

MOTHER THERESA INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi :: Affiliated to JNTUA, Anantapuramu
An ISO 9001 – 2015 Certified Institution

Melumoi Post, Palamaner, Chittoor(Dist.). AP, India-517408



INTERNAL QUALITY ASSURANCE CELL

ANNUAL ACTION TAKEN REPORT

ACADEMIC YEAR: 2020-21

- Teachers involved in following activities:

setting of Question Papers, Development of Curriculum Add on Program & Assessment/Evaluation

Dept	CE	EEE	ME	ECE	CSE	H&S
No. of staff participated	10	14	16	21	19	06

- Choice Based Credit System / Elective courses introduced during the academic year

Dept	CE	EEE	ME	ECE	CSE
No. of Courses	05	05	05	05	05

- Add on programmes conducted during the Academic year

Dept	ECE	CSE	EEE	MECH	CE	H&S
No. of the programme	03	03	03	02	02	01
No. of students enrolled	368	356	175	76	83	354

- Add on programmes conducted during the Academic year

Title of the programme	Dept	Date(s)	Duration (Hr)	No. of students enrolled
PRIMAVERA	CE	17.02.2021to 22.02.2021	30	33
REVIT SOFTWARE	CE	17.02.2021to 22.02.2021	30	50
PROGRAMABLE LOGIC CONTROLLER	EEE	20.06.2020 to 25.06.2020	30	58
INTERNET OF THINGS(IOT)	EEE	21.06.2020 to 26.06.2020	30	62
MATLAB	EEE	18.12.2020 to 23.12.2020	30	55
COMPUTER NUMERICAL CONTROL PROGRAMMING	ME	01.04.2021 to 06.04.2021	30	33
HYPERMESH	ME	01.04.2021 to 06.04.2021	30	43
MATLAB PROGRAMMING	ECE	10.10.2020 to 15.10.2020	30	123
VLSI DESIGN AND SIMULATION	ECE	16.11.2020 to 21.11.2020	30	125
CELLULAR AND MOBILE COMMUNICATION	ECE	18.01.2021 to 23.01.2021	30	120
UNIX PROGRAMMING	CSE	18.12.2020 to 23.12.2020	30	124
PYTHON PROGRAMMING	CSE	21.06.2020 to 26.06.2020	30	120
DATA SCIENCE AND BIG DATA ANALYTICS	CSE	20.06.2020 to 25.06.2020	30	112
APPLICATIONS OF DIFFERENTIATION AND INTEGRATION	H&S	07.05.2021 TO 12.05.2021	30	354

- Total number of students admitted for the academic year 2020-21

Dept	CE	EEE	ME	ECE	CSE	Total
No. of Students sanctioned	60	60	60	120	120	420
No. of Students admitted	39	43	34	113	120	349

- Pass percentage of final year students

Dept	CE	EEE	ME	ECE	CSE	Total
No. of Students appeared in the final year examination	44	55	59	123	110	391
No. of Students passed in the final year examination	38	52	55	119	107	371
Pass percentage	86.36	94.54	93.22	96.74	97.27	94.88

- Grants received from Government and non-governmental agencies for research projects

Dept	Title of the project	Sponsored Agency	Amount	Grant in Aid Number
CSE	STUDENT CLUB (DIGITAL GOATS)	AICTE (SPICE)	1,00,000/-	10-143/AICTE/IDC/SPICES /20-21
CSE	THE NEXT REVOLUTION OF DATA SCIENCE IN TRANSFORMING AGRICULTURE INDUSTRY	AICTE (STTP)	2,80,000/-	24-65/2014/FDC/STTP /Policy-1/19-20

- Details of internships participated by the students

Name of the company	From	To	No. of students participated
GRACE SOFTSOLUTIONS CHENNAI	01-03-2021	30-04-2021	21
LUMSENSE TECHNOLOGIES CHENNAI	08-02-2021	30-03-2021	18

- Details of field trips participated by the students

Name of the company	From	To	No. of students participated
SATISH DHAWAN SPACE CENTRE SHAR	17.08.2018	17.08.2018	92
RAYA RENEWABLE ENERGY SOLUTIONS	12.02.2018	12.02.2018	57
PAVAN EMPOWER SOLUTIONS	20.08.2018	20.08.2018	54

- Extension and outreach programmes organized

Title the activity	Number of students participated
EACH ONE....PLANT ONE PROGRAM	193
AWARENESS ON DIGITAL PAYMENTS & CASH LESS TRANSACTION	93
GRAMSABHA IN KEELAPATLA	79
VILLAGE HOUSE HOLD SURVEY IN MELUMOI	144
FREE MEDICAL CAMP	93

- List of Papers Published by the staff in journals

Name of the Staff	Dept	Title of the paper	Name of the Journal	National / International
DR. R.T SARATH BABU	ME	INVESTIGATION ON DIESEL ENGINE FUELLED BY MAHUA BIODIESEL	IT IN INDUSTRY	International
DR. C.S. DWARAKA VISWANATH	H&S	PHOTOLUMINESCENCE, NONLINEAR OPTICAL AND GAMMA RADIATION SHIELDING PROPERTIES OF HIGH CONCENTRATION OF EU2O3 DOPED HEAVY METAL BORATE GLASSES	ELSEIVER	International
HAREESH SITA	EEE	A COMPARATIVE STUDY ON CASCADED MULTILEVEL INVERTER AND MODUAR MULTILEVEL INVERTER WITH REDUCED SWITCHES	JOURNAL OF XI'AN UNVIRSIY OF ARCHITECTURE & TECHNOLOGY	International

- **Industry under MoUs during the academic year**

Name of the Company	Date of establishment	Valid period (Years)
EDFIY TECHNO SOLUTIONS	08/07/2019	5
EKALAVYA INNOVATIVE SOULTIONS	19/09/2019	5
JEMI CLUSTER	12/03/2020	5

- **Details of workshops/Seminars participated by the students**

Name Of The Workshop/ Seminar	Number Of Participants	From	To
CHALLENGES IN MECHANICAL ENGINEERING: MACHINING PERSPECTIVE	51	22-06-2020	27-06-2020
AUGMENTED REALITY AND VIRTUAL REALITY	129	06-07-2020	11-07-2020
PLAXIS 3D SOFTWARE	51	14-09-2020	19-09-2020
MACHINE LEARNING	125	08-10-2020	13-10-2020
INTRODUCTION TO WIN-FIG	50	09-11-2020	13-11-2020
PRINCIPLES AND SYNTHESIS OF GREEN CHEMISTRY	97	08-01-2021	08-01-2021
MICROSTATION SOFTWARE	51	08-02-2021	13-02-2021
ADDITIVE MANUFACTURING	53	08-02-2021	13-02-2021
BIG DATA USING HADOOP	143	22-02-2021	27-02-2021
POWER SYSTEM SCINARIAO	49	02-03-2021	06-03-2021
WAVELET VIDEO PROCESSING TECHNOLOGY	128	08-03-2021	13-03-2021
APPLICATIONS OF RARE-EARTH MATERIALS	158	20-12-2021	24-12-2021
AI FOR SPEECH RECOGNITION	170	10-05-2021	10-05-2021
AUTOCAD IN VIEW OF ENGINEERING GRAPHICS	44	04-05-2021	04-05-2021
ADVANCED TESTING TOOLS	161	05-05-2021	05-05-2021
5G WIRELESS TECHNOLOGY	142	10-06-2020	10-06-2020
ENVIRONMENTAL IMPACT ASSESSMENT	40	20-08-2020	20-08-2020
PAVEMENT DESIGN	45	21-01-2021	21-01-2021

- **Activities conducted towards competitive exams and career counselling**

Name of the Activity	Branch	Number of students benefitted
CAREER COUNSELLING	CIVIL	157
CAREER COUNSELLING	EEE	186
CAREER COUNSELLING	MECH	156
CAREER COUNSELLING	ECE	478
CAREER COUNSELLING	CSE	408

COMPETITIVE EXAMS (GATE)	CIVIL	28
COMPETITIVE EXAMS (GATE)	EEE	52
COMPETITIVE EXAMS (GATE)	MECH	60
COMPETITIVE EXAMS (GATE)	ECE	87
COMPETITIVE EXAMS (GATE)	CSE	60

- **Details of capacity building and skills enhancement initiatives**

Name of the capability enhancement scheme	Date of Commencement	Number of students enrolled
TRAINING ON REASONING PART-I	9/17/2020	791
TRAINING ON APTITUDE PART-I	9/17/2020	791
TRAINING ON TECHNICAL PART-I	9/17/2020	791
TRAINING ON REASONING PART-II	4/9/2021	387
TRAINING ON APTITUDE PART-II	4/9/2021	387
TRAINING ON TECHNICAL PART-II	4/9/2021	387
TRAINING ON COMMUNICATION SKILLS PART-I	9/17/2020	747
TRAINING ON COMMUNICATION SKILLS PART-II	4/9/2021	738
YOGA	6/21/2020	102
PHYSICAL FITNESS (GYM)	12/15/2020	126
DEVELOPING INNOVATIVE SCIENCE FRAMEWORK WITH ICT	2/13/2021	145

- **Campus Placements details in the Academic Year**

Name & Details of the Company	Number of students placed
ACCENTURE-INFO@ACCENTURE.COM	5
AKSHITHA INFRA,SIVARAM.ACCOUNTANT@GMAIL.COM	17
APTROID-INFO@APTROID.COM	1
ARMSOFTECH ,SHIVA@ARMSOFT-TECH.COM	27
CONCENTREX, INFO@CONCENTREX.COM	1
DQ ENTERTAINMENT,CAREERS@DQENTERTAINMENT.COM	7
EDVOY, CONTACT@EDVOY.COM	11
HASHMAP-SARASWATHI.SUBRAHMANIAN@NTTDATA.COM	4
HEXAWARE-INVESTORI@HEXAWARE.COM	14
HGS ,SUDARSAN.RD@TEAMHGS.COM	17
IKS HEALTH-INFO@IKS.COM	13
INFOSYS_SHIVA@KARVY.COM	3
KARVY-SHIVA@KARVY.COM	48
MEDWIDE_SHIVA@KARVY.COM	1
MULTIPLIER IT SOLUTIONS, IKRAM@MULTIPLIERSOLUTIONS.COM	1
NAGARRO-PURVA.SHARMA@NAGARRO.COM	3
POWERICA, ATP@POWERICALTD.COM	4
RIALTO ,ARUN.GR@RIALTO.CO.IN	10
SAVANTIS-REVANTH.AITIPAMULA@SAVANTIS.COM	26
SYNTEX,TAMIL.SENGUTTUVAN@SINTEXBAPL.CO.IN	25
SUTHERLAND GLOBAL SERVICE ,INFO@SUTHERLAND.COM	16
TCS-CAREERS@TCS.COM	6
TECH MAHINDRA ,SM00541766@TECHMAHINDRA.COM	68
WIPRO-REACHUS@WIPRO.COM	6
WONJIN AUTO PARTS ,HR@ONEGENE.COM	10

- **Details of the cultural activities participated by the students**

Date of the activity	Name of the activity
12.08.2020	SPEECH COMPETITION (INDEPENDENCE DAY)
12.08.2020	SONGS COMPETITION (INDEPENDENCE DAY)
23.12.2020	DRAMA(CHRISTMAS)
25.03.2021	RANGOLI (HOLI)
12.05.2021	FASHION DRESS (RAMZAN)
11.01.2021	RANGOLI (SANKRANTI)
22.01.2021	SONGS COMPETITION (REPUBLIC DAY)
22.01.2021	SPEECH COMPETITION (REPUBLIC DAY)

- **Details of FDPs/ Workshops/ Seminars attended by the faculty**

Name of the Dept / Title of the event attended by the faculty	CE	EEE	ME	ECE	CSE	H&S
A ONE DAY WORKSHOP ON HUMAN VALUES AND ETHICS	12	5	2	11	3	
A THREE DAY ONLINE WORKSHOP ON "BUILDING SMART AUTOMATION DESIGN WITHOUT CODING"			1			
A ONE DAY WORKSHOP ON ENTREPRENEURSHIP DEVELOPMENT IN RURAL AREA			1	3	12	
A THREE DAY NATIONAL WORKSHOP ON " NAAC ASSESSMENT AND ACCREDITATION: STEP BY STEP PROCESS"				2		
A ONE DAY WORKSHOP ON MACHINE LEARNING WITH PYTHON					8	

- **FDPs/ Workshops/ Seminar details organized for the teaching staff**

Name of the Dept/ Title of the events attended by the faculty	CE	EEE	ME	ECE	CSE	H&S
A FIVE DAY PROFESSIONAL DEVELOPMENT PROGRAM ON INTRODUCTION TO WIN-FIG		15				
AICTE-SPONSORED SHORT TERM TRAINING PROGRAM ME (STTP) ON NEXT GREEN REVOLUTION OF DATA SCIENCE IN TRANSFORMING AGRICULTURE INDUSTRY" (PHASE-I)				26	28	
A FIVE DAY PROFESSIONAL DEVELOPMENT PROGRAM ON APPLICATIONS OF BIO-MATERIALS						15
AICTE-SPONSORED SHORT TERM TRAINING PROGRAM ME (STTP) ON NEXT GREEN REVOLUTION OF DATA SCIENCE IN TRANSFORMING AGRICULTURE INDUSTRY" (PHASE-II)				40	44	
A SIX DAY PROFESSIONAL DEVELOPMENT PROGRAM ON WIDESPREAD ADOPTION OF 3D PRINTING, ROBOTS, AND INTERNET OF THING (IOT) DEVICES			12			
A SIX DAY PROFESSIONAL DEVELOPMENT PROGRAM ON MICRO STATION SOFTWARE	08					
A ONE WEEK PROFESSIONAL DEVELOPMENT PROGRAM ON BIG DATA USING HADOOP						11
A FIVE DAY PROFESSIONAL DEVELOPMENT PROGRAM ON POWER SYSTEM SCENARIO		11				

- **Details of Workshops/ Seminar organized for the non-teaching staff**

Title of the event attended by the non-teaching staff	Date	No. of staff attended
A TWO DAY PROFESSIONAL DEVELOPMENT PROGRAM ON HEAT TRANSFER LAB EXPERIMENTS HANDS ON TRAINING	06-01-2021 TO 07-01-2021	08
A TWO DAY PROFESSIONAL DEVELOPMENT PROGRAM ON MAINTENANCE OF FLUID MECHANICS LAB	08-03-2021 TO 09-03-2021	08

- **Programs organized the Institution towards sensitization of community**

Title of the event	Date	No. of students participated
AWARENESS PROGRAMME ON AFTER EFFECTS OF LIQUOR AND DRUGS ADDICTION	08.08.2020	78
AWARENESS PROGRAMME ON ROAD SAFETY	17.09.2020	129
SANKRANTHI	12.01.2021	230
HOLI	25.03.2021	245
RAMDAAN	12.05.2021	123
INTERNATIONAL WOMENS DAY	08.03.2021	97
YOGA DAY	21.06.2021	72
AWARENESS PROGRAM ON SAFETY MEASURES FOR WOMEN PROTECTION	16.10.2020	129
AWARENESS ON WOMEN EMPOWERMENT	13.01.2020	132

 23/7/21
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