



Minutes of the IQAC Meeting held on 24-04-2021 at 2.30 p.m.

Online Zoom Meeting Link: <https://us02web.zoom.us/j/7341478585>

Members Present:

S.No.	Name	Department
1.	Dr. Guduru V. N. S. R. Ratnakara Rao	Principal & Chairperson, IQAC
2.	Dr. Loshma Gunisetti	Coordinator, IQAC & Professor, CSE
3.	Dr. Ch. Rambabu	Dean Student Affairs & Professor, EEE
4.	Dr. V. S. Naresh	Dean R & D & Professor, CSE
5.	Dr. G. Radhakrishnan	HOD, CE
6.	Dr. D. Sudha Rani	HOD, EEE
7.	Dr. M. V. Ramesh	HOD , ME
8.	Dr. E. Kusuma Kumari	HOD, ECE
9.	Dr. D. Jaya Kumari	HOD, CSE
10.	Dr. G. V. Subbaraju	HOD, MBA
11.	Sri N. Raja Sekhar	HOD, BS&H
12.	Sri P. Sita Rama Raju	Section Head, Physics
13.	Dr. T. Sujani	Section Head, English
14.	Sri P.N.V. Gopala Krishna	Head, Placements
15.	Sri Ch. V. S. R. Gopala Krishna	Deputy Controller of Examinations
16.	Sri. K. N. H. Srinivas	Assoc. Prof., ECE
17.	Sri Ch. Apparao	Director, Technical
18.	Sri Ch. Narayana Rao	Administrative Officer
19.	Sri Ganesh Somisetty	Head HR, coMakeIT Software Pvt Ltd, Hyderabad
20.	Sri Eedala Rambabu	Specialist, MicroFocus Private Limited, Bangalore
21.	Sri M. Mahesh	Retd.Principal , Govt. Polytechnic, Tadepalligudem
22.	Mr. Amisetti N. V. Vamsi Krishna	Student – IV Yr. B.Tech CSE

Principal extended a warm welcome to all the members.

The meeting is chaired by the Principal.

Item No. 1: Academic Year 2019-20 Results Analysis

- A.Y. 2019-20 Results analysis was presented by Coordinator, IQAC as mentioned in Appendix-I
- Significant improvement in the B.Tech results was observed

Item No. 2: Compliance to the Recommendations of Various Inspection Committees

- HOD-EEE, HOD-ME, HOD-ECE and HOD-CSE presented the Details of action taken on the observations of NBA inspection committee during last visit
- Details of the Action Taken against the suggestions given by NBA inspection committee are shown in Appendix-II
- Members were satisfied with the action taken
- Details of Compliance to suggestions given by NAAC Committee was discussed

Item No. 3: Focus on NIRF Ranking Parameters

- National Institutional Ranking Framework (NIRF) Parameters and their weightage was discussed elaborately
- Members were apprised about the participation by the institute annually

Item No. 4: Focus on NAAC Accreditation Parameters

- National Assessment And Accreditation Council (NAAC) Parameters were discussed

Item No. 5: Focus on ARIIA Ranking Parameters

- Atal Ranking of Institutions on Innovation Achievements (ARIIA) Parameters were discussed
- Members were apprised that the Institute ranked **54th** in ARIIA-2020 announced on 18th August 2020

Item No. 6: Focus on Socially-Relevant Activities

- Members were apprised about the M.Tech 100% tuition fee concession being given to aspirants from current academic year
- Research activities by students and faculty members should focus on Socially relevant problems
- Chairperson, IQAC suggested that students should identify a nearby village and the problems associated with it and try to solve these problems
- If required, selection of electives could be done in such a way that they help the students in solving such above mentioned problems in villages

- R & D Cell, Incubation Cell, Entrepreneurship Cell should work together in achieving such objectives

Item No. 7: Ph.D. Leaves

- Suggestions were invited from the members regarding the number of Special Leaves to be provided for the Faculty members pursuing Part time Ph.D. to meet their Research Supervisors
- Chairperson, IQAC proposed that 10 special leaves could be given to Part time Research Scholars in addition to the 18 Casual Leaves per annum for a period of atleast three years
- Industry Member, Mr. Ganesh Somisetti appreciated this initiative and expressed that it would provide encouragement to the research scholars

Item No. 8: Implementation of Academic Audits

- Chairperson, IQAC appraised the members about the Internal Academic Audit being carried out by respective departments with the help of Programme Assessment and Quality Improvement (PA & QI) Committee
- PA & QI Committee is doing the analysis of results, finding the attainments of Programme Outcomes (POs)
- External members viz. Industry expert and Academic Expert from reputed Universities could be included in the PA & QI Committee
- Academic Audit by these external members could be implemented

Item No. 9: Planning for Academic Activities during Covid times

- Proper planning and implementation of Academic Activities due to Covid situations was suggested by the members

Item No. 10: Updation of Best Outgoing Student Award Proforma

- Suggestions were invited from the members regarding the **Best Outgoing Student Award Proforma - 2021**
- Additional parameters like MOOCs Certifications, Internships by students, Participation in NSS / Other Social Service Activity were suggested by the members and the proforma was updated as shown in **Appendix-III**

Item No. 11: Development programmes for support staff

- Chairperson, IQAC suggested the Department Heads to plan development programmes for Support Staff
- He suggested that Typewriting / Accounting / Graphics / Lab Maintenance Course could be planned for non-teaching, technical and support staff

Any other item:

- Industry Member, Mr. Ganesh Somisetty, suggested that students should be working on Projects having social relevance
- He also suggested that students should invest a minimal amount on buying cloud space and should use it in their projects.
- He suggested that Courses based on Banking and Insurance Sector could be incorporated into the syllabi which are industry relevant also
- Sri Eedala Rambabu, member, suggested that Faculty members should be trained on specific technologies
- Mr. Amisetty N. V. Vamsi Krishna, student member, suggested that 1st Year B.Tech students should involve in some basic R & D activities, 2nd Year B.Tech students should learn new technologies



**(Dr. Guduru VNSR Ratnakara Rao)
PRINCIPAL**

Copy to: Above Members | Office, Circular File | Director, Technical for Information
Secretary for Information | President for Information

Vision

To be a premier technological institute striving for excellence with global perspective and commitment to the nation.

Mission

- To produce Engineering graduates of professional quality and global perspective through learner-centric education.
- To establish linkages with government, industry and Research laboratories to promote R&D activities and to disseminate innovations.
- To create an eco-system in the institute that leads to holistic development and ability for life-long learning.

Appendix - I

Academic Year 2019-20 Results Analysis

BRANCH WISE PERFORMANCE ANALYSIS (EXTERNAL)

NAME OF THE EXAM: **B.Tech I Semester Regular. January– 2020**

S. No.	Branch & Section	Appeared	Passed	Fail	Pass %
1.	CE	28	18	10	64.29
2.	EEE	47	32	15	68.09
3.	ME	61	27	34	44.26
4.	ECE-A	59	50	9	84.75
5.	ECE-B	59	47	12	79.66
6.	ECE-C	61	41	20	67.21
7.	CSE-A	62	58	4	93.55
8.	CSE-B	64	57	7	89.06
9.	CSE-C	64	59	5	92.19
10.	CSE-D	63	58	5	92.06
11.	CST	59	45	14	76.27
12.	ECT	52	38	14	73.08
Overall		679	530	149	78.06

A.Y. 2018-19: 77.18%

BRANCH WISE PERFORMANCE ANALYSIS (EXTERNAL)
NAME OF THE EXAM: B.Tech II Semester Regular. November– 2020

S. No.	Branch	Appeared	Passed	Fail	Pass %
1.	CE	28	22	6	78.57
2.	EEE	48	28	20	58.33
3.	ME	60	31	29	51.67
4.	ECE	179	150	29	83.8
5.	CSE	253	191	62	75.49
6.	CST	59	39	20	66.1
7.	ECT	52	46	6	88.46
Overall		679	507	172	74.67

A.Y. 2018-19 : 63.84%

BRANCH WISE PERFORMANCE ANALYSIS (EXTERNAL)
NAME OF THE EXAM: B.Tech III Semester Regular. November– 2019

S. No.	Branch & Section	Appeared	Passed	Fail	Pass %
1.	CE	65	31	34	47.69
2.	EEE-A	44	31	13	70.45
3.	EEE-B	75	44	31	58.67
4.	ME-A	65	36	29	55.38
5.	ME-B	63	32	31	50.79
6.	ECE-A	65	38	27	58.46
7.	ECE-B	66	44	22	66.67
8.	ECE-C	66	37	29	56.06
9.	CSE-A	65	48	17	73.85
10.	CSE-B	66	45	21	68.18
11.	CSE-C	62	47	15	75.81
12.	CSE-D	64	50	14	78.12
Overall		766	483	283	63.05

A.Y. 2018-19:46.41%

BRANCH WISE PERFORMANCE ANALYSIS (EXTERNAL)

NAME OF THE EXAM: B.Tech IV Semester Regular. November– 2020

S. No.	Branch	Appeared	Passed	Fail	Pass %
1.	CE	62	27	35	43.55
2.	EEE	119	85	34	71.43
3.	ME	125	69	56	55.2
4.	ECE	197	115	82	58.38
5.	CSE	253	167	86	66.01
Overall		756	463	293	61.24

A.Y. 2018-19: 53.32%

BRANCH WISE PERFORMANCE ANALYSIS (EXTERNAL)

NAME OF THE EXAM: III B.Tech I Semester Regular. November – 2019

S. No.	Branch & Section	Appeared	Passed	Fail	Pass %
1.	CE	68	36	32	52.94
2.	EEE-A	62	42	20	67.74
3.	EEE-B	61	39	22	63.93
4.	ME-A	59	17	42	28.81
5.	ME-B	54	19	35	35.18
6.	ECE-A	66	43	23	65.15
7.	ECE-B	64	47	17	73.43
8.	ECE-C	66	43	23	65.15
9.	CSE-A	54	47	7	88.67
10.	CSE-B	55	50	5	90.90
11.	CSE-C	54	43	11	79.62
12.	CSE-D	49	36	13	73.46
Overall		712	462	250	64.88

A.Y. 2018-19: 56.25%

BRANCH WISE PERFORMANCE ANALYSIS (EXTERNAL)

NAME OF THE EXAM: III B.Tech II Semester Regular. October – 2020

S. No.	Branch & Section	Appeared	Passed	Fail	Pass %
1.	CE	67	24	43	35.82
2.	EEE	122	100	22	81.97
3.	ME	113	59	54	52.27
4.	ECE	194	115	79	59.30
5.	CSE	212	176	36	82.81
Overall		708	474	234	66.94

A.Y. 2018-19:62.77%

BRANCH WISE PERFORMANCE ANALYSIS (EXTERNAL)

NAME OF THE EXAM: IV B.Tech I Semester Regular. November – 2019

S. No.	Branch & Section	Appeared	Passed	Fail	Pass %
1.	CE	61	32	29	52.46
2.	EEE-A	56	54	2	96.43
3.	EEE-B	58	21	37	36.21
4.	ME-A	67	32	35	47.76
5.	ME-B	67	34	33	50.75
6.	ECE-A	71	49	22	69.01
7.	ECE-B	65	46	19	70.77
8.	ECE-C	61	44	17	72.13
9.	CSE-A	67	37	30	55.22
10.	CSE-B	54	49	5	90.74
11.	CSE-C	54	53	1	98.15
12.	CSE-D	53	50	3	94.34
Overall		734	501	233	68.25

A.Y. 2018-19:74.37%

BRANCH WISE PERFORMANCE ANALYSIS (EXTERNAL)

NAME OF THE EXAM: IV B.Tech Semester II Regular December 2020

S.No.	Branch	Appeared	Passed	Fail	Pass %
1.	CE	61	35	26	57.38
2.	EEE	112	83	29	74.11
3.	ME	125	84	41	67.20
4.	ECE	193	157	36	81.35
5.	CSE	223	199	24	89.24
Overall		714	558	156	78.15

A.Y. 2018-19: 84.6%

NAME OF THE EXAM: MBA I Semester Regular. February – 2020

S. No.	Programme	Appeared	Passed	Fail	Pass %	2018-19
1.	MBA	61	57	4	93.44	74.14

NAME OF THE EXAM: MBA III Semester Regular. December – 2019

S. No.	Programme	Appeared	Passed	Fail	Pass %	2018-19
1.	MBA	54	45	9	83.33	80.70

NAME OF THE EXAM: MBA IV Semester Regular September - 2020

S. No.	Programme	Appeared	Passed	Fail	Pass %
1.	MBA	54	48	6	88.89

PROGRAMME WISE PERFORMANCE ANALYSIS (EXTERNAL)

NAME OF THE EXAM: M.Tech I Semester Regular. February – 2020

S. No.	Specialization	Appeared	Passed	Fail	Pass %
1.	STE	1	1	0	100
2.	PSCA	1	1	0	100
3.	VLSI & ES	3	3	0	100
4.	CSE	2	0	2	0
Overall		7	5	2	71.43

A.Y. 2018-19:88%

PROGRAMME WISE PERFORMANCE ANALYSIS (EXTERNAL)
NAME OF THE EXAM: M.Tech II Semester Regular. September – 2020

S. No.	Specialization	Appeared	Passed	Fail	Pass %
1.	PSC&A	1	1	0	100
2.	CSE	2	0	2	0
3.	VLSI&ES	3	2	1	66.67
4.	STE	1	1	0	100
5.	Overall	7	4	3	57.14

A.Y. 2018-19:76%

PROGRAMME WISE PERFORMANCE ANALYSIS (EXTERNAL)
NAME OF THE EXAM: M.Tech III Semester Regular November 2019

S. No.	Branch & Specialization	Appeared	Passed	Fail	Pass %
1	CE-STE	7	4	3	57.14
2	EEE- PSC&A	3	3	0	100
3	ME – MD	9	4	5	44.44
4	ECE – VLSI & ES	1	1	0	100
5	CSE – CSE	5	5	0	100
Overall		25	17	8	68.00

PROGRAMME WISE PERFORMANCE ANALYSIS (EXTERNAL)
NAME OF THE EXAM: M.Tech IV Semester Regular September – 2020

S. No.	Branch & Specialization	Appeared	Passed	Fail	Pass %
1	CE-STE	7	7	0	100
2	EEE- PSC&A	3	3	0	100
3	ME – MD	6	5	1	83.33
4	ECE – VLSI & ES	1	1	0	100
5	CSE – CSE	5	5	0	100
Overall		22	21	1	95.46

Appendix - II

Compliance to the Recommendations of Inspection Committees

EEE

Details of action taken on the observation of NBA during last visit	
Weakness / Areas of improvement / Deficiency	Action taken to address
Moderate enrolment Ratio	Enrolment ratio is increased for the A.Y. 2020-21
Poor Sensitization to OBE	Extensive orientation on COs, POs, PSOs and their mappings, evaluation was provided to the faculty members.
Success rate of students without backlog is poor	In order to increase the success rate, the students academic performance was monitored from time to time by the counselors and the students are counseled as when required. Along with this, remedial classes are conducted based on the performance of the students in internal examinations.
Very few quality publications	Orientation on How to write Journal papers and projects was provided to the faculty members from time to time. Trying to provide research environment in the department by providing research facilities and encouraging faculty with incentives for the quality publications.
Only few PhDs in the Department	Faculties are motivated to register for the Ph.D. and at present 4 faculty members are pursuing Ph.D.
No sponsored R & D Projects and consultancy	DST funded project was sanctioned (Funding:- Rs.76,33,618/-)
No external member for academic audit	A senior faculty was invited from the other department for the Academic Audit.

ME

Details of action taken on the observation of NBA during last visit	
Weakness / Areas of improvement / Deficiency	Action taken to address
Number of Ph.D faculty is less.	Four faculty members pursuing Ph.D are about to submit the thesis.
Use of modern tools for teaching	<ul style="list-style-type: none">• NPTEL resources• Group tasks , PPT presentations ,Group discussions• Student seminars• Use of advanced journals in the related courses• Industrial visits• Video lectures
<ul style="list-style-type: none">• No R & D activities• No research and consultancy projects• Very few research publications in reputed journals	<ul style="list-style-type: none">• 14 Ph.D scholars are working in the department doing their research in diversified areas.• Research on exhaust emissions using gas analyzer, CNC milling machine, Hydraulic press, muffle furnace, mechanical testing and 3D printing.• DST (TIDE) proposal is under review process and recently AICTE RPS proposal was submitted.• Improvement in publications in reputed journals indexed in SCOPUS and UGC.
<ul style="list-style-type: none">• Number of Lab technicians is less• Payment structure and recruitment policies	<ul style="list-style-type: none">• Lab technicians are sufficient in number• Faculty is recruited through paper advertisement, written test and demo followed by interview.

ECE

Details of action taken on the observation of NBA during last visit	
Weakness / Areas of improvement / Deficiency	Action taken to address
Stakeholders are not much aware about Vision and Mission	<ul style="list-style-type: none">Orientation Programs on Outcome Based Education were conducted for every newly joined Faculty members in the department.At the beginning of every Semester, faculty will address the students on OBEVision and Mission are displayed in the college website
Inadequate Pedagogical Initiative	Various Pedagogical Initiative Measures are followed by Faculty members like Problem Based Learning, Project Based Learning etc.
Inadequate Delivery of Content Beyond Syllabus	No .of Workshops/ Hands on Training Programs were conducted to Students on Advanced topics/ Softwares(beyond the Syllabus) by both Internal and External Resource Persons
Industry–Institute Interaction is not so effective	No. of Students undergoing the Internship Program has been increased
Success rate and Academic Performance are not satisfactory	Since last Two Semesters, Remedial Classes and Tutorial Classes were conducted .More Students are encouraged to improve their Self Learning Capabilities by registering for Online MOOCs courses
Advanced equipment are not available for R&D	Three Research labs were established in the department to train the students in different streams
Marginal improvement in Placement	50%of students got placed. Efforts like skill development, CRT, Certification Courses and follow up with the industries are being made to improve the placements.
No Effective process of Academic Audit	Continuous verification Process was being done in the Department by the HOD and few Senior faculty to check the status of laboratory equipment and Teaching Learning Process.
No Sponsored Research and Research Projects	<ul style="list-style-type: none">Two Research Projects were sanctioned by DST (SEED) and one FDP was Sanctioned by AICTE. Localization of Smart Drainage System and wrist band for Mosquito control. Sanctioned Amount : Rs. 32,24,496 /-

	<ul style="list-style-type: none"> • Design & development of an Integrated Solar PV Based water Purification and IOT based water quality Monitoring System in Apparaopet, Tadepalligudem Mandal, West Godavari District, Sanctioned Amount : Rs. 76,33,618/- • National Level online FDP on “ Research Areas in Bio-Medical Signal Processing”, Sanctioned Amount : Rs. 4,43,918/-
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CSE

Details of action taken on the observation of NBA during last visit	
Weakness / Areas of improvement / Deficiency	Action taken to address
The Certification in Digital Learning needs to be worked out	Digital Learning Certifications by Faculty Members and Students have improved considerably.
Some efforts are seen in OBE practices; however, they need lots of improvement	Orientation on Outcome Based Education is provided for Every Newly joined Faculty. A few of our faculty members were trained in different pedagogy Workshops.
Even though quality of students is good; but their academic performance is not that encouraging	Academic Performance of the students has been improved significantly.
Generally, follow up actions for the various academic processes is lacking	Processes are strengthened.
Feedback and Impact Analysis mechanism needs improvement	Feedback Analysis mechanism is improved. Feedback is being taken through the College Automation portal (https://sveserp/ecap)
Senior computer professional from the industry may be appointed as Adjunct Faculty to suggest the industry requirements	Efforts are being made.
Entrepreneurial, start up and innovations practices must be initiated in the department.	Entrepreneurship cell and club was established in the Institute. Under this cell our Department students are actively participating.
Research and consulting needs some focus from the management	Two Research Projects were granted, one in interdisciplinary. Publications are improved.

Institute- Industry interaction found very weak	MOUs signed with industries for the benefit of the students.
Lack of Professional Societal activities in the Department	Conducting activities under Professional Societies.
The faculty Interaction with the institutions of higher learning needs considerable improvement.	Have the MOU with Bennett University as Zonal Lead Partner as a part of leadingindia.ai initiative.
The lack of software and hardware facilities to support research.	Established the AI & DL Lab under the MODROB scheme by AICTE.

Suggestions by NAAC Committee which have been complied:

- Improve teaching learning evaluation system
- Concentrate on R & D work, books publishing by faculty
- Improve student progression
- Develop the college infrastructure (Eg.: Library books)
- Maintain Welfare measures
- Improve Department and college level best practices
- Provide medical insurance to faculty
- Develop labs, equipments of college
- Provide publication expenditure to faculty which has high impact factor
- Develop new MOUs
- Provide Wi-Fi facility in campus
- Maintain Vasavi as a brand name with good facilities

Appendix-III



SRI VASAVI ENGINEERING COLLEGE (Autonomous)

Pedatadepalli, TADEPALLIGUDEM – 534 101, W.G. Dist, (A.P.)

Application for the Award of the Best Outgoing Student (2020-21)

Name of the Candidate:

Department:

Roll No.:

PHOTO	About Me (not more than two to three lines)

A. Academics (Maximum 60 Marks)

S.No	Semester	% of Marks	Aggregate
1.	I Semester		
2.	II Semester		
3.	III Semester		
4.	IV Semester		
5.	V Semester		
6.	VI Semester		
7.	VII Semester		

Marks* out of 60 for the Award:

(Note: Marks* to be awarded by the Committee)

Normalized Marks =

(Percentage Mark of the student)/ (Department Topper Marks) × 60

Qualification in GATE/CAT/MAT/GRE etc.. (Maximum 05 Marks)

Score:

Rank:

B. Co-curricular Activities (Maximum 15 Marks*)

[Conference, Journal, Paper / Poster Presentation, Technical Quiz, Hackathon, Product Design etc.]

a. Paper Publications (3 marks per paper)

- State your status for each paper-First author or second author or third author
- Only Publications in reputed journals will be considered

Name of the Journal/ Conference	Title of the paper and Authors	Marks*

b. Participation in Co-curricular activities (2 marks per event)

Name of the Event	Place of Event	Details of the Event	Marks*

**c. Details of Departmental Seminars delivered outside Curriculum:
(2 marks per seminar- maximum 2 seminars)**

**d. Details of Serving as Class Representative :
(2 marks per Semester-maximum 2 Semesters)**

**e. Professional Body Membership:
(1 mark per membership)**

f. MOOCs Certifications:
(2 marks per Certification)

g. Internship:
(2 marks per Internship of 4 weeks)

C. Extracurricular Activities (Maximum 15 Marks*)
[Sports, Dance, Music, General Quiz, Short Film etc.]

a. Outside the College

I/II Prize Won (Indicate Individual Event/Group Event)

1.

2.

3.

4.

Participation

1.

2.

3.

4.

b. Within the College

I/II Prize Won (Indicate Individual Event/Group Event)

1.

2.

3.

4.

c. Tech Fest Coordinator:

d. Any other Coordinator:

e. Committee Member:

f. Participation in NSS / Other Social Service Activity:

D. Give details of any other significant contributions:

DECLARATI
ON

I hereby declare that all the details furnished above are true to my knowledge. I forfeit the award if I furnish wrong information.

Place:

Signature of the Student

Date:

E. Remarks of HOD:

Signature of the HOD

F. College Assessment (Maximum 05 Marks to be filled by BOS Award Committee)