

MOTHER THERESA 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 FORM 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 FORM 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 real time 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
ATHMAKURU PAVANI	LEVELING AND CURVES	01-04-2018	31-05-2018	AKSHITHA AVENUES
C BALAJI	LEVELING AND CURVES	01-04-2018	31-05-2018	AKSHITHA AVENUES
B ROOPA	LEVELING AND CURVES	01-04-2018	31-05-2018	AKSHITHA AVENUES
C VIJAY KUMAR REDDY	LEVELING AND CURVES	01-04-2018	31-05-2018	AKSHITHA AVENUES
F FOUSIA BANU	LEVELING AND CURVES	01-04-2018	31-05-2018	AKSHITHA AVENUES
K S BINDU	LEVELING AND CURVES	01-04-2018	31-05-2018	AKSHITHA AVENUES
M MEHAR TAJ	LEVELING AND CURVES	01-04-2018	31-05-2018	AKSHITHA AVENUES
N R MAHESH KUMAR	LEVELING AND CURVES	01-04-2018	31-05-2018	AKSHITHA AVENUES
PAMULURI NAGAROOPA	LEVELING AND CURVES	01-04-2018	31-05-2018	AKSHITHA AVENUES
S SUMERA BEGUM	LEVELING AND CURVES	01-04-2018	31-05-2018	AKSHITHA AVENUES
T S SANNIHITHA	LEVELING AND CURVES	01-04-2018	31-05-2018	AKSHITHA AVENUES

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

Name of the Staff	Dept	Title of the paper	Name of the Journal	ISSN
B.VEERESH	CE	SILICA FUME RECYCLED AGGREGATE CONCRETE (SFRAC)	IJRTI	2249 – 8958

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

Title of the Programme	No of faculty attended
A ONE DAY WORK SHOP ON MENTAL HEALTH AND EDUCATION	03
WORKSHOP ON " SKILL DEVELOPMENT AND ENTREPRENEURSHIP DEVELOPMENT"	05

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

Title of the Programme	No of staff attended
A FOUR DAY PROFESSIONAL DEVELOPMENT PROGRAM ON TRAINING ON 3D PRINTING	09
FACULTY DEVELOPMENT ON NAAC AWARENESS	08



- **Details of the Toppers**

Semester	Reg. No.	Name of the student	Percentage/CGPA
I	18HR1A0105	B.PAVAN KALYAN	83.88
II	18HR1A0105	B.PAVAN KALYAN	84.5
III	17HR1A0122	RAMISETTY NAGA HARICHANDANA	88.63
IV	17HR1A0122	RAMISETTY NAGA HARICHANDANA	78.78
V	16HR1A0117	GOTTAM MONIKA	84.63
VI	16HR1A0117	GOTTAM MONIKA	84.13
VII	15HR1A0127	P SARATH KUMAR	84.29
VIII	15HR1A0112	G BHAGYARAJ	95.78

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.



- Details of Internships participated by the students

Name of the Student	Title of the Internship	From	To	Company
A UMA DEVI	IOT BASED HOME AUTOMATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
C BHANU PRAKASH	IOT BASED HOME AUTOMATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
D P LAVANYA	IOT BASED HOME AUTOMATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
G RAVALI	IOT BASED HOME AUTOMATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
M PRASHANTH	IOT BASED HOME AUTOMATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
M HEMANTH KUMAR	IOT BASED HOME AUTOMATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
P GOWTHAMI	IOT BASED HOME AUTOMATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
R JAGADEESH BABU	IOT BASED HOME AUTOMATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES



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

Title of the event attended by the faculty	No of faculty attended
WORKSHOP ON " SKILL DEVELOPMENT AND ENTREPRENEURSHIP DEVELOPMENT"	05
A ONE DAY WORKSHOP ON TEACHERS - AUTHORITIES AND COLLEAGUES	01

- Number of FDPs/ Workshops/ Seminars organized for the teaching staff

Title of the Programme	No of faculty attended
A ONE DAY NATIONAL LEVEL WORKSHOP ON INTEGRATION OF RASPBERRY-PI USING IOT	09
FACULTY DEVELOPMENT ON NAAC AWARENESS	07

- Details of the Toppers

Semester	Reg. No.	Name of the student	Percentage/CGPA
I	18HR1A0221	GELASAM RAJESWARI	92.38
II	18HR1A0237	NEELA JAYANTHI	89.19
III	17HR1A0201	A M PRAHLLADA	86.88
IV	17HR1A0201	A M PRAHLLADA	78.00
V	16HR1A0201	ALLA DIVYA SREE	81.38
VI	16HR1A0201	ALLA DIVYA SREE	81.33
VII	15HR1A0211	CHINNAREDDIGARI SANDHYA	84.25
VIII	15HR1A0213	DONTHI VAMSHI KRISHNA	93.40



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 Value added courses conducted during the Academic year

Title of the Course	Dept	Date(s)	Duration (HR)	No. of students enrolled
COMPUTER NUMERICAL CONTROL PROGRAMMING	ME	18.12.2018 to 23.12.2018	30	64
HYPERMESH	ME	17.12.2018 to 22.12.2018	30	49
PRO ENGINEER	ME	17.12.2018 to 22.12.2018	30	54



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

Name of the Student	Title of the Internship	From	To	Company
A YUVARANI	ROBOTIC DESIGN	01-03-2018	05-04-2018	PAWAN EMPOWER SOLUTIONS
B G SAIMOHITH	ROBOTIC DESIGN	01-03-2018	05-04-2018	PAWAN EMPOWER SOLUTIONS
C ARAVIND	ROBOTIC DESIGN	01-03-2018	05-04-2018	PAWAN EMPOWER SOLUTIONS
J HEMANTH KUMAR	ROBOTIC DESIGN	01-03-2018	05-04-2018	PAWAN EMPOWER SOLUTIONS
K NARESH	ROBOTIC DESIGN	01-03-2018	05-04-2018	PAWAN EMPOWER SOLUTIONS
M MOHAN BABU	ROBOTIC DESIGN	01-03-2018	05-04-2018	PAWAN EMPOWER SOLUTIONS
P NARENDRA	ROBOTIC DESIGN	01-03-2018	05-04-2018	PAWAN EMPOWER SOLUTIONS
S ADAM	ROBOTIC DESIGN	01-03-2018	05-04-2018	PAWAN EMPOWER SOLUTIONS

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

Name of the Staff	Dept	Title of the paper	Name of the Journal	ISSN number
SATHISH KUMAR V S	ME	MECHANIZATION OF BRICKS MANUFACTURING	IJAIR	2278-7844
DR. M.LAKSHMI KANTH REDDY	ME	DESIGN AND FE ANALYSIS OF HYBRID MOTOR CYCLE HELMET	IJIRAE	2349-2163
K.RAJESH KUMAR	ME	DEVELOPMENT AND EXPERIMENTAL INVESTIGATION OF MECHANICAL AND MICROSTRUCTURAL BEHAVIOUR OF WELDED DUAL PHASE STEELS (DPS)	IJIRAE	2349-2163
K.RAJESH KUMAR	ME	EXPERIMENTAL ANALYSIS OF WELDED (SMAW) IS 2062 MILD STEEL MATERIAL BY NON DESTRUCTIVE	JETIR	2349-5138

- **Number 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 TEACHERS - AUTHORITIES AND COLLEAGUES	04
WORKSHOP ON " SKILL DEVELOPMENT AND ENTREPRENEURSHIP DEVELOPMENT"	01

- Number of FDPs/ Workshops/ Seminars organized for the teaching staff

Title of the Programme	No of faculty attended
A FIVE DAY PROFESSIONAL DEVELOPMENT PROGRAMME ON ADVANCES IN INDUSTRIAL METROLOGY	11
FACULTY DEVELOPMENT ON NAAC AWARENESS	07



- Details of the Toppers

Semester	Reg. No.	Name of the student	Percentage/CGPA
I	18HR1A0311	GUDISINTI POORNACHANDU	80.14
II	18HR1A0311	GUDISINTI POORNACHANDU	84.63
III	17HR1A0339	P BABU REDDY	86.04
IV	17HR1A0339	P BABU REDDY	79.33
V	16HR1A0321	K YUGANDHAR REDDY	86.38
VI	16HR1A0313	D DURGAPRASAD	82.13
VII	16HR1A0321	K YUGANDHAR REDDY	78.67
VIII	16HR1A0339	THALARI RAMESH BABU	78.44

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.

• Details of Value added courses conducted during the Academic year

Title of the Course	Dept	Date(s)	Duration (Hr)	No. of students enrolled
CELLULAR AND MOBILE COMMUNICATION	ECE	11.06.2018 to 16.06.2018	30	90
MATLAB PROGRAMMING	ECE	11.06.2018 to 16.06.2018	30	102
MATLAB PROGRAMMING	ECE	17.12.2018 to 22.12.2018	30	105
VLSI DESIGN AND SIMULATION	ECE	18.06.2018 to 23.06.2018	30	103
CELLULAR AND MOBILE COMMUNICATION	ECE	18.06.2018 to 23.06.2018	30	91

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

Name of the Student	Title of the Internship	From	To	Company
A S PRIYANKA	WIRELESS & MOBILE COMMUNICATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
B VIJAYA KUMARI	WIRELESS & MOBILE COMMUNICATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
B MAHITHA	WIRELESS & MOBILE COMMUNICATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
C ALEKHYA	WIRELESS & MOBILE COMMUNICATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
C LATHA	WIRELESS & MOBILE COMMUNICATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
G LAKSHMI	WIRELESS & MOBILE COMMUNICATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
G M RAJESWARI	WIRELESS & MOBILE COMMUNICATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
D YASHWANTH KUMAR	WIRELESS & MOBILE COMMUNICATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
J POOJITHA	WIRELESS & MOBILE COMMUNICATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
K PRABHAKAR	WIRELESS & MOBILE COMMUNICATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
K MANJUNATHA	WIRELESS & MOBILE COMMUNICATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
K NAVEENA	WIRELESS & MOBILE COMMUNICATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES
P KISHORE	WIRELESS & MOBILE COMMUNICATION	19-02-2018	31-03-2018	LUMSENSE TECHNOLOGIES



- List of Papers Published by the staff in journals

Name of the Staff	Dept	Title of the paper	Name of the Journal	ISSN
R JAHAVI	ECE	RFID BASED ATTENDANCE REPORT OF STUDENTS USING GUI APP	IJRAR	2456-3315

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

Title of the Programme	No of faculty attended
WORKSHOP ON AWARENESS ON DIGITIZATION AND SIGNIFICANCE	03
A ONE DAY WORKSHOP ON TEACHERS - AUTHORITIES AND COLLEAGUES	05
WORKSHOP ON " SKILL DEVELOPMENT AND ENTREPRENEURSHIP DEVELOPMENT"	01

- Number of FDPs/ Workshops/ Seminars organized for the teaching staff

Title of the Programme	No of faculty attended
A TWO DAY NATIONAL LEVEL WORKSHOP ON PCB DESIGN AND SOFTWARE"S	17
A FIVE DAY PROFESSIONAL DEVELOPMENT PROGRAM ON HANDS ON TRAINING ON ROBOTICS	24
A FIVE DAY PROFESSIONAL DEVELOPMENT PROGRAM ON ADVANCED VLSI DESIGN USING CADENCE TOOL	16

- Details of the Toppers

Semester	Reg. No.	Name of the student	Percentage/CGPA
I	18HR1A04A5	V S CHAITHANYA	91.13
II	18HR1A0464	MAHAMMAD FAIZAN	90.25
III	17HR1A0483	T THILOKCHAND	91.38
IV	18HR5A0416	PEDDAKOTLA PRASANNA LAKSHMI	82.11
V	16HR1A0497	SINDHU P	83.88
VI	16HR1A0442	K AKHILA	84.50
VII	15HR1A0413	C UMA PRIYA	86.50
VIII	15HR1A0425	G JYOTHSNA	87.80

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.

• Details of Value added courses conducted during the Academic year

Title of the Course	Dept	Date(s)	Duration (HR)	No. of students enrolled
UNIX PROGRAMMING	CSE	10.12.2018 to 15.12.2018	30	113
PYTHON PROGRAMMING	CSE	13.08.2018 to 18.08.2018	30	117
DATA SCIENCE AND BIG DATA ANALYTICS	CSE	06.08.2018 to 10.08.2018	30	116



• **Details of Internships participated by the students 17-18**

Name of the Student	Title of the Internship	From	To	Company
G.BHARGHAVI	TYPOGRAPHY	12-02-2018	31-03-2018	INFOZIAN IT SOLUTIONS
G.MEENA	TYPOGRAPHY	12-02-2018	31-03-2018	INFOZIAN IT SOLUTIONS
K.PAVAN KUMAR	TYPOGRAPHY	12-02-2018	31-03-2018	INFOZIAN IT SOLUTIONS
M. RUKSAR TABASSUM	TYPOGRAPHY	12-02-2018	31-03-2018	INFOZIAN IT SOLUTIONS
N SOMA SEKHAR NAIDU	TYPOGRAPHY	12-02-2018	31-03-2018	INFOZIAN IT SOLUTIONS
P SALMAN	TYPOGRAPHY	12-02-2018	31-03-2018	INFOZIAN IT SOLUTIONS
A SRILATHA	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
B VINUTHA	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
C BHARATH RAJ	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
C YASHASWINI	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
G SANDEEP	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
G MOUNIKA	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
A HARITHA	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
A SIREESHA	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
B PRIYANKA	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
B SANJAY KUMAR	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
C SUFIYA BHANU	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS

D YASHWANTH KUMAR	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
G S P KRISHNA	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
G SARANKUMAR	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
K CHETAN	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
K HEMALATHA	WIRELESS SENSOR NETWORK	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
B DILLI BABBU	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
B PRAMOD	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
D HARISH	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
G SRAVANTHI	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
J JITHENDRA BABU	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
K E S BHAVANA	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
K HAREESH KUMAR	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
M MONIKA	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
M BARGHAVI	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
M HARINATH REDDY	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
M VIJAY KUMAR	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
P HEMAVATHI	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
P GANESH	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
R PRATHIBHA	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
S SUMIYA	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
T SREEJA	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
Y DILLIROJA	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS
Z J RASHMITHA	NETWORK SIMULATOR	22-01-2018	04-03-2018	GRACE SOFTSOLUTIONS

- List of Papers Published by the staff in journals

Name of the Staff	Dept	Title of the paper	Name of the Journal	ISSN number
M.S.VANI	CSE	QDA:A QUERY DRIVEN APPROACH TO ENTITY RESOLUTION	IJSDR	2455-2631
B. RAJESH	CSE	KEY AGGREGATE CRYPTOSYSTEM FOR SCALABLE DATA DISTRIBUTION IN CLOUD STORAGE	IJARCE	2319 5940
R. OBULAKONDA REDDY	CSE	DEVELOP DYNAMIC FILE BLOCK LEVEL OPERATIONS OF CLOUD COMPUTING SYSTEMS	IJARCE	2319 5940
DR. G. RAMA SUBBA REDDY	CSE	THE STUDY OF LAYERS AND SECURITY ISSUES IN IOT FOR HOME AUTOMATION APPLICATIONS	JETIR	2349-5162
C. REDDINEELIMA	CSE	CATCHING THE MISBEHAVIOR OF THE CLOUD USING RANKED KEYWORD SEARCH	IJSDR	0022-2313
R.SATEESH	CSE	MEDICAL DATA COLLECTION AND SHARING IN A PRIVACY AND SECURE WAY BY USING CLOUDLET	IJSDR	2349-5162
R.SATEESH	CSE	MICRO-BLOG MESSAGE BASED INTERESTING KEY TERMS IDENTIFICATION	IJRTI	2455-2631
DR. G. RAMA SUBBA REDDY	CSE	AUTOMATED IMAGE COLORIZATION WITH COMPUTATION OF IMAGE COLOURFULNESS	JETIR	2456-3315
SATHISH KUMAR V	CSE	WHEEL CHAIR AUTOMATOR	JETIR	2456-3315



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

Title of the Programme	No of faculty attended
THREE DAY INTERNATIONAL CONFERENCE ON COGNITIVE SCIENCE AND ARTIFICIAL INTELLIGENCE	01
WORKSHOP ON " SKILL DEVELOPMENT AND ENTREPRENEURSHIP DEVELOPMENT"	01
A ONE DAY WORKSHOP ON TEACHERS - AUTHORITIES AND COLLEAGUES	03
A ONE DAY WORKSHOP ON ANDROID APPLICATION DEVELOPMENT	07

- Details of the Toppers

Semester	Reg. No.	Name of the student	Percentage/CGPA
I	18HR1A05A0	T SWETHA	91.63
II	18HR1A0528	G SOUMYA SREE	90.5
III	17HR1A0593	T BHARATH KUMAR	86.63
IV	17HR1A0512	CHILEKAMPALLE SAI NAGALAKSHMI	80.22
V	16HR1A0570	PANDIPATI NAGASAMPRIITHA	90.13
VI	16HR1A0570	PANDIPATI NAGASAMPRIITHA	83.89
VII	15HR1A05A1	T.D.LAKSHMIPRASANNA	86.13
VIII	15HR1A05A1	T.D.LAKSHMIPRASANNA	91.80



DEPARTMENT OF SCIENCE AND HUMANITIES

- Details of Value added courses conducted during the Academic year

Title of the Course	Dept	Date(s)	Duration (HR)	No. of students enrolled
APPLICATIONS OF DIFFERENTIATION AND INTEGRATION	H&S	23.07.2018 TO 27.07.2018	30	361

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

Title of the Programme	No of faculty attended
WORKSHOP ON AWARENESS ON DIGITIZATION AND SIGNIFICANCE	08
WORKSHOP ON " SKILL DEVELOPMENT AND ENTREPRENEURSHIP DEVELOPMENT"	03
A ONE DAY WORKSHOP ON TEACHERS - AUTHORITIES AND COLLEAGUES	07

- 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	13.06.2018	1579
TRAINING ON APTITUDE PART-I	13.06.2018	1119
TRAINING ON TECHNICAL PART-I	13.06.2018	890
TRAINING ON COMMUNICATION SKILLS PART-I	13.06.2018	1478
TRAINING ON REASONING PART-II	27.12.2018	1192
TRAINING ON APTITUDE PART-II	27.12.2018	416
TRAINING ON TECHNICAL PART-II	27.12.2018	609
TRAINING ON COMMUNICATION SKILLS PART-II	27.12.2018	820
PHYSICAL FITNESS (GYM)	06.08.2018	118
ICT INFRASTRUCTURE AND SERVICES	18.09.2018	108

- Number of FDPs/ Workshops/ Seminars organized for the teaching staff

Title of the Programme	No of faculty attended
A ONE DAY NATIONAL LEVEL WORKSHOP ON APPLICATION OF DIFFERENTIATION	14

- Workshops/ Seminar details attended by the non-teaching staff

Title of the Programme	Date	No. of staff attended
A ONE DAY PROFESSIONAL DEVELOPMENT PROGRAMME "VARIOUS SOFTWARES AND OS INSTALLATIONS"	07-02-2018	07

- List of Papers Published by the staff in journals

Name of the Staff	Title of the paper	Name of the Journal	ISSN
DR. C.S. DWARAKA VISWANATH	OPTICAL AND RADIATIVE PROPERTIES OF SM3+IONS ACTIVATED ALKALI-BISMUTHGERMANATE GLASSES	ELSEVIER	2349-5162



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

Name Of The Workshop/ Seminar	Number Of Participants	From	To
BLOCK CHAIN TECHNOLOGY	43	16-02-2018	16-02-2018
CELL FILLED PAVEMENTS	46	06-04-2018	06-04-2018
OPTIMIZATION TECHNIQUES IN POWER SYSTEMS AND POWER ELECTRONICS FOR POWER QUALITY	50	05-02-2018	10-02-2018
CHALLENGES IN MECHANICAL ENGINEERING: GREEN COMPOSITES	32	12-02-2018	17-02-2018
ADOBE PHOTOSHOP TRAINING	129	03-03-2018	08-03-2018
CNC PROGRAMMING AND MACHINING	45	05-03-2018	10-03-2018
FEKO SOFTWARE	103	05-03-2018	10-03-2018
APPLICATIONS DIFFERENTIATION	150	20-03-2018	24-03-2018
INNOVATIVE THINKING	150	15-10-2018	15-10-2018
A COMPACT BROADBAND FREQUENCY SELECTIVE MICROSTRIP ANTENNA AND ITS APPLICATIONS	130	19-12-2018	19-12-2018
UNDERSTANDING AUTOMOTIVE INDUSTRY	45	11-12-2018	11-12-2018
INFRARED PLASTIC SOLAR CELL	58	03-08-2018	03-08-2018
CRYPTO CURRENCY	158	11-10-2018	11-10-2018
NOISE CONTROL OF BUILDINGS	40	14-05-2018	14-05-2018
GREEN BUILDINGS	40	14-12-2018	14-12-2018
AUTONOMOUS CAR DESIGN	44	20-08-2018	25-08-2018
SCIENTIFIC INJECTION MOULDING PROCESS WITH PLASTIC MATERIALS	54	24-09-2018	29-09-2018
PYTHON PROGRAMMING	139	03-10-2018	08-10-2018
NANO ELECTRONIC DEVICES : FINFET & TUNNEL FET	120	07-10-2018	12-10-2018
PRIMAVERA SOFTWARE	62	08-10-2018	13-10-2018
RECENT TRENDS IN RENEWABLE ENERGY	55	12-11-2018	16-11-2018
VALUE EDUCATION IN TODAY SCENARIO	150	19-11-2018	24-11-2018



- Campus Placements details in the Academic Year**

Name & Details of the company	No. of Students placed
HEXAWARE	11
TCS	1
AKSHITHA INFRA	13
TECHNOSOFT	22
ONEGENE	7
POWERICA	18
WIPRO	22
SAVANTIS	19
MULTIPLIER IT SOLUTIONS	4
SUTHERLAND GLOBAL SERVICE	21
RIALTO	19
RAJGURU SPINNING MILLS	4
IKS HEALTH	9
TOPPR TECHNOLOGIES	1
KARVY	24
WONJIN AUTO PARTS	8

ABC CONSULTING	40
AKSHITHA INFRA	36
ALLSEC TECHNOLOGIES	54
AMARARAJA GROUP	22
AUTOMOTIVE MANUFACTURERS,	45
CGI	32
CODEMANTRA	28
CTS	23
EOS GLOBE	56
EXOTIC DOORS AND FLOORS	26
GLOBE ACTIVE ENGINEERS	27
HEXAWARE	38
HGS	69



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

Name of the activity	Date of the activity
KABADDI	19.09.2018
VOLLEYBALL	19.09.2018
RUNNING	20.09.2018
CHESS	20.09.2018
BADMINTON	20.09.2018
CRICKET	21.09.2018
BASKETBALL	21.09.2018
CAROMS	21.01.2018
CHESS	22.01.2018
CRICKET	23.01.2018
BADMINTON	24.01.2018
VOLLEYBALL	26.01.2018
THROWBALL	26.01.2018

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

Title of the event	Date	No. of students participated
AWARENESS PROGRAM IMPORTANCE OF ROAD SAFETY	23.08.2018	78
ONAM	25.08.2018	129
DIWALI	06.11.2018	132
CHRISTMAS	23.12.2018	78
PROFESSIONAL DEVELOPMENT OF WOMEN	19.09.2018	123
ENLIGHTEN POSITION OF WOMEN	18.10.2018	72
MOTIVATING VILLAGES ON IMPORTANCE OF EDUCATION	15.01.2018	72
MOTIVATING VILLAGES FOR CONSTRUCTION OF TOILETS	15.02.2018	129
INTERNATIONAL YOGA DAY	21.06.2018	132

SANKRANTHI	12.01.2018	230
HOLI	01.03.2018	245
INTERNATIONAL WOMENS DAY	08.03.2018	123
INTERNATIONAL YOGA DAY	21.06.2018	97
BETI BACHAYO BETI PADHAVO	23.02.2018	129

- Extension and outreach programmes organized**

Title the activity	Number of students participated
CHALLENGES GIRLS FACING IN SOCIETY	33
VACCINATION & ITS ROLE IN PUBLIC HEALTH	38
ROLE OF WOMEN IN MODERN SOCIETY	42
CANCER AWARENESS PROGRAM	45
AWARENESS ON SMOKING & ITS HARMFUL USES	31
VILLAGE HOUSE HOLD SURVEY	91
GRAMSABHA IN KALLUPALLE	46
HEALTH BENEFITS OF YOGA	85
RURAL DEVELOPMENT THROUGH LITERACY	107
ENERGY SAVING & PROMOTING RENEWABLE ENERGY	89
ORIENTATION PROGRAM FOR FRESHER'S	198
GO FOR AFORESTATION	43
BLOOD DONATION CAMP	117
AWARENESS ON CYBER CRIMES	119
30th ROAD SAFETY PROGRAM	392
WOMENS DAY CELEBRATION	81



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

Date of the activity	Name of the activity
DANCE (CLASSIC)	18.01.2018
SINGING	18.01.2018
CLASSICAL SOLO (INDIAN)	18.01.2018
WESTERN SOLO	18.01.2018
SPEECH COMPETITION (INDEPENDENCE DAY)	10.08.2018
PATRIOT SONGS COMPETITION (INDEPENDENCE DAY)	10.08.2018
DRAMA	19.01.2018
PAINTING	19.01.2018
BAND TEAM WESTREN(GROUP)	19.01.2018
ANCHORING	19.01.2018