



Velagapudi Ramakrishna
Siddhartha Engineering College
(Autonomous)
Vijayawada – 520 007, Andhra Pradesh

16th December, 2019.

Minutes of 17th Internal Quality Assurance Cell (IQAC) meeting:

Minutes of the 17th regular meeting of the Internal Quality Assurance Cell (IQAC) held on Saturday, 16th December, 2019 in the Conference Hall, Administrative Block, V.R. Siddhartha Engineering College at 10.30 AM. Dr. A.V. Ratna Prasad, Chairman, IQAC and Principal, VRSEC, called for the meeting and conducted the proceedings.

Members Present:

1. Dr. A.V. Ratna Prasad	Principal, VRSEC	Chairman
2. Sri M. Rajayya	Vice-President, SAGTE	Management
3. Dr. P. Siddaiah	Principal / ANU College of Engg. and Technology, Guntur	Teacher (Ext. Member)
4. Dr. L. Krishnanand	Professor, Dept. of ME, NIT, Warangal	Teacher
5. Dr. B. Panduranga Rao	Dean, (Students Affairs & Consultancy)	Teacher
5. Dr. P. V. Subbaiah	Prof of ECE & COE	Sr. Admn. officer
6. Dr. Ch. Baby Rani	Asso. Prof & HOD, Mathematics	Sr. Admn. officer
7. Sri M.V. Sai Babu	Admin. Officer	Sr. Admn. officer
8. Sri M. Sreeramulu	Librarian	Sr. Admn. officer
9. Dr. N. Ravi Kumar	Professor & I/c Head, ME	Teacher
10. Dr. P.V.R.L. Narasimham	Professor & HOD, EEE	Teacher
11. Sri Shaik Fayaz Ahamad	Assistant Professor, ECE,	Teacher
12. Sri R.L. Narayana Charyulu	Assistant Professor, Maths	Teacher
13. Dr. S. Srinivasa Prasad	Professor, ME	Teacher

14. Dr. V. Mallikarjuna	Associate Professor, CE	Teacher
15. Dr. K. Parish Venkat Kumar	Assistant Professor, MCA	Teacher
16. Smt. K. Pragathi	Assistant Professor, MBA	Teacher

Special Invitees Present:

1. Dr. Ch. Srinivas	Professor & Head, CE	Special Invitee
2. Dr. D. Rajeswara Rao	Professor & Head, CSE	Special Invitee
3. Dr. K. Sri Rama Krishna	Professor & Head, ECE	Special Invitee
4. Dr. M. Suneetha	Professor & Head, IT	Special Invitee
5. Dr. G.N. Swamy	Professor & Head, EIE	Special Invitee
6. Dr. P. Ramesh Kumar	Associate Professor, CSE	Special Invitee
7. Dr. B. Narasimha Rao	Professor & Head, MBA	Special Invitee
8. Dr. G. Anuradha	Associate Professor, CSE	Special Invitee
9. Dr. BDCN Prasad	Professor & Head, MCA	Special Invitee

Members Absent:

Sri P. Lakshmana Rao, Secretary, SAGTE, Dr. N.N. Sastri, Dean, R & D, Dr. M.V.S. Raju, Coordinator, IQAC, Sri Vijaya Maruthi Babu, IR & P, Sri M. Lingeswara Rao, Former Chairman, Local Society, IE(I) VJLC, Vja., Sri Dasari Ram Babu, Treasurer, CREDAI, Sri S.R.T. Rama Swamy, Vice-President, Efftronics Systems Pvt. Ltd., Sri V. Naga Prudhvi Raj, Associate Professor, EIE, Dr. A. Srisaila, Assistant Professor, IT, Ms. J. Teja Pavani, Student have not attended the meeting due to their pre-occupations.

The following agenda items were discussed and deliberated upon.

Item No. A. Action taken report on the proposals of 16th IQAC meeting held on 15-06-2019.

Dr. A.V. Ratna Prasad, Chairman, IQAC and Principal, VRSEC, presented the following **Action Taken Report** on the resolutions of the 16th IQAC meeting.

1. Effectiveness and successful monitoring of Quality Circles.

Dr. A. V. Ratna Prasad, requested the heads of various departments to present about the functioning of Quality Circles.

Dr. D. Rajeswara Rao, HOD, CSE said that in CSE department slow learners (<50% marks) were identified after the completion of first two internal examinations of course work and they are taken care in all aspects for their betterment through Quality Circles. He further said that, for advanced learners ELITE student welfare club was formed to enhance the computation thinking and to make them expertise in coding.

Dr. Ch. Srinivas, HOD, CE said that Quality Circle groups (four identified slow learners and one student leader) are formed under the supervision of two faculty coordinators. For advanced learners different activities are arranged through various professional societies such as ASCE, IEI, ICI, IGBS, EWB, ACES.

Dr. K. Sri Rama Krishna, HOD, ECE said that QC hour is incorporated in time table weekly once and is monitored by the designated In-charge.

Dr. PVRL Narasimham, HOD, EEE said that three courses based on previous batch inputs are selected to form the Quality Circles for the benefit of slow learners.

Dr. G. N. Swamy, HOD, EIE said that slow learners are identified subject wise in 2nd, 3rd and 4th year classes and implemented Quality Circles. Considerable improvement is found to an extent of 77% from 50% of results in slow learners having backlogs.

Dr. M. Suneetha, HOD, IT said that slow learners are identified from 2nd year students and implemented Quality Circles in R Programming, Operating Systems, DBMS, Python Programming and DAA courses. For meritorious students Coding lab + Spl. Task is included in the time-table.

Dr. N. Ravi Kumar, I/c HOD, ME, said that, Quality Circles implemented for Strength of Materials course and 80% of students cleared backlogs due to QC approach.

In this regard, Sri M. Rajayya, Vice-President, SAGTE, suggested that the Quality Circles should be implemented effectively in all the departments, not only for the benefit of slow learners, but also to improve the performance of students in campus placements.

2. Plastic free campus – Initiatives in each department

Dr. A.V. Ratna Prasad, has presented the report on initiatives taken on minimization of single use plastics in all the departments as well as in the college to make the campus a plastic - free zone. Further, he added that Computer Science and Engineering department organized two events, Ideathon and Photography, to create awareness about the plastic usage and its harmful effects; Information Technology department organized International Plastic Bag Free Day and Mechanical Engineering Department organized interdepartmental program called “Heal the World – Say No to Plastic”.

In this regard, Sri M. Rajayya, Vice-President, SAGTE said that the District Collector, Krishna is planning to make Krishna District as plastic free district. Further he added that if the Principal and all HODs are effectively and collectively join hand together to make the campus plastic free by February, 2020, then he will invite the District Collector to the campus to witness and to put on records.

3. Departmental distinctiveness

Dr. A. V. Ratna Prasad, requested the heads of various departments to present about the distinctiveness of their departments.

Responding to this all the heads of the departments are presented their departmental distinctiveness.

Dr. D. Rajeswara Rao, HOD, CSE explained about the Semester Readiness Programme (SRP) and the Work Book developed for Laboratory courses and the functioning of Elite and Elite++ Groups in the department.

Dr. Ch. Srinivas, HOD, CE explained about the Job Oriented Certificate Course conducted for final year students by inviting Industry Experts as well as about the Industry offered courses introduced in UG and PG programmes.

Dr. K. Sri Rama Krishna, HOD, ECE, explained about the creation of conducive atmosphere for promoting Research and Innovations. He further added that, the department is having highest no. of Research Projects and Research Publication in SCI / Scopus indexed journals.

Dr. PVRL Narasimham, HOD, EEE, explained that, the department is offering extensive training in PCB design for the present first year students.

Dr. G. N. Swamy, HOD, EIE, explained about the Job Oriented trainings organized in Process Instrumentation, Automation and National Instruments laboratories.

Dr. M. Suneetha, HOD, IT said that achieving 100% Placement and establishment of collaborative labs with IBM, APPLE is the distinctiveness of the department.

Dr. N. Ravi Kumar, I/c HOD, ME, explained about the establishment of Centre of Excellence in Composites, useful for PG Project Work, R & D and consultancy services.

4. Implementation of coding practice on model based development for embedded projects in CSE and IT departments.

Dr. A. V. Ratna Prasad, requested the heads of departments to present about the coding practice on model based development for embedded projects in CSE and IT departments.

Responding to this, Dr. D. Rajeswara Rao, HOD, CSE said that one workshop and two guest lectures organized to create awareness on development of model based projects and 18 student projects are identified under EPICS by implementing coding practice in CSE department.

Dr. Ch. Srinivas, HOD, CE said that three 'IOT' based projects developed by the students were demonstrated on the occasion of Innovation Day.

Dr. M. Suneetha, HOD, IT said that three projects were developed by students on 'IOT'.

Item No. (B) Issues for discussion

1. Extension activity by involving Technical expertise under Unnat Bharat Abhiyan.

Dr. A. V. Ratna Prasad, explained about the significance of extension activities to be conducted by involving technical expertise under Unnat Bharat Abhiyan, and requested the HODs to involve student groups to organize various extension activities with the help of technical expertise of the departments.

Responding to this, Dr. D. Rajeswara Rao, HOD, CSE, said that, the department is planning to organize six activities during this semester in selected villages under Unnat Bharat Abhiyan.

Dr. Ch. Srinivas, HOD, CE said that the department is planning to organize eight activities during this semester under this scheme.

Dr. K. Sri Rama Krishna, HOD, ECE said that the department is planning to organize three activities during this semester for the benefit of society.

Dr. PVRL Narasimham, HOD, EEE the department is proposed to organize activities on energy saving methods & usage of solar energy.

Dr. G. N. Swamy, HOD, EIE said that the department is planning to organize awareness camp on renewable energy sources for the benefit of society.

Dr. M. Suneetha, HOD, IT said that the department is focusing on extension activities related to girl students and working women.

Dr. N. Ravi Kumar, I/c HOD, ME said that the department is planning to organize a training program to school dropouts in selected villages.

In this regard, Sri M. Rajayya, Vice-President, SAGTE, suggested that there should be collaborative involvement from different departments for effectiveness of extension activities.

2. New Industry contacts for taking up real time student projects

Dr. A. V. Ratna Prasad, briefed about the importance of new industry contacts for taking up real time students projects / Internships / R & D Funding, in turn to improve campus placements.

In this regard, Dr. D. Rajeswara Rao, HOD, CSE informed that 7 new industries/companies are identified so far for the benefit of students.

Dr. Ch. Srinivas, HOD, CE informed that 21 new industries/ companies are identified and an amount of Rs. 26 lakhs was received as R & D fund from various organizations.

Dr. K. Sri Rama Krishna, HOD, ECE informed that 22 industries/companies are identified to depute students for their projects/ Internship.

Dr. PVRL Narasimham, HOD, EEE informed that MoU with M/s Sarada metal & Alloys Ltd, Kothavalasam, Vizianagaram was materialized in the process of identifying more number of new industries.

Dr. G. N. Swamy, HOD, EIE informed that two new industries/ companies are identified and the Dept. is in the process of identifying more number of new industries.

Dr. M. Suneetha, HOD, IT informed that established contacts with five new industries/ companies and the Dept. is in the process of identifying more number of industries.

Dr. N. Ravi Kumar, I/c HOD, ME informed that established contacts with five new industries/ companies to carry out full time student projects/ internships based on their interest.

Finally it is Resolved that,

- Quality Circles should be effectively implemented to improve the performance of slow learners and it may be extended to campus placements.
- the campus should be made plastic free by avoiding single use plastics.
- Departments should show some distinctiveness for their recognition in outside world and better placements for the students.

Dr. A. V. Ratna Prasad, Chairman, IQAC and Principal, VRSEC thanked all the members for their active involvement and constructive suggestions for improvement.



Dr. V. Mallikarjuna
For Coordinator- IQAC



Dr. A.V. Ratna Prasad
Chairman, IQAC &
Principal, VRSEC