Counselling Code: AKIT   **Estd: 2007**   **JNTUH College Code: EK**

ABDULKALAM INSTITUTE OF TECHNOLOGICAL SCIENCES

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad,an ISO 9001: 2015,14001:2015 Certified Institution)

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6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the last five years.

Response: 80

Objectives of FDP's

- Quality Initiatives in Technical Education
- Leadership in Higher and Technical Education
- Industry Institute Interaction for Indian Innovation
- Innovation Incubation & Entrepreneurship
- Professional Ethics & Values in Research & Development
- Pedagogy, Accreditation, Research and Entrepreneurship
- Lab Management and Maintenance for Lab Technicians
- Choice Based Credit System, OBC, Curriculum Design
- Intellectual Property Rights (IPR) and Patenting

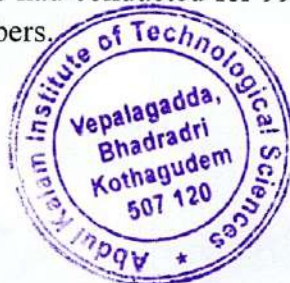The FDP is designed to enhance the skills of the teaching and non-teaching staff. This FDP is aimed at familiarizing the participants about the latest trends and techniques. FDP Programme to cover areas such as technical education policy, new concepts, methods and techniques, theory and skills development in all branches like CIVIL, EEE, MECH, ECE, CSE, AIML, MINING, MBA and M.Tech. Over the last 5 years it has been witnessed that Faculty Development Programs have rapidly evolved and have expanded progressively.

AKITS has conducted the following FDP's:

In 2018-2019, 6 bFDP's had conducted for 109 Teaching faculty and 5 FDP's for 30 non-Teaching faculty members.

In 2019-2020, 6 FDP's had conducted for 79 Teaching faculty and 5 FDP's for 30 non-Teaching faculty members.

In 2020-2021, 6 FDP's had conducted for 99 Teaching faculty and 8 FDP's for 35 non-Teaching faculty members.

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In 2021-2022, 8 FDP's had conducted for 114 Teaching faculty and 5 FDP's for 38 non-Teaching faculty members.

In 2022-2023, 13 FDP's had conducted for 201 Teaching faculty and 6 FDP's for 45non - Teaching faculty members.

Outcomes of FDP

All the sessions were very much informative. The discussed areas are of great benefit in understanding the theoretical concepts and laboratory practices. The program shall become a platform of exchange of scientific and academic ideas and networking. This program shall present before them, for new directions to plain and impart quality technical education at their working place taking use of the knowledge gained in the thrust area.

6.3.4.2. Annual Reports Highlighting the Programs Undertaken by the Teachers

1. Teaching Staff

YEAR	Title of the FDP / MDP / Professional Development / Administrative Training Program	No of Faculty Attended
2018 - 19	Power Electronics ,Energy Storage and Renewable Technology's(27) -EEE	109
	Wireless Sensor Network and Internet Things (20)ECE	
	Advances in Internal Combustion Engine Mech (18)	
	Building INFORMATIION Modeling in Civil Engineering Civil (14)	
	Technical Advancement In Education Management MBA(15)	
	IOT Opportunities and Challenges CSE (15)	

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YEAR	Title of the FDP / MDP / Professional Development / Administrative Training Program	No of Faculty Attended
2019 - 20	Ordinary Differential Equations S&H (22)	79
	Mine Transportation system Mining (4)	
	VLSI Digital Processing (16) ECE	
	Additive Manufacturing Mech (15)	
	Economic Policies and Global Practices MBA(13)	
	Ethical Hacking and Penetration Testing Course Cse(9)	

YEAR	Title of the FDP / MDP / Professional Development / Administrative Training Program	No of Faculty Attended
2020 – 21	A One week Faculty Development on Green Energy and its Applications (24)-EEE	99
	Cyber Security and Digital Forensics (20) ECE	
	Classical Mechanics and Technology Various purposes including Engg Technology S&H (22)	
	Professional Development for Civil Engg Faculty CIVIL(12)	
	Digital Transformation in Business MBA (10)	
	Big data Analysis and Applications CSE (11)	

YEAR	Title of the FDP / MDP / Professional Development / Administrative Training Program	No of Faculty Attended
2021 - 22	A One Week Faculty Development on Data Science and Machine Learning Applications To Modern Power Systems (26)-EEE	114
	Polymer Composites For Engineering Applications S&H(22)	
	Professional Ethics and Engineering Practices Civil (13)	
	Long Wall Advancing Methods Mining (8)	
	Boar and Pillar Method Mining (8)	
	Model Learning Management system MBA(9)	
	Advancement in Cloud Computing Technology CSE(12)	
	Artificial Intelligence using Python (16) ECE	

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YEAR	Title of the FDP / MDP / Professional Development / Administrative Training Program	No of Faculty Attended
2022 - 23	A One week Faculty Development on Economic Operation and Control of Power Systems (23)-EEE	201
	Electrical Vehicle Technology (25)-EEE	
	Deep Learning Net work and its Applications (11)ECE	
	Nano Technology for Engineering Applications S&H(22)	
	Art & Literature (A&L) S&H (22)	
	Recent Trends and Research Scope in Civil Engineering CIVIL (11)	
	Roof Supporting System Mining (11)	
	Data Science And MCHINE Learning Applications to Modern power systems EEE (18)	
	Industry –Academia Collaboration in Civil Engineering Education Civil (12)	
	Alternate Fuels MECH (9)	
	Advances' in Mechanical Engineering MECH (9)	
	Emerging Trends in Global Strategies MBA (12)	
	Emerging Trends in Machine Learning and AI CSE (13)	
	Innovation Entrepreneurship MBA(12)	

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2. Non-Teaching Staff

YEAR	Title of the FDP / MDP / Professional Development / Administrative Training Program	No of Faculty Attended
2018 - 19	POWER ELECTRONICS LAB	30
	MECHANICS OF SOLIDS	
	CONTROL SYSTEMS LAB	
	DIGITAL COMMUNICATION LAB	
	PYTHON PROGRAMMING	
	ENGLISH LANGUAGE AND COMMUNICATION SKILLS	
	SURVEYING LAB	

YEAR	Title of the FDP / MDP / Professional Development / Administrative Training Program	No of Faculty Attended
2019 - 20	AUTO CAD LAB	30
	MICRO PROCESSOR AND MICRO CONTROLLER LAB	
	PRIVACY AND SECURITY IN ONLINE SOCIAL MEDIA	
	ENGINEERING CHEMISTRY	
	ELECTRICAL MEASUREMENTS LAB	
	AUTOCAD LAB	
	FLUID MECHANICS	

YEAR	Title of the FDP / MDP / Professional Development / Administrative Training Program	No of Faculty Attended
2020 – 21	ELECTRICAL WORK SHOP LABORATORY	35
	FLUID MECHANICS	
	E-CAD / VLSI LAB	
	FOUNDATION OF DATA SCIENCE AND ITS APPLICATIONS	
	DIGITAL SIGNAL PROCESSING LAB	
	ADVANCED COMMUNICATION SKILLS	
	ROCK MECHANICS	
	MINARAL PROCESSING	

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YEAR	Title of the FDP / MDP / Professional Development / Administrative Training Program	No of Faculty Attended
2021 - 22	A one week FDP on Thermal Engg Lab	38
	POWER SYSTEM LABORATORY	
	INTRODUCTION TO INTERNET OF THINGS	
	ENGINEERING PHYSICS	
	WATER HARVESTING	
	MICRO PROCESSER AND MICRO CONTROLLERS	
	MINE ENVIRONMENTAL ENGINEERING	
	SOCIALLY USEFUL PRODUCTIVE WORK	

YEAR	Title of the FDP / MDP / Professional Development / Administrative Training Program	No of Faculty Attended
2022 - 23	Fluid mechanics and Hydralic Machinery Lab	45
	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LAB	
	MICRO WAVE AND OPTICAL FIBER COMMUNICATION LAB	
	DEEP LEARNING AND IT'S APPLICATION	
	APPLIED PHYSICS	
	STATISTICAL DATA ANALYSIS LAB	
	MINE SURVEYING LAB	
	EFFECTIVE TEAM BUILDING	

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6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non-teaching staff year-wise during the last five years.

RESPONSE: 96

Academic years	2018-19	2019-20	2020-21	2021-22	2022-23
Participation	30	30	35	38	45

File Description	Document
Details of professional development / Administrative training programs organized by the Institution for teaching and non-teaching staff	View Document
Any additional information	View Document

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6.3.3. Percentage of Teaching and Non Teaching Staff participating in Faculty Development Programmes (FDP) , Management Development Programme (MDPS) Professional Development /administrative Training programs during the last five years .

Overall Response: 80 (Teaching and Non Teaching)

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