

28<sup>th</sup> June 2023

### Minutes of 30<sup>th</sup> IQAC meeting

Minutes of the 30<sup>th</sup> Internal Quality Assurance Cell (IQAC) meeting held on Wednesday, 28<sup>th</sup> June 2023 in V.R.Siddhartha Engineering College at 10.00 AM. Dr. A.V. Ratna Prasad, Chairman, IQAC and Principal, welcomed the external and all internal members of IQAC. He called for the meeting and conducted the proceedings.

#### Members Present:

**Chairman:** Dr. A.V. Ratna Prasad, Principal, V.R. Siddhartha Engg. College.

**Senior Administrative**  
Dr. B.Pandu Rangarao, Dean – Student Affairs, VRSEC  
Dr. Ch.Baby Rani, Associate Professor, HoD-Maths  
Sri M. V. Saibabu, Administrative Officer  
Sri M. Sreeramulu, Librarian, VRSEC

**Teachers:**  
Dr. N. Vijaya Sai, Professor & Head, ME  
Dr. P.V.R.L.Narasimham, Professor & Head, EEE  
Mr. A. Ravi Raja Asst Professor, ECE  
Dr. M.Bala chennaiah, Asst Professor, ME  
Dr. Ch. Anuja Asst Professor, CE  
Sri V Naga Prudhvi Raj, Associate Professor, EIE  
Dr. A. Srisaila Asst Professor, IT  
Dr. D. Rajani, Assistant Professor, Maths  
Mr. R. Rama Krishna, Asst. Prof., MCA  
Mrs V. Madhulatha, Asst.prof., MBA

**Local society-Alumni:** Sri M Lingeswara Rao, former Chairman, IE (I)

**Student:** Mr. K. Kalyan Suhas (208W1A1226), IT

**External Peer Team:** P.Siddhaiah, Professor, Principal, ANU College of Engg.

**IQAC Coordinator:** Dr. M V S Raju, Professor, CE

**Special invitees:**  
Dr. D. Venkata Rao, Professor & Head, ECE  
Dr. Ch.Srinivas, Professor & Head, CE  
Dr. T.Anuradha, Professor & Head (incharge), IT  
Dr. D.Rajeswara Rao Professor & Head, CSE

Dr. G.Anuradha, Associ.Professor, CSE  
Dr. V.Esther Jyothi, Head (incharge), MCA  
Dr. P.Rajasekhar, Professor & Head, MBA  
Dr. B.Neelambaram, Asst. Prof., English  
Dr. D.Sridevi, Asst. Prof., English  
Dr. S.Srinivasa Rao, Professor & Head, Chemistry  
Dr. G.Sridevi, Prof., Physics  
Dr. K.Narendra, Associ.Prof. of Physics & NSS Coordinator

Dr. A.V. Ratna Prasad, Chairman, IQAC and Principal, welcomed all the external and internal members of IQAC. He requested the IQAC Coordinator to proceed the meeting.

Dr M V S Raju, Coordinator IQAC presented the following agenda of 30<sup>th</sup> IQAC meeting, have been discussed and deliberated upon.

(A) Action taken report on the proposals of 29<sup>th</sup> IQAC meeting.

- 1) *Streamlining – EPICS. The Projects should confine to societal problems with innovative solutions and reach targeted users*
- 2) *Executing Industry / Institute (IITs/NITs) collaborative joint venture projects in all the departments.*
- 3) *Refresher Training program on OBE (Focusing on Higher order knowledge levels, defining appropriate COs & setting higher PO attainment targets).*

**1. Streamlining – EPICS. The Projects should confine to societal problems with innovative solutions and reach targeted users.**

Dr. M.V.S. Raju stressed the necessity of effective implementation of EPICS. He directed that EPICS problems must be confine to societal problems but not beneficial to profit organisations. He said that the EPICS is a great opportunity to students for serving the community through their innovations, which play a key role to enhance the Institute branding. He suggested the departments to follow EPICS design process, conduct brainstorming sessions, appoint an EPICS committee for monitoring the progress of the projects and promote the product development.

It is ratified that selected the best EPICS projects should be showcased in competitions held at IITs / NITs / prominent platforms, and published in Scopus supported conferences or journals. Further, one the best EPICS projects will be selected from every department, telecasted in TV channels and duly appreciated every year. He requested all the HoDs to disseminate the information to their faculty and students.

Dr. P. Siddaiah, Principal, ANU College of Engg. enquired the current status of the EPICS project regarding implementation in society. On this, Dr D. Rajeswara Rao, HoD CSE responded that they have implemented some of the projects and also got publications and patents from them. Dr. P. Siddaiah suggested to exhibit the models developed in EPICS on outside platforms to improve the perception of the institute. He also suggested to invite media to cover the best EPICS projects. Dr A V Ratna Prasad, Principal stressed the need of improving the Institute branding by promoting the achievements of students and disseminating them to outside world. He also stressed the need of exhibiting the best EPICS projects at State and National level competitions and suggested to telecast them in regional and National TV channels along with outcomes such as Paper publications and filing of patents.

## **2. Executing Industry / Institute (IITs/NITs) collaborative joint venture projects in all the departments.**

Dr M.V.S.Raju informed about the collaborative projects in CSE, IT & ECE with ISRO, NRSC, EFFOTRONICS and AVANTEL and requested the EEE, EIE, CE & ME departments too to focus seriously on such research projects.

He emphasized the necessity of collaborative joint venture projects in all departments with Institutes of repute to accelerate the research activities. He also made some suggestions to establish collaborations with nearby IITs, NITs and Industries. He listed the initiatives taken by some departments for joint venture projects.

## **3) Refresher Training program on OBE (Focusing on Higher order knowledge levels, defining appropriate COs & setting higher PO attainment targets)**

Dr. M. V. S. Raju informed that a refresher training program on OBE is proposed by NITTTR, Chennai to conduct to update the skills and knowledge to a changed standard and further refinement in OBE practice wrt Knowledge levels and setting higher targets of POs. He also mentioned that IT department came forward to take the charge for organizing the program on OBE in one or two months.

## **(B) Issues discussed in 29<sup>th</sup> IQAC meeting**

1. *Attention on improving Granting of Patents in proportion to publishing.*
2. *Academic Bank of Credits – Implementation*

### **1. Attention on improving Granting of Patents in proportion to publishing.**

While explaining the steps involved in patent granting process, Dr M.V.S.Raju mentioned that there is no weightage for filing of patents in NIRF ranking and Design Patents & Copy rights were not considered in 2023 NIRF Ranking. He emphasized that the ultimate aim of patent filing is Granting & Commercialization.

Dr. M V S Raju presented the statistics of patents filed, published and granted in the past academic years and he highlighted the reason for not granting in proportion to publishing, in his presentation. He also presented the claimants data on not applied for the First Examination Report (FER) after publication along with the list of patents appeared for FER and not attended for hearing.

Dr Raju suggested the patent claimants to undergo all necessary steps from filing to granting, further he requested the HoDs to make a note on the status of patents and make it up to granting, keeping the NIRF ranking and financial involvement of the institute in view. He requested the members for their valuable suggestions.

Dr. P. Siddaiah, Principal, ANU College of Engg. congratulated on 200 patent publications and also suggested to make it upto granting level and ultimately to commercialization.

Dr. A V Ratna Prasad, Principal said that every department has to aim at least two Indian patent-granting within an academic year then aim at commercialisation. He also stressed the need of granting of patents wrt NIRF ranking and other accreditation processes.

## **2. Academic Bank of Credits (ABC) – Implementation**

While explaining the process of Academic Bank of Credits (ABC) from student registration to credit transfer, Dr M.V.S.Raju mentioned that the implementation of Academic Bank of Credits is mandatory requirement as per NEP-2020. He also presented the deadlines given by the Andhra Pradesh State Council of Higher Education to HEIs for the implementation of ABC.

He also suggested to appoint a Nodal Officer, upload an official email ID & Contact number, College ABC ID in the college website, create awareness on ABC to students, Create student IDs and upload certificates.

Dr D. Venkata Rao, ECE HOD asked the use of ABC for students. Dr. M.V.S. Raju explained in detail about the use of ABC for students.

Dr. P. Siddhaiah, Principal enquired about the current NIRF Ranking, Responding to Dr Siddhaiah, Dr. A.V. Ratna Prasad gave the details of NIRF rank and score.

Sri M. Lingeshwar Rao enquired about any research work taking place on low cost housing. In reponse, Dr. Chava Srinivas, HoD, Civil Engg. informed that the department is working on Precast sandwiched panels for thermal insulation & 3D concrete printing. He also informed that the department has purchased 3D concrete printer and will develop a research laboratory.

Dr. A. V. Ratna Prasad, Principal & Dr M.V.S.Raju, IQAC Coordinator thanked all the external and internal members for their participation and constructive involvement.

***Finally it is resolved that***

- *The topics of the EPICS projects should be appropriately selected for the benefit of community and assessed at regular intervals for their progress by an appointed committee in every Engineering department. The selected best EPICS projects have to exhibit on prominent platforms and telecast in regional TV channels.*
- *All departments, CE,ME,EEE & EIE, in particular, are directed to initiate steps towards collaborative joint venture research projects and try to get Rs 20 to 50 lakhs worth of projects per annum.*
- *It is decided to organise a refresher program on OBE and IT department is directed to organise the program in couple of months.*
- *Heads of the departments are directed to seriously monitor each and every step after publication of patents till granting and then commercialization.*
- *It is decided to implement Academic Bank of Credits (ABC) in the Institute, as per the timeline given by the Andhra Pradesh State Council of Higher Education.*



Dr. M. V. S. Raju  
IQAC Coordinator



Dr. A. V. Ratna Prasad  
Principal & Chairman