



**Adithya
Institute of
Technology**

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
AN INDUSTRY INTEGRATED INSTITUTION
Accredited by NAAC

**ADITHYA INSTITUTE OF TECHNOLOGY, COIMBATORE
INTERNAL QAUALITY ASSUURANCE CELL (IQAC)**

Summary Report for the Year 2023–2024

12.06.2024

Internal Quality Assurance Cell (IQAC) of Adithya Institute of Technology is implementing the recommendations of NAAC to elevate the standards in activities, policies and procedures. IQAC plays a vital role of the upliftment of students and betterment of college towards excellence. Quality enhancement of IQAC and its implementation will help the institution for betterment. The following is the summary of activities done by the year of 2023-24 with the guidance of IQAC.

- Skill Development Training Course on “Part and Assembly Modeling using Solid works” was conducted by Department of Mechanical Engineering and 20 students were benefited from third and final years.
- Skill Development Training Course on “Finite Element Analysis using ANSYS” was conducted by Department of Mechanical Engineering and 22 students were benefited.
- One week Faculty Development Programme was conducted by Department of Mechanical Engineering on “Recent Updates in Manufacturing Technology and Industry 4.0” during 24.07.2023 to 28.07.2023.
- One week Faculty Development Programme was conducted by Department of Mechanical Engineering on “Recent Updates in Automobile Engineering with Electrical Vehicles” during 18.03.2024 to 22.03.2024.
- Two one week Faculty Development Programme was conducted by Department of Civil Engineering on “Soft Computing Techniques in Civil Engineering” and “Environmental



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and Water Resources Modeling and Management” during 05-02-2024 to 10-02-2024 and 11-10-2023 to 15-10-2023 respectively.

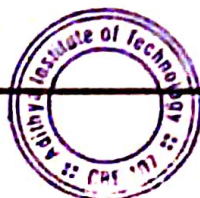
- Two one week Faculty Development Programme was conducted by Department of Electrical Science on “Advances in Communication Technologies: 5G, IoT and Beyond” and “Emerging Design in VLSI design and Embedded systems for Next Generation Applications” during 05-02-2024 to 10-02-2024 and 13-11-2023 to 18-11-2023 respectively.
- Two one week Faculty Development Programme was conducted by Department of Computer Science & Engineering on “Recent trends in Block chain Technologies” and “Recent trends in Cyber Security and Privacy” during 09-10-2023 to 13-10-2023 and 11-03-2024 to 15-03-2024 respectively.
- One week Faculty Development Programme was conducted by Department of Information Technology on “Cloud Infrastructure” during 21-08-2023 to 25-08-2023.
- Two one week Faculty Development Programme was conducted by Department of Science & Humanity on “The Teaching Style Change: Pedagogical Approaches” and “The use of Gamification in Education” during 19-06-2023 to 23-06-2023 and 18-12-2023 to 22-12-2023 respectively.
- One week Faculty Development Programme was conducted by Department of Master of Business Applications on “Technology in Administration: Tools and Trends” during 22-07-2023 to 26-07-2023.
- Skill Development Training Course on “Total Station and GPS Surveying” was conducted by Department of Civil Engineering and 35 students were benefited.
- Skill Development Training Course on “Auto CADD” was conducted by Department of Civil Engineering and 35 students were benefited.
- Skill Development Training Course on “AWS Cloud Practitioner Essentials” was conducted by Department of Computer Science and Engineering and 61 students were benefited.

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- Skill Development Training Course on "Applied Data Science with Python" was conducted by Department of Computer Science and Engineering and 54 students were benefited.
- Skill Development Training Course on "PCB Design & Fabrication" was conducted by Department of Electrical & Electronics Engineering and 43 students were benefited.
- Skill Development Training Course on "PCB Design & Fabrication" was conducted by Department of Electronics & Communication Engineering and 60 students were benefited.
- Skill Development Training Course on "Foundations of CISCO" was conducted by Department of Information Technology and 51 students were benefited.
- Skill Development Training Course on "Programming in C, C++, JAVA" was conducted by Department of Information Technology and 63 students were benefited.
- Skill Development Training Course on "Business Analytics, Microsoft Excel and Power BI" was conducted by Department of Master of Business Applications and 58 students were benefited.
- Skill Development Training Course on "Retail Week'2023" was conducted by Department of Master of Business Applications and 58 students were benefited.
- ICT enabled class rooms are ensure the visual Teaching Learning progress
- WIFI enabled campus ensures the advancement in Learning of additional resources
- Teacher's day was celebrated on 05.09.2023.
- Skill Development Training Course on "Applications of Electronic Systems using IoT" was conducted by Department of Electronics & Communication Engineering and 41 students were benefited.
- Four days "Faculty Enrichment Program with Hands on Training" was conducted in two schedules from 08.01.2024 to 11.01.2024 and from 01.04.2024 to 06.04.2024 through IQAC.
- Our NSS team members participate 9 programs like Yoga, Temple cleaning and Tree plantation, etc.,



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- Industrial visits were conducted by regular intervals and all the students were benefitted related with their relevant industries
- 42 Mechanical Engineering students and 3 faculties went to a filed visit at SUEERAA Alloys on 01.11.2023.
- 35 Civil Engineering students and 2 faculties went to a filed visit the pre-stressed construction work at Adithya Convention center, Coimbatore on 23.02.2024.
- 35 Civil Engineering students and 2 faculties went to a filed visit the precast construction work at Adithya Ladies Hostel, Coimbatore on 13.10.2023.
- 115 Computer Science and Engineering students and 5 faculties went to a filed visit at Spectrum Softtec Solutions Pvt Ltd, Cochin on 20.09.2023.
- Also 56 Computer Science and Engineering students and 5 faculties visits Ascentiq Info Solutions Pvt Ltd, Chennai on 13.02.2024.
- 178 Electrical Science students and 6 faculties went to a filed visit at Banasurasagar Hydro Power Plant at Wayanad, Kerala on 25.03.2024.
- 128 Information Technology students and 4 faculties went to a filed visit at IRIOD Technologies, Cochin, Kerala on 02.12.2023.
- 54 students from Department of Master of Business Applications and 3 faculties went to a filed visit at Salzer Electronics Ltd, Coimbatore on 11.05.2024.
- 58 students from Department of Master of Business Applications and 3 faculties went to a filed visit at Kanyes Technologies India Pvt. Ltd, Mysore, Kamadaka on 20.05.2024.



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