Minutes of 26th IQAC meeting

Minutes of the 26th Internal Quality Assurance Cell (IQAC) meeting held on Saturday, 25th June 2022 through offline for internal members & online platform for external members in VR Siddhartha Engineering College at 10.00 AM. Dr. M.V.S.Raju, Coordinator IQAC, VRSEC, called for the meeting and conducted the proceedings.

Members Present:

Chairman	Dr. A.V. Ratna Prasad, Principal, V.R. Siddhartha Engg. College (Webex)
Senior Administrative	Dr Ch. Baby Rani, Associate Professor, Mathematics
Officers	Sri M. V. Saibabu, Administrative Officer
	Sri M. Sreeramulu, Librarian
Teachers	Dr. N. Vijaya Sai, Professor & Head, ME
	Dr. P V R L Narasimham, Prof. & Head, EEE
	Dr. A. Srisaila, Assistant Professor, IT
	Dr. Balachennaiah, Assistant Professor, ME
	Mr. A. Ravi Raja, Assistant Professor, ECE
	Sri V Naga Prudhvi Raj, Associate Professor, EIE
	Dr. D. Rajani, Assistant Professor, Maths
	Mr. R. Rama Krishna, Asst. Prof., MCA
	Mrs V. Madhulatha, Asst.prof., MBA
Student	Ms. G. Samhitha (188W1A05D6), CSE
Alumni	Sri Dasari Rambabu, alumni (through Webex)
External Peer Team	Dr. P. Siddhaiah, Dean, ANU College of Engg. & Tech., Guntur (Webex)
	Dr. L. Krishnanand, Professor, Dept . of ME, NIT, Warangal (Webex)
Industrialist	Sri SRT Rama Samy, Vice president, Efftronics Systems Pvt.Ltd.(Webex)
IQAC Coordinator	Dr. M V S Raju, Professor, CE
Special invitees	Dr. Ch. Srinivas, Professor & Head, CE
	Dr. D. Rajeswara Rao, Professor & Head, CSE
	Dr. G. N. Swamy, Professor & Head, EIE
	Dr. M. Suneetha, Professor & Head, IT
	Dr V. Narasimha Rao, Head, MBA
	Dr. V.Esther Jyoth, Head (incharge), MCA

Dr M. Durga Bhavani, Asst. Prof., Chemistry

Dr. G. Anuradha, Asso.Professor, CSE

Dr K. Narendra, Asso. Prof., NSS Coordinator, Physics

Dr Khalim Amjad Meerja, Asso. Prof., ECE.

Dr. M.V.S.Raju, Professor & Coordinator, IQAC welcomed the external and internal members of IQAC and the following agenda items were discussed and deliberated upon.

1.Regular training to support staff (Technical, Non-Technical & Admin.)
2.Industrial Training to Faculty.

Item No. (A) Action taken report on the proposals of 25rd IQAC meeting.

Dr. M V S Raju, IQAC coordinator presented the 'action taken report' on the issues proposed in the 25th IQAC meeting.

1.Regular training to support staff (Technical, Non-Technical & Admin.)
Dr M V S Raju presented the details of training programs conducted by Administrative and Engg. departments and supporting staff undergone training. He also informed to the HODs & Admin. wing to submit the data of planning and scheduling of trainings at the beginning of Academic Year to IQAC & upload the organised programs in IQAC portal under 'Activities' time to time. In addition, he directed all the departments to continue the same practice every year at par with training of faculty.

Dr.P.Siddaiah appreciated the measures taken and suggested to take steps to enhance their educational qualifications too.

2.Industrial Training to Faculty
Dr M V S Raju, appreciated the departments for their good response, while stressing the importance of Industrial training to faculty in the changing higher educational scenario. While giving the information to members, he disclosed the number of faculty undergone training in various industries. He requested the Heads of departments to maintain and submit the data of planning as well as data of organised programs to IQAC similar to the above activity. Further, he emphasized the need of continue the same practice every year in all the departments.

Sri Ramaswamy from Effetronics said that they are working on embedded systems, Machine learning, etc. and open to train the faculty.

Dr.P.Siddaiah appreciated the approach of providing industrial training to faculty in state-of-the-art technologies in all departments.

Item No. (B) Issues for Discussion
Dr. M V S Raju presented the following agenda items and their intentions

1. Streamlining the Student projects emphasizing *Paper publications, Patents, Innovative model* development & *Start-ups.*
2. Annual planning & Implementation on
    (a) Execution of Extension activities (NSS) in adopted villages focusing on *technical issues* in particular and getting solutions by *collaborating with* outside organizations,
        (b) Securing ample number of *National & State level awards.*

1. Streamlining the Student projects emphasizing *Paper publications, Patents, Innovative model* development & *Start-ups.*
The IQAC Coordinator Dr. M V S Raju presented department wise student paper publication details for the last three academic years, in a graphical representation. Which consists of published papers and the potential (the possibility of publication) of the department in a academic year. The potential of each department has been calculated, logically, balancing the strength of the faculty and students according to the targets / bench marks set in strategic plan 2020-25. Here only Scopus indexed / WoS papers are taken into consideration.

While calculating the potential of publications in Engineering departments, 50% of batches in major project, 25% of batches in mini project cum EPICS of B.Tech program and 80% of students of M.Tech program were considered. Whereas, 50% of students were considered for MCA and MBA departments. However, the above formula was used only for fulfilling the minimum requirement from each department.

He highlighted the opportunity of publishing papers from student projects in VR17 & VR20 regulations and also made some suggestions wrt prior planning such as Detailed Project Proposal (DPP) submission prior to the semester, Assessment, Marks weightage and corrective measures to follow. The detailed information is available in his presentation in IQAC website.

He also advised the departments to follow some best practices such as conducting churning sessions by inviting experts from various fields, identify and encourage such active students, meticulous examination during project assessment, etc.

Further, to make the external members aware, he highlighted the existing motivational schemes which are already in practice to encourage R&D, such as regular trainings on Research publications, Patents, Start-ups, etc.; Seed grant support; support for paper publication in conferences, filing patents, establishing start-ups, innovative model development, etc.; incentives for publications and sponsored projects and appropriate weightage in PBAS.

Dr. Siddaiah emotionally said that getting publications from B.Tech students are remarkable and good sign for the progress the college and this is what the Nation & NEP2020 is expecting. In

this context he appreciated the efforts taken by the Principal of the Institution, IQAC, Departments and faculty for publishing the UG and PG project outcomes.

Dr Siddhaiah also enquired about the patents of the Institute and satisfied with the response of IQAC coordinator.

2.Annual planning & Implementation on
(a) Execution of Extension activities (NSS) in adopted villages focusing on, particularly, technical issues and resolving local problems with the support of outside organizations collaborations.
(b) Securing ample number of National & State level awards.

Dr. M V S Raju presented the three years data of Extension activities organised by the Institute's NSS unit. He highlighted the role of technical extension activities and collaborations in getting awards and suggested to give more priority in executing them to secure the State and National awards, along with the non-technical activities.

He also recommended to conduct two meetings in a year, one at the beginning of academic year to plan the activities and other at the end of the academic year to review the outcomes, instead of one meeting which is in practice.

He suggested to identify local technical problems by conducting systematic survey in every adopted village and to collaborate with appropriate bodies to resolve them.

He requested the NSS coordinator to conduct "Green Campus Activities" in line with AICTE - Clean and Green Campus Award, AP Urban Greening and Beautification Corporation certification and guidelines of Unnat Bharat Abhayan.

Dr. P Siddaiah suggested the NSS unit to conduct activities related to public health in villages in collaboration with medical college and external organisations.

Sri Ramasamy respected the management and staff for conducting the activities helpful to the society.

At the end, he suggested to plan programs that will make the students industry ready and in addition informed that he will help the college to conduct such an activity whenever required.

Finally, the Coordinator Dr. M. V. S. Raju, thanked all the members for their active participation and valuable suggestions.

Finally it is resolved that

- *providing trainings to supporting staff, both technical and Non-technical, in all departments including Admin. wing, every year was made it mandatory here onwards.*

- *providing Industrial training to their faculty, every year, in all departments was made it mandatory here onwards.*

- *all the heads of departments will have to submit the details of Planning and reports of the above two programs, to IQAC, every year.*

- *all the heads of departments are directed to encourage their students and faculty to publish papers from their projects either in Scopus indexed journals or Scopus supported conferences / WoS.*

  The minimum number of papers to be published in a department in a year = 50% of batches in major project + 25% of batches in mini project cum EPICS of B.Tech program + 80% of students of M.Tech program. Whereas, in MCA and MBA departments, it is equal to 50% of students.

- *similarly, HODs have to encourage their students to develop Innovative models and file patents.*

- *there will be two meetings in a year, one at the beginning of academic year to plan the Extension activities and other at the end of the academic year to review the outcomes, instead of one meeting which is in practice.*

- *NSS wing has to do a systematic survey in every adopted village to identify the local problems and to resolve them.*

- *NSS wing has to put more focus on technical issues besides routine extension activities and Collaborations to change their living standards.*

- *chances of securing awards may be more when meaningful solutions are obtained with collaborations to Technical problems.*

- *the Green campus extension activities are to be conducted in line with AICTE - Clean and Green Campus Award, AP Urban Greening and Beautification Corporation certification and guidelines of Unnat Bharat Abhayan.*

Dr. M. V. S. Raju
IQAC Coordinator

Dr. A. V. Ratna Prasad
Principal & Chairman