



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

Minutes of the 20th Meeting of IQAC held at 12.15 p.m. on 30th October 2021 **conducted in Blended Mode**

Members Present:

<u>S.No.</u>	<u>Name of the Member</u>	<u>Designation</u>
1	Dr. S.V. Ramana, Principal	: Chairman
2	Sri P. Balaji, CEO, VCE	: Member
3	Dr. Anjaneya Varaprasad, Head, Six Sigma, TCS	: External-Member
4	Mr. K. Ravi, Head, Innovations, InfoTech Enterprises (VCE Alumnus)	: External-Member
5	Dr. B. Sridhar, HOD-Civil	: Ex-Officio Member
6	Dr. T. Adhilakshmi, HOD-CSE	: Ex-Officio Member
7	Dr. E. Sreenivasa Rao, Professor, Dept. of ECE	: Ex-Officio Member
8	Dr. M. Chakravarthy, HOD-E.E.E	: Ex-Officio Member
9	Dr. T. Rama Mohan Rao, HOD-MECH	: Ex-Officio Member
10	Dr. K. Rama Mohan Rao, HOD-I.T	: Ex-Officio Member
11	Dr. Jacqueline Amaral, HOD-H&SS	: Ex-Officio Member
12	Dr. P. Venugopal, HOD-Chemistry	: Ex-Officio Member
13	Ms. Ch. V.S.S. Sailaja, Assoc. Prof., Dept. of EEE	: Member
14	Sri M. Bhasker, Assoc. Prof., Dept. of Civil Engg.	: Member
15	Dr. A. Srinivas, Prof., Dept. of MECH	: Member
16	Ms. S. Aruna, Assoc. Prof., Dept. of IT	: Member
17	Ms. V. Sireesha, Asst. Prof., Dept. of CSE	: Member
18	Dr. P.V. Gopala Krishna, Assoc. Prof., Dept. of Mech. Engg.	: Member
19	Dr. G. Ramadevudu, Asst. Prof., Dept. of Physics	: Member
20	N ANAGHA, BE-V SEM-ECE(SEC.A), 1602-19-735-004	: Student member
21	PRADYUMNA HARIKEERTHI, BE-V SEM-ECE(SEC.B), 1602-19-735-132	: Student member
22	B BHUVANA CHANDRIKA, BE-VII SEM-ECE(SEC.A), 1602-18-735-009	: Student member
23	P. SAI CHARAN, BE-VII SEM-ECE(SEC.B), 1602-18-735-094	: Student member
24	SANJANA SHESHGIR, ME-II SEM(CE&SP), 1602-20-744-105	: Student member
25	AKA VENKATA NAGA SAI VIVASWAN, ME-II SEM(ES&VLSID), 1602-20-744-009	: Student member
26	MATTA NITYA SRI M, BE-V SEM-CIVIL, 1602-19-732-026	: Student member
27	POLA LAVAKUMAR, BE-VII SEM- CIVIL, 1602-18-732-019	: Student member
28	BONGONI BHOOMIKA, BE-V SEM-EEE, 1602-19-734-009	: Student member
29	AVUSULA VIKRANTH, BE-V SEM-EEE, 1602-19-734-301	: Student member
30	DIMPLE SANKEERTHANA, BE-VII SEM-EEE, 1602-18-734-011	: Student member
31	LIKHIT GUNDRU, BE-VII SEM-EEE, 1602-18-734-020	: Student member
32	POONAM VISHWAKARMA, ME-III SEM-PSPE, 1602-20-766-017	: Student member
33	AKASH S VORA, BE-V SEM-CSE(SEC.C), 1602-19-733-126	: Student member
34	PULLURI NISCHALA, BE-V SEM-CSE(SEC.B), 1602-19-733-084	: Student member
35	K PRASHASTHA, BE-VII SEM-CSE(SEC.A), 1602-18-733-031	: Student member
36	K ANISHA, BE-VII SEM-CSE(SEC.B), 1602-18-733-068	: Student member
37	CH KRISHNA CHAITANYA, ME/M.TECH-II SEM-CSE, 1602-20-742-001	: Student member
38	MATURI K SRIPRIYA, BE-V SEM-IT(SEC.A), 1602-19-737-018	: Student member
39	N TARUNI, BE-V SEM-IT(SEC.B), 1602-19-737-120	: Student member

<u>S.No.</u>	<u>Name of the Member</u>	<u>Designation</u>
40	C.ABHINAV,BE-V SEM-IT(SEC.C),1602-19-737-123	: Student member
41	POTLURI SHAMPI SRI,BE-VII SEM-IT(SEC.A),1602-18-737-044	: Student member
42	B. VENKATA SIVA KUMAR, BE-VII SEM-IT(SEC.A),1602-18-737-057	: Student member
43	BEGUGAM MAHALAXMI,BE-VII SEM-IT(SEC.B),1602-18-737-080	: Student member
44	MADISHETTI MANEETH,BE-VII SEM-IT(SEC.B),1602-18-737-082	: Student member
45	MYADAM ARJUN,BE-V SEM-MECH(SEC.A),1602-19-736-007	: Student member
46	AFTAB HUSSAIN,BE-V SEM-MECH(SEC.B),1602-19-736-072	: Student member
47	MADDULA SRIKAR,BE-VII SEM-MECH(SEC.A),1602-18-736-045	: Student member
48	KAVATI SRINIDHI,BE-VII SEM-MECH(SEC.B),1602-18-736-110	: Student member
49	DURGAM KARNA,ME(ADM)-III SEM,1602-20-745-003	: Student member
50	M MAHIPAL REDDY,ME(ADM)-III SEM,1602-20-745-004	: Student member
33	Dr. A.S. Sai Prasad, HoD-Physics and Director-Admissions & Exams	: Coordinator

The following member could not attend the meeting

- 1 Mr. M. Ramgopal, Head – Birlasoft

Prof. A. S. Sai Prasad, Coordinator, IQAC welcomed the members to the 20th IQAC meeting conducted in Blended Mode (both physical and online) on 30th October, 2021 at 12.15 p.m. After he welcomed the members to the meeting, the following items were taken-up for consideration:

1. Confirmation of the minutes of the 19th IQAC meeting held on 01.05.2021:

The minutes of the 19th IQAC meeting held on 01.05.2021 were circulated among the members for their review and comments. The minutes are read out.

Then the members approved the minutes of the 19th IQAC meeting held on 01.05.2021.

2. Action Taken Report on the resolutions made in the 19th IQAC meeting held on 01.05.2021:

The following Action Taken report on the resolutions of 19th meeting of IQAC are presented to the members by Prof. A.S. Sai Prasad, Coordinator, IQAC:

Item No	Name of the item	Action taken
3	To discuss and recommend modalities to introduce Alternative Assessment Tests (AATs)i.e., other than Quizzes and Assignments	The college has taken an initiation to get approval from the Academic council and the Board of Governors meetings held in the month of August 2021 to implement the suggestions given by the members of IQAC on these agenda items.
4	To discuss and Recommend on the modalities to enhance BTL levels in the question papers of internal and SEE in certain courses	These new initiatives such as alternative assessment Tests, enhancing the BTL levels, open book examination system and introduction of lab cum theory courses in the academic year 2021-22 in identified courses have been implemented by various departments

Item No	Name of the item	Action taken
5	To discuss and Recommend on the modalities to conduct open book examination in any one course per semester in any one of the internal examinations.	
6	To discuss and Recommend on the modalities to introduce more number of laboratory cum theory courses in the curriculum of BE program with effecting from the year 2021-2022	
9	To discuss and Recommend on the modalities to conduct a Workshop on Fostering Higher Order Thinking Skills (HOTS) among 21 st Century learners	The department of ECE is planning to conduct a workshop on Fostering Higher Order Thinking Skills (HOTS) among 21 st Century learners in this academic year.

Principal informed the members that some Departments have submitted the list of identified courses for the open book examination system to be conducted during second internal examinations.

Some Departments have identified few lab cum theory courses to be introduced from the Academic Year 2022-23.

Some of the student members expressed the opinion that unlike regular laboratory courses, the lab cum theory courses should focus more on hands-on-experience and reduce the traditional methods. In its place students may be asked to submit the analysis of the data and conceptualization of the content as part of lab record. Students may be asked to submit the record with more measurements, data analysis, results and conclusion for these courses.

The members appreciated the efforts of the college and approved the action taken report presented by the Coordinator, IQAC.

3. Review on conduct of Faculty Development Programs (FDPs) by various Departments:

Principal informed that the Departments are encouraged to organize FDPs and send faculty members to attend FDPs since such programs expose the faculty members to the latest trends and recent innovations in Science, engineering and Technology. Hence participation and organizing FDPs ensure that the faculty members are in touch with latest happenings in their specializations. Hence The following FDP programs have been conducted by various Departments:

1. An Online Faculty Development Programme (FDP) on **Deep Learning and AI Applications** from 21st June - 1st July 2021, organised by Department of Information Technology Vasavi College of Engineering (Autonomous), Hyderabad in association with NIT, Warangal Under the scheme of Electronics & ICT Academy (Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI.

2. Faculty Development Programme(FDP) **Blockchain and IOT**, 12 to 22 July 2021, Organized by Department of Computer Science & Engineering Vasavi College of Engineering (Autonomous), Hyderabad in association with National Institute of Technology, Warangal, under the Scheme of Electronics & ICT Academy (Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI.
3. National Level One Week Faculty Development Program on **Multi Technology** 28th June-03rd July 2021, Organized by Department of Computer Science & Engineering
4. Online Faculty Development Programme on "**Research Avenues in Thermal Engineering**" [RATE - 2021] 26th July – 30th July 2021, organized by Department of Mechanical Engineering, VCE
5. One Week Online ATAL Faculty Development Programme (FDP) on "**Design & Construction of Tall Building Structures**" 9-13, August 2021, Organized by Department of Civil Engineering, Vasavi College of Engineering (Autonomous).
6. One day online workshop on "Latest Trends in Digital Substations" 21st August 2021 by the Department of EEE.
7. "**Vibration And Condition Monitoring**" [VACM - 2021] 20th– 24th September 2021 Time:11.00 AM-12.30 PM organized by Department of Mechanical Engineering, VCE
8. Online Faculty Development Programme (FDP) on "**English Language Education (ELE): Teaching, Resources, And Evaluation**" 20th October to 26th October 2021 (Wednesday to Tuesday) organised by Department of H&SS.
9. One Week Faculty Development Program (Online Mode) on "**Role of Chemistry in Advanced Engineering Materials**" (RCAEM-2021) 25th-29th October 2021 organised by Department of Chemistry.

Mr. K. Ravi, member, IQAC suggested to involve all the faculty members to take part in various FDPs of their specialization. He also advised to conduct a FDP program both for the students as well as faculty members on "**Quantum Computing**" as it is one of the upcoming technologies.

Student members of ECE Department requested for to conduct one workshop for students on "**FAB Technologies**".

4. **Review on the preparation of Annual Quality Assurance Report (AQAR) to be submitted to NAAC in the month of December 2021:**

Principal informed to the members that the preparation of AQAR is under process. The college has to submit Annual Quality Assurance Report (AQAR) every year to NAAC in the month of December.

Coordinator, IQAC has informed that the following tasks have been completed:

- Allocation of NAAC criteria wise Faculty-in-Charges to collect and compile the required data from all the HoDs and Functional Heads.
- Timelines have been finalised to obtain, verify and get approval from the statutory body and to upload the data into NAAC portal.

Since NAAC requires AQAR data pertaining to previous completed Academic Year i.e. June 2020 to May 2021, we need to submit it for the Academic Year 2020-21. However due to the prevailing conditions of COVID-19 pandemic, as per the guidelines issued by the AICTE/UGC and Osmania University the academic year is revised.

Hence, to include the maximum data into AQAR it is decided to submit the data for the period starting from 01.09.2020 to 31.08.2021. However the members have suggested to consult NAAC in this regard and submit the AQAR as per NAAC authorities advise.

5. Modalities to improve NIRF ranking of the college:

In the year 2021 the college was ranked in the band [201-251] by NIRF. It is decided to chalk out various methods and ways to improve the NIRF ranking of the college. All the departments are asked to submit an action plan to further improve various metrics of National Institute Ranking Framework that leads to better ranking.

The members have shared the following ideas for the improvement of NIRF ranking of the College.

- Mr. K. Ravi suggested to prepare short video on the achievements and profile of the college and share on various social media platforms.
- Dr.Ch A V Prasad advised to groom the research article publications by the students also. Establish a forum for research initiatives involving the first and second year students in addition to higher class students. Encourage students to write articles to newspapers and other magazines.
- Student members expressed that the perception of the college be can enhanced by conducting more number of extra-curricular, co-curricular activities through intercollegiate competitions involving students from other academic institutions, Tech fests, ideation contests, Hackathons etc.
- Encourage students to participate in paper presentations, Hackathons, intercollegiate quiz competitions, technical fests conducted by other academic institutions.

6. Review on the guidelines of National Education Policy (NEP) – 2020:

Principal informed that the Government of India has proposed to implement the National Education Policy (NEP) 2020 across various educational institutions throughout India. NEP-2020 focuses on key reforms in higher education that prepare the next generation to thrive and compete in the new digital age and focuses on five pillars: Affordability, Accessibility, Quality, Equity, and Accountability – to ensure continual learning. Under the NEP, undergraduate degree will be of either 3 or 4-year duration with multiple exit options within this period. It also focuses on interdisciplinary and multidisciplinary academic programs.

In this regard, the college is looking for the guidelines from the affiliating University i.e. Osmania University on NEP and its implementation at the college level. The college will follow the guidelines, if any issued by the Osmania University.

7. Modalities to introduce Creative Curriculum and to bring innovative learning among the students:


Principal informed the members that in the era of improved availability of resources and technologies, the teaching learning process has become very challenging. The Creative Curriculum considers how to accommodate flexible and emergent learning opportunities within the curriculum design and delivery process. Now the educator's role should change from traditional definition to as coach, as mentor, and as motivator so as to encourage, shape, and nurture the students' own expressive energy by creating a stimulating and responsive learning environment.

Hence faculty training and development should include a mix of disciplinary and interdisciplinary focuses, as well as formal and informal methods. The faculty should make the classroom more interesting, creative and challenging. The members requested to place their ideas how to improve the learning curve of the students further through creative curriculum design.

Some of the students came forward to develop a web portal or a website to enable the students of various branches to participate in writing coding using various software languages including C, C++, python etc. Hundreds of questions will be posted in the site and interested students can write programs and post the solutions. Interested students can gauge their subject levels on this platform.

The principal appreciated their initiative and asked to submit their proposal through respective HoDs to take the idea further.

IQAC coordinator, Prof. A.S. Sai Prasad thanked the members for joining the 20th IQAC meeting on virtual and physical mode (blended mode) and participating in fruitful discussions on the agenda items.


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


(Dr. S.V. Ramana)
Principal