

# MOTHER TERESA INSTITUTE OF ENGINEERING AND TECHNOLOGY

(An ISO 9000 - 2001 Certified Institution)

Approved by AICTE, New Delhi::Affiliated to JNTUA, Ananthapuramu

Melumoi Post, Palamaner, Chittoor (Dist.) – 517408.



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## COLLEGE AT A GLANCE

Mother Theresa Institute of Engineering and Technology, a premier Engineering College, was established in the year 2010, affiliated to JNTUA, with the objective of developing competent and responsible technocrats for the futuristic needs of India. Promoted by "**Holy Cross Educational Society, Palamaner**". MTIET is built on the spirited commitment and passion to impart quality education to the rural and remote student aspirant of technical education.

From a small and humble beginning we have grown and continuously growing with the uninstinted policy of moving forward for a better tomorrow.



Initiation, Inspiration, Inventions, Innovations and Challenges are never ending programs of the universe. Every investigation big or small counts but always begins with a single step. All the engineers have immense potential within them. This potential can be transformed into academic and research activities by waking up their minds.

**“The Archer is known for his ability but not for his Arrow..!”**

## VISION

To promote excellence in the field of Engineering Education, Research and Consultancy which encompasses knowledge, skills and values to produce technically and intellectually competent and socially committed students to become responsible citizens.

## MISSION

- To empower the students in developing professionalism through innovative teaching and learning process
- To improve high ethical values in engineering and technology through research and consultancy
- To promote high standards in education to meet the needs of the society
- To impart knowledge and technical skills to enhance intellectual property of primary stake holders.

## PROGRAM OUTCOMES (POs)

Engineering Graduates will be able to:

- **PO1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **PO2. Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **PO3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **PO4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **PO5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **PO6. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **PO7. Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **PO8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **PO9. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **PO10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **PO11. Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **PO12. Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

## **MESSAGE FROM SECRETARY & CORRESPONDENT'S DESK**



**SRI M RAVINDRABABU**  
**SECRETARY & CORRESPONDENT**

MTIET has been a trend setter in realizing the industrial needs and satisfying those needs by developing human resource equipped with knowledge, technical skill set and other values essential for goods performance. The teaching methodology at MTIET has been successfully integrating the technical and managerial knowledge with the professional inputs from the industry.

MTIET has continued with progress in all areas namely faculty, students, and updating courses and all around placements in top organizations of INDIA as well as 'In' MNCs. IT is a matter of great pleasure that we have developed a distinct niche for ourselves. I extend a hearty welcome to all the candidates aspiring to join us.

## **MESSAGE FROM VICE –CHAIRMAN'S DESK**



**SRI M R SUNIL**

**VICE – CHAIRMAN**

It gives me an immense pleasure in extending a warm welcome to you all. You have entered the portals of MTIET- an institute with a difference. The mark of MTIET has been never ending quest for excellence coupled with a commitment to the professionalism.

The institute organizes regular interaction of students with the professionals from different fields through guest lectures and seminars. We ensure that our students get sufficient exposure of the industry through industrial visits and MoU activities. I am sure that the students of our institute will be amply benefitted for the good work being done by the dedicated faculty and for the good infrastructure available to them.

As a prospective student, you are welcome to explore options that may be available to you in our various academic programs for holistic development

## **MESSAGE FROM ACADEMIC DIRECTOR'S DESK**



**DR. R. RAJENDRA REDDY**

**ACADEMIC DIRECTOR**

My heartily welcome to the news letter at MTIET. I am indeed very happy and proud in bringing this newsletter about the latest developments and programs in the Institute. News letter acts as a communication channel among the alumni, faculty, students and experts in Engineering field.

We are very much grateful to the Management and Principal for their continuous encouragement, inspiration and support extended for the release of this “e-NEWSLETTER”

# DEPARTMENT OF CIVIL ENGINEERING

## Vision

Impart Quality Education to the students so that they can face the current and future challenges with humane approach for sustainable development in Civil Engineering.

## Mission

- To provide value based technical and realtime education to contribute to the field of Civil Engineering.
- To impart soft skills and professional ethics for better prospects.
- To install spirit, commitment and develop skills in students for socio- economic development.
- To develop students for adopting engineering approach to conserve natural resources and to cater to the societal needs.

## Program Educational Objectives (PEO)

**PEO1:**To have strong aptitude and fundamental knowledge in Civil Engineering for successful career.

**PEO2:**To take up research based improvement to provide solutions for technical problems of society.

**PEO3:**To resolve societal, technical /business challenges to hone personal development.

**PEO4:**Enhance professional progress and technical understanding through continuing education for sustainable development.

## Program Specific Outcomes (PSO)

**PSO1:**Able to apply, analyze Civil Engineering knowledge for sustainable development of society and self

**PSO2:** Able to effectively communicate in small and large teams and work as a team member.

**PSO3:** Able to use creativity in design, thermal, industrial engineering to improve civil systems and processes.

## • Details of Internships participated by the students

Name of the Student	Title of the Internship	From	To	Company
A POORNACHANDRA	WATER DEMAND IN URBAN AREAS	10-02-2020	23-03-2020	AKSHITHA AVENUES
A ROOPESH	WATER DEMAND IN URBAN AREAS	10-02-2020	23-03-2020	AKSHITHA AVENUES
P RAJESH	WATER DEMAND IN URBAN AREAS	10-02-2020	23-03-2020	AKSHITHA AVENUES
ANDELA PRASANNA PRIYA	WATER DEMAND IN URBAN AREAS	10-02-2020	23-03-2020	AKSHITHA AVENUES
T SREENIVASULU REDDY	WATER DEMAND IN URBAN AREAS	10-02-2020	23-03-2020	AKSHITHA AVENUES
BATHULA KALYAN BABU	WATER DEMAND IN URBAN AREAS	10-02-2020	23-03-2020	AKSHITHA AVENUES
B N NAVEEN	WATER DEMAND IN URBAN AREAS	10-02-2020	23-03-2020	AKSHITHA AVENUES
A CHANDRAKALA	WATER DEMAND IN URBAN AREAS	10-02-2020	23-03-2020	AKSHITHA AVENUES
C SHANKAR	WATER DEMAND IN URBAN AREAS	10-02-2020	23-03-2020	AKSHITHA AVENUES

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

Title of the event attended by the faculty	No. of faculty attended
A ONE DAY WORKSHOP ON HUMAN VALUES AND ETHICS	12



- **Details of the Toppers**

Semester	Reg. No.	Name of the student	Percentage/CGPA
I	20HR1A0108	GARNIMITTA HARI	80.67
II	20HR1A0101	A N VENU	86.11
III	19HR1A0121	SHAIK UMMAR FAROOQ	7.91
IV	19HR1A0106	KOTHOLLA MOUNIKA	67.44
V	18HR1A0105	B.PAVAN KALYAN	82.13
VI	18HR1A0111	D JAVEED SHARIF	81.33
VII	17HR1A0122	RAMISETTY NAGA HARICHANDANA	82.86
VIII	18HR5A0121	SHAIK BABA AFRID	94.22



## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Vision

To produce accomplished Engineers through eminence education and become a recognized center of excellence in academics, research and technological services in the area of Electrical and Electronics Engineering and related inter-disciplinary fields.

### Mission

- To facilitate the students to work with modern tools, state of art technologies, innovative research capabilities besides inculcating leadership abilities
- To instigate students for propensity to research and innovation by exposing them to industry and societal needs to creating solutions for contemporary problems
- The department endeavours to prepare the students professionally skillful, intellectually proficient and socially responsible.

### Program Educational Objectives (PEO)

**PEO 1:** The graduates employed within engineering field and demonstrate technical competence in providing effective engineering solutions.

**PEO 2:** The graduates will fulfill the needs of society in solving technical problems in an ethical and responsible manner.

**PEO 3:** The graduates will be imbued with self learning qualities evidenced through continuous skill development.

**PEO 4:** The graduates will be oriented towards research in Energy Management and exploration of Non-Conventional energy sources.

### Program Specific Outcomes (PSO)

**PSO 1:** The students will have good knowledge to design, develop and simulate systems using MATLAB and other Engineering application softwares.

**PSO 2:** The students will be able to understand various technologies of Electrical and Electronics Engineering for handling technical issues.

**PSO 3:** The student will be aware of latest development in Electrical and Electronics Engineering as well as machineries used in industries.

### • Add on programmes conducted during the Academic year

Title of the programme	Dept	Date(s)	Duration (Hr)	No. of students enrolled
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

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

Title of the event attended by the faculty	No. of faculty attended
A ONE DAY WORKSHOP ON HUMAN VALUES AND ETHICS	5

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

Title of the events attended by the faculty	No. of faculty attended
A FIVE DAY PROFESSIONAL DEVELOPMENT PROGRAM ON INTRODUCTION TO WIN-FIG	15

- **Details of the Toppers**

Semester	Reg. No.	Name of the student	Percentage/CGPA
I	20HR1A0235	RAMAPURAM R.MANEESHA	87.00
II	20HR1A0235	RAMAPURAM R.MANEESHA	83.89
III	19HAR1A0217	P PURUSHOTHAM	87.78
IV	19HAR1A0217	P PURUSHOTHAM	77.21
V	18HR1A0243	P MALLIKARJUNA	77.80
VI	18HR1A0221	G RAJESWARI	78.00
VII	17HR1A0227	KOKKINTI DEVINAGACHANDANA	82.00
VIII	17HR1A0202	A MANOJ VAMSI	93.00



# DEPARTMENT OF MECHANICAL ENGINEERING

## Vision

To impart technical education for facing challenges with humane approach for sustainable development in Mechanical Engineering.

## Mission

- To provide an environment for technical knowledge gain for overall development of students.
- To create awareness and provide environment for research.
- To instil spirit, commitment and develop skills in students for socio economic development.
- To guide students for adopting engineering approach to conserve natural resources.

## Program Educational Objectives (PEO)

**PEO1:** To have strong aptitude and fundamental knowledge in mechanical engineering for successful career.

**PEO2:** To take up research based improvement to provide solutions for technical problems of society.

**PEO3:** To resolve societal, technical /business challenges to hone personal development.

**PEO4:** Enhance professional progress and technical understanding through continuing education for sustainable development.

## Program Specific Outcomes (PSO)

**PSO1:** Able to apply, analyze mechanical engineering knowledge for sustainable development of society and self.

**PSO2:** Able to effectively communicate in small and large teams and work as a team member.

**PSO3:** Able to use creativity in design, thermal, industrial engineering to improve mechanical system and processes.

## • Details of FDPs/ Workshops/ Seminars attended by the faculty

Title of the event attended by the faculty	No. of faculty attended
A ONE DAY WORKSHOP ON HUMAN VALUES AND ETHICS	2
A THREE DAY ONLINE WORKSHOP ON "BUILDING SMART AUTOMATION DESIGN WITHOUT CODING"	1



- Details of the Toppers

Semester	Reg. No.	Name of the student	Percentage/CGPA
I	20HR1A0302	MADANMOHAN REDDY BURUJU	86.22
II	20HR1A0302	BURUJUMADHAN MOHAN REDDY	81.78
III	19HR1A0311	K ARUN KUMAR REDDY	8.3
IV	19HR1A0326	S TAMIL ARASAN	71.11
V	18HR1A0311	GUDISINTI POORNACHANDU	79.63
VI	18HR1A0311	GUDISINTI POORNACHANDU	85
VII	17HR1A0347	PULAGANTI JHANSI	85.00
VIII	17HR1A0305	B HARIKRISHNA	90.00



# DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

## Vision

To become a center of excellence in the field of Electronics & Communication Engineering by innovative teaching and learning process to develop competent technocrats with professional skills, moral values and social ethics.

## Mission

- To create conducive academic culture for learning and identifying career goals in the field of Electronics & Communication Engineering.
- To impart outcome based technical education in Electronics & Communication Engineering.
- To impart necessary skills and promote professional practice to enhance placement and entrepreneurship in Electronics and Communication contributing to the socio- economic growth.
- To inculcate core values and ethics.

## Program Educational Objectives (PEO)

**PEO1:** To provide exposure to emerging cutting edge technologies, adequate training & opportunities to work as teams on multidisciplinary projects with effective communication skills and leadership qualities.

**PEO2:** To prepare the students for a successful career and work with values & social concern bridging the digital divide and meeting the requirements of multi-national companies.

**PEO3:** To induce a culture of research and development of innovative ideas among students.

**PEO4:** To promote entrepreneurship skills and awareness on the life-long learning and to introduce them to social ethics and codes of professional practice.

## Program Specific Outcomes (PSO)

**PSO1:** Graduates will be able to apply the concepts of Electronics, Communications, Signal processing, VLSI, Image processing etc., in the design and implementation of application oriented engineering systems.

**PSO2:** Graduates will be able to solve complex Electronics and Communication Engineering problems, using modern design tools to analyze and design subsystems/processes for a variety of applications.

**PSO3:** Graduate will possess the communication, aptitude and interpersonal skills to become industry ready.

## • Add on programmes conducted during the Academic year

Title of the programme	Dept	Date(s)	Duration (Hr)	No. of students enrolled
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

## • Details of FDPs/ Workshops/ Seminars attended by the faculty

Title of the event attended by the faculty	No of faculty attended
A ONE DAY WORKSHOP ON HUMAN VALUES AND ETHICS	11

- Details of Internships participated by the students

Name of the Student	Title of the Internship	From	To	Company
BAYUMAUDI SANDHYA	SOFTWARE APPLICATIONS FOR CELLULAR SOLUTIONS	20-01-2020	10-03-2020	LUMSENSE TECHNOLOGIES
C NIKHIL BHARADWAZ	SOFTWARE APPLICATIONS FOR CELLULAR SOLUTIONS	20-01-2020	10-03-2020	LUMSENSE TECHNOLOGIES
K VENKATA LAKSHMI	SOFTWARE APPLICATIONS FOR CELLULAR SOLUTIONS	20-01-2020	10-03-2020	LUMSENSE TECHNOLOGIES
M R MOUNIKA	SOFTWARE APPLICATIONS FOR CELLULAR SOLUTIONS	20-01-2020	10-03-2020	LUMSENSE TECHNOLOGIES
PATHRIVALLA NAVEEN	SOFTWARE APPLICATIONS FOR CELLULAR SOLUTIONS	20-01-2020	10-03-2020	LUMSENSE TECHNOLOGIES
A SAI PRAKASH	SOFTWARE APPLICATIONS FOR CELLULAR SOLUTIONS	20-01-2020	10-03-2020	LUMSENSE TECHNOLOGIES
B MEENA	SOFTWARE APPLICATIONS FOR CELLULAR SOLUTIONS	20-01-2020	10-03-2020	LUMSENSE TECHNOLOGIES
G PURUSHOTHAM	SOFTWARE APPLICATIONS FOR CELLULAR SOLUTIONS	20-01-2020	10-03-2020	LUMSENSE TECHNOLOGIES
D VIGNESH	SOFTWARE APPLICATIONS FOR CELLULAR SOLUTIONS	20-01-2020	10-03-2020	LUMSENSE TECHNOLOGIES
DILLI PRASANNA	SOFTWARE APPLICATIONS FOR CELLULAR SOLUTIONS	20-01-2020	10-03-2020	LUMSENSE TECHNOLOGIES
K G MANOJ KUMAR	SOFTWARE APPLICATIONS FOR CELLULAR SOLUTIONS	20-01-2020	10-03-2020	LUMSENSE TECHNOLOGIES



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

<b>Title of the events attended by the faculty</b>	<b>No. of faculty attended</b>
AICTE-SPONSORED SHORT TERM TRAINING PROGRAM ME (STTP) ON NEXT GREEN REVOLUTION OF DATA SCIENCE IN TRANSFORMING AGRICULTURE INDUSTRY" (PHASE-I)	26
AICTE-SPONSORED SHORT TERM TRAINING PROGRAM ME (STTP) ON NEXT GREEN REVOLUTION OF DATA SCIENCE IN TRANSFORMING AGRICULTURE INDUSTRY" (PHASE-II)	40



- Details of the Toppers**

<b>Semester</b>	<b>Reg. No.</b>	<b>Name of the student</b>	<b>Percentage/CGPA</b>
I	20HR1A04A6	VANKASANPALLI V ARIFATABASUM	87.44
II	20HR1A0460	MASAPALLIAMRUTHA	89.89
III	19HR1A0436	I K FATIMA ZAHURA	8.6
IV	19HR1A0472	N RUCHITHA	85.48
V	18HR1A0422	E HAREESHMA	93.25
VI	18HR1A0402	A SAI RAASI	90.75
VII	17HR1A0422	DONIPARTHI SIREESHA	82.50
VIII	17HR1A0422	DONIPARTHI SIREESHA	93.00

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## Vision

To promote excellence and eminence in Computer Science and Engineering by producing committed adroit professionals, with a fine fusion of competitive, consultative, research and life skills.

## Mission

- To make available amenities and expertise to empower students in Computer Science and Engineering.
- To promote and enhance Creative thinking, Leadership qualities, Professional Ethics and Social responsibilities among students by providing value based education.
- Holistic education through student-centric approach and interactive instructions.

## Program Educational Objectives (PEO)

**PEO 1:** Graduates of the program are adequately prepared to be employed in IT industries and Public Sector companies by forecasting a logical and practical approach to problem solving that would prepare them to function effectively as skilled computer engineers.

**PEO 2:** To impart students with solid foundation in mathematics, computing and core engineering fundamentals so as to help them to excel in their professional career or higher education.

**PEO 3:** To promote lifelong learning by encouraging research and an attitude to apply the basic theories learnt during their graduation, leading to the creativity and productivity in their respective fields.

**PEO 4:** To inculcate students with leadership qualities, communication skills and ethical behavior as IT professionals that can lead to positive impact of technology on society.

## Program Specific Outcomes (PSO)

**PSO 1:** Ability to understand and apply the concepts of mathematics, basic sciences, basic computing, in analyzing the real world problems and solving them.

**PSO 2:** Ability to design and develop computer programs/ computer-based systems in the areas related to algorithms, networking, web design, and data analytics using Software engineering principles and practices.

**PSO 3:** Ability to imbibe ethical and professional skills required working in teams and leading the team.





- Add on programmes conducted during the Academic year**

Title of the programme	Dept	Date(s)	Duration (Hr)	No. of students enrolled
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
UNIX PROGRAMMING	CSE	18.12.2020 to 23.12.2020	30	124

- Details of Internships participated by the students**

Name of the Student	Title of the Internship	From	To	Company
BATHULA MAHATHI	DESIGN AND ANALYSIS OF ALGORITHMS	27-01-2020	03-03-2020	GRACE SOFTSOLUTIONS
C LAKSHMI	DESIGN AND ANALYSIS OF ALGORITHMS	27-01-2020	03-03-2020	GRACE SOFTSOLUTIONS
DANDE MOUNIKA	DESIGN AND ANALYSIS OF ALGORITHMS	27-01-2020	03-03-2020	GRACE SOFTSOLUTIONS
G SIRISHA	DESIGN AND ANALYSIS OF ALGORITHMS	27-01-2020	03-03-2020	GRACE SOFTSOLUTIONS
J M BILAL	DESIGN AND ANALYSIS OF ALGORITHMS	27-01-2020	03-03-2020	GRACE SOFTSOLUTIONS
K J SHANMUGA TEJA	DESIGN AND ANALYSIS OF ALGORITHMS	27-01-2020	03-03-2020	GRACE SOFTSOLUTIONS
K V SAI SANTHOSH	DESIGN AND ANALYSIS OF ALGORITHMS	27-01-2020	03-03-2020	GRACE SOFTSOLUTIONS
HALEEMA SADIYA S	DESIGN AND ANALYSIS OF ALGORITHMS	27-01-2020	03-03-2020	GRACE SOFTSOLUTIONS
K CHANDRA BABU	DESIGN AND ANALYSIS OF ALGORITHMS	27-01-2020	03-03-2020	GRACE SOFTSOLUTIONS
KUMMARA RAGHU	DESIGN AND ANALYSIS OF ALGORITHMS	27-01-2020	03-03-2020	GRACE SOFTSOLUTIONS
M SUNITHA	DESIGN AND ANALYSIS OF ALGORITHMS	27-01-2020	03-03-2020	GRACE SOFTSOLUTIONS
R VASUDEVA REDDY	DESIGN AND ANALYSIS OF ALGORITHMS	27-01-2020	03-03-2020	GRACE SOFTSOLUTIONS
P GANGI REDDY	DESIGN AND ANALYSIS OF ALGORITHMS	27-01-2020	03-03-2020	GRACE SOFTSOLUTIONS
P SUSHMITHA ELINAAR	DESIGN AND ANALYSIS OF ALGORITHMS	27-01-2020	03-03-2020	GRACE SOFTSOLUTIONS
PENNENI TEJASWINI	DESIGN AND ANALYSIS OF ALGORITHMS	27-01-2020	03-03-2020	GRACE SOFTSOLUTIONS

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

Dept	Title of the project	Sponsored Agency	Amount	Grant in Aid Number
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
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
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



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

Title of the event attended by the faculty	No. of faculty attended
A ONE DAY WORKSHOP ON HUMAN VALUES AND ETHICS	3

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

Title of the events attended by the faculty	No. of faculty attended
AICTE-SPONSORED SHORT TERM TRAINING PROGRAM ME (STTP) ON NEXT GREEN REVOLUTION OF DATA SCIENCE IN TRANSFORMING AGRICULTURE INDUSTRY" (PHASE-I)	28
AICTE-SPONSORED SHORT TERM TRAINING PROGRAM ME (STTP) ON NEXT GREEN REVOLUTION OF DATA SCIENCE IN TRANSFORMING AGRICULTURE INDUSTRY" (PHASE-II)	44

- Details of the Toppers

Semester	Reg. No.	Name of the student	Percentage/CGPA
I	20HR1A05C8	M HARSHITHA	95.33
II	20HR1A05C1	VASANOORI VASANOORI GANGA BHAVANI	89.56
III	19HR1A0577	MALLU REDDY BHARGAVI	8.85
IV	19HR1A0574	M.YASASWITHA	72.67
V	18HR1A0520	D.DIVYA SREE	83.25
VI	18HR1A05A0	T SWETHA	84.22
VII	17HR1A0519	EMURU GAYATHRI	83.88
VIII	17HR1A05A4	Y PRADEEP KUMAR	96.00



## DEPARTMENT OF SCIENCE AND HUMANITIES

- List of Papers Published by the staff in journals

Name of the Staff	Dept	Title of the paper	Name of the Journal	ISSN
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

- Details of workshops/Seminars participated by the students

Name Of The Workshop/ Seminar	Number Of Participants	From	To
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
ENVIRONMENTAL IMPACT ASSESSMENT	40	20-08-2020	20-08-2020
CHALLENGES IN MECHANICAL ENGINEERING: MACHINING PERSPECTIVE	51	22-06-2020	27-06-2020
5G WIRELESS TECHNOLOGY	142	10-06-2020	10-06-2020
BLUETOOTH NETWORK SECURITY	200	20-05-2020	20-05-2020
NEURAL NETWORKS	182	10-01-2020	10-01-2020
APPLICATIONS OF NANO MATERIALS	145	05-03-2020	06-03-2020
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

- 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



- Industry under MoUs during the academic year

Name of the Company	Date of establishment	Valid period (Years)
JEMI CLUSTER	12/03/2020	5

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

Name of the Dept/ Title of the events attended by the faculty	Number of faculty attended
A FIVE DAY PROFESSIONAL DEVELOPMENT PROGRAM ON APPLICATIONS OF BIO-MATERIALS	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 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

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

Name of the capability enhancement scheme	Date of Commencement	Number of students enrolled
DEVELOPMENT AND EVALUATION OF MULTIMEDIA RESOURCES TO SUPPORT ICT TRAINING	29.01.2020	132
TRAINING ON REASONING PART-I	17-09-2020	791
TRAINING ON APTITUDE PART-I	17-09-2020	791
TRAINING ON TECHNICAL PART-I	17-09-2020	791
YOGA	21-06-2020	102
PHYSICAL FITNESS (GYM)	15-12-2020	126



- Campus Placements details in the Academic Year

Name & Details of the company	No. of Students placed
POWERICA	8
RIALTO	12
SAVANTIS	14
SINTEX	9
SUTHERLAND GLOBAL SERVICE	16
TCS	9
TECH MAHINDRA	39
TECHNOSOFT	13
TOPPRTECHNOLOGIES	4
TVS	4
VECTOR WORKS	1
VOLTECH GROUP	15
VOLANTE TECHNOLOGIES	1
WIPRO	7
WONJIN	10
WORKSBOT	5
ACCENTURE	5
AKSHITHA INFRA	17
APTROID	1
ARMSOFTECH	27
CONCENTREX	1
DQ ENTERTAINMENT	7
EDVOY	11
HASHMAP	4

HEXAWARE	14
HGS	17
IKS HEALTH	13
INFOSYS	3
KARVY	48

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

Name the activity	Date
CAROMS	20.01.2020
CHESS	20.01.2020
CRICKET	21.01.2020
BADMINTON	22.01.2020

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

Title of the event	Date	No. of students participated
SANKRANTHI	12.01.2020	169
INTERNATIONAL WOMENS DAY	08.03.2020	146
YOGA DAY	21.06.2020	69
AWARENESS PROGRAMME ON AFTER EFFECTS OF LIQUOR AND DRUGS ADDICTION	08.08.2020	78
AWARENESS PROGRAMME ON ROAD SAFETY	17.09.2020	129
AWARENESS PROGRAM ON SAFETY MEASURES FOR WOMEN PROTECTION	16.10.2020	129





- **Extension and outreach programmes organized**

<b>Title the activity</b>	<b>Number of students participated</b>
GRAMSABHA IN KEELAPATLA	50
VILLAGE HOUSE HOLD SURVEY	195
BLOOD DONATION CAMP	198
GREEN EARTH....PREENED EARTH PROGRAM	144
EACH ONE....PLANT ONE PROGRAM	193
AWARENESS ON DIGITAL PAYMENTS & CASH LESS TRANSCION	93
GRAMSABHA IN KEELAPATLA	79

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

<b>Name the activity</b>	<b>Date</b>
CLASSICAL SOLO (INDIAN)	20.01.2020
SINGING	20.01.2020
DANCE (CLASSICAL)	20.01.2020
WESTERN SOLO	21.01.2020
PAINTING	21.01.2020
DRAMA	22.01.2020
BAND TEAM WESTERN(GROUP)	22.01.2020
ANCHORING	22.01.2020
SPEECH COMPETITION (REPUBLIC DAY)	23.01.2020
SPEECH COMPETITION (INDEPENDENCE DAY)	12.08.2020
SONGS COMPETITION (INDEPENDENCE DAY)	12.08.2020
DRAMA(CHRISTMAS)	23.12.2020
PATRIOT SONGS COMPETITION (REPUBLIC DAY)	23.01.2020