30	Mr. K. Venkatesh	BXFPK4172E	M.Tech	CSE	12/08/2020	Assistant Professor		Υ	regular	
31	Mrs. V. Sujatha	CVUPS1384Q	M.Tech	CSE	04/01/2021	Assistant Professor		Υ	regular	
32	Mr.Y. Mahanandi	AWZPY0364Q	M.Tech	CSE	17/08/2020	Assistant Professor		NO	regular	01/05/20 21
33	Mr.K. Lokeshnath	CVWPK3461N	M.Tech	CSE	17/08/2020	Assistant Professor		Υ	regular	

S. No.	Name	PAN No.	Qualification	Area of Specialization	Date of Joining	Designation	Date on which Designated as Professor/Associate Professor	Currently Associated (Y/N)	Nature of Association (regular/Contract/Adjunct)	If contractual mention Full time or Part time	Date of Leaving (In case Currently Associated is "No")
1	Dr. T. Hitendra Sarma	CIQPS0707L	Ph.D	Patter n Recog nition	02/07/2012	Associate Professor	02/07/2012	NO	regular		17-03- 2021
2	Dr.G.K.Venkata Narasimha Reddy	AKSPR9950N	Ph.D	Mobile Adhoc Networ Ks	01/06/2013	Professor	01/08/2014	Y	regular		
3	Dr.B. Lakshmi Narayana Reddy	AORPB5696N	Ph.D	CSE	19/12/2016	Professor	05/08/2016	Y	regular		
4	Dr.M. Ranjith Reddy	ARCPM5582G	M.Tech	Data Mining	24/09/2008	Associate Professor	01/08/2019	Υ	regular		
5	Mr.M. Narasimhulu	AHFPN9403L	M.Tech	CSE	12/05/2011	Assistant Professor		Υ	regular		
6	Mr.T.Venkata Naga Jayudu	AFCPN3654G	M.Tech	CSE	19/06/2017	Assistant Professor		Y	regular		
7	Mr.G. Hemanth Kumar Yadav	ADZPY0804A	M.Tech	CSE	23/06/2017	Assistant Professor		Y	regular		
8	Mr.L. Suman	ACSPL5991M	M.Tech	CSE	01/08/2010	Assistant Professor		Y	regular		
9	Mr.P. Veera Prakash	BFEPP7504Q	M.Tech	CSE	02/12/2010	Assistant Professor		Y	regular		

10	Mr. G. Chinna Pullaiah	BCYPP5729C	M.Tech	CSE	01/01/2014	Assistant Professor	Y	regular	
11	Mrs. S. L. Sailaja	BJGPS3630A	M.Tech	CSE	03/07/2015	Assistant Professor	NO	regular	30-03- 2021
12	Mr. C. Sudheer Kumar	FJQPS1079R	M.Tech	CSE	04/01/2014	Assistant Professor	Y	regular	
13	Mrs.T.Kavitha	DZKPK2020L	M.Tech	CSE	02/02/2015	Assistant Professor	Y	regular	
14	Mrs.M.Madhavi	BIJPM3818A	M.Tech	CSE	02/11/2015	Assistant Professor	Y	regular	
15	Mrs.M.Soumya	BGVPM2175C	M.Tech	CSE	02/07/2016	Assistant Professor	Y	regular	
16	Mr.B.Sreedhar	BIWPB3895G	M.Tech	CSE	02/01/2017	Assistant Professor	Y	regular	
17	Ms. G. Shabana	FTHPS2812D	M.Tech	CSE	21/06/2017	Assistant Professor	Υ	regular	
18	Mr. K. Varun Kumar Reddy	DJWPK6942K	M.Tech	CSE	21/06/2017	Assistant Professor	NO	regular	27-11- 2020
19	Mr. A. Bala Ankanna	BGKPB8783J	M.Tech	CSE	09/09/2017	Assistant Professor	Y	regular	
20	Mr.B.Nanda Kiran Reddy	BVBPB6198M	M.Tech	CSE	01/01/2018	Assistant Professor	NO	regular	30-06- 2021
21	Ms.K. Hemalatha	ANYPH1378R	M.Tech	CSE	15/06/2018	Assistant Professor	Y	regular	
22	Ms.B. Sujana	FWIPS4180J	M.Tech	CSE	18/06/2018	Assistant Professor	NO	regular	30-11- 2020
23	Mr.R.Sandeep Kumar	AROPR7812C	M.Tech	CSE	18/06/2018	Assistant Professor	NO	regular	11-05- 2020
24	Mr.G.Siva Krishna	DQAPS5424R	M.Tech	CSE	01/06/2019	Assistant Professor	NO	regular	30-06- 2021
25	Mr.A.Erriswami Reddy	BHGPR5471J	M.Tech	CSE	01/06/2019	Assistant Professor	Y	regular	
26	Mrs.K.Sudha Kumari	DRFPS9933D	M.Tech	CSE	12/06/2019	Assistant Professor	NO	regular	30-06- 2021
27	Dr.C. Sasikala	AMCPC2757Q	Ph.D	CSE	22/08/2019	Associate Professor	Y	regular	
28	Mr.T. Murali Krishna	BDRPK8998N	M.Tech (PhD)	CSE	16/08/2019	Assistant Professor	Y	regular	
29	Mr.P. Chitralingappa	BMMPP1868A	M.Tech (Ph.D)	CSE	19/08/2019	Assistant Professor	Y	regular	

Appendix-II
Participations by Faculty development/training activities/STTPs

Name of the Faculty	Participated in (Type of the event)	Details of the Event	Month & Year
Dr. T. Hitendra Sarma	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination Department recognized by AICTE at SRIT	One Week (26-06-2019 to 02-07-2019)
Dr.B. Lakshminarayana Reddy	FDP	Digital Security at Ramaiah Institute of Technology, Bangalore	Three Days (17-10-19 to 19-10-2019)
Dr. G. K. Venkata Narasimha Reddy	FDP	Data Science & Big data Analytics sponsored by AICTE at G. Pulla Reddy Engineering college, Kurnool	Two Weeks (26-08-2019 to 7-9-2019)
Dr. G. K. Venkata Narasimha Reddy	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination Department recognized by AICTE at SRIT	One Week (26-06-2019 to 02-07-2019)
Dr. G. K. Venkata Narasimha Reddy	FDP	Block chain Technology the future of cyber security; Sponsored by ICPS Division of DST,GOI organized by NIT Warangal.	Two Weeks (02-12-2019 to 14-12-2019)
Dr. M. Ranjith Reddy	FDP	Deep Learning using Python; sponsored by TEQIP-III in association of IEEE CIS/GRSS Jt. Chapter at JNTUA.	Two Days (23.3.2019 to 24.03.2019)
Dr. M. Ranjith Reddy	FDP	All and Deep Learning; sponsored by SRIT in association with Bennett University in association with IEEE &IEI at SRIT	Two Days (20.4.2019 to 21.04.2019)
Dr. M. Ranjith Reddy	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination Department recognized by AICTE at SRIT	One Week (26-06-2019 to 02-07-2019)
Mr. M. Narasimhulu	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by	One Week (26-06-2019 to 02-

		Information Management and Coordination Department recognized by AICTE at SRIT	07-2019)
Mr. G. Hemanth Kumar Yadav	FDP	Al and Deep Learning; sponsored by SRIT in association with Bennett University in association with IEEE &IEI at SRIT	Two Days (20.4.2019 to 21.04.2019)
Mr. G. Hemanth Kumar Yadav	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination Department recognized by AICTE at SRIT	One Week (26-06-2019 to 02-07-2019)
Mr. G. Hemanth Kumar Yadav	FDP	Cloud, Fog and Edge computing ; conducted by NITTR Chandigarh	one week (14-4-2020 to 18-04-2020)
Mr. G. Hemanth Kumar Yadav	FDP	Python Programming; organized by Geethanjali Institute of Technology ,Nellore	one week (11-05-2020 to 16-05- 2020)
Mr. L. Suman	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination Department recognized by AICTE at SRIT	One Week (26-06-2019 to 02-07-2019)
Mr. L. Suman	FDP	Artificial Intelligence& Machine learning; organized by Vemu Institute of Technology &Sciences, Chittoor	One Week (25-5-2020 to 29-5-20)
Mr. P. Veera Prakash	FDP	Deep Learning using Python; sponsored by TEQIP-III in association of IEEE CIS/GRSS Jt. Chapter at JNTUA.	Two Days (23.3.2019 to 24.03.2019)
Mr. P. Veera Prakash	FDP	Al and Deep Learning; sponsored by SRIT in association with Bennett University in association with IEEE &IEI at SRIT	Two Days (20.4.2019 to 21.04.2019)
Mr. P. Veera Prakash	FDP	Data Science & Big data Analytics sponsored by AICTE at G. Pulla Reddy Engineering college, Kurnool	Two Weeks (26-08-2019 to 7-9-2019)
Mr. P. Veera Prakash	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination	One Week (26-06-2019 to 02-07-2019)

		Department recognized by AICTE at SRIT	
Mr. P. Veera Prakash	FDP	Deep Learning —Part 1 through NPTEL online course	12 Weeks
Mr. P. Veera Prakash	FDP	Computer Vision using convolution Neural Networks; organized by Anurag University on 8-06-2020	3-Days
Mr. P. Veera Prakash	FDP	Machine Learning ; organized by Lakkireddy Ballireddy Engineering college	5-days (1-6-2020 to 5-06-2020)
Mr. G. Chinna Pullaiah	FDP	All and Deep Learning; sponsored by SRIT in association with Bennett University in association with IEEE &IEI at SRIT	Two Days (20.4.2019 to 21.04.2019)
Mr. G. Chinna Pullaiah	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination Department recognized by AICTE at SRIT	One Week (26-06-2019 to 02-07-2019)
Mrs. S. L. Sailaja	FDP	All and Deep Learning; sponsored by SRIT in association with Bennett University in association with IEEE &IEI at SRIT	Two Days (20.4.2019 to 21.04.2019)
Mrs. S. L. Sailaja	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination Department recognized by AICTE at SRIT	One Week (26-06-2019 to 02-07-2019)
Mrs. S. L. Sailaja	FDP	Artificial Intelligence and its Applications; recognized by AICTE and organized at NIT Warangal, Telangana State	Five Days (16-09-2019 to 20-09-2019)
Mr. C. Sudheer Kumar	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination Department recognized by AICTE at SRIT	One Week (26-06-2019 to 02-07-2019)
Mr. C. Sudheer Kumar	FDP	PHP&MYSQL ; organized by JNTUH College of engineering	one week (18-5-2020 to 23-5- 2020)

Mrs. M. Soumya	FDP	AI and Deep Learning; sponsored by SRIT in association with Bennett University in association with IEEE &IEI at SRIT	Two Days (20.4.2019 to 21.04.2019)
Mrs. M. Soumya	FDP	Network Data Analytics-Hands on Approach for Application Development ; under AICTE Sponsored Margadarshana Scheme organized by MS Ramaiah Institute of Technology, Bengaluru.	One Week (01-07-19 to 05-07-19)
Mrs. M. Soumya	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination Department recognized by AICTE at SRIT	One Week (26-06-2019 to 02-07-2019)
Mr. B. Sreedhar	FDP	All and Deep Learning; sponsored by SRIT in association with Bennett University in association with IEEE &IEI at SRIT	Two Days (20.4.2019 to 21.04.2019)
Mr. B. Sreedhar	FDP	Network Data Analytics-Hands on Approach for Application Development ; under AICTE Sponsored Margadarshana Scheme organized by MS Ramaiah Institute of Technology, Bengaluru.	One Week (01-07-19 to 05-07-19)
Mr. B. Sreedhar	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination Department recognized by AICTE at SRIT	One Week (26-06-2019 to 02-07-2019)
Mr. B. Sreedhar	FDP	Data Sciences ; Sponsored by AICTE Training and Learning (ATAL) Academy, at IIITDM Kurnool	Five Days (21-11-2019 to 25-11-2019)
Mr. B. Sreedhar	FDP	R Programming ; organized by Sathyabhama Institute of science and technology	four days (04-5-2020 to 8-5-2020)
Mr. B. Sreedhar	FDP	Artificial Intelligence& Machine Learning; organized by CMR Technical campus	5-days (18-05-2-020 to 22-05- 2020)

Mr. K. Varun Kumar Reddy	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination Department recognized by AICTE at SRIT	One Week (26-06-2019 to 02-07-2019)
Mr. K. Varun Kumar Reddy	FDP	Artificial Intelligence; Sponsored by AICTE Training and Learning (ATAL) Academy Programme at IIITDM, Kurnool,	Five Days (28-11-2019 to 02-12-2019)
Ms. B. Sujana	FDP	All and Deep Learning; sponsored by SRIT in association with Bennett University in association with IEEE &IEI at SRIT	Two Days (20.4.2019 to 21.04.2019)
Ms. B. Sujana	FDP	Network Data Analytics-Hands on Approach for Application Development ; under AICTE Sponsored Margadarshana Scheme organized by MS Ramaiah Institute of Technology, Bengaluru.	One Week (01-07-19 to 05-07-19)
Ms. B. Sujana	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination Department recognized by AICTE at SRIT	One Week (26-06-2019 to 02-07-2019)
Mr. R. Sandeep Kumar	FDP	NBA/NACC Accreditation process for technical institutions at M S Ramaiah Institute of Technology, Bangalore.	One week (2018)
Mr. R. Sandeep Kumar	FDP	Network Data Analytics-Hands on Approach for Application Development ; under AICTE Sponsored Margadarshana Scheme organized by MS Ramaiah Institute of Technology, Bengaluru.	One Week (01-07-19 to 05-07-19)
Mr. R. Sandeep Kumar	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination Department recognized by AICTE at SRIT	· ·
Mr.R.Sandeep Kumar	FDP	Data Sciences ; Sponsored by AICTE Training and Learning (ATAL) Academy, at	Five Days (21-11-2019 to 25-11-2019)

		IIITDM Kurnool	
Ms. C. Rekha	FDP	Research Methodology and Data Analysis; sponsored by TEQIP-III	One Week (23-09-2019 to 28-09-2019)
Mrs. T.Kavitha	FDP	Research Methodology and Data Analysis; sponsored by TEQIP-III	One Week (23-09-2019 to 28-09-2019)
Mrs. T.Kavitha	FDP	Introduction to Internet of things and Cloud Computing through NPTEL online course	12 Weeks
Mr. T. Murali Krishna	FDP	Artificial Intelligence; Sponsored by AICTE Training and Learning (ATAL) Academy Programme at IIITDM, Kurnool,	Five Days (28-11-2019 to 02-12-2019)
Mr. T. Murali Krishna	FDP	Artificial Intelligence ; organized by Narayanamma Institute of Technology & Sciences, Hyderabad.	One Week (22-05-2020 to 26-05-2020)
Mr. P. Chitralingappa	FDP	Data Science and Cloud Computing organized by Chebrolu Engineering College	5 Days (18-05-2020 to 22 -05- 2020)
Mr. P. Chitralingappa	FDP	Image Authentication, WSN & IoT; organized by JIS College of Engineering, West Bengal	One Week (22 -06-2020 to 26 - 06-2020)
Ms. K.Hemalatha	FDP	Al and Deep Learning; sponsored by SRIT in association with Bennett University in association with IEEE & IEI at SRIT	Two Days (20.4.2019 to 21.04.2019)
Ms. K.Hemalatha	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination Department recognized by AICTE at SRIT	One Week (26-06-2019 to 02-07-2019)
Ms.Hema Latha K	STTP	Machine Learning and Its applications; Sponsored by AICTE at Anurag Group of Institutions, Hyderabad.	One Week (18-11-2019 to 23-11-2019)
Mr. T. Venkata Naga Jayudu	FDP	Deep Learning using Python ;	Two Days (23.3.2019 to

		sponsored by TEQIP-III in association of IEEE CIS/GRSS Jt. Chapter at JNTUA.	24.03.2019)
Mr. T. Venkata Naga Jayudu	Short Term Course	Effective Teaching Methods using ICT and Digital Pedagogy; Conducted by Information Management and Coordination Department recognized by AICTE at SRIT	One Week (26-06-2019 to 02-07-2019)
Dr. B. Lakshmi Narayana Reddy	FDP(Coordinator)	Cyber security and Blockchain Technology Phase -II organized by the Department of CSE, SRIT, Ananthapur	13 days (14-06-2021 to 26-07-2021)
Dr. G. K. V. Narasimha Reddy	FDP	AICTE FDP training programme on Cyber Security & Blockchain Technology Phase-1 organized by the Department of CSE, SRIT, Ananthapur	13 days (17/05/2021 to 29/052021)
Dr. M. Ranjith Reddy	FDP	Data Science using R (Online Live FDP) conducted by ICT Academy on	5 days (08th March 2021 to 12 March 2021)
Mr. M. Narasimhulu	course	Cisco Networking Academy achieved instructor level credential for completing the Devnet Associate course	19-11-2020
Mr. M. Narasimhulu	FDP	Cyber Security & Blockchain Technology Phase-II organized by the Department of CSE, SRIT, Ananthapur.	13 days (14-06-2021 to 26-07-2021)
Dr. C. Sasikala	Course	Completed course on Google Cloud Platform from Coursera	September, 2020
Dr. C. Sasikala	FDP	Opportunities in Artificial intelligence and Enabling technologies for Internet of Things (IoT): organized by Dept. of CSE, JNTUACEA.	12 days (12 th October to 23 rd October ,2020)
Dr. C. Sasikala	FDP	AICTE Recognized FDP on Data Science using Python conducted by Computer Science and Engineering Department NITTR, Chandigarh.	5 days (03-05-2021 to 07-05- 2021)

Mr. P. Chitralingappa	course	Completed course on "Google Cloud Platform" from Coursera	September, 2020
Dr. P. Chitra Lingappa	FDP	Data Science using R(Online Live FDP) conducted by ICT Academy	5 days (08th March 2021 to 12 March 2021)
Dr. P. Chitra Lingappa	FDP	Cyber Security & Blockchain Technology Phase-II organized by the Department of CSE, SRIT, Ananthapur	13 days (14-06-2021 to 26-07-2021)
Dr. B. Hari Chandana	STTP	PYTHON PROGRAMMIING: organized by department of CSE Giani Zail Singh Campus college of Engineering & Technology, Maharaja Ranjit Singh Punjab Technical University Bathinda (Punjab)	6 days (15th to 20th march 2021)
Dr. B .Hari Chandana	FDP	Cyber Security & Blockchain Technology Phase-1 from organized by the Department of CSE, SRIT, Ananthapur.	13 days (17/05/2021 to 29/052021)
Mr L. Suman	FDP	E-Content Development: jointly organized by IIITDM, Kurnool and IIIT, Tiruchirappalli.	5 days (08 th September, 2020 to 12 th September 2020)
Mr. L. Suman	FDP	Cyber Security & Blockchain Technology Phase-1 organized by the Department of CSE, SRIT, Ananthapur.	13 days (17/05/2021 to 29/052021
Mr. P. Veera Prakash	NPTEL Online Certificate	Introduction to Research	Sep-nov 2020
Mr. P. Veera Prakash	Workshop	Agile and Scrum workshop under EPAM Systems India Pvt.Ltd	30 days (Oct31, 2020 to Nov 31,2020)
Mr. G. Chinna Pullaiah	FDP	Cyber Security & Blockchain Technology Phase-1 organized by the Department of CSE, SRIT, Ananthapur.	13 days (17/05/2021 to 29/052021
Mrs. S.L.Sailaja	Course	RHCSA Training	5 days (28 -09-2020 to 02-10- 2020)

Mr. C .Sudheer Kumar	workshop	Computational Intelligence and Machine Learning Applications	6 days (18-12-2020 to 23-12- 2020)
Mr. C. Sudheer Kumar Technology		Cyber Security & Blockchain Technology Phase-1 organized by the Department of CSE, SRIT, Ananthapur.	13 days (17/05/2021 to 29/052021
Mrs. M. Soumya	FDP	Cyber Security & Blockchain Technology Phase-1 organized by the Department of CSE, SRIT, Ananthapur.	13 days (17/05/2021 to 29/052021
Mrs. M. Soumya	course	Foundations of Artificial Intelligence an industry recommended and validated course aligned to NASSCOM Foundation in association with FutureSkills Prime.	14-05-2021
Mr. B. Sreedhar	course	What is Data Science? an online non credit course authorized by IBM and offered through coursera	20-02-2021
Mr. B .Sreedhar	STTP	Recent Trends in CSE phase-1: organized by department of CSE at St Mar's Women Engineering college ,AndhraPradesh	6 days (22-02-2021 to 27-02- 2021)
Mr. B. Sreedhar	course	16.5 total hours of Introduction to R programming online course from UDEMY	16-05- 2021.
Mr. B. Sreedhar	FDP	Cyber Security & Blockchain Technology Phase -II Organised by Department of CSE, SRIT, Anathapuramu Sponsored by AICTE, New Delhi from	13 days (14 -06-2021 to 26 – 06-2021)
Ms. Hemalatha Karamala	Course	Structuring Machine Learning Projects from Coursera	09 – 08- 2020
Ms. Hemalatha Karamala	FDP	Data Science with Deep Learning using Python Organized by Asset Plus Consulting(#startup India)	13 days(06 th July, 2020 to 18 th July, 2020)
Ms. Hemalatha Karamala	FDP	Data Analytics and Machine Learning using R and Python: Organized by Department of CSE, JNTUACEA, Anantapuramu.	6 days(13 th July, 2020 to 18 th July, 2020)
Mr .T .Murali Krishna	FDP	Introduction to Data Mining and Machine Learning: organized by G Pulla Reddy Engineering College (Autonomous),	7 days (09 th July, 2020 to 15 th July, 2020)

		Kurnool	
Mr. T .Murali Krishna	FDP	Outcome Based Education : organized by Chalapathi Institute of Engineering &Technology, Guntur	3 days(09-07-2020 to 11-07- 2021)
Mr. T. Murali krishna	Training	Data Science using Python Programming : organized by IIPM-Kansbahal,Odisha	6 days (21-02-2021 to 26-02- 2021)
Mrs. K. Sudha Kumari	FDP	Cyber Security & Blockchain Technology Phase-1 organized by the Department of CSE, SRIT, Ananthapur.	13 days (17/05/2021 to 29/052021)
Mr. K. Venkatesh	FDP	Machine Learning on Recent Trends and Applications phase-1 conducted by the department of ECE, SRIT, Ananthapur.	6 days (10-05-2021 to 15-05- 2021)
Mr. K. Venkatesh	Course	Master Class On Machine Learning at Pantech Prolabs India Pvt Ltd	5 days (may 17th to 21st may 2021)
Mr. K. Venkatesh	Course	Master Class On Deep Learning at Pantech Prolabs India Pvt Ltd	5 days (24 th May to 28 th May, 2021)
Mr. K. Venkatesh	FDP	Introduction to Angular Js conducted by ICT Academy on	5 days (24 th May to 28 th May, 2021)
Mr. K. Venkatesh	FDP	AICTE Recognized FDP on Machine Learning on Recent Trends and Applications phase-II conducted by the department of ECE, SRIT, Ananthapur.	5 days (24-05-2021 to 28-05- 2021)
Mr. K. Venkatesh	STTP	Data Science & Machine Learning organized by the Department of CSE, NIT, Kolkata.	5 days (07/06/2021 to 11/06/2021)
Mr. K. Venkatesh	FDP	Fundamentals of AI (Online LIVE FDP) conducted by ICT Academy on	5 days (14 Jun 2021 to 18 Jun 2021)
Mr. K. Venkatesh	FDP	ATAL Academy online FDP on Artificial Intelligence and Machine Learning using Python at Engineering College Bikaner	<u>5 days</u> (21-06-2021 to 25-06-2021)

Mr. K. Venkatesh	FDP	Cyber Security on Blockchain Technology(Phase - II) organized by the CSE Dept, SRIT.	13 days (14-06-2021 to 26-06- 2021)
Ms .K. Sruthi	FDP	Cyber Security and Forensic Tools-I held at sawai madhopur college of engineering & tecnology.	5 days (22-26 february 2021)
Ms. K. Sruthi	Course	Foundations of Artificial Intelligence an industry recommended and validated course aligned to NASSCOM Foundation in association with FutureSkills Prime.	10th May ,2021
Ms. K. Sruthi	Course	Machine Learning-Linear Regression an industry recommended and validated course aligned to NASSCOM Foundation in association with FutureSkills Prime	10th May,2021
Mr. K. Lokeshnath	Course	Foundations of Artificial Intelligence an industry recommended and validated course aligned to NASSCOM Foundation in association with FutureSkills Prime.	14th May ,2021
Mrs. T. Divya Vani	FDP	Cyber Security & Blockchain Technology Phase-1 organized by the Department of CSE, SRIT, Ananthapur.	13 days (17/05/2021 to 29/052021
Mr. K. Kondanna	STTP	Deep Learning & Cyber Security -Phase 1: organized by department of CSE MITS madanapalle during	6 days (22nd-27th february 2021)
Mr. K .Kondanna	workshop	Data Science: hosted by Andhra Pradesh state skill Development Corporation in Assoiation with pantech learning chennai.	2 days (12 and 13th february 2021)
Mr. K. Kondanna	FDP	Introduction to Python Programming conducted by ICT Academy	6 days (29 march to 03 april 2021)
Mr. K. Kondanna	FDP	Applications of Machine Learning" organized by the Dept. of CSE, Shri Vishnu Engineering College for Women(A), Bhimavaram	5 days (15-06-2021 to 19-06-2021)
Mr. K. Kondanna	course	Microsoft AI Class Room Series	25-06-2021
Mrs. K. Sujatha	FDP	Cyber Security & Blockchain Technology Phase-II organized by the Department of CSE, SRIT, Ananthapur.	5 days (07/06/2021 to 11/06/2021)

Mrs. V. Sujatha conducted by the department of ECE, (10-05-2021 to 15-05-2021)			Machine Learning Recent Trends and	6 days
SRIL Ananthapur.	Mrs. V. Sujatha	FDP	Applications phase-1 conducted by the department of ECE, SRIT, Ananthapur.	(10-05-2021 to 15-05-2021)

Name of the Faculty	Title of the Research Paper	Journal / Conference / Book / Book Chapter	Published on
Dr. G. K. V. Narasimha Reddy	An Efficient Cryptographic Mechanism to Defend Collaborative Attack Against DSR Protocol in Mobile Ad hoc Networks	Springer Nature Singapore Pte Ltd. https://doi.org/10.1007/978-981-13- 1742-2_3	2019
Mrs. M. Soumya	Protecting Big Data Mining Association Rules using Fuzzy System	TELKOMNIKA, Vol 17, No.6	December, 2019
Dr. G. K.Venkata Narasimha Reddy,	Integrating Wireless Sensor Networks with Cloud Computing	ISSN: 2278-3075	October, 2019
Dr. B. Lakshmi Narayana Reddy	Integrating Wireless Sensor Networks with Cloud Computing	ISSN: 2278-3075	October, 2019
Mr. P. Veera Prakash,	Integrating Wireless Sensor Networks with Cloud Computing	ISSN: 2278-3075	October, 2019
Dr. T. Hitendra Sarma	A Prototype based hybrid Approach to speed-up kernel FCM-K	ICECIE 2019 International Conference on Electrical, Control and Instrumentation Engineering held at hotel stripes, Kuala Lumpur, Malaysia	25-12-2019
Dr.T.Hitendra Sarma	A Prototype based hybrid Approach to speed-up kernel FCM-K	Scopus and Web of Science	2019
Dr. M. Ranjit Reddy	A Secured Framework to Protect Associate Rules in the Big Data Environment using Fuzzy Logic	International Information and Engineering Technology Association (IIETA)	2019
Dr.G.K.V.Narasimha Reddy	Powering the Next Billion Devices with lot Security	International Journal of Innovative Technology and Exploring Engineering (IJITEE) - (ISSN: 2278-3075).	November 2019
Dr.B.Lakshmi Narayana Reddy	A Novel Implementation of	International Journal of Advanced Science & Technology (ISSN: 2005-4238	December,2019

	information Security Policy Modeling for enterprise Networks	IJAST).	
Dr. M. Ranjit Reddy	Recognition of Different Voice Pathologies with Data Augmentation Strategies	(ISSN: 2005-4238)" in IJAST, Vol.29, No. 7s (2020) pp 899-905.	2020
Mr.T.Venkata Naga Jayudu	Design & Development of Efficient IOT based Machine Learning Model to monitor Shrimp Aquaculture	International Journal with Vol.29, No.9s, 2020, PP.7228-7235.	April, 2020
Mr. G. Chinna Pullaiah	Character recognition on old copper transcripts using complex deep learning strategies	international journal of advanced science and technology with Vol.29, No.8S, 2020, PP.2760-27-69.	April, 2020
Mr. L. Suman	Character recognition on old copper transcripts using complex deep learning strategies	international journal of advanced science and technology with Vol.29, No.8S, 2020, PP.2760-27-69.	April, 2020
Mr.C. Sudheer Kumar	Character recognition on old copper transcripts using complex deep learning strategies	international journal of advanced science and technology with Vol.29, No.8S, 2020, PP.2760-27-69.	April, 2020
Mr.T. Naga Jayudu	Wireless sensor systems (As a Reviewer)	IET	2020
Mr.T. Murali Krishna	Machine Learning Approach for E-Mail spam filtering	Recent Advancements in information Technology" at QIS college of Engineering Technology, Ongole	18-03-2020.
Mr.L.Suman	Machine Learning Approach for E-Mail spam filtering	Recent Advancements in information Technology" at QIS college of Engineering Technology, Ongole	18-03-2020.
Ms. Sujana Bachu	Machine Learning Approach for E-Mail spam filtering	Recent Advancements in information Technology" at QIS college of Engineering Technology, Ongole	18-03-2020
Mr. Sudheer Kumar	Improved Ids To Prevent Online Cyber Pirates Attacks On Web-Based Applications	international journal of advanced science and technology (IJAST) with Vol.63, Issue: 5,	2020

Dr.C. Sasikala	Performance of Different Hadoop Clusters with Map Reducing Techniques	International Journal of Advanced Science and Technology, Vol. 29, No. 7s, (2020), pp. 890-898.	2020
Dr. C.Sasikala	The Challenges, Technologies and Role of Fog Computing in the Context of Industrial Internet of Things, to "Innovations in the Industrial Internet of Things (IIoT) and Smart Factory".	Book Chapter	2020
Mr.P. Chitralingappa	Trending Software Tools for Business Analytics in a nutshell, Volume – I	ISBN-13: 978-9390025282 under the BUUKS publisher, 1 st Edition	2020
Mr.P. Chitralingappa,	Trending Software Tools for Business Analytics in a nutshell, Volume – II	ISBN-13: 978-9390025473under the BUUKS publisher, 1 st Edition	2020
Mr. Sreedhar Boya	Improved Ids To Prevent Online Cyber Pirates Attacks On Web-Based Applications"	International journal of advanced science and technology, Vol.63, Issue 5	November, 2020 (Scopus)
Dr. G.K. Venkkata Narasimha Reddy	Device for connecting computers	201944022782 (Patent Application Number)	December, 2020
Mr. Sreedhar Boya	Introduction to cloud computing	South Asian Academic publications (ISBN:819525598-b)	July-2021
Dr. C. Sasikala	Introduction to cloud computing	South Asian academic publications (isbn: 819525598-b)	July-2021
Dr. B. Hari Chandana	Convolution Neural Network based Enhanced Computerized Technique for Brain Tumour Detection"	" 5 th International Conference on Intelligent Computing and Control Systems(ICICCS 2021)	May 2021
Dr. B. Hari Chandana	Consumer Behaviour Predictions with Neural and Deep Learning Models	International Journal of Analytical and Experimental Modal analysis	June 2021
Mrs.K. Sudha Kumari	DNA encrypting rules with chaotic maps for medical image	 5th International Conference on Intelligent Computing and Control Systems(ICICCS 2021) 	May 2021

	encryption.		
Mr. T . Murali Krishna	Hybrid Evolutionary Model for Just in Time Software Bug Prediction Based on Machine Learning Algorithm	International Journal of Grid and Distributed Computing, Vol. 14 and Issue No: 1 (Indexed in Web of Science)	April , 2021
Mr. T . Murali Krishna	Comparison of Proposed Neuro Evolution Algorithm with various Classifier algorithm on Software Defect Prediction Method	Turkish Journal of Physiotherapy and Rehabilitation; 32(3)	June , 2021
Dr. M. Ranjit Reddy	A Survey on Humor Detection Methods in Communications	Fifth international Conference on I-SMAC -ISBN: 978-1-6654-2641-1	August,2021
Dr. G.K. Venkkata Narasimha Reddy	A Dynamic User Interface in a Cloud Network usingDeep Learning Model	202141034584 (Application Number)	August,2021
Dr. B. Lakshminarayana Reddy	A Dynamic User Interface in a Cloud Network usingDeep Learning Model	202141034584 (Application Number)	August,2021
Mr. P. Veera Prakash	A Dynamic User Interface in a Cloud Network usingDeep Learning Model	202141034584 (Application Number)	August,2021
Dr. M. Ranjit Reddy	Physician Airy Movable Vehicle with Negative Pressure	202041026410 A(Application Number)	June, 2021
Dr.C.Sasikala	Threat Detecting Robot	100176 (Patent Publication Number0	July, 2021
Mr. T. Murali Krishna	An Artificial Intelligence based Wireless Communication System, Control Device andMethod Thereof	202141048454(Application Number)	November,2021
Dr. P. Chitralingappa	An Artificial Intelligence based Wireless Communication System, Control Device andMethod Thereof	202141048454 (Application Number)	November,2021

Appendix IV: Delivery details of content beyond syllabus & Mapping of Content beyond Syllabus

SI. No.	Name of the institution/ industry/ corporate house	Month and Year of signing MoU	Duration	List of activities under each MOU	Number of students/teachers who benefitted from MoUs
1	TCS IT EMPLOYABILITY	November, 2016	November 2016 to Till Date	Student Training	32 (2019-2020)
2	APSSDC	April,2018	April 2018 to Till date	Student Training	60
3	ePam	2020		Student Training	19
4	CISCO-CCNA (Eduskills Academy)	June, 2020	June, 2020 to till date	Student & Faculty Training	819(2019-20) 538(2020-21)
5	AWS – Amazon Web Services	June, 2020	June, 2020 to till date	Student & Faculty Training	87(2020-2021)
6	BluPrism – RPA	May,2020	May 2020 to Till date	Student & Faculty Training	14
7	RHCSA	June, 2020	June, 2020 to till date	Student & Faculty Training	2
8	Palo Alto Networks Academy	August, 2020	August, 2020 to till date	Student & Faculty Training	1
9	L4G-C4C Response Program	April-2020	April-2020 to September 2020	Online Certifications (Students & Faculty)	1031 (Institutional Level)
10	DXC Technologies- ICT Academy	JAN-2020	Yet to be started	Online Training	102
11	Salesforce Developer (ICT Academy)	JAN-2020	06-07-2021 to 09- 07-2021	Online Training	2
12	Programming Essentials in Python (CODE RIDERS)	June, 2020	July-2021 to till date	Online Training	171

Appendix-V

Publications related to Student Projects:

S.No	Name of the Students	Title	Type National/ International	Conference/ Workshop/ Journal	Academic Year
1	Syam Kakarla Priyaranjan Gangula C.Sai Charan Singh	Smart Attendance Management System Based on Face Recognition Using CNN	International	Conference	Dec, 2020
2	Syam Kakarla Priyaranjan Gangula C.SaiCharan Singh	Dimensionality Reduction in Hyperspectral Images Using Auto-encoders	International	Conference	Dec, 2019

Appendix VI

Industrial Tours

S.NO	Name of the Organization	Academic Year	Total No. of Students
1	TCS, Hyderabad	2019-2020	30
2	TCS, Bangalore	2018-2019	44

Internships:

SNO	STUDENT NAME	INTERNSHIP TITLE	COMPANY	SOURSE	DATE
1.	Chandu Siddartha	Intern(Technical Content Writer)	GeeksforGeeks	Internship	26-12-2018
2.	Chandu Siddartha		Spulla	Internship	08-02-2018
3.	Sheik	ISP	Scholiverse Educare PVT LTD	Internshala	28-08-2019
4.	S.Khathijatulkubra	Campus Ambassador	Entrepreneurship Cell(IIT Kanpur)	Internshala	11-06-2019
5.	S.Khathijatulkubra	Campus Ambassador	Casio India Private Limited	Internshala	06-06-2019
6.	Jyothirmai Tikkappagari	Content Writing	IASBanu.com	Internshala	24-12-2019
7.	Jyothirmai Tikkappagari	Content Writing	EngiLife	Internshala	18-09-2019
8.	A Bhavya Sree	Smart India Hackathon 2019			02-03-2019 to 03- 03-2019
9.	D Venu Madhav	Real Time projects	Exposys Data Labs	internship	09-12-2019 TO 09-01-2020
10.	Chennaka Niranjan	Real Time projects	Exposys Data Labs	internship	09-12-2019 TO 09-01-2020
11.	J Poojitha	Smart India Hackathon 2019			02-03-2019 to 03- 03-2019
12.	M Lakshmi Jyoshna	Smart India Hackathon 2019			02-03-2019 to 03- 03-2019
13.	Sheik Khathijatulkubra	Promotional Activity tasks	Casio India		01-08-2019 to 30- 09-2019
14.	Devarapalli Ajith	Social Media Marketing	DU post	Internship	10-10-2019 to 10- 11-2019
15.	Afifa Shaik	Social Media Marketing	The Crazy Partner	Internshala	1-07-2020
16.	Afifa Shaik	Campus Ambassador	Career360	Internshala	21-05-2020
17.	Afifa Shaik	Campus Ambassador	Springfield Olympiads	Internshala	11-07-2020
18.	Arshiya Anjum	Campus Ambassador	Review Me Up	Internshala	31-07-2020
19.	Arshiya Anjum	Campus Ambassador	International Model United Nations	Internshala	17-08-2020
20.	Arshiya Anjum	Campus Ambassador	Abhyuday IIT Bombay	Internshala	7-08-2020

21.	Arshiya Anjum	Campus Ambassador	Career 360	Internshala	4-08-2020
22.	Firdouse Begam Mehathar	Campus Ambassador	Career 360	Internshala	11-08-2020
23.	Firdouse Begam Mehathar	Campus Ambassador	CollegeDunia Web Private Limited	Internshala	24-08-2020
24.	Ayesha Minaz.S	Content Writing(Open Position-2000)	Team Everest	Internshala	23-12-2020
25.	D Venu Madhav	Applied AI	Exposys Data Labs	One day Workshop	07-02-2020
26.	Devarapalli Ajith	Campus Ambassador	Scholiverse Educare PVT LTD	Internshala	16-03-2020
27.	Devarapalli Ajith	Build a simple app in android studio with java	Coursera		09-06-2020
28.	Devarapalli Ajith	Android Application Development	APSSDC	Summer Online Training Program	01-06-2020 TO 20- 06-2020
29.	Banu Bhuvana	COVID 19 Crowdfunding(open position-10000)	Hamari Pahvhan NGO	Internshala	17-06-2020
30.	Bhavitha T.N	Campus Ambassador Program	Scholiverse Educare PVT LTD	Internshala	May 2020 to august 2020
31.	Minisha Y	Campus Ambassador	International Model United Nations	Internshala	21-06-2020
32.	Minisha Y	COVID 19 Crowdfunding(open position-10000)	Hamari Pahvhan NGO	Internshala	10-06-2020
33.	Minisha Y	COVID 19 Teach From Home(open position-5000)	World Youth Council	Internshala	10-06-2020
34.	Muthumulla Laxmi	COVID 19 Awareness & Precautions ((open position-1000)	INDIA Redefined	Internshala	24-06-2020
35.	Pushpalatha Bodaganidoddi	Campus Ambassador	International Model United Nations	Internshala	13-06-2020
36.	Gnana Deepika	Video branding activity to promote internshala trainings		Internshala	21-05-2020
37.	Chandrapal Singh Sai Charan Singh	Intern-Content	Endurekha	One-month internship	04-03-2020
38.	Satheesh Gajula	Social Media Marketing Internship	Fyxbuddy	internship	27-07-2020
39.	Satheesh Gajula	Campus Ambassador Intern		Internshala	01-06-2020 to 01- 07-2020
40.	Subahan Ali Khan Paton	ISP 20 Referals Contest		Internshala	08-02-2021

41.	Mohan Krishna M		Cognizant	Internship	20-01-2021
42.	M Chandrika		Cognizant	Internship	20-01-2021
43.	Lakshmikala C		Cognizant	Internship	20-01-2021
44.	Likitha T		Cognizant	Internship	20-01-2021
45.	P Lakshmi Narayana Reddy		Cognizant	Internship	20-01-2021
46.	Minisha Y	Campus Ambassador	Internshala	internship	21-06-2020
47.	Minisha Y	Covid-19 crowdfunding	Internshala	internship	10-06-2020
48.	Minisha Y	Covid19 Teach From Home	Internshala	internship	10-06-2020
49.	M Laxmi	COVID-19 Awareness & Precautions	Internshala	internship	24-06-2020
50.	B Pushpalatha	Campus Ambassador	Internshala	internship	13-06-2020
51.	A Krishna Sampada	Program on data science with python	Verzes	internship	28-02-2021
52.	B Bhuvana	Promoting and encouraging entrepreneurship	EXTRAVAGANZA	Internship	02-08-2020
53.	Affifa Shaik	Markerting	Crazy partner	Internship	June 2020
54.	Affifa Shaik	Lifestyle Eco-Warrior	Internshala	Internship	24-04-2021
55.	Arshiya Anjum	Campus Ambassador	Internshala	Internship	31-07-2020
56.	Arshiya Anjum	Campus Ambassador	Internshala	Internship	04-08-2020
57.	Arshiya Anjum	Campus Ambassador	Internshala	Internship	07-08-2020
58.	Arshiya Anjum	sales	Internshala	Internship	06-06-2021
59.	Ayesha Minaz S	Entrepreneurship	Internshala	Internship	22-02-2021
60.	Ayesha Minaz S	Data Science & Business Analytics	Internshala	Internship	10-02-2021
61.	Ayesha Minaz S	Business Analytics	Internshala	Internship	24-02-2021

62.	Firdouse Begum C Mehathar	ampus Ambassador	Internshala	Internship	24-08-2020
63.	Firdouse Begum Ea Mehathar	arth Day Eco-Warrior	Internshala	Internship	26-04-2021
64.		romotion and creating wareness	STACKZEAL PRIVATE LIMITED	Internship	04-02-2020
65.	Shaik Afifa	uman Resources	Internshala	Internship	22-04-2021
66.	Shaik Afifa	arth Day Eco-Warrior	Internshala	Internship	26-04-2021
67.	Shaik Afifa	ampus Ambassador	Internshala	Internship	11-07-2020
68.	Arshad Shaik	ampus Ambassador	Internshala	Internship	28-05-2021
69.	Н Дееріка М	uman Resources	Internshala	Internship	22-04-2021
70.		ontent Writing	Internshala	Internship	02-05-2021
71.	Deepika M V	ontent Writing - Summer olunteering	Internshala	Internship	02-05-2021
72.	Firdouse Begum Li Mehathar	ifestyle Eco-Warrior	Internshala	Internship	22-04-2021
73.	Firdouse Begum V Mehathar	olunteering	Internshala	Internship	19-04-2021
74.	Firdouse Begum H Mehathar	uman Resources	Internshala	Internship	22-04-2021
75.	Firdouse Begum S Mehathar	ocial Media Marketing	Internshala	Internship	16-04-2021
76.		roduct Management	Internshala	Internship	23-05-2021
77.		olunteering	Internshala	Internship	17-09-2020
78.	S M M fu	ales amd larketing,Share larkets,Mutual unds,Insurance,Banking	SHINE PROJECTS	Internship	26-05-2021
		oncepts			
79.	Shaik Afifa	larketing	Crazy partner	Internship	June 2020
80.	Shaik Afifa	larketing	Crazy partner	Internship	June 2020
81.	Shaik Afifa	ocial Media Marketing	Internshala	Internship	01-07-2020

82.	Arshiya Anjum	Campus Ambassador	Internshala	Internship	07-08-2020
83.	Firdouse Begum Mehathar	Campus Ambassador	Internshala	Internship	11-08-2020
84.	Ayesha Minaz S	Business Analytics	Internshala	Internship	04-02-2021
85.	Sri Chandana Nadiminti	Security Auditor	Indian Servers	Internship	25-04-2021
86.	Ayesha Minaz S	Business Analytics	Internshala	Internship	04-02-2021
87.	Ayesha Minaz S	Content Writing	Internshala	Internship	23-12-2020
88.	Ayesha Minaz S	General Management	Internshala	Internship	07-03-2021
89.	Ayesha Minaz S	General Management	VAIDIK PVT LTD	Internship	07-03-2021
90.	Shaik Afifa	Campus Ambassador	Internshala	Internship	21-05-2020
91.	Shaik Afifa	Campus Ambassador	Internshala	Internship	23-07-2020
92.	Sai Kiran Baik Karamsi	Security Auditor	Indian Servers	Internship	25-04-2021
93.	J Keerthana	Campus Ambassador	Internshala	Internship	22-05-2021
94.	Ayesha Minaz S	General Manager	VAIDIK PVT LTD	Internship	07-05-2021
95.	Sidra syed /Internship	Kindness influencer- summer Volunteering	Internshala	Internship	04-06-2021
96.	Shaik Umme Honey /Internship	Campus Ambassador	Internshala	Internship	14-11-2020
97.	Shaik Umme Honey	Campus Ambassador	LYRICLIOUS	Internship	23-03-2021
98.	Shaik Umme Honey	Campus Ambassador	GROW MORE	Internship	09-06-2021
99.	Shaik Umme Honey	Campus Ambassador	DIGITAL DAD	Internship	15-06-2021
100.	Shaik Umme Honey	Campus Ambassador	LYRICLIOUS	Internship	10-03-2021
101.	Shaik Umme Honey	Campus Ambassador	CODE FOR CAUSE	Internship	03-09-2020
102.	Arshad Shaik	Digital Markerting	Internshala	Internship	29-05-2021
103.	Tanmai P	Campus Ambassador	Internshala	Internship	31-05-2021

104.	Dhasthagiri Reddy	Content Writing	TRACK2TRAINING	Internship	29-05-2021
105.	Arshad Shaik	COLLEGE REPRESENTATIVE	COMMONDOVE	Internship	29-05-2021
106.	TanmaiPonnapureddy	Content Writing	Internshala	Internship	30-05-2021
107.	JAKKIREDDY DHASTHAGIRI REDDY	Campus Ambassador	EDAPT	Internship	28-05-2021
108.	ARSHAD SHAIK	Campus Ambassador	Internshala	Internship	31-05-2021
109.	JawalkarKeerthana			Internship	
110.	JAKKIREDDY DHASTHAGIRI REDDY	Campus Ambassador	EDAPT	Internship	30-06-2021
111.	Manoj Amidala	Volunteering	Youth Empowerment Foundation	Internship	17-09-2020
112.	Indrani Nagasamudram	Campus Ambassador	Reach Technologies	Internship	01-06-2021
113.	Manoj Amidala	Campus Ambassador	EDAPT	Internship	30-06-2021
114.	ARSHAD SHAIK	Ruson Infomedia Private Limited	Internshala	Internship	30-06-2021
115.	Deepika Muchukota	Content Writing - Summer Volunteering (Openings - 3000)	Team Everest	Internship	02-06-2021
116.	Sidra Syed	Women Empowerment Champion (Open Positions - 1000)	Bhumi	Internship	19-03-2021
117.	Manoj Amidal	Social Media Marketing Internship	Youth Empowerment Foundation	Internship	04-06-2021
118.	Deepika Muchukota	Human Resources (HR)	Crazy For Success Foundation	Internship	22-04-2021
119.	Indrani Nagasamudram	Campus Ambassador	Reach Technologies	Internship	01-06-2021
120.	UMAISA ANJUM JALLU	Goodwill Ambassador - Summer Volunteering (Openings - 2000)	Team Everest	Internship	01-06-2021
121.	UMAISA ANJUM JALLU	Marketing	Dridhsankalp Foundation	Internship	01-06-2021
122.	Arshiya Anjum	Sales Associative	PTE Universe	Internship	13-06-2021
123.	Arshiya Anjum	Marketing	Shine projects	Internship	01-06-2021