

28th July, 2021

Minutes of 23rd IQAC meeting

Minutes of the 23rd Internal Quality Assurance Cell (IQAC) meeting held on Wednesday, 28th July, 2021 through online platform in VR Siddhartha Engineering College at 10.00 AM. Dr. A.V. Ratna Prasad, Chairman, IQAC and Principal, VRSEC, called for the meeting and conducted the proceedings.

Members Present:

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| Chairman | Dr. A.V. Ratna Prasad, Principal, V.R. Siddhartha Engineering College |
| Senior | Dr. T. S. Ramaiah Chowdary |
| Administrative | Dr Ch. Baby Rani, Associate Professor, Mathematics |
| Officers | Sri M. V. Saibabu, Administrative Officer Sri V. Vijaya Maruthi Babu, Head, Industrial Relations & Placements 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 Dr. Ch. Anuja, Assistant Professor, CE Sri V Naga Prudhvi Raj, Associate Professor, EIE Mr. R. Ramakrishna, Assistant Professor, MCA Mrs. V. Madhu Latha, Assistant Professor, MBA Dr. D. Rajani, Assistant Professor, Maths |
| Industrialists | Sri S. R. T. Ramasamy, Vice-President, Efftronics Systems Pvt. Ltd |
| Student | Ms. G. Samhitha (188W1A05D6), CSE |
| Alumni | Sri. D Ram Babu, Treasurer, Credai, 3rd Floor, Sri siri Arcade, Vijayawada |
| External Peer Team | Dr. P. Siddhaiah, Dean, ANU College of Engg. & Tech., Guntur |

Dr. L. Krishnanand, Professor, Dept . of ME, NIT, Warangal

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. D. Venkata Rao, Professor & Head, ECE

Dr. G. N. Swamy, Professor & Head, EIE

Dr. M. Suneetha, Professor & Head, IT

Dr V. Narasimha Rao, Professor & Head, MBA

Dr. B D C N Prasad, Professor & Head, MCA

Dr A. Ratnakar, Professor & Head, Chemistry

Dr. G. Sridevi, Associate Professor & Head, Physics

Dr. K. Ramachandra, Professor & Head English

Dr. A.V. Ratna Prasad Principal, VRSEC & Chairman, IQAC welcomed the external and internal members of IQAC and briefed the activities taking up for the overall quality enhancement of the institution.

The following agenda items were discussed and deliberated upon.

Item No. (A) Action taken report on the proposals of 22nd IQAC meeting.

Dr. M V S Raju, IQAC co-ordinator presented the 'action taken report' on the issues proposed in the 22nd IQAC meeting.

1. Five years Strategy Plan (2020-25)

Dr. M V S Raju presented the key indicators proposed in the strategic plan by the end of 2024-25 to meet the requirements of accreditation bodies like NBA, NAAC, and national ranking systems such as NIRF, ATAL Innovation Ranking and other quality certifying agencies and for overall quality enhancement of the institution.

The proposed five years strategic plan was presented with three major components – 1) Graduation Outcomes: Teaching, Learning & Resources, 2) Comprehensive Student Development and 3) Research, Innovation & Professional Practice to achieve the goals.

Item No. (B) Issues for Discussion

1. Road map to execute the proposed Five year (2020-25) strategic plan & yearly bench marks to departments for focusing their attention to achieve the targets.

Dr. M V S Raju, IQAC Co-ordinator presented the road map for achieving the goals of the strategic plan along with the required facilities and support to be provided to the faculty and students from the institute.

In his presentation, he elaborated the annual bench marks, for seven Engineering departments (Civil, Mechanical, Electrical, Electronic & Communication, Computer Science, Information Technology and Instrumentation branches), MBA, MCA, Science and Humanities (Mathematics, Physics, Chemistry and English departments) with reference to the three major components mentioned above. He further added that the bench marks set in the Strategic plan are finalized with the consent of all the Heads of the Departments.

IQAC has set a target of 65% of faculty with PhD qualification in engineering stream, 94% in MCA & MBA and 100% in Science and Humanities, by the end of 2024-25. While, the target in paper publications (SCI & Scopus) is 500 from engineering stream, 60 from MCA & MBA, and 50 plus from Science and humanities.

With reference to the above targets, Dr. L. Krishnakand, Professor, NIT Warangal, appreciated these ambitious goals. At this context, Dr. A.V. Ratna Prasad, Principal said that these goals are easily achievable because of paper publications from B.Tech. and M.Tech. student projects in our institution.

Dr. M. V. S. Raju continued his presentation and highlighted the targets for other parameters such as funded R&D projects, post-doctoral fellowship, patents, innovation & start-ups and consultancy, under R&D component.

Dr. L. Krishnakand stressed the importance of innovations & start-ups in the changing higher educational scenario in the country. He also suggested to consider them in student outcome assessment and give higher priority to encourage both students and faculty. He recommended to get the permission from the university for offering Ph.D courses to strengthen the R&D activities.

Dr. M. V. S. Raju highlighted the support required from the institute to achieve the above set goals. He also added that the institution is already providing the seed money to an extent of Rs. 2 lakhs per head, financial support for in house R&D projects, R&D incentives for faculty, financial support for innovative student projects, etc.

He extended his presentation on the targets of first year pass percentage, placements rate, Enrollment/Success rate for higher education under 'Graduation outcomes' similarly, participation and awards won in technical events, games and sports, cultural, literary, extension & outreach programs (technical) at State/ National level events under 'Comprehensive student development'.

He explained the strategies to achieve these goals with reference to facilities for faculty and student, infrastructure and curriculum.

2. Increase in Hostel accommodation to students

The newly added hostel facility in the campus for both male and female students and the present demand ratios for the hostel accommodation were brought to the notice of honorable members of IQAC by the co-ordinator. According to the statistics, he said hostel facility is available for 90% of the female students and 100% male students within the campus.

Dr. P Siddaiah, Dean, ANU College of Engineering, suggested that since many meritorious students from remote places in Andhra Pradesh will prefer to join in this prestigious institution, hence it is better to increase the hostel accommodation for female students also to 100% as soon as possible.

Finally Dr. M. V. S. Raju requested, on behalf of IQAC, all the Heads of the Departments to make their faculty thoroughly aware of all annual departmental bench marks as well as their individual contribution to reach their targets. He asked the Heads to give top priority in achieving the targets of strategic plan by reviewing them in every quarter.

Dr. A. V. Ratna Prasad, principal clarified the external members about present status of start-ups in the institution, saying that presently 6 start - ups are registered, out of which 2 are active (one is by a student and other is by a faculty). The institution is working on commercialization of those startups by providing infrastructure facilities with financial assistance. Finally he thanked all the members of IQAC

Finally it is resolved that,

It is resolved to work for achieving the bench marks of the following quality parameters of the five years strategic plan involving all the departments of Engineering, MBA, MCA, Science and Humanities, with top priority.

1) Research & Development

1.1 Faculty with PhD qualification

- 1.1.1 Engineering - target by the end of 2024-25: 65%
- 1.1.2 MCA & MBA - target by the end of 2024-25: 94%
- 1.1.3 Science & Humanities - target by the end of 2024-25: 100%

1.2 Research publications in peer reviewed indexed journals

- 1.2.1 Engineering - target by the end of 2024-25: 500 (SCI & Scopus) publications
- 1.2.2 MCA & MBA - target by the end of 2024-25: 60 (SCI & Scopus) publications
- 1.2.3 Science & Humanities - target by the end of 2024-25: 60 (SCI & Scopus) publications

1.3 Funded Research projects

- 1.3.1 Engineering - target by the end of 2024-25: 120 Lakhs per annum
- 1.3.2 MCA, MBA, Science & Humanities - target by the end of 2024-25: 19 lakhs

1.4 Faculty with Post -Doctoral Fellowship:

1.4.1 Science and Engineering - target by the end of 2024-25: 15

1.5 Patents

1.5.1 Engineering - target by the end of 2024-25: Total Granted 28, Commercialized 14

1.5.2 MCA, MBA and Sciences - target by the end of 2024-25: Total Granted 5

1.6 Consultancy

1.6.1 Engineering - target by the end of 2024-25:

Civil Engineering Department Rs. 2.5 Cr per year,

Departments other than Civil Engineering Rs. 5 Lakhs per department per year.

1.7 Innovations and start-ups

1.7.1 Engineering, MCA & MBA - target: One start – up per department per alternative year

Commercialization by the end of 2024-25: One per department

2) Graduation Outcomes: Teaching, Learning & Resources

2.1 Success rate of students to higher semester - target: 75-77% (overall)

(Pass Percentage from I year to II year)

2.2 Placement rate & Package (>5 Lakhs) overall - target: 85%, 300 +

2.3 Enrolment / Success rate in higher education entrance examinations - target: 12%

3) Comprehensive Student Development

3.1 Participation and awards won in technical events at State / National level- target: 350

3.2 Participation and awards won in sports activities / events in University and National level- target: 60

3.3 Participation and awards won in Cultural, literary activities / events at University and National level – target: 35

3.4 Participation in extension & outreach programs (technical) – target: 150



Dr. M. V. S. Raju
IQAC Coordinator



Dr. A. V. Raina Prasad
Principal & Chairman