



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Aditya Nagar, ADB Road, Surampalem-533437, E.G. Dt., A.P

Internal Quality Assurance Cell (IQAC)

Annual Report

AY 2017-18

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	Designing Effective Teaching under Outcome based Education organized by NITTTR, Kolkata	20-11-2017 to 24-11-2017	Faculty	21
2	Workshop on Research in Engineering and Paper writing	11-11-2017	Faculty	81
3	Workshop on Scientific Writing	23-02-2018	Faculty	89
4	Two days Webinar on Awareness program on Plagiarism	06-03-2018 to 07-03-2018	Faculty	98
5	Orientation program on Academic Quality Improvement in Engineering Education	07-09-2017	Faculty	95

Faculty Development Programs (FDP) initiated by IOAC

S.No.	Title	Department	Date(s)	No. of Participants
1.	Faculty Development Programme on Power Electronics and Power Systems using PSIM & CYME	EEE	07-05-2018 to 12-05-2018	26
2.	Faculty Development Programme on Research avenues in transportation engineering	CIVIL	16-04-2018 to 21-04-2018	24
3.	Faculty Development Programme on Waste to Energy	CIVIL	12-03-2018 to 17-03-2018	25
4.	Short Term Training Programme on ICT Based Open Source Technologies(NITTTR)	IT	13-11-2017 to 17-11-2017	21
5.	Faculty Development Programme on Effective class management and the role of communication	MBA	11-09-2017 to 16-09-2017	13
6.	Short Term Training Programme on ICT Based SciLab Programming(NITTTR)	IT	21-08-2017 to 24-08-2017	18
7.	Faculty Development Programme on Statistics with R- Programming	CSE	19-06-2017 to 24-06-2017	50
8.	Faculty Development Programme on Recent Trends in Communication & wireless networks	ECE	12-06-2017 to 17-06-2017	49

Workshops initiated by IOAC

S.No.	Title	Department	Date(s)	No. of Participants
1.	Workshop on Progressive Web development using React JS & Bootstrap4	IT	27-02-2018 to 28-02-2018	49
2.	Workshop on Block chain Technology	CSE	09-02-2018 to 10-02-2018	49
3.	National Level Workshop on Experimental Techniques in Welding technology	MECH	22-12-2017 to 23-12-2017	54
4.	Workshop on Mean Stack	IT	27-11-2017 to 28-11-2017	50
5.	Workshop on Advances in Mechanical Engineering	MECH	02-11-2017 to 03-11-2017	51
6.	Workshop on VLSI Design	ECE	09-10-2017 to 10-10-2017	49
7.	Workshop on Industrial Automation with PLC	EEE	08-09-2017 to 09-09-2017	24
8.	Workshop on Latex	CSE	21-07-2017 to 22-07-2017	49
9.	Workshop on Technology innovations in Banking Sector	MBA	14-07-2017 to 15-07-2017	12
10.	A Three Days Training Programme on Civil Engineering Laboratory	Non Teaching	05-06-2017 to 07-06-2017	10
11.	A Three Days Training Programme on IT Tools for Office Automation	Non Teaching	23-10-2017 to 25-10-2017	25
12.	A Three Days Workshop on Personality Development	Non Teaching	14-05-2017 to 16-05-2017	22

Seminars initiated by IOAC

S.No.	Title	Department	Date(s)	No. of Participants
1.	Seminar on Importance of Artificial intelligence in water resource engineering	CIVIL	28-05-2018	26
2.	Seminar on Emerging trends in Embedded Systems	ECE	21-05-2018	51
3.	Seminar on Environmental Impact Assessment	CIVIL	11-05-2018	25
4.	Seminar on Advances in Signal & Image processing	ECE	30-04-2018	52
5.	Seminar on Advanced Manufacturing Technology	MECH	06-04-2018	54
6.	Seminar on IOT practical applications	MCA	07-03-2018	51
7.	Seminar on Basic Principles and Applications of Metrology	MECH	03-03-2018	56
8.	Seminar on Information Security and Management	MCA	22-01-2018	48
9.	Seminar on Shallow And Deep Foundations	CIVIL	08-12-2017	25
10.	Seminar on Introduction to Matlab & simulink for Electrical system Modelling	EEE	06-12-2017	25
11.	Seminar on Recent advances in concrete & construction	CIVIL	06-11-2017	25
12.	Seminar on Alternative Building Materials & Methods	CIVIL	16-10-2017	26

13.	Seminar on Fundamentals of Analog and Digital Communication System	ECE	03-10-2017	51
14.	Seminar on Advanced computer network and Security	MCA	23-09-2017	47
15.	Seminar on Rivet Structures	CIVIL	08-07-2017	25
16.	Seminar on Financial Education and Planning	MBA	19-06-2017	13
17.	Seminar on Latest technologies and policies of Solar Energy in India	EEE	09-06-2017	25

Summary Report

During this Academic Year 2017-18, the IQAC has initiated several programs towards improving the Quality in the institution. These programs include professional development, workshops, seminars and orientation programs.

1. No. of program on Quality initiatives – 05
2. No. of Professional and Faculty Development Programs – 08
3. No. of Workshops – 12
4. No. of Seminars – 17

IQAC Coordinator

Principal