VASAVI COLLEGE OF ENGINEERING

(Autonomous)

Ibrahimbagh, Hyderabad – 500 031

03 May 2021

Minutes of the 19th Meeting of
IQAC held through online at 3.00 p.m. on 1st May 2021

Members Present:

S.No.	Name of the Member		Designation
1	Dr. S.V. Ramana, Principal	:	Chairman
2	Sri P. Balaji, CEO, VCE	:	Member
3	Mr. K. Ravi, Head, Innovations, InfoTech Enterprises (VCE Alumnus)	:	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 IT	:	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	Mr.S.R.E Sai Harsha, 1602-17-734-034, BE V Sem-EEE	:	Student member
20	Mr.M.Siddharth Ram,1602-16-735-102, BE-VII Sem(ECE-B)	:	Student member
21	Ms.V.Sreemayee,1602-16-735-043,BE-VIISem –ECE(Sec.A)	:	Student member
22	Mr.Ishrath, 1602-16-736-071, BE VII sem-Mech (Sec.B)	:	Student member
23	Mr.Nishant Jajoo, 1602-16-736-089, BE VII sem-Mech (Sec.B)	:	Student member
24	Mr.V.Sri Teja, 1602-16-733-050, BE VII Sem-CSE(Sec.A)	:	Student member
25	Ms.AVL harshitha, 1602-16-733-077, BEVIISem(CSE-B)	:	Student member
26	Mr.K.Santosh Kumar,1602-18-742-014,M.Tech-III Sem- CSE	:	Student member
27	Mr.MD Ibrahim Dawood, 1602-18-745-003, ME III Sem- Mech.	:	Student member
28	Mr.Ch.Gnaneswar Venkat Sai, 1602-18-766-003, ME III Sem-EEE	:	Student member
29	Ms.G.Sumedha, 1602-17-736-054, BE V Sem- Mech(Sec.A)	:	Student member
30	Mr.V.Bhanu Prakash, 1602-16-732-008, BE IV sem- Civil	:	Student member
31	Mr.V Akhil, 1602-16-737-004, BE IV Sem-I.T(Sec-A)	:	Student member
32	Ms.V.Sarika, 1602-16-737-102, BE 4/4 – IT(Sec.B)	:	Student member
33	Mr.N.Saiteja, 1602-16-734-040, BE 4/4 – EEE	:	Student member
34	Ms.M.Dhanalakshmi, 1602-16-734-013, BE 4/4 – EEE	:	Student member
35	Dr. A.S. Sai Prasad, HoD-Physics and Director-Admissions & Exams	:	Coordinator

The following members could not attend the meeting

S.No.	Name of the Member		Designation
1	Sri.M.Ramgopal	:	External-Member
2	Dr. Anjaneya Varaprasad, Head, Six Sigma, TCS	:	External-Member

1

Prof. E. S. Rao, Head, Department of ECE welcomed the members to the 19th IQAC meeting conducted online on 1st May 2021 at 03:00 p.m. The following agenda points were taken for consideration:

1. **Confirmation of the minutes of the 18th IQAC meeting held on 23.01.2021**

    The minutes of 18th IQAC meeting held on 23.01.2021 were reviewed & approved.

2. **Action Taken Report on the resolutions made in the 18th IQAC meeting held on 23.01.2021**

    The Action Taken Report on the resolutions of 18th meeting of IQAC was presented to the members by Prof. A.S. Sai Prasad, Coordinator, IQAC

Name of the item	Action taken
Review on conduct of Internal Examinations to B.E–III, V, VII and M.E/M.Tech – III odd Semesters using Moodle platform (Agenda Item No.4)	Internal Examinations were conducted successfully using Moodle platform with shuffling of questions from a question bank prepared by the faculty concerned so that each student will get a different set of questions. A training program is also arranged for faculty and students to get them acquainted with the Moodle platform.
Encouragement to the students and faculty to register for Coursera Online Certification Courses. (Agenda item No.5)	College has registered in Coursera and Edx Platforms which have provided free registrations for completion of certain online certification courses. The following are the details of the courses completed during the Odd semesters of the year 2020-2021 Faculty : 133 Students : 713
Discussion and finalization of modalities for the conduct of Online Lab SEE for B.E – Even semester students of 2019-20 and Odd Semester students of 2020-21. (Agenda item No.6)	Lab SEE for BE-Even semester students of 2019-2020 and Odd semester students of 2020-2021 were conducted successfully on Moodle platform.
Conduct of Training Program on Outcome Based Education to the faculty members (Agenda item No.7)	A Training Programme on Outcome Based Education (OBE) to all HoDs, Senior faculty members and Department NBA Coordinators was organised online with Prof.A.Venugopal, NIT, Warangal as an expert on 29.03.2021

3. **To discuss and recommend modalities to introduce Alternative Assessment Tests (AATs)i.e., other than Quizzes and Assignments**

    Mr. K. Ravi, Member suggested that interested students can identify some real-world problems which can be taken-up as mini projects.

    Mr. Anand, Student Member said that case studies will help the students acquiring more application-based concepts.

Sri P. Balaji, CEO has advised the Heads of the Department to

- Prepare the Rubrics and guidelines to adopt AAT (Alternative Assessment Tests)
- Identify one or two courses in each semester to introduce AAT on a pilot basis.

The members deliberated on various possibilities to introduce AAT (Alternative Assessment Test) and finally resolved to recommend AAT (Alternative Assessment Tests) Viz., Case Studies, Group Presentations on Applicative Aspects/ Emerging Technologies related to the course/ Term paper, Micro-Projects in selected courses with effect from the academic year 2021-22.

4. **To discuss and Recommend on the modalities to enhance BTL levels in the question papers of internal and SEE in certain courses**

After thorough discussions it is resolved to recommend to revise the Blooms Taxonomy levels in the question papers as per the following:

Sl. No.	Blooms Taxonomy level	Range of percentages
1	BTL - 1	20% (compulsory)
2	BTL - 2	Minimum of 30% and upto 40% maximum
3	BTL – 3 & 4	The total percentage of the BTLs from 01 to 04 should be equal to 100% i.e., from Level -2 if faculty selects minimum 30%, obviously 50% questions should be selected from BTL- 3 & 4.

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.**

It is resolved to recommend for conduct of one internal test in "Open Book Test" mode for the selected courses in a time bound and proctored manner

Sri P. Balaji, CEO has advised the following to the HoDs in respect of Open Book Test:
- prepare necessary guidelines
- identify faculty who are willing to conduct Open Book Test.

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**

It is resolved to recommend the introduction of Theory-cum-Lab Courses for B.E & M.E/M.Tech students to be admitted from the academic year 2021-22 in certain identified courses on a pilot basis

Sri P. Balaji, CEO has advised the following to HoDs:

- to examine the lab infrastructure/Software requirements to introduce theory cum lab courses
- HoD-ECE is requested to prepare guidelines and modalities for the evaluation of theory-cum-lab course.

7   To discuss and Recommend on the modalities to recognize the college as one of the centers of Smart India Hackathon (SIH)

The members expressed an opinion that it is important to establish one such center in the college as it provides many opportunities to our college students to interact with the industry and other academic institutions.

It is resolved to recommend the establishment of Smart India Hackathon (SIH) Center either by the college itself or in collaboration with the AICTE as per existing norms. It is decided to give responsibility to one of the Departments to work on this to establish the center. It is further suggested to conduct National level hackathons at least once in a semester either thorough online or in the campus.

It is also suggested to enhance the experiential learning aspects in identified labs through Lab-based Projects/ Design Contest / Conduct of Hackathons / Developing any proto types / preparing the students for Ideation Competitions.

8   To discuss and Recommend on the modalities to establish "Quality Circles" for a participatory Management Techniques to improve Teaching Learning and Academic performance

To improve the teaching learning and academic performance further, it is resolved to recommend to establish "Quality Circles" to focus on
- Design of curriculum
- Adherence of course plan and lesson plan by the faculty
- Adherence of academic calendar including department activities
- Quality of Question papers
- Auditing of answer scripts
- Attainments of COs & POs and PSOs
- Achievements of faculty API scores
- Signing of MOUs
- Acquiring Consultancy works
- Applying for patents
- Collaborative writing of research projects, research/book publications etc
- Achievements of the Department targets towards academic and R&D

The "Quality Circles" may be formed within the Departments or inter-Department involving the faculty members at various levels.

9   To discuss and Recommend on the modalities to conduct a Workshop on Fostering Higher Order Thinking Skills (HOTS) among 21st Century learners

It is recommended to conduct a workshop on Fostering Higher Order Thinking Skills (HOTS) among 21st Century learners to expose different Pedagogical methods and evaluation tools. Further, it is proposed that Department of ECE to take initiation and organize the workshop on Fostering Higher Order Thinking Skills (HOTS) among 21st Century learners as early as possible either in online mode or off-line mode.

Prof. A.S. Sai Prasad, IQAC Coordinator proposed vote of thanks to the members for joining the online meeting and for making fruitful discussions on the agenda items.

PRINCIPAL