

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: 2019-20

- Teachers involved in following activities:

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

Dept	CE	EEE	MECH	ECE	CSE	H&S
No. of staff participated	08	10	14	23	18	08

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

Dept	CE	EEE	MECH	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	03	02	01
No. of students enrolled	374	353	178	148	100	327

- Details of Add on programmes conducted during the Academic year

Title of the programme	Dept	Date(s)	Duration (Hr)	No. of students enrolled
PRIMAVERA	CE	8.02.2020 to 13.02.2020	30	50
REVIT SOFTWARE	CE	8.02.2020 to 13.02.2020	30	50
PROGRAMABLE LOGIC CONTROLLER	EEE	23.06.2019 to 28.06.2019	30	62
INTERNET OF THINGS(IOT)	EEE	24.06.2019 to 29.06.2019	30	56
MATLAB	EEE	17.12.2019 to 22.12.2019	30	60
COMPUTER NUMERICAL CONTROL PROGRAMMING	ME	09.12.2019 to 14.12.2019	30	41
HYPERMESH	ME	09.12.2019 to 14.12.2019	30	60
PRO ENGINEER	ME	09.12.2019 to 14.12.2019	30	47
MATLAB PROGRAMMING	ECE	10.10.2020 to 15.10.2020	30	123
VLSI DESIGN AND SIMULATION	ECE	16.10.2019 to 21.10.2019	30	125
CELLULAR AND MOBILE COMMUNICATION	ECE	20.01.2020 to 25.01.2020	30	126
UNIX PROGRAMMING	CSE	17.12.2019 to 22.12.2019	30	123
PYTHON PROGRAMMING	CSE	24.06.2019 to 29.06.2019	30	114
DATA SCIENCE AND BIG DATA ANALYTICS	CSE	23.06.2019 to 28.06.2019	30	116
APPLICATIONS OF DIFFERENTIATION AND INTEGRATION	H&S	17.01.2020 to 21.01.2020	30	327

- Total number of students admitted for the academic year

Dept	CE	EEE	ME	ECE	CSE	Total
No. of Students sanctioned	60	60	60	120	120	420
No. of Students admitted	24	25	30	120	120	319

- Pass percentage of final year students

Dept	CE	EEE	MECH	ECE	CSE	Total
No. of Students appeared in the final year examination	53	58	46	125	114	396
No. of Students passed in the final year examination	47	49	42	111	107	356
Pass percentage	88.67	84.48	91.30	88.80	93.85	89.89

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

Dept	Title of the project	Sponsored Agency	Amount
ECE	ADVANCED MULTI-CORE EMBEDDED SYSTEMS LAB	AICTE (MODROB-RURAL)	13,31,000/-
CSE	TECHNO - ENTREPRENEURS	EDII (DST-NIMAT)	32,000/-

- List of Papers Published by the staff in journals

Name of the Staff	Dept	Title of the paper	Name of the Journal	ISSN
HAREESH SITA	EEE	A COMPARATIVE ANALYSIS ON CONTROLLERS OF BEARINGLESS SWITCHED RELUCTANCE MOTOR	JOURNALIMCMS	2349-5162
DR. S. MURALI MOHAN	ECE	EFFECTIVE AND ADAPTIVE LOGIC DESIGN IN VLSI FOR DIGITAL CIRCUIT DESIGNING USING VERILOG	JETIR	0030-3992
DR. C.S. DWARAKA VISWANATH	H&S	NEAR INFRARED BROADBAND AND VISIBLE UPCONVERSION EMISSIONS OF ERBIUM IONS IN OXYFLUORIDE GLASSES FOR OPTICAL AMPLIFIER APPLICATIONS	ELSEIVER	2349-5162
DR.G. RAMA SUBBA REDDY	CSE	CLASSIFICATION OF RESOURCES AND RESOURCE MANAGEMENT TECHNIQUES IN CLOUD COMPUTING	JETIR	10.26634/jfet.15.3.15245
DR.G. RAMA SUBBA REDDY	CSE	THE STUDY OF SUPERVISED CLASSIFICATION TECHNIQUES IN MACHINE LEARNING USING KERAS	i-Manager	10.26634/jcc.6.1.16178
DR.G. RAMA SUBBA REDDY	CSE	A TAXONOMY OF ISSUES, CHALLENGES AND APPLICATIONS IN INTERNET OF MULTIMEDIA THINGS	i-Manager	2349-5162

- 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

- Extension and outreach programmes organized

Title the activity	Number of students participated
GREEN EARTH....PREENED EARTH PROGRAM	144
31st ROAD SAFETY PROGRAM	147
YOGA FOR HEALTH	51
SWACHH BHARAT ABHIYAN	189
NATIONAL VOTERS DAY	56
ORIENTATION PROGRAM FOR FIRST YEARS	142
GRAMSABHA IN KEELAPATLA	50
VILLAGE HOUSE HOLD SURVEY	195
BLOOD DONATION CAMP	198

- **Details of internships participated by the students**

Name of the company	From	To	No. of students participated
GRACE SOFTSOLUTIONS CHENNAI	27.01.2020	03.03.2020	15
LUMSENSE TECHNOLOGIES CHENNAI	20.01.2020	10.03.2020	11

- **Details of field trips participated by the students**

Name of the company	Date	No. of students participated
APGENCO,RTPP, MUDDANUR	04.10.2019	44

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

Name Of The Workshop/ Seminar	Number Of Participants	From	To
BLUETOOTH NETWORK SECURITY	200	20-05-2020	20-05-2020
BIOFUELS	168	17-09-2019	17-09-2019
DIGITAL TRANSFORMATION AND INDUSTRIAL REVOLUTION	46	09-06-2020	09-06-2020
NEURAL NETWORKS	182	10-01-2020	10-01-2020
3D TECHNOLOGY	160	28-08-2019	28-08-2019
"SELF HEALED PAVEMENTS"	44	18-06-2019	18-06-2019
"PAVEMENT DESIGN BY USING GEO-TEXTILES"	42	08-11-2019	08-11-2019
APPLICATIONS OF NANO MATERIALS	145	05-03-2020	06-03-2020
INDUSTRIAL ROBOTICS	46	19-08-2019	24-08-2019
ADVANCED PYTHON PROGRAMME	124	23-09-2019	28-09-2019
PLAXIS 2D SOFTWARE	51	07-10-2019	12-10-2019
LATEX FOR BEGINNERS	58	18-11-2019	22-11-2019
APPLICATIONS OF MATHEMATICS	75	14-12-2019	14-12-2019
BIO-ELECTRONICS	111	16-12-2019	21-12-2019
CHALLENGES IN MECHANICAL ENGINEERING: ADVANCED MANUFACTURING TECHNOLOGY	38	17-02-2020	22-02-2020
8K HIGH RESOLUTION CAMERA SYSTEM	124	06-02-2020	11-02-2020
PYTHON BASICS	143	12-03-2020	17-03-2020
FOUNDATION ANALYSIS BY USING STADD PRO	63	20-04-2020	25-04-2020
MATLAB – BASIC'S & BEYOND	60	22-06-2020	26-06-2020
A POLICY TO IMPOVE SPEAKING SKILLS OF NON-NATIVE SPEAKERS	123	24-08-2020	28-08-2020

- **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	8.7.2019	1502
TRAINING ON APTITUDE PART-I	8.7.2019	748
TRAINING ON TECHNICAL PART-I	8.7.2019	798
TRAINING ON REASONING PART-II	30.12.2019	401
TRAINING ON APTITUDE PART-II	30.12.2019	401
TRAINING ON TECHNICAL PART-II	30.12.2019	401
TRAINING ON COMMUNICATION SKILLS	30.12.2019	770
PHYSICAL FITNESS (GYM)	13.08.2019	118
DEVELOPMENT AND EVALUATION OF MULTIMEDIA RESOURCES TO SUPPORT ICT TRAINING	29.01.2020	132

- **List of Papers Published by the staff in journals**

Name of the Staff	Dept	Title of the paper	Name of the Journal	Month & Year of Publication	ISSN number
HAREESH SITA	EEE	A COMPARATIVE ANALYSIS ON CONTROLLERS OF BEARINGLESS SWITCHED RELUCTANCE MOTOR	JOURALIMCMS	2019-2020	2454 - 7190
DR. S. MURALI MOHAN,	ECE	EFFECTIVE AND ADAPTIVE LOGIC DESIGN IN VLSI FOR DIGITAL CIRCUIT DESIGNING USING VERILOG	JETIR	2019-2020	2349-5162
DWARAKA VISWANATH C.S	H&S	OPTICS AND LASER TECHNOLOGY	ELSEIVER	2019-2020	127 (2020) 106167
DR.G. RAMA SUBBA REDDY	CSE	CLASSIFICATION OF RESOURCES AND RESOURCE MANAGEMENT TECHNIQUES IN CLOUD COMPUTING	JETIR	2019-2020	2349-5162
G. RAMASUBBA REDDY	CSE	THE STUDY OF SUPERVISED CLASSIFICATION TECHNIQUES IN MACHINE LEARNING USING KERAS	i-MANAGERS	2019-2020	0973-5151
G. RAMA SUBBA REDDY	CSE	A TAXONOMY OF ISSUES, CHALLENGES AND APPLICATIONS IN INTERNET OF MULTIMEDIA THINGS (IOMMT)	i-MANAGERS	2019-2020	0973-5151

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

Name of the Company	Date of establishment	Valid period (Years)
SAI RAM INOMMATION	21/09/2021	5
STIGMATATECHNO SOLUTIONS	05/10/2021	5
NOOBTRON PVT. LTD	07/10/2020	5

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

Name & Details of the company	No. of Students placed
AKSHITHA INFRA,SIVARAM.ACCOUNTANT@GMAIL.COM	16
AMARARAJA BATTERY ,NAVAPRATHIBHA@AMARARAJA.COM	2
CGI*-HEGDGE@CGI.COM	8
CTS, INQUIRY@COGNIZANT.COM	49
GENPACT_SHUBHAM.TRIPATHI@GENPACT.COM	3
GLOBALEDGE-HR.GLOBALEDGE@MALLCOM.CO	1
HEXAWARE-INVESTORI@HEXAWARE.COM	8
HGS-SUDARSAN.RD@TEAMHGS.COM	25
IBM	1
IKS HEALTH-INFO@IKS.COM	5
KARVY-SHIVA@KARVY.COM	44
MEDWIDE-HR@MEDWIDE.COM	9
MULTIPLIER IT SOLUTIONS, VIKRAM@MULTIPLIERSOLUTIONS.COM	1
POWERICA, ATP@POWERICALTD.COM	8
RIALTO ,ARUN.GR@RIALTO.CO.IN	12
SAVANTIS ,REVANTH.AITIPAMULA@SAVANTIS.COM	14
SINTEX,TAMIL.SENGUTTUVAN@SINTEXBAPL.CO.IN	9
SUTHERLAND GLOBAL SERVICE ,INFO@SUTHERLAND.COM	16
TCS-CAREERS@TCS.COM	9
TECH MAHINDRA ,SM00541766@TECHMAHINDRA.COM	39
TECHNOSOFT-JUDEXAVIER@TECHNOSOFTCORP.COM	13
TOPPRTECHNOLOGIES_SANJEEV.PAL.INT@TOPPR.IN	4
TVS SUNDARAM ,MADHAVAN.V@TVS.IN	4
VECTOR WORKS,VISHAK@VECTORWORKSINDIA.COM	1
VOLTECH GROUP _INQUIRY@COGNIZANT.COM	15
VOLANTE TECHNOLOGIES-SUPPORT@VOLANTETECH.COM	1
WIPRO-REACHUS@WIPRO.COM	7
WONJIN HR@ONEGENE.COM	10
WORKSBOT,WONJIN,TVS SUNDARAM,INFO@WORKSBOT.COM	5

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

Date	Name the activity
13.08.2019	SPEECH COMPETITION (INDEPENDENCE DAY)
13.08.2019	SONGS COMPETITION (INDEPENDENCE DAY)
20.01.2020	CLASSICAL SOLO (INDIAN)
20.01.2020	SINGING
20.01.2020	DANCE (CLASSICAL)
21.01.2020	WESTERN SOLO
21.01.2020	PAINTING
22.01.2020	DRAMA
22.01.2020	BAND TEAM WESTERN(GROUP)
22.01.2020	ANCHORING
23.01.2020	SPEECH COMPETITION (REPUBLIC DAY)
23.01.2020	PATRIOT SONGS COMPETITION (REPUBLIC DAY)

- **Details of the sports & games activities participated by the students**

Date	Name the activity
20.01.2020	CAROMS
20.01.2020	CHESS
21.01.2020	CRICKET
22.01.2020	BADMINTON
24.01.2020	VOLLEYBALL
24.01.2020	THROWBALL
02.10.2019	HAND BALL
12.10.2019	SHUTTLE BADMINTON
14.10.2019	VOLLEYBALL
17.10.2019	BASKET BALL
19.10.2019	CRICKET
22.10.2019	CHESS
30.10.2019	KABADDI
04.11.2019	FOOTBALL

- **FDPs/ Workshops/ Seminar details 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 WORK SHOP ON MOTIVATION TO THE STUDENTS IN HIGHER EDUCATION	03	01	02	01		03
ONLINE TEACHING AND MANAGEMENT		01				
A ONE WEEK NATIONAL WORKSHOP ON "MATERIALS TECHNOLOGY ADVANCEMENT IN CURRENT SCENARIO			01			
ONLINE TEACHING AND MANAGEMENT				04	03	08
A THREE DAY INTERNATIONAL CONFERENCE ON "HIGH PERFORMANCE MATERIALS FOR ENERGY, ENVIRONMENT AND HEALTH CARE IN THE DIGITAL ERA						01
INTRODUCTION TO BLOCK-CHAIN TECHNOLOGIES					14	

- **Details of FDPs/ Workshops/ Seminars organized for the teaching staff**

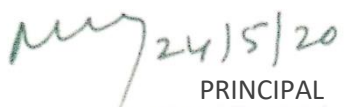
Name of the Dept/ Title of the events attended by the faculty	CE	EEE	ME	ECE	CSE	H&S
A SIX DAY PROFESSIONAL DEVELOPMENT PROGRAM ON PRODUCT DEVELOPMENT AND DESIGN	15					
A FIVE DAY PROFESSIONAL DEVELOPMENT PROGRAM ON LATEX FOR BEGINNERS		10				
A SIX DAY PROFESSIONAL DEVELOPMENT PROGRAM ON FOUNDATION ANALYSIS BY USING STADD PRO	13					
A FIVE DAY PROFESSIONAL DEVELOPMENT PROGRAM ON MATLAB BASICS AND BEYOND		10				
A FIVE DAY PROFESSIONAL DEVELOPMENT PROGRAM ON A PLAN TO IMPROVE SPEAKING SKILLS OF NON - NATIVE SPEAKERS						15
A SIX DAY PROFESSIONAL DEVELOPMENT PROGRAM ON CHALLENGES IN MECHANICAL ENGINEERING: ADVANCED MANUFACTURING TECHNOLOGY			10			
A SIX DAY PROFESSIONAL DEVELOPMENT PROGRAM ON PYTHON BASICS IN ASSOCIATION WITH APSSDC					15	

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

Name of the Dept/ Title of the event attended by the non-teaching staff	Date	No. of staff attended
A ONE DAY PROFESSIONAL DEVELOPMENT PROGRAM ON INTRODUCTION TO MATLAB/OCTAVE	21-06-2019	09
A TWO DAY PROFESSIONAL DEVELOPMENT PROGRAM ON INTRODUCTION TO DIGITAL & ANALOG ELECTRONICS	18-07-2019 to 19-07-2019	10
A TWO DAY PROFESSIONAL DEVELOPMENT PROGRAM ON ADVANCED MICROCONTROLLERS	26-12-2019 to 27-12-2019	10
A TWO DAY PROFESSIONAL DEVELOPMENT PROGRAM ON MAINTENANCE OF LAB	06-01-2020 to 07-01-2020	10
A TWO DAY PROFESSIONAL DEVELOPMENT PROGRAM ON WELDING SIMULATOR	25-02-2020 to 26-02-2020	05

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

Title of the event	Date	No. of students participated
AWARENESS PROGRAM ON TRAFFIC RULES	21.08.2019	234
AWARENESS ON INDIAN CONSTITUTION DAY	29.10.2019	124
LEGAL AWARENESS PROGRAMME	02.11.2020	198
ONAM	12.09.2019	76
DIWALI	26.10.2019	79
CHRISTMAS	23.12.2019	47
SANKRANTHI	12.01.2020	169
INTERNATIONAL WOMENS DAY	08.03.2020	146
YOGA DAY	21.06.2020	69


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