



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY
Aditya Nagar, ADB Road, Surampalem-533437, E.G. Dt., A.P

Internal Quality Assurance Cell (IQAC)

Annual Report **AY 2018-19**

Objectives:

The objectives of IQAC are

- Plan, initiate and follow up quality related activities, including adoption and dissemination of best practices.
- Develop a system for conscious and consistent improvement in the overall performance of institution.

Functions:

- Act as a nodal agency of the Institute for organizing quality related activities, including adoption and dissemination of best practices.
- Initiate and encourage faculty members and students to participate in various curricular, co-curricular activities and development programmes towards career enhancement.
- Assessment and Attainment of Course Outcomes and Programme Outcomes.
- Collect and analyze feedback from all stakeholders on quality-related institutional processes.
- Document the programmes/activities organizing on quality improvement.
- Organize workshops, seminars on quality related themes and promotion towards Development of Quality Culture among stakeholder of the institution.
- Communicate institutional quality standards/parameters among stakeholders.
- Periodical conduct of Academic and Administrative Audit and its follow-up.
- Prepare Annual Quality Assurance Report (AQAR) as per the guidelines of NAAC and timely submission to NAAC.

Quality Initiatives by IQAC

S. No.	Title	Date (s)	Beneficiaries	No. of Participants
1	Short Training Program on NBA Accreditation organized by NITTTR, Kolkata	22-04-2019 to 26-04-2019	Faculty	82
2	Short Time Training Program on Organizational Behaviour organized by NITTTR, Kolkata	12-11-2018 to 16-11-2018	Faculty	75
3	Short Time Training Program on Evaluating Students' Performance Designing Question Papers organized by NITTTR, Kolkata	25-02-2019 to 29-02-2019	Faculty	92
4	Orientation Programme on Value added courses	04-06-2018	Faculty	36
5	Faculty Training Program on Outcome Based Education	19-11-2018 to 21-11-2018	Faculty	87
6	Orientation Program on NIRF	28-11-2018	Faculty	36
7	Sensitization Program on ARIIA	29-01-2019	Faculty	34
8	Orientation Program on Smart India Hackathon	01-08-2018	Students	235

Faculty Development Programs (FDP) initiated by IQAC

S.No.	Title	Department	Date(s)	No. of Participants
1.	Faculty Development Programme on Machine Learning	CSE	22-04-2019 to 27-04-2019	45
2.	Faculty Development Programme on Environmental And Water Resources Modeling And Management	CIVIL	17-12-2018 to 22-12-2018	25
3.	Faculty Development Programme on Research Trends in Signal Processing	ECE	26-11-2018 to 30-11-2018	49
4.	Faculty Development Programme on Power Electronic Converters for Electrical vehicle and Renewable Energy Applications	EEE	12-11-2018 to 17-11-2018	26
5.	Faculty Development Programme on Programming Techniques for Real Time Scenarios	IT	12-11-2018 to 17-11-2018	44
6.	Faculty Development Programme on Improving Analytical and Problem Solving Skills in Programming	MCA	29-10-2018 to 3-11-2018	43
7.	Faculty Development Programme on Emerging Challenges in Finance	MBA	06-08-2018 to 11-08-2018	12
8.	Short Term Training Program on CNC & Robotics programming in manufacturing industries	MECH	02-07-2018 to 07-07-2018	54

Workshops initiated by IOAC

S.No.	Title	Department	Date(s)	No. of Participants
1.	Workshop on Project planning and scheduling using PRIMAVERA P6	CIVIL	10-05-2019 to 11-05-2019	28
2.	Workshop on Power Electronic Converters Simulation Using Matlab/Simulink	EEE	04-02-2019 to 05-02-2019	27
3.	Workshop on New generation wireless technologies	ECE	26-10-2018 to 27-10-2018	50
4.	Workshop on Experimental techniques in welding technology	MECH	22-10-2018 to 23-10-2018	54
5.	Workshop on Datastructures in Real Life	IT	12-10-2018 to 13-10-2018	42
6.	Workshop on Wireless networks & research applications	MCA	07-08-2018 to 08-08-2018	41
7.	Workshop on Emerging Trends in Management Education	MBA	08-06-2018 to 09-06-2018	12
8.	Workshop on Electromagnetics	ECE	01-06-2018 to 02-06-2018	49
9.	Three Days Training Program on Communication and Presentation Skills	Non Teaching	22-10-2018 to 24-10-2018	21
10.	Three Days Training Program on Development of Laboratory Instruction Manual	Non Teaching	02-04-2019 to 04-04-2019	25
11.	Three Days Training Program on Eelctrical Wiring	Non Teaching	08-04-2019 to 10-04-2019	20

Seminars initiated by IOAC

S.No.	Title	Department	Date(s)	No. of Participants
1.	Seminar on Foundation Failures-Need for Ground Assessment	CIVIL	26-03-2019	27
2.	Seminar on Network Security and its Applications	MCA	05-03-2019	41
3.	Seminar on Nano Materials and its Applications	HBS	25-01-2019	10
4.	Seminar on Artificial intelligence in Real world	MCA	22-12-2018	44
5.	Seminar on Multilevel Inverters and Modulation Techniques	EEE	20-12-2018	27
6.	Seminar on Earthquake Resistant Design Of Buildings	CIVIL	13-12-2018	26
7.	A Two Day National Level Seminar on Deep Learning for BioInformatics(SERB Sponsored)	CSE	28-09-2018 to 29-09-2018	42
8.	Seminar on Machine Learning & it's Applications in Electrical Engineering	EEE	11-09-2018	27
9.	Seminar on Emerging technologies in welding technology	MECH	05-09-2018	53
10.	Seminar on Applied Research in Electric Vehicle Technologies	EEE	23-07-2018	25
11.	Guest Lecture on Emerging Technologies in IT Industry:Role of Faculty & Students	IT	08-09-2018	43
12.	Guest Lectures on Research Funding sources	IT	04-07-2018	44
13.	Seminar on Electrical Fires & Preventive Measures	EEE	15-06-2018	27

Summary Report

During this Academic Year 2018-19, the IQAC has initiated several programs towards improving the Quality in the institution. These programs include professional development, workshops, seminars and orientation programs.

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| 1. No. of program on Quality initiatives | – 08 |
| 2. No. of Professional and Faculty Development Programs | – 08 |
| 3. No. of Workshops | – 11 |
| 4. No. of Seminars | – 13 |



IQAC Coordinator



Principal