11th December 2024

<u>Minutes of 1st IQAC meeting</u>

Minutes of the 1st Internal Quality Assurance Cell (IQAC) meeting held on Wednesday, 11th December 2024 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.

<u>Members Present:</u>

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 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 G.N.Swamy, Dean, Student Affairs and Admissions Dr N.Ravi Kumar, Professor, ME Department Dr V.Mallikarjuna, Associate Professor, 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	:	Shri Chelikani V T E V Prasad Rao, Delivery Head, Niche Technologies, Hyderabad Shameer Basha Y, Manager Analog Port, Hyderabad Dr A.Venugopal Rao, Professor, Department of ME, NITW, Warangal

Local Society, Students and Alumni :	Dr B.Paparao, Sr. Consultant Joint Replacement, Arthroscopy & Sports Specialist Surgeon, Kamineni Hospitals Vijayawada B.Udita, 238W1A05K3, II Year CSE P.Veeranjaneyulu, I Year B.Com G.Naga Harini, I Year MBA
IQAC Coordinator and Co-Coordinators :	Dr E. Laxmi Lydia, 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.Ch.Srinivas, Dean, Planning, Monitoring & Alumni Affairs Dr. A. Vittaleswar, Dean, Schools of MLSAC Dr MVS Raju, Professor, CE Department Dr N.Vijayasai, Professor, ME Department Dr S.Srinivasa Rao, Associate Professor, Chemistry Department Dr G.Sridevi, Associate Professor, Physics Department Dr. V.Esther Jyothi, Associate Professor, MCA Department Dr K.Narendra, Associate Professor, Physics Department

The chairperson commenced the meeting by emphasizing the critical role of the IQAC in driving institutional progress and aligning its activities with both national and institutional priorities. He then requested the IQAC Coordinator to proceed with the meeting.

The following agenda items were discussed and deliberated upon.

(A) Action taken report on the proposals of 34th IQAC meeting.

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

1. Viksit Bharat @ 2047 – Role of Indian Universities

Siddhartha Academy of Higher Education (Deemed to be University) aims to contribute to the Viksit Bharat @ 2047 vision by providing basic amenities, creating growth opportunities, and supporting India's transformation into a global manufacturing hub.

The university fosters skill development, innovation, and entrepreneurship through academic and research initiatives. Its community outreach programs align with national priorities, ensuring inclusive development and socioeconomic progress.

2. Promotion of Inter-departmental / Multi-disciplinary research among Engineering and Non-Engineering departments for addressing societal challenges for comprehensive solutions

Collaborative lab with NFSU has been set up in CSE departments to promote R&D in forensic and allied sciences in the field of Cyber Security domain. Meetings were conducted in all departments to encourage the formation of interdepartmental / Multi-disciplinary research teams. These steps aim to enhance research collaboration and innovation among engineering and non-engineering departments.

(B) Issues discussed in 1st IQAC meeting

1. **Strengthening outreach programs for community development through national schemes**
2. **Advancing industry-institute relation through translational research**

1. Strengthening Outreach Programs for Community Development through National Schemes

Siddhartha Academy of Higher Education (Deemed to be University) aims to play a crucial role in fostering community development through its **outreach programs**. By leveraging technical expertise, resources, and innovative approaches, the university can effectively address societal challenges and empower communities. Aligning the outreach initiatives with national schemes like Swachh Bharat Abhiyan, Unnat Bharat Abhiyan, Digital India, Skill India, and Jal Shakti Abhiyan, can significantly amplify their impact and contribute to achieving sustainable development goals.

To strengthen outreach programs the following is proposed:

1. Collaborate with Local Communities: Engage with community leaders to identify specific needs and design tailor-made solutions.
2. Focus on Sustainable Development: Implement projects in areas such as clean water, renewable energy and waste management.
3. Promote Student Involvement: Encourage students to participate in fieldwork, offering hands-on experience while contributing to society.
4. Monitor and Evaluate Impact: Establish metrics to assess the success of outreach activities, ensuring continuous improvement.

5. NAAC alignment: NAAC evaluates an institution's social responsibility through its outreach programs under Criteria III and VII. To align with this, outreach programs should be strengthened through collaboration with industries, communities, and NGOs, ensuring active participation from a significant number of students.

6. Set specific, measurable and time-bound goals : Each school in the university has been assigned time bound outreach programs, with a sample listed below

Outreach Activity	Implementation Steps	National Scheme Mapping	Target Audience
Create IOT based smart solutions for water management	1.Develop IOT prototypes for monitoring water usage 2.Demonstrate in local communities	Jal Shakti Abhiyan, Digital India	Local farmers, Municipal water management bodies
Organize coding boot camps for high school students in rural areas.	1. Design beginner-friendly coding lessons. 2. Partner with schools for participation	Digital India, Skill India	High school students in rural and underserved areas
Awareness on Energy Conservation Techniques	Educate villagers on simple energy-saving practices such as efficient use of appliances	Unnat Bharat Abhiyan, Energy Efficiency Mission	Rural households and shop owners

7. The following members shared valuable suggestions during the meeting:

Prof. P. Venkatewara Rao, Chairperson, IQAC and Vice Chancellor, suggested aligning institutional activities closely with national schemes to ensure measurable societal impact.

Sri M. Rajaiah, Vice President, Siddhartha Academy of General & Technical Education, emphasized the importance of sustainable partnerships with local communities for long-term development.

Dr. A.V. Ratna Prasad, Pro Vice Chancellor, recommended setting specific benchmarks to track the success of interdisciplinary research initiatives.

Shri Chelikani V T E V Prasad Rao, Delivery Head, Niche Technologies, advised leveraging industry expertise to train students in emerging technologies like AI and IoT.

Shameer Basha Yerragudi, Manager Analog Port, highlighted the need to focus on hands-on technical outreach programs that address real-world problems.

Prof. A. Venugopal, Professor, NITW, suggested planning outreach program involving interdisciplinary participation. He also emphasized the importance of program implementation with clear goals aligned with the institutions vision, mission and the national schemes. Additionally he recommended tapping into government funding to benefit both the institute and the community.

Prof. MVS Raju, Professor, proposed adopting a village and focusing on the detailed execution of the outreach program in that village to enhance the institutions branding.

Dr B.Paparao, Sr. Consultant Joint Replacement, Arthroscopy & Sports Specialist Surgeon, Kamineni Hospitals, suggested implementing outreach programs related to vaccination for youth and healthcare for senior citizens in rural areas in collaboration with Pinnamaneni Siddhartha Medical College, Avutapalli.

Dr. A. Vittaleswar, Dean, Schools of MLSAC suggested creating awareness programs for people living along both sides of Bandar canal.

Dr K.Raghuveer, Senior Assistant Professor, proposed working with DWCRA (Development of Women and Children in Rural Areas) groups, for women empowerment

B.Udita, II Year CSE student suggested to extend ideas from hackathon into villages as an outreach program.

2. Advancing Industry-Institute Relation through Translational Research

Translational research bridges the gap between theoretical research and practical applications, making it a critical tool for strengthening industry-institute relations in higher educational institutions. The following is proposed to Advance Industry-Institute Relations through Translational Research

1. To bridge the gap between academic knowledge and practical applications
2. To foster a strong relationship between industries and academic institutions
3. Transform theoretical discoveries into real-world solutions benefiting both academia and industries
4. Encourage industry-based projects, internships and participation in hackathons student activities
5. Organize industry-institute conclaves, summits and workshops to connect researchers with industry leaders

Through translational research, Siddhartha Academy of Higher Education (Deemed to be University) can effectively align academic research with industrial demands, fostering innovation, economic growth, and societal impact.

The following members shared suggestions during the meeting.

1. **Prof. A. Venugopal** Professor, NITW, suggested to conduct regular workshops on translational research to bridge the gap between academia and industry. Further he suggested to introduce the concept of translational research to students from first year onwards.

2. **Shameer Basha Yerragudi**, Manager Analog Port, emphasized the need for continuous interaction between industry and academia to stay updated on emerging requirements.

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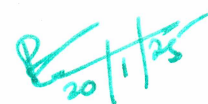
Finally it is resolved

- To encourage students and faculty to participate in community development through outreach programs in alignment with national priorities and NAAC metrics
- To establish metrics to assess the impact of outreach programs and ensure continuous improvement.
- To organize industry-institute conclaves, summits and workshops to connect researchers with industry.
- To encourage faculty to acquire sponsor research and industry based projects

Dr Suneetha Manne 11/12/24

Dean - IQAC

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