Minutes of the 25th meeting of IQAC held at 2.30 p.m. on 3rd March,2023

Members present:

1	Dr. S.V. Ramana, Principal	:	Chairman
2	Dr. P.V. Rajgopal, General Manager(Retired), BHEL	:	External-Member
3	Dr. P. Mastanaiah, Scientist 'F', DRDL	:	External-Member
4	Mr. C. S. Rohith, Deputy Executive Engineer	:	External-Member
5	Dr. B. Sridhar , HoD-Civil	:	Ex-Officio Member
6	Dr. T. Adilakshmi, HoD-CSE	:	Ex-Officio Member
7	Dr. E. Srinivasa Rao, HoD-ECE	:	Ex-Officio Member
8	Dr. M. Chakravarthy, HoD-E.E.E	:	Ex-Officio Member
9	Dr. T. Ram 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	Dr. T. SudhakarRao,HoD-Mathematics	:	Ex-Officio Member
14	Dr. Ch.VKNSN Moorthy, Professor & Director, R&D	:	Ex-Officio Member
15	Dr. P. Hemagiri Rao, Controller of Exams (CoE)	:	Ex-Officio Member
16	Dr.Ch. V.S.S. Sailaja, Assoc. Prof., Dept. of EEE	:	Member
17	Ms. S. Aruna, Asso. Prof., Dept. of IT	:	Member
18	Dr. V. Sireesha, Asst. Prof., Dept. of CSE	:	Member
19	Dr. G. Ramadevudu, Asst. Prof., Dept. of Physics	:	Member
20	Dr. P.V. Gopala Krishna, Assoc. Prof., Dept. of Mech.	:	Member
21	Dr. A.S. Sai Prasad, HoD-Physics & Director, AEB	:	Member
22	Dr. A. Srinivas, Prof., Dept. of Mech.	:	Member
23	Hima Satwika Katragadda,1602-20-733-011,BE-V Sem, CSE-A	:	Student member
24	K Karthikeya, 1602-20-735-015, V Sem-ECE-A	:	Student member
25	Hafsa Anam, 1602-20-735-073, BE V Sem-ECE-B	:	Student member
26	M Ahkil, 1602-20-735-123, BE V Sem-ECE-C	:	Student member
27	N Anagha, 1602-19-735-004, BE VII Sem-ECE-A	:	Student member
28	Devarakonda Sree Surya, 1602-20-737-043,BE V-Sem-IT-A	:	Student member
29	Loya Sakshi, 1602-20-737-078, BE V-Sem-IT-B	:	Student member
30	Hima Atluri, 1602-20-737-136, BE V-Sem-IT-C	:	Student member
31	MaturiK Sripriya, 1602-19-737-018, BE VII-Sem-IT-A	:	Student member
32	N.Taruni, 1602-19-737-120, BE VII-Sem-IT-B	:	Student member
33	C Abhinav, 1602-19-737-123, BE VII-Sem-IT-C	:	Student member
34	Sharanya Jawalkar, 1602-20-736-103, BE- V SEM- MECH - B	:	Student member
35	Myadam Arjun, 1602-19-736-007, BE- VII SEM- MECH - A	:	Student member
36	Sri Vaishnavi, 1602-19-734-043, BE VII SEM- EEE	:	Student member
37	Nagavarapu Kumara Bhargavi, 1602-20-734-020, BE V Sem-EEE	:	Student member

<u>The following members could not attend the meeting:</u>

1	Mr. Emmanuel Gosula, Sr.Resource Devpt. Manager, EPAM Systems.	:	External-Member
2	Dr. Kurra Mallaiah, Scientist 'F', DRDL	:	External-Member
3	Cherukuri Phani Madhuri, Deputy Manager, BEL	:	External-Member
4	Sri. M. Bhasker, Assoc. Prof., Dept. of Civil Engg.	:	Member
5	Mohammed Irshad Ali, 1602-22-CS008, M.TECH-I SEM, CSE	:	Student member
6	Akash S Vora, 1602-19-733-126, BE-VII Sem, CSE-C	:	Student member
7	H. Pradyumna, 1602-19-735-132, BE VII Sem-ECE-C	:	Student member
8	Utpala Abhijit Chandra,1602-22-EV004, M.E I-Sem -ECE (ES&VLSID)	:	Student member
9	Mirza Rizwan Ali Baig, 1602-22-745-001, ME- I SEM- MECH(ADM)	:	Student member
10	Shilapally Sirisha, 1602-20-732-037, BE-V SEM-CIVIL	:	Student member
11	Mohammed Munaf Uddin, 1602-22-PSE013, M.E.I SEM-EEE(PS&PE)	:	Student member
12	Nukala Sri Vaishnavi Kiran,1602-19-735-114, BE VII Sem-ECE-B	:	Student member
13	M Sai TejaM, 1602-19-732-038, BE- VII SEM- CIVIL	:	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. **<u>Confirmation of the minutes of the 24ʳᵈ IQAC meeting held on 15.12.2022:</u>**

The minutes of the 24ᵗʰ meeting of the IQAC held on 15.12.2022 were read and confirmed by the members after the review.

2. **<u>Review of the Action Taken Report on the resolutions adopted in the 24ᵗʰ IQAC meeting held on 15.12.2023:</u>**

The Action Taken report on the resolutions made in the 24ᵗʰ meeting of IQAC is presented by Prof. A.S. Sai Prasad, Coordinator, IQAC and reviewed by the members :

Item No	Name of the item	Action taken	Further resolved in the meeting held on 03.03.2023
3	"Guru Dakshata Program" for the newly joined faculty	Department of Mathematics will organize the "Guru Dakshata Program" for two/three days. It is planned to be conducted in the months of June/July,2023 for the newly joined faculty.	Principal informed the HoD-Mathematics to identify the topics / themes to be included in the workshop and get it approved. Later, identify the resource person for the effective conduct of "Guru Dakshata Program"

Item No	Name of the item	Action taken	Further resolved in the meeting held on 03.03.2023
4	Finalization of modalities towards the conduct of One Day Workshop on "Time Management" to all the faculty members	Department of Civil Engineering will organize the one Day Workshop on "Time Management". It is planned to be conducted to all the faculty in the months of July / August,2023.	Principal informed that the main objective is to guide the students to manage the available time(for preparation for quizzes and tests, completion of assignments and lab records etc.,) effectively. For this purpose, faculty should be guided on how to manage the time for their Academic, Teaching-Learning-Evaluation and R&D activities so that they can effectively train the students.
6	Review of the modalities towards the conduct of Academic Audit in the academic year 2022-23	The Academic Audit for the year 2021-22 was conducted with the subject experts from O.U, JNTU and NITW on 11th February, 2023. Departments have been informed to submit the compliance/action taken report on the observations made by the committee.	Principal informed that the main idea of the Academic Audit is to validate the various processes and systems under Autonomy. During the audit, it is found that departments need to improve R&D activities (Paper publications, funded projects, patents) consultancy. The similar the concerned was revealed by NAAC and NBA visit teams.
8	Interdisciplinary projects for B.E- VIII Semester from the academic year 2022-23	The Departments are advised to identify the faculty to guide interdisciplinary projects for B.E- VIII Semester students and the said projects are in progress.	Principal informed the details on the allotments of the interdisciplinary projects for B.E-VIII Semester students.

The IQAC has approved the action taken report of the 24th Meeting of IQAC held on 15.12.2022.

3. **Discussion to introduce "POGIL" (Process Oriented Guided Inquiry Learning) strategy in certain courses on pilot basis.**

    Principal informed the members that it is proposed to introduce "POGIL" (Process Oriented Guided Inquiry Learning) strategy, as one of the Teaching-Learning methods in order to enhance applicative learning among the students in certain courses on pilot basis.

    For this purpose, Prof. A.S.Sai Prasad and Dr.V.Sirisha, Associate Professor, CSE Department have explained the detailed methodology and process required to implement "POGIL" to the members.

    Members have expressed the opinion that all the Departments have to work out the strategies for possible implementation of POGIL in the academic year 2023-24 to certain identified courses. Further, it is resolved that departments to arrange a workshop/FDP on POGIL to get required awareness by the faculty for necessary implementation.

4. **Discuss to enhance "Experiential Learning" methods**

    Principal has explained the importance of Experiential learning as it provides the student with the opportunity to translate the didactic and theoretical knowledge of the classroom into the skills necessary to function proficiently in the practice setting.

    Because of the importance of this, it is suggested to enhance with some more experiential Learning methods to the students in addition to already practicing.

    Members have suggested to form a sub-committee to identify the possible Experiential methods. After through discussions, members have told to identify the methods from the following categories to bring holistic development among the students.

    - Course Augmentation Methods
    - Innovative Methods
    - Industry-Institute Symbiosis
    - Liberal Education
    - Co-Curricular activities

5. **Review finalization of Technical Skills for the BE-VI Semester students in the Academic year 2022-23**

   Principal informed that the following Technical Skill courses are identified to be offered to the BE-VI Semester students in the academic year 2022-23 and first phase of the training was completed during the period 20.02.2023 to 24.02.2023.

Sl. No	Name of the Department	Title of the Technical Skills course for B.E VI Semester students
1	CIVIL	• Programming Practices in Data Structures and Algorithms and Programming Practices Using Python and DBMS • Rivet Architecture
2	CSE	• Programming Practices in Advanced Algorithms and Programming Practice Using Java, DBMS and React JS
3	EEE	• Programming Practices in Algorithms and Programming Practice Using Java and DBMS
4	ECE	• Programming Practices in Algorithms and Programming Practice Using Java and DBMS
5	MECH	• Programming Practices in Data Structures and Algorithms and Programming Practices Using Python and DBMS
6	I.T	• Programming Practices in Advanced Algorithms and Programming Practice Using Java, DBMS and React JS

   The feedback on the first phase of the Technical Skill Training conducted is obtained from the students, is as follows:

   MECH: Training is useful, Python Programming and JAVA may be included in the training.

   EEE: Coding Syntax and Logic may be explained for more problems during the Technical Skills classes.

   ECE: Domain specific Technical Skills may also be offered.

   CSE: The Industry Coding Techniques are taught in a structured manner.

   I.T : The trainers have taught variety of problems by considering the level of students.

   In general, members have expressed that one hour practice in every week may be provided after Technical Skills classes.

6. **Review the submission of NBA-SAR of I.T Department and preparedness for NBA expert team visit**

   HoD-I.T has informed that college as submitted NBA-SAR of I.T program on 17th February, 2023 and college has proposed five sets of dates for NBA Expert Team visit in the month of April/ May/ Sept/October,2023. In this context, Principal has advised the departments particularly I.T department to keep all the files updated with sufficient documentary evidence and make all necessary arrangements for the Expert Team visit.

7. **Review of training to the students for participating in All India Hackathons in the year 2022-23**

    The HoDs of Engineering Departments are advised to identify the students to participate in National-level Hackathons in the year 2022-23 and also provide necessary training and mentoring. Members have felt that Hackathons should be conducted at the college-level regularly to get sufficient practice to participate in National Level Hackathons.

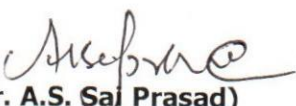8. **Any other item with the permission of the Chair**

    Principal has reviewed the feedback from the students on the existing Open Electives being offered. For this purpose, student members have told that the Open Electives should be more application oriented, Emerging Technologies and Lab-based. Principal also informed that college is proposing to offer Stream-based Open Elective in addition to General Pool Open Electives from B.E – III to VI Semesters for the students admitted with effect from the year 2022-23.

    Further, he has advised the members :

    - To explore the idea of considering the Stream-based Open Elective courses as an alternative for offering Minor Specialization.
    - Departments have to identify (a) the most opted / Skill-based Open Elective courses to their students. (b) Most sought after /Skill-based Open Elective courses that they can offer to other department students.

    Finally, it is resolved that all the HoDs (Both Engineering and Basic Sciences) are advised to prepare a proposed Stream Based Open Electives (from BE-III to VI Semesters) as well as General Pool Open Electives (From B.E III To VI Semesters) for the students admitted from the academic year 2022-23 onwards

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

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

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