SREE CHAITANYA COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi, Affiliated to JNTUH, Telangana, INDIA-505527)

SREE CHAITANYA
EDUCATIONAL INSTITUTIONS

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6.3.3 Annual reports highlighting the programmers undertaken by the teachers.

Faculty Development Program is aiming for India's higher education system in attaining sustainable development and achieving higher growth rates which could be enabled through creation, transmission, and dissemination of knowledge. The importance of Faculty Development Programs (FDP) has been attached to better responsiveness to advance situations and criticalities of the subject. FDP's have proven to be successful to teaching skills in higher education by making the learning methodology more acceptable, easy to comprehend, contemporary yet rigorous in evaluation procedures. This is where we see that faculty members need to be prepared enough by some sort of a faculty development program (FDP) in order to deal with the rapid changes and shifting paradigms in technical education.

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, OBE, 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 likeCIVIL, EEE, MECH, ECE, CSE, CSD, MCA and MBA. Over the last few years, it has been witnessed that faculty development programs have rapidly evolved and have expanded progressively

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Sree Chaitanya college of Engineering conducted the following FDP'S:

In 2018-2019,6 FDP's had conducted for 100 teaching faculty and 1FDPfor 20non-teaching faculty members

In 2019-2020,6FDP's had conducted for 101 teaching faculty and 1FDP for 22 non-teaching faculty members

In 2020-2021,5FDP's had conducted for 64 teaching faculty and 1 FDP for 18 non-teaching faculty members

In 2021-2022, 7FDP's had conducted for117 teaching faculty and 1FDP for 19 non-teaching faculty members

In 2022-2023,7FDP's had conducted for 100 teaching faculty and 1 FDP for 25 non-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 new directions to plan and impart quality technical education at their working place taking use of the knowledge gained in the thrust area.

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6.3.3 Annual Report Highlighting the programs under taken by the teachers

1. Teaching Staff

YEAR	Title of the FDP/MDP/Professional development/administrative training program	No of Faculty Attended
2018-2019	FDP ON THE ADVANCED CONCRETE TECHNOLOGY	100
	RECENT TRENDS IN SMART GRID TECHNOLOGY	
	REEN MANUFACTURING	
	APPLICATIONS OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	
	RESEARCH METHODOLOGY	
	MACHINE LEARNING	

YEAR	Title of the FDP/MDP/Professional development/administrative training program	No of Faculty Attended
2019-2020	ONLINE FDP ON RETROFITTING AND REHABILITATION OF STRUCTURES	101
	APPLICATIONS OF POWER ELECTRONICS IN RENEWABLE ENERGY SYSTEMS	
	CNC PROGRAMMING	
	INTERNET OF THINGS	
	ENTREPRENEURSHIP DEVELOPMENT	
	ETHICAL HACKING	

YEAR	Title of the FDP/MDP/Professional development/administrative training program	No of Faculty Attended
2020-2021	ROLE OF CEMENT AND SUPPLEMENTARY CEMENTITIOUS MATERIAL (SCM),	64
	IN PRODUCTION OF ENVIRONMENT-FRIENDLY CONCRETE: WAY FORWARD	
	TOWARDS SUSTAINABILITY	
	METALLURGY FOR MECHANICAL ENGINEERING	
	AUTOMATION USING PLC	
	CLOUD COMPUTING TECHNOLOGIES	
	DEEP LEARNING WITH PYTHON	

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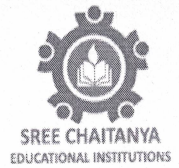Office No: 9502355638, 08782223110, www.scce.ac.in e-mail-scce.principal@gmail.com

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YEAR	Title of the FDP/MDP/Professional development/administrative training program	No of Faculty Attended
2021-2022	FDP ON SUSTAINABLE GROUND WATER MANAGEMENT TECHNIQUES	117
	RECENT TRENDS IN RENEWABLE ENERGY	
	EMERGINING TRENDS IN THERMAL ENGINEERING	
	WIRELESS COMMUNICATION (CAREER BUILDING COURSE)	
	5ANGULARJS	
	FUNDAMENTALS AND PRACTICAL APPLICATIONS OF DATA STRUCTURES	
	DATA ANALYTICS	

YEAR	Title of the FDP/MDP/Professional development/administrative training program	No of Faculty Attended
2022-23	FDP-STRUCTURAL ANALYSIS AND DESIGN USING CYPECAD	100
	ELECTRIC VEHICLES TECHNOLOGIES AND CHALLENGES	
	COMPUTATIONAL RESEARCH TECHNIQUES USING MATLAB	
	HOME AUTOMATION USING INTERNET OF THINGS (IOT)	
	PYTHON PROGRAMMING AND ITS USE CASES	
	AN INTERACTIVE FDP ON MASTERING DATABASE MANAGEMENT SKILLS	
	BUSINESS PLANNING & PROJECT MANAGEMENT	
	FDP-STRUCTURAL ANALYSIS AND DESIGN USING CYPECAD	

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2. Non-Teaching Staff

YEAR	Title of the FDP/MDP/Professional development/administrative training program	No of Faculty Attended
2018-2019	VIRTUAL LABS	20

YEAR	Title of the FDP/MDP/Professional development/administrative training program	No of Faculty Attended
2019-2020	EMERGING TECHNOLOGIES IN RENEWABLE ENERGY	22

YEAR	Title of the FDP/MDP/Professional development/administrative training program	No of Faculty Attended
2020-2021	EMPOWERING IN MS WORD AND POWER POINT	18

YEAR	Title of the FDP/MDP/Professional development/administrative training program	No of Faculty Attended
2021-2022	MASTERING MACROS: ADVANCED MS- EXCEL TECHNIQUES	19

YEAR	Title of the FDP/MDP/Professional development/administrative training program	No of Faculty Attended
2022-2023	ELECTRICAL WIRING AND INSTALLATION	25

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