



## Vasavi College of Engineering (Autonomous)

**Accredited by NAAC with A++ Grade**

(Sponsored by Vasavi Academy of Education)

(Affiliated to Osmania University & approved by AICTE)

**9-5-81, Ibrahimbagh, Hyderabad 500 031, India, [www.vce.ac.in](http://www.vce.ac.in)**

### Minutes of the 21<sup>st</sup> IQAC Meeting held at 2:30 p.m. on 12<sup>th</sup> February 2022 [Conducted in Blended Mode (both offline and online)]

#### Members present:

1	Dr. S.V. Ramana, Principal	: Chairman
2	Sri P. Balaji, CEO, VCE	: Member
3	Dr. AnjaneyaVaraprasad, Head, Six Sigma, TCS	: External-Member
4	Dr. B. Sridhar , HoD-Civil	: Ex-Officio Member
5	Dr. T. Adilakshmi, HoD-CSE	: Ex-Officio Member
6	Dr. E. Sreenivasa Rao, Professor, Dept. of ECE	: Ex-Officio Member
7	Dr. M. Chakravarthy, HoD-E.E.E	: Ex-Officio Member
8	Dr. T. Rama Mohan Rao, HoD-MECH	: Ex-Officio Member
9	Dr. K. Rama Mohan Rao, HoD-I.T	: Ex-Officio Member
10	Dr. Jacqueline Amaral, HoD-H&SS	: Ex-Officio Member
11	Dr. P. Venugopal, HoD-Chemistry	: Ex-Officio Member
12	Ms. Ch. V.S.S. Sailaja, Assoc. Prof., Dept. of EEE	: Member
13	Sri M. Bhasker, Assoc. Prof., Dept. of Civil Engg.	: Member
14	Dr. A. Srinivas, Prof., Dept. of Mech.	: Member
15	Ms. S. Aruna, Assoc. Prof., Dept. of I.T.	: Member
16	Ms. V. Sireesha, Asst. Prof., Dept. of CSE	: Member
17	Dr. P.V. Gopala Krishna, Assoc. Prof., Dept. of Mech. Engg.	: Member
18	Dr. G. Ramadevudu, Asst. Prof., Dept. of Physics	: Member
19	N Anagha, BE-V SEM-ECE(SEC.A), 1602-19-735-004	: Student member
20	P. Harikeerthi, BE-V SEM-ECE(SEC.B), 1602-19-735-132	: Student member
21	B B., BE-VII SEM-ECE(SEC.A), 1602-18-735-009	: Student member
22	P. Sai Charan, BE-VII SEM-ECE(SEC.B), 1602-18-735-094	: Student member
23	SanjanaSheshgir, ME-II SEM(CE&SP), 1602-20-744-105	: Student member
24	Matta NityaSri, BE-V SEM-CIVIL, 1602-19-732-026	: Student member
25	BongoniBhoomika, BE-V SEM-EEE, 1602-19-734-009	: Student member
26	AvusulaVikranth, BE-V SEM-EEE, 1602-19-734-301	: Student member
27	LikhitGundra, BE-VII SEM-EEE, 1602-18-734-020	: Student member
28	Akash S Vora, BE-V SEM-CSE(SEC.C), 1602-19-733-126	: Student member
29	PulluriNischala, BE-V SEM-CSE(SEC.B), 1602-19-733-084	: Student member
30	K Anisha, BE-VII SEM-CSE(SEC.B), 1602-18-733-068	: Student member
31	Maturi K Sripriya, BE-V SEM-IT(SEC.A), 1602-19-737-018	: Student member
32	N Taruni, BE-V SEM-IT(SEC.B), 1602-19-737-120	: Student member
33	C.Abhinav, BE-V SEM-IT(SEC.C), 1602-19-737-123	: Student member
34	B. V.S. Kumar, BE-VII SEM-IT(SEC.A), 1602-18-737-057	: Student member
35	B.Mahalaxmi, BE-VII SEM-IT(SEC.B), 1602-18-737-080	: Student member
36	M.Maneeth, BE-VII SEM-IT(SEC.B), 1602-18-737-082	: Student member
37	MyadamArjun, BE-V SEM-MECH(SEC.A), 1602-19-736-007	: Student member
38	AftabHussain, BE-V SEM-MECH(SEC.B), 1602-19-736-072	: Student member
39	M.Srikar, BE-VII SEM-MECH(SEC.A), 1602-18-736-045	: Student member
40	K. Srinidhi, BE-VII SEM-MECH(SEC.B), 1602-18-736-110	: Student member
41	Dr. A.S. Sai Prasad, HoD-Physics and Director-A & A.	: Coordinator



**The following members could not attend the meeting:**

1	Mr. M. Ramgopal	:	AVP-Birlasoft
2	Mr. K. Ravi, (VCE Alumnus)	:	AVP-Innovations, InfoTech Enterprises
3	PolaLavakumar, BE-VII SEM- CIVIL, 1602-18-732-019	:	Student member
4	Dimple Sankeerthana, BE-VII SEM-EEE, 1602-18-734-011	:	Student member
5	K Prashastha, BE-VII SEM-CSE(SEC.A), 1602-18-733-031	:	Student member
6	DurgamKarna, ME(ADM)-III SEM, 1602-20-745-003	:	Student member
7	M MahipalReddy, ME(ADM)-III SEM, 1602-20-745-004	:	Student member
8	PotluriShampiSri, BE-VII SEM-IT(SEC.A), 1602-18-737-044	:	Student member
9	A.V.N. S. Vivaswan, ME-II SEM(ES&VLSID), 1602-20-744-009	:	Student member
10	Poonam Vishwakarma, ME-III SEM-PSPE, 1602-20-766-017	:	Student member
11	CH K. Chaitanya, ME/M.TECH-II SEM-CSE, 1602-20-742-001	:	Student member

Dr. S.V. Ramana, Chairman, welcomed the members to the meeting. The following items on the agenda were taken-up for consideration:

**1. Confirmation of the minutes of the 20<sup>th</sup> IQAC meeting held on 30.10.2021:**

The minutes of the 20<sup>th</sup> meeting of the IQAC held on 30.10.2022 were read and confirmed by the members after review.

**2. Review and approval of the Action Taken Report on the resolutions passed in the 20<sup>th</sup> IQAC meeting held on 30.10.2021:**

The Action Taken Report on the resolutions made in the 20<sup>th</sup> meeting of IQAC is presented as follows by Prof. A.S. Sai Prasad, Coordinator, IQAC:

Agenda item No.	Name of the item	Action taken
3	Review on conducting of Faculty Development Programmes (FDPs) by various Department	<ul style="list-style-type: none"> <li>It is resolved to plan the activities viz., FDPs, Conferences, Workshops, Seminars which are to be conducted by all the Departments on or before July, 2022 for the Academic Year 2021-22.</li> <li>It is also resolved that every Department has to plan &amp; conduct atleast one training programme for their Non-teaching/Technical staff on or before July, 2022 for the academic year 2021-22.</li> </ul>

Agenda item No.	Name of the item	Action taken
4	Preparation of Annual Quality Assurance Report (AQAR) to be submitted to NAAC in the month of December, 2021	<ul style="list-style-type: none"> <li>• The last date for submission of AQAR for the Academic Year 2020-21 was extended upto 31.03.2022.</li> <li>• The AQAR for the Academic year 2020-21 is prepared and got approved in the Academic Council in its meeting held on 12.01.2022.</li> <li>• The AQAR will be uploaded in the NAAC portal on or before 31/03/2022 after getting it ratified by the Board of Governors.</li> <li>• The respective NAAC criteria in-charges are advised to submit their plan of action to conduct criterion wise activities for the academic year 2021-2022.</li> </ul>
5	Modalities to improve NIRF ranking of the College	<p>It is resolved to focus primarily on the following aspects to improve the NIRF ranking:</p> <ul style="list-style-type: none"> <li>• Research publications by the faculty in refereed/Journals indexed.</li> <li>• Taping sponsored research from the Government/Private funding organizations.</li> <li>• Enhancing the revenue generation through consultancy.</li> <li>• Filing the innovative ideas as Patents.</li> <li>• Attaining the Graduate Outcomes with enhanced success rate.</li> <li>• Improving the Faculty-Student Ratio.</li> <li>• Further resolved to expedite collaborative research projects with the nearby reputed institutions of excellence.</li> <li>• Arrange Expert Talks by each Department on "Writing Good Research Papers" and to incubate the ideas/enhancing the funded projects/consultancy.</li> </ul>
6	Review on guidelines of National Education Policy (NEP)-2020	Awaiting for the guidelines from the Osmania University as well as Government of Telangana on NEP-2020.



Agenda item No.	Name of the item	Action taken
7	Modalities to introduce Creative Curriculum and to bring innovative learning among the students	It is resolved to develop a Web portal or a website by the Departments of CSE & IT to enable the students to collaborate in coding practice as well as posting the questions/puzzles.

The IQAC has approved the Action Taken Report of the 20<sup>th</sup> meeting of IQAC held on 30.10.2021.

### 3. **Introduction of new courses under Open Electives:**

The members felt that there is a need to enhance "Out of Box" thinking skills in the students, particularly while executing Theme-Based & Main Projects. It is therefore resolved to introduce "Design Thinking" Course at B.E – VI Semester level as an Open Elective from the Academic Year 2021-22 onwards.

In this connection, following suggestions were received by the student members:

- Different assessment methodology to be adopted for these courses as compared to traditional courses.
- The batch size of Open Elective Courses may be revised. Students may be allotted to open elective courses of their 1<sup>st</sup>/2<sup>nd</sup> choice.
- One more course on Economics & Finance Management may be introduced under "Open Elective".

After thorough discussions on the above suggestions, the Principal informed the student members that,

- i) The Departments are in the process of finalizing the evaluation methodology for these new open electives.
- ii) The batch size of the open elective courses will depend on the availability of the resource persons.
- iii) Necessary care will be taken while allotting the Open Electives based the students' 1<sup>st</sup>/2<sup>nd</sup> preferences given by them during online registration.

### 4. **Finalization of modalities for conducting "Workshop on OBE" and "How to set a good quality question paper":**

Principal informed that the College is planning to conduct training programmes on "How to Set a good quality question paper" for the newly joined faculty members.

Members expressed that these training programmes should be branch-specific.

It is resolved to conduct these workshops on or before July, 2022 in the areas viz.,

(i) Outcome Based Education and (ii) How to set a good quality question paper at Department-level.

**5. Modalities to collect Faculty Self-Appraisal Forms for the year 2021-22, to enhance the quality and number of the Research Publications, Funded Projects, Consultancy, Patents etc., as per the suggestions made by the Expert Teams of NBA, NAAC and also to perform well in the NIRF ranking:**

The Principal informed the members that in order to identify the gaps/areas for overall improvement, it is necessary to collect information/data from individual faculty and therefore, a "Self-Appraisal Proforma" has been prepared and circulated among the faculty members. The filled-in forms have been submitted by the faculty. He further informed that the Self-Appraisal Forms includes the following parameters:

- i) Status of Ph.D.
- ii) Paper publications in Conferences/Journals.
- iii) Publication of Textbooks, teaching material.
- iv) Sponsored Research Projects.
- v) Consultancy.
- vi) Interface with industry.
- vii) Interface with Higher Educational Institutions.

Members suggested to analyze the data submitted by the faculty and prepare a report with their action plan for effective monitoring.

**6. Review on the Semester End student feedback, threshold value and analysis of B.E. III, V & VII Semesters in the year 2021-2022:**

The Principal informed the HoDs to identify the faculty members who got Semester End Student Feedback score less than the prescribed 80.5 threshold value and advise them to improve their Teaching-Learning as well as Pedagogical methods.

Members have suggested that the threshold values may be different for different based on type of course and hence there is a need to examine how to adopt different threshold values for various courses viz., Theory, Design, Drawing etc..

Further resolved that workshops on "OBE" and "CTOO & CLOO" are to be conducted for the students to bring awareness among them.



**7. Modalities for introducing "Peer Learning" method to enhance the learning levels among the B.E-I semester students:**

The Principal informed that in order to support the slow learners among the B.E – I Semester students, the College is planning to resume the "Peer Learning Groups" system by floating the idea among the interested students.

After thorough discussion, it is resolved that Heads of the Departments will initiate the process and based on the response and outcome after introduction of this system, suitable decision will be taken on extending the same to all the needy students.

**8. Review and finalization of Technical Skills (TS Programmes) for B.E.- VI Semester students during the Academic Year 2021-22:**

The Principal informed the members that in order to enhance the employability skills, a structured training on technical skills is provided to B.E – VI Semester students in the academic year 2021-2022.

By considering the suggestions made by the student members, it is resolved to offer Industry Standard Coding Practices in the Academic Year 2021-22 to enhance the students' employability opportunities, as detailed below:

- Using JAVA for CSE and I.T. students.
- In Linear, Non-linear Data Structures and Basic Algorithms for ECE and EEE students
- Using Python, Linear and Non-linear Data Structures for Mechanical and Civil Engineering students.

Further, it is resolved to:

- communicate the syllabi to the students and obtain their feedback.
- review at micro level on the analysis of CoCube Test scores of the students and identify the areas of improvement.
- strengthen the practice of using E-litmus and Mettl Testing by the students.

**9. Modalities for using the M.I.T Open courseware and other learning resources by the faculty for further improving the teaching learning process:**

The CEO advised the student & faculty members to inculcate the practice of using MIT/Stanford Open courseware contents in order to improve knowledge and

exposure to the latest applications.

After through discussions, it is resolved that the faculty should use/introduce MIT/Stanford Open Courseware contents besides NPTEL contents in the Teaching-Learning Process.

The Heads of Departments were therefore advised to prepare a plan of action on the use/introduction of MIT/Stanford Open Courseware in the B.E – IV & VI Semester courses and submit the compliance in the forthcoming Academic Committee meeting. In this connection, the students were also advised to visit MIT/Stanford courseware website and send their feedback.

**10. Constitution of a Committee to monitor & implementation of Strategic Plan for 2021-25:**

The Principal informed the members that the College is having a Strategic Plan for 2021-2025 and it is proposed that each Department shall prepare Strategic Plan 2021-2025 for their Department in line with College Strategic Plan and present in the meeting of Academic Committee.

**11. Conduct of Outreach and Extension Programmes:**

The Principal informed the members that the main objective for organizing Outreach & Extension Programmes is to improve learning, promoting civic engagement and strengthening communities through addressing their societal needs. He further informed that, outreach programme creates a partnership between the communities and the educational institutions. Keeping in view the necessity in organizing the Outreach & Extension Programmes, the HoDs were advised as follows:


- Identify experts to organize a program on entrepreneurship. In reply to this goal, the Head, Department of Mechanical Engineering informed that, it has already been planned to conduct one programming on entrepreneurship immediately after the completion of SEE of B.E- III Semester students.
- At least two activities are to be conducted by NSS Unit in addition to blood donation camp.
- Each Department should plan for conducting Outreach Programme & Extension Activities on or before July, 2022 and obtain the impact analysis on the Outreach Programme conducted earlier.

- Mr. Aditya Reddy, Assistant Physical Director was advised to conduct (a) Coaching Camps (b) Inter-Department Sports events and (c) Inter-Collegiate Games & Tournaments on or before July, 2022.

**12. Other item:**

The Principal advised the HoDs to plan and conduct Faculty Development Programmes, Workshops, Smart India Hackathons, Staff Development Programmes regularly in every academic year.

The meeting was concluded with vote of thanks to the Chair.

  
**(Dr. A.S. Sai Prasad)**  
Coordinator, IQAC

  
**(Dr. S.V. Ramana)**  
Principal & Chairman IQAC