



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

363, Arcot Road, Kodambakkam, Chennai – 24
Approved by AICTE & Affiliated to Anna University
email Id: principal@msec.edu.in
Website : www.msec.edu.in

ANNUAL REPORT OF FDP/COURSES/WORKSHOP ATTENDED

2016-2017

SR NO	NAME OF FDP/COURSES/WORKSHOP	DEPARTMENT
1.	Multidisciplinary Programme On Transportation Engineering	CIVIL ENGINEERING
2.	Water Resources And Irrigation Engineering	CIVIL ENGINEERING
3.	Network and Information Security	INFORMATION TECHNOLOGY
4.	Refrigeration and Air Conditioning	MECHANICAL ENGINEERING
5.	Finite Element Analysis	MECHANICAL ENGINEERING
6.	Thermal Engineering	MECHANICAL ENGINEERING

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2017-2018

SR NO	NAME OF FDP/COURSES/WORKSHOP	DEPARTMENT
1.	Data Ware Housing and Data Mining-MIT ,Annauniv	COMPUTER SCIENCE ENGINEERING
2.	Compiler Design	COMPUTER SCIENCE ENGINEERING
3.	Circuit Theory	ELECTRICAL AND ELCTRONICS ENGINEERING
4.	Advances in Refrigeration and Air Conditioning	MECHANICAL ENGINEERING
5.	Kinematics of Machinery	MECHANICAL ENGINEERING
6.	Unconventional Machining Process	MECHANICAL ENGINEERING

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2018-2019

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1.	Ecosystem based services for coastal areas, National Center For Coastal Research	CIVIL ENGINEERING
2.	Information theory & Coding	ELECTRONICS AND COMMUNICATION ENGINEERING
3.	Antennas	ELECTRONICS AND COMMUNICATION ENGINEERING
4.	Electrical Machines II	ELECTRICAL AND ELCTRONICS ENGINEERING

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2019-2020

SR NO	NAME OF FDP/COURSES/WORKSHOP	DEPARTMENT
1.	online workshop on Universal Human Values	ALL DEPARTMENT
2.	Indo-China Research Webinar Series in Civil and Environmental Engineering	CIVIL ENGINEERING
4.	Climate Change, Disaster and Pandemic Management: Technological Interventions for Sustainable Development	CIVIL ENGINEERING
5.	Indian Seismic Codes IS 1893 : 2016 & IS 13920 : 2016	CIVIL ENGINEERING
6.	Digitals tools for teaching	ALL DEPARTMENT
7.	INSIGHTS INTO QUALITY RESEARCH AND INNOVATION	ALL DEPARTMENT
8.	Faculty Development Programme on QCAD	CIVIL ENGINEERING
9.	Faculty Development Programme on Insights into Quality Research and Innovation	CIVIL ENGINEERING
10.	Faculty Development Programme on Outcome Based Curriculum	CIVIL ENGINEERING
11.	Civil Engineering Research – A Step Forward	CIVIL ENGINEERING
12.	Linux Applications in Engineering Education (NITTTR Chandigarh- online)	COMPUTER SCIENCE ENGINEERING
13.	Open Source Cyber Security tools (NITTTR Chandigarh- online)	COMPUTER SCIENCE ENGINEERING
14.	Theory of Computation	COMPUTER SCIENCE ENGINEERING
15.	Deep Neural Network and Expert System	COMPUTER SCIENCE ENGINEERING
16.	Python Web Application Framework using Flask and Django	COMPUTER SCIENCE ENGINEERING
17.	ICT tools for Effective Teaching and Learning	COMPUTER SCIENCE ENGINEERING
18.	Walk through in Python for Machine Learning	COMPUTER SCIENCE ENGINEERING
19.	PHP and MySQL	COMPUTER SCIENCE ENGINEERING

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20.	FDP on Blockchain Technology	COMPUTER SCIENCE ENGINEERING
21.	FDP on Deep learning and its applications	COMPUTER SCIENCE ENGINEERING
22.	Online FDP on Machine learning and Deep learning applications in Engineering and Science	COMPUTER SCIENCE ENGINEERING
23.	A National level Online FDP on Embedded and IoT Bootcamp	COMPUTER SCIENCE ENGINEERING
24.	Hands on FDP:"Data science using python"	COMPUTER SCIENCE ENGINEERING
25.	Introduction to coding theory	ELECTRONICS AND COMMUNICATION ENGINEERING
26.	Digital Image Processing	ELECTRONICS AND COMMUNICATION ENGINEERING
27.	Microwave Theory & Techniques	ELECTRONICS AND COMMUNICATION ENGINEERING
28.	8051 Microcontroller and its applications	ELECTRICAL AND ELCTRONICS ENGINEERING
29.	Control System	ELECTRICAL AND ELCTRONICS ENGINEERING
30.	Data Science and Big data Analytics	INFORMATION TECHNOLOGY
31.	Mobile Computing	INFORMATION TECHNOLOGY
32.	PHP and MySQL	INFORMATION TECHNOLOGY
33.	Advanced Stimulation tool for Electronic Engineeris	INFORMATION TECHNOLOGY
34.	Computer Aided Design and Manufacturing	MECHANICAL ENGINEERING

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2020-2021

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1.	Instructional Model for Outcome Based Education	ALL DEPARTMENT
2.	Online workshop on human values	ALL DEPARTMENT
4.	Improving Excellence In Teaching	CIVIL ENGINEERING
5.	Inculcating Universal Human Values in Technical Education	ALL DEPARTMENT
6.	Remote sensing applications and current trends in machine learning	CIVIL ENGINEERING
7.	Research Trends in Civil Engineering	CIVIL ENGINEERING
8.	Disaster Management and Mitigation (Phase - 1)	CIVIL ENGINEERING
9.	Waste Management & its Impact on the Environment	CIVIL ENGINEERING
10.	Short Term Training Program (Phase -I) entitled "Utilisation of E-Waste in Construction Industry"	CIVIL ENGINEERING
11.	Research Trends in Civil Engineering	CIVIL ENGINEERING
12.	Short Term Training Program (Phase -I) entitled "Utilisation of E-Waste in Construction Industry"	CIVIL ENGINEERING
13.	Data Science in Real Time Applications	COMPUTER SCIENCE ENGINEERING
14.	Block chain (ATAL)	COMPUTER SCIENCE ENGINEERING
15.	FDP on PHP and MySQL	COMPUTER SCIENCE ENGINEERING
16.	Online FDP on Data Science and Learning Techniques	COMPUTER SCIENCE ENGINEERING
17.	AICTE sponsored STTP on Cognitive Inspired Computing for Machine Intelligence (Online)	COMPUTER SCIENCE ENGINEERING
18.	Cyber Security	COMPUTER SCIENCE ENGINEERING
19.	Pedogogy towards Outcome Based Education	COMPUTER SCIENCE ENGINEERING
20.	Computer Science and Biology	COMPUTER SCIENCE ENGINEERING
21.	Recent Trends in Artificial Intelligence and Soft Computing- IV	COMPUTER SCIENCE ENGINEERING
22.	Leadership and Excellence	COMPUTER SCIENCE ENGINEERING
23.	Recent Computing Technologies	COMPUTER SCIENCE ENGINEERING
24.	DAA, COmpiler Design , AI and its applications	COMPUTER SCIENCE ENGINEERING
25.	Trends and challenges in Machine Learning and Deep Learning	COMPUTER SCIENCE ENGINEERING

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26.	Quality Assurance through NAAC Accreditation Process	COMPUTER SCIENCE ENGINEERING
27.	DESIGN AND ANALYSIS OF ALGORITHMS, COMPILER DESIGN, ARTIFICIAL INTELLIGENCE AND ITS APPLICATIONS	COMPUTER SCIENCE ENGINEERING
28.	Wearable Devices	COMPUTER SCIENCE ENGINEERING
29.	DevOps & AWS	COMPUTER SCIENCE ENGINEERING
30.	FDP on PYTHON 3.4.3 and PYTHON DJANGO	COMPUTER SCIENCE ENGINEERING
31.	Advanced Trends in Biomedical Research using deep learning techniques	COMPUTER SCIENCE ENGINEERING
32.	Cognitive Inspired Computing for Machine Intelligence-Phase II	COMPUTER SCIENCE ENGINEERING
33.	Programming using MATLAB	ELECTRONICS AND COMMUNICATION ENGINEERING
34.	Advances in 5G-Wireless Communication with Hands on Experience	ELECTRONICS AND COMMUNICATION ENGINEERING
35.	Programming using MATLAB	ELECTRONICS AND COMMUNICATION ENGINEERING
36.	Wearable Devices	ELECTRONICS AND COMMUNICATION ENGINEERING
37.	Digital Tools for Teaching	ALL DEPARTMENT
38.	<u>EC 8351-Electronics circuits-I</u>	ELECTRONICS AND COMMUNICATION ENGINEERING
39.	Low Power VLSI Design	ELECTRONICS AND COMMUNICATION ENGINEERING
40.	8051 Microcontroller and its Applications	ELECTRONICS AND COMMUNICATION ENGINEERING
41.	Technological Interventions using Wireless Communication	ELECTRONICS AND COMMUNICATION ENGINEERING
42.	Feature Analysis using AI/ML	ELECTRONICS AND COMMUNICATION ENGINEERING
43.	Internet of things and applications in 5G	ELECTRONICS AND COMMUNICATION ENGINEERING
44.	SIX-DAY WEBINAR SERIES ON "BATTERY MANAGEMENT SYSTEM FOR ELECTRIC VEHICLE"	ELECTRICAL AND ELECTRONICS ENGINEERING

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45.	ONLINE SHROT TERM TRAINING PROGRAM ON "MATLAB BASED TEACHING-LEARNING IN MATHEMATICS,SCIENCE & ENGINEERING"	ELECTRICAL AND ELECTRONICS ENGINEERING
46.	ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON ENGINEERING AND MANAGEMENT TEACHING PEDAGOGY - AN INDUSTRY PERSPECTIVE	ELECTRICAL AND ELECTRONICS ENGINEERING
47.	5 DAYS FDP ON MODELING,TECHNOLOGIES AND CONTROL ON ELECTRIC VEHICLE	ELECTRICAL AND ELECTRONICS ENGINEERING
48.	ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME ON DIGITAL TOOLS FOR TEACHING	ALL DEPARTMENT
49.	5-DAYS ONLINE FACULTY DEVELOPMENT PROGRAMME ON " RECENT CHALLENGES IN POWER SYSTEMS"	ELECTRICAL AND ELECTRONICS ENGINEERING
50.	Six days AICTE ISTE sponsored online Induction - Refresher Programme on strategies in teaching learning	ELECTRICAL AND ELECTRONICS ENGINEERING
51.	High Performance Intelligent Real time embedded system Design and Internet of Things to accelerate automation system into autonomous system	INFORMATION TECHNOLOGY
52.	Cognitive Computing	INFORMATION TECHNOLOGY
53.	Block chain and Artificial Intelligence	INFORMATION TECHNOLOGY
54.	Recent Trends in cloud computing	INFORMATION TECHNOLOGY
55.	Artificial Intelligence and Ambient Intelligence	INFORMATION TECHNOLOGY
56.	NPTEL-Transition to online facilitation	INFORMATION TECHNOLOGY
57.	Computer Aided Design and Manufacturing (CAD-CAM)	MECHANICAL ENGINEERING
58.	MODELLING AND SIMULATION USING MATLAB	MECHANICAL ENGINEERING
59.	FINITE ELEMENT ANALYSIS USING ANSYS	MECHANICAL ENGINEERING
60.	NANO MATERIALS AND SCIENCE	MECHANICAL ENGINEERING
61.	WASTE MANAGEMENT	MECHANICAL ENGINEERING
62.	TESTING OF MATERIALS FOR ENGINEERING APPLICATIONS	MECHANICAL ENGINEERING
63.	Enduring Trends in Hydraulic control systems: past, present and future	MECHANICAL ENGINEERING
64.	Python for Data science	MECHANICAL ENGINEERING

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