SIDDHARTHA
ACADEMY OF HIGHER EDUCATION
DEEMED TO BE UNIVERSITY
(Under Section 3 of UGC Act, 1956)
Kanuru, Vijayawada - 520 007, AP. www.vrsiddhartha.ac.in

91 866 2582333
866 2582334
866 2584930

17th May, 2025

Minutes of 3rd (37th) IQAC meeting

Minutes of the 3rd (37th) Internal Quality Assurance Cell (IQAC) meeting held on Wednesday, 17th May, 2025 in Siddhartha Academy of Higher Education, (Deemed to be University), at 10.00 AM. Prof. P.Venkateswara Rao, Chairperson, IQAC and Vice Chancellor, welcomed the external and all internal members of IQAC. He called for the meeting and conducted the proceedings.

Members Present:

Chairperson :	Dr P. Venkateswara Rao, Chairperson, IQAC and Vice Chancellor, Siddhartha Academy of Higher Education, (Deemed to be University)
Management Member:	Sri M.Rajaiah, Vice President, Siddhartha Academy of General & Technical Education
Senior Administrative Officers :	Dr A.V.Ratna Prasad, Pro Vice Chancellor Dr M.Ravichand, Registrar Mr. M Sai Babu Deputy Registrar Dr T.Anuradha, COE Dr D.Venkata Rao, Dean, School of Engineering Dr M.Suneetha, Dean, Research, Technology, Development & IQAC
Teachers :	Dr P.V.R.L.Narsimham, Dean, Examination and Evaluation Dr D.Rajeswara Rao, Dean, Industry Relations Training & Placement Dr N.Ravi Kumar, Professor, HOD, ME Department Dr V.Mallikarjuna, Associate Professor, HOD, CE Department Dr D.Madhulatha, Associate Professor, Mathematics Department Dr K.Raghuveer, Senior Assistant Professor, MBA Department Dr M.Gargi, Assistant Professor, IT Department
Employers/Industrialist / Stakeholders :	Shameer Basha Y, Manager Analog Port, Hyderabad
Local Society, Students and Alumni :	Dr B.Paparao, Sr. Consultant Joint Replacement, Arthroscopy & Sports Specialist Surgeon, Kamineni Hospitals Vijayawada Mr. Basava Mohan Kumar, Asst. CIDO/ERP(transmission corporation of A.P)

1

	B.Udita, 238WIA05K3, II Year CSE
IQAC Coordinator and Co-Coordinators :	Dr G.L.Madhumati, Professor, IQAC Coordinator
	Dr CSS Anupama, Associate Professor, IQAC Co-Coordinator
	Dr Lakshmi Keshav, Associate Professor, IQAC Co-Coordinator
Special invitees :	Dr B.Panduranga Rao, Director- Infrastructure & Consultancy
	Dr. A. Vittaleswar, Dean, Schools of MLSAC
	Dr. B. Raghava Rao, Dean, Academics
	Dr S.Srinivasa Rao, Associate Professor, Chemistry Department
	Dr G.Sridevi, Associate Professor, Physics Department
	Dr. Dr. K Purna Chandra Rao, HOD, MCA Department
	Dr. A Sreeram, HOD MBA Department
	Dr. Ch. Baby Rani, HOD Maths Department
	Dr K. Narendra, Associate Professor, Physics Department
	Dr. Neelambaram B, Assistant Professor English Department
	Dr. G Anuradha, Associate Professor, CSE Department
	Dr P.Durga Prasada Rao, Assistant Professor, EIE Department
	K. Lalitha, Assistant Professor, EEE Department
	Dr M.B.Chennaiah, Assistant Professor, ME Department
	Dr D.Sridevi, Assistant Professor, Department of English
	Dr M.V.D.N.S.Madhavi, Assistant Professor, Department of Mathematics
	P.Raghu, Physical Director, Department of Physical Education

The chairperson commenced the meeting by highlighting the importance of the agenda for institutional advancement and then invited the IQAC Coordinator to proceed. The following agenda items were discussed and deliberated upon.

(A) Action taken report on the proposals of 2nd (36th) IQAC meeting.

The IQAC Coordinator presented the action taken report, summarizing progress on key initiatives

1. Adoption of NAAC accreditation criteria for transitioning from Autonomous Institute to Deemed-to-be University status

To strengthen alignment with NAAC's expectations for Deemed-to-be Universities and to enhance institutional visibility, performance, and compliance, several key initiatives have been implemented:

Action Taken:

- Departments initiated documentation for NAAC-relevant parameters, with a focused approach on research publication and awards (100 marks), extension activities (40 marks)

and the innovation eco system (30 marks) under the "Research, Innovations, and Extension" criterion (250 marks).

- Various departments have initiated proposals for Research Incubation Centers, promoting interdisciplinary research and industry-academia collaboration. Some key initiatives include:
  - ➢ CE Department: Development of Sustainable Building Materials Research Center for Concrete and Earth based Construction
  - ➢ ME Department: Sustainable biodegradable composites
  - ➢ IT Department: GEOAI Hub - A next Gen Infrastructure for AI powered Geospatial intelligence and sustainable Societal Impact
  - ➢ CSE Department: Design and Implementation of Quantum Authentication Tool
  - ➢ ECE Department: Nano-Sensor and COTS-ICs based Intelligent Systems for Sustainable Application
- A one-day workshop was organized on World IPR Day (26.04.2025), featuring Mr. Kiran Pothula (IP&R Section, Chief Minister's Office, Andhra Pradesh), to enhance awareness about innovation and intellectual property rights

Impact:

- 8 R&D projects have been secured across various disciplines, supported by a total grant of ₹2.51 crore from external funding agencies.
- A total of 847 research publications have been published in SCI and Scopus-indexed journals, reflecting the growing quality and impact of faculty research.
- Consultancy activities have generated ₹1.19 crore in revenue, reflecting the practical application of institutional expertise to society.
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2. Enhancing Teaching-Learning Methods in alignment with Pedagogical Innovations of NEP-2020

To transform the learning experience, NEP 2020 principles, such as active learning, inclusivity, interdisciplinary, and technology integration, are to be embedded into teaching practices.

Action Taken:

A five-day Faculty Development Program titled "NEP Implementation in the Teaching-Learning Process" was organized to support the integration of NEP 2020 principles into academic practices.

Renowned academicians conducted expert sessions during the program:

- Prof. Salman Abdul Moiz (University of Hyderabad) spoke on "Inclusivity, Ethics, and Global Perspectives".
- Prof.S.Viswandha Raju (JNTUH) addressed "NEP2020-Transforming Higher Education".
- Prof.P.Malliga (NITTTR, Chennai) presented "Pedagogical Innovations and Technology in Teaching".
- Hands-on training sessions were conducted to familiarize faculty with educational technology tools such as PhET, Quizizz, Padlet, Canva, to enhance active learning strategies.

Impact:

- The program provided faculty with a comprehensive understanding of outcome-based, learner-centric instructional strategies.
- It helped bridge the gap between traditional teaching methods and NEP-aligned pedagogies, empowering departments to update and refine their course delivery plans.
- The IQAC has proposed a comprehensive framework to evaluate both cognitive (Knowledge based) and non-cognitive (Behavioural & Emotional) outcomes among students.

(B) Issues discussed in 3rd (37th) IQAC meeting

1. **Adoption of NEP 2020 aligned curriculum structure across all departments.**
2. **Review of student club activities and evaluate their impact on institutional development and student welfare**
3. **Any other item with permission of chairperson**

1. Adoption of NEP 2020 aligned curriculum structure across all departments

The IQAC Coordinator gave a detailed overview of the implementation of the NEP 2020 Curriculum and Credit Framework for Undergraduate Programmes (CCFUP) across departments. The presentation covered the following key aspects of the NEP-aligned frameworks:

- Introduction of multiple entry/exit options
- Focus on employability-oriented courses, including Ability Enhancement Courses, Multidisciplinary Courses, and Skill-based micro-credentials.

4

- Explanation of credit allocation under the National Higher Education Qualification Framework (NHEQF) for theory, practical and experiential learning.
- Discussion on the Recognition of Prior Learning (RPL) to promote flexibility and inclusivity in awarding academic credits and degrees.

A comparison between SAHE's current B.Tech regulations and NEP 2020 standards revealed:

- Multidisciplinary and minor degree options are in place, but arts integration is limited.
- Entry and exit options are available for the UG program as per NEP 2020 guidelines.
- The Academic Bank of Credits (ABC) is enabled at the institutional level, but not fully integrated at the student level.
- Our undergraduate programs offer honors and minor degrees.
  - ➤ Honors in CE
  - ➤ Honors in CSE
  - ➤ Honors in ECE
  - ➤ Honors in EEE
  - ➤ Honors in EIE
  - ➤ Honors in IT
  - ➤ Honors in ME

  Some notable Minors programs include:
  - ➤   Minors in AI&ML – CSE Department
- The curriculum includes skill-based and industry-relevant courses, but further alignment with National Skill Qualification Framework job roles is required.

2. Review of student club activities and evaluate their impact on institutional development and student welfare

The IQAC coordinator emphasized the important role of student clubs in fostering professional networking, skill development, placement preparation and social responsibility.

A detailed review of student club activities across various departments was presented as follows

- **CSE Department:** CREATIX CLUB (1 activity), GDG (4), Elite Coding Club (17), Elite++ (5), MLSC - VRSEC Chapter (6).
- **ECE Department:** Athisaya Club (7 activities), Avishkar Club (6), Vignatha Club (13).
- **EEE Department:** Robotics Club (2 activities), EV Club (6), Drones Club (7).
- **EIE Department:** Spandana Club (8 activities).

- **IT Department:** CodeChef ITVRSEC (5 activities), AIML Club (4), Think D (3), Samskruthi (8 activities).

- **S & H Department:** Women Empowerment Club (1 activity), Samskruthi Club (1), Echo Club (1), School of Management: VR Marketing Club (1 activity), VR Initiators Club (3), VR Finance Club (1), VRHR Club (1)

- **English Department:** Literary Club (31 activities), Readers' Club (5).

- **Institution's Innovation Council (IIC)** : (2 activities)

It has been observed that most club activities are primarily conducted at the department level. Furthermore, some clubs have reported minimal or no significant activities.

The following members shared valuable suggestions during the meeting

1. **Prof. P. Venkatewara Rao**, Chairperson, IQAC and Vice Chancellor, suggested that departments take necessary steps to align course components with NEP 2020 guidelines, ensuring phased implementation as per institutional timelines.

2. **Sri M. Rajaiah**, Vice President, Siddhartha Academy of General & Technical Education, suggested that faculty encourage students to work on innovative projects that foster social responsibility and create meaningful impact.

3. **Dr. A.V. Ratna Prasad**, Pro Vice Chancellor, recommended strengthening interdepartmental collaboration to promote interdisciplinary research and curriculum development.

4. **Dr. M. Suneetha**, Dean of Research, Technology Development, and IQAC, suggested aligning student club activities with institutional objectives, Sustainable Development Goals (SDGs), and NEP 2020 competencies, and recommended submitting activity reports to the IQAC.

5. **Dr D.Venkata Rao**, Dean, School of Engineering, highlighted the importance of mentoring faculty in pedagogical innovation and instructional design, especially in emerging areas like AI, sustainability, and digital tools

6. **Dr. A. Vittaleswar**, Dean, Schools of MLSAC, suggested enhancing the existing student feedback mechanisms to include the evaluation of the revised curriculum effectiveness and club activities

7. **Shri Shameer Basha Y**, Manager Analog Port, Hyderabad appreciated the ongoing efforts toward NEP 2020 implementation and suggested promoting student-led startups in AI chip development.

8. **Mr. Basava Mohan Kumar**, Asst. CIDO/ERP Transmission Corporation of A.P, recommended showcasing student innovations and key research prominently on the institutional website.

9. **Dr B.Paparao**, Sr. Consultant Joint Replacement, Arthroscopy & Sports Specialist Surgeon, Kamineni Hospitals, recommended incorporating health and wellness awareness modules into student club activities to support holistic student development."

Prof. P.Venkateswara Rao, Chairperson, IQAC and Vice Chancellor, thanked all the external and internal members for their participation and constructive suggestions.

Finally, it is resolved

- To progressively implement NEP 2020 guidelines in SU 24 curriculum across all departments, with a focus on multidisciplinary learning, Value Added Courses, skill enhancement, Internship and Research Projects.

- To improve student engagement and innovation by supporting active student clubs, interdisciplinary projects, and startups that address social and industry needs

- Promote health and wellness awareness among students through guest lectures, medical camps, workshops on stress management and mindfulness, fitness and yoga sessions, health screenings and check-ups, awareness campaigns on mental health, nutrition, and hygiene.

- Promote collaborative medical-engineering research, particularly leveraging 3D printing technologies.

- Showcase institutional innovations on the official website through a dedicated web page.

Dr M.Suneetha 17/5/25

Dean IQAC

DEAN
Research,Technology Development & IQAC
V.R.Siddhartha Engineering College
Deemed to be Univerisity
VIJAYAWADA-520 007

Prof. P.Venkateswara Rao

Chairperson, Vice Chancellor

Vice Chancellor
Siddhartha Academy of Higher Education
(Deemed to be University)
Vijayawada 520 007