

Counselling Code : MTEC	Estd : 1999	JNTUH College Code : 86
 MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY (Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad) P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State. Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.		

DISPLAY VISION,MISSION, PO's, PEO's, PSO's &CO's

s.no	description	Page.no
1	Display OF Vision ,Mission In College Brochure	2
2	Display OF Vision ,Mission In CEO Room	3
3	Display Of Vision ,Mission In Outside Board Room	4
4	Display OF Vision ,Mission & PSO In Corridors	5
5	Display OF Vision ,Mission & PSO Seminar Hall	6
6	Display OF Vision ,Mission & PSO In Library	7
7	Display OF Vision ,Mission & PSO,PEO'S ,PO In Respective Department Staff Room	9-24
8	Display OF Vision ,Mission & PSO,PEO'S ,PO In Institutions Website	25-30
9	Display CO's And PO In Lab	31-33
10	Display PO In Lab Record	34-40

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Display OF Vision, Mission In College Brochure

VISION

Fostering a culture of educational excellence, empowering engineers through innovation and collaboration for a brighter, sustainable future

MORE INFORMATION

 mtec.86@gmail.com

 8728223844

 www.mtec86.ac.in

MISSION

M1: To provide high-quality education that equips engineers with the knowledge and skills to excel in a rapidly changing technological landscape.
M2: To encourage innovation through research and practical applications, promoting a spirit of creativity and problem-solving.
M3: To foster collaboration by building strong partnerships with industry, academia, and the community to address real-world challenges.
M4: To instill a sense of responsibility for sustainability and environmental awareness, preparing engineers to contribute to a greener, more sustainable future

philosophy

Our College Has Endeavored To Ensure Quality Education And Has Ever Since Been Excelling In Every Aspect. The Brisk Of This Able Of Institute Are The Experience Faculty, The Selfless Non-Teaching Staff And Of Course The Students.



Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



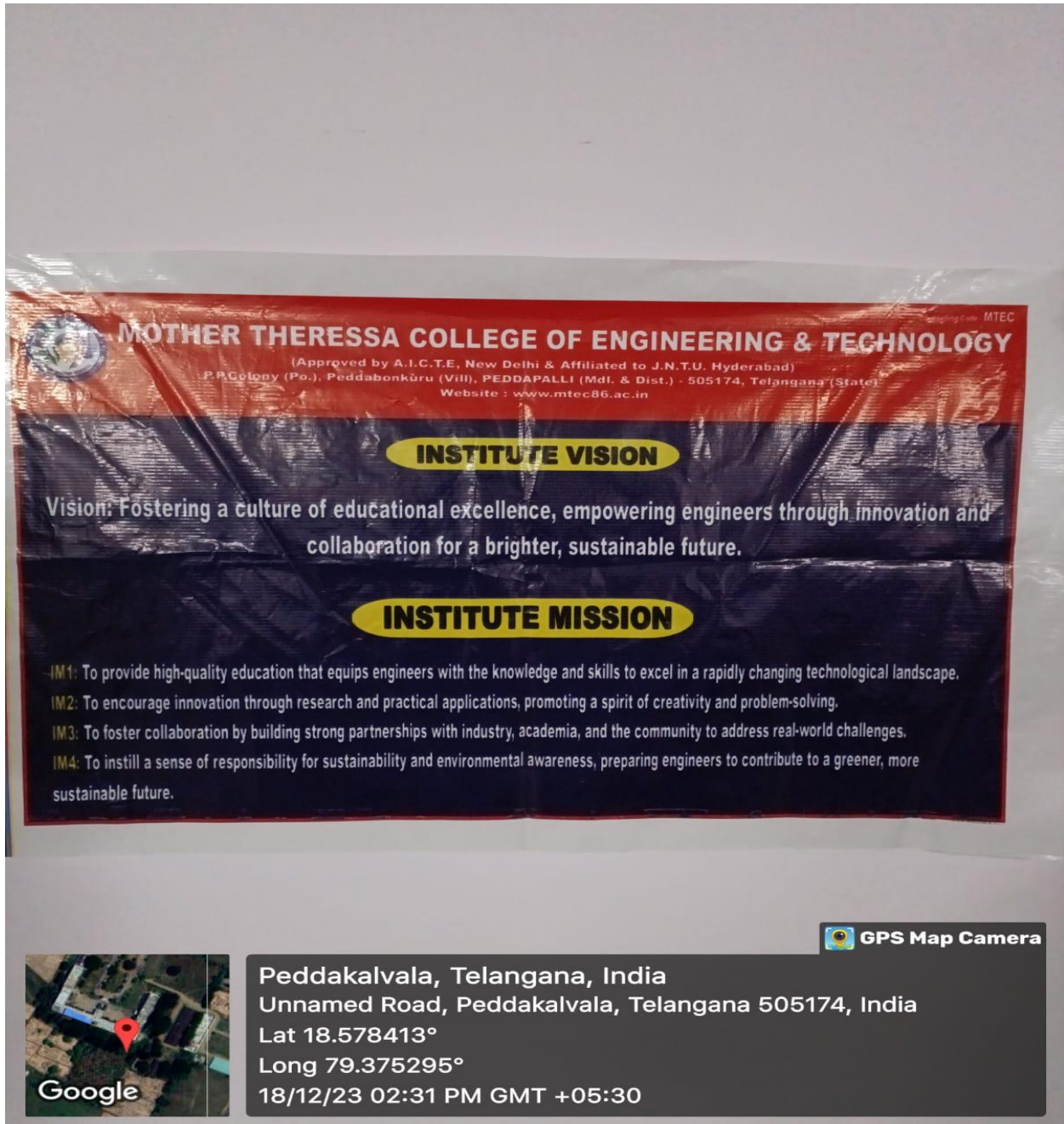
MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Display OF Vision, Mission in CEO Room



Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JNTUH College Code : 86 Counselling Code : MTEC

MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U, Hyderabad)
P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana (State)
Website : www.mtec86.ac.in

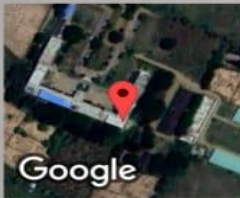
Estd : 1999

INSTITUTE VISION

Vision: Fostering a culture of educational excellence, empowering engineers through innovation and collaboration for a brighter, sustainable future.

INSTITUTE MISSION

IM1: To provide high-quality education that equips engineers with the knowledge and skills to excel in a rapidly changing technological landscape.
IM2: To encourage innovation through research and practical applications, promoting a spirit of creativity and problem-solving.
IM3: To foster collaboration by building strong partnerships with industry, academia, and the community to address real-world challenges.
IM4: To instill a sense of responsibility for sustainability and environmental awareness, preparing engineers to contribute to a greener, more sustainable future.



Google

GPS Map Camera

Peddakalvala, Telangana, India

Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalvala, Telangana 505174, India

Lat 18.578643°

Long 79.3754°

14/12/23 12:41 PM GMT +05:30

Display Of Vision ,Mission In Outside Board Room

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86

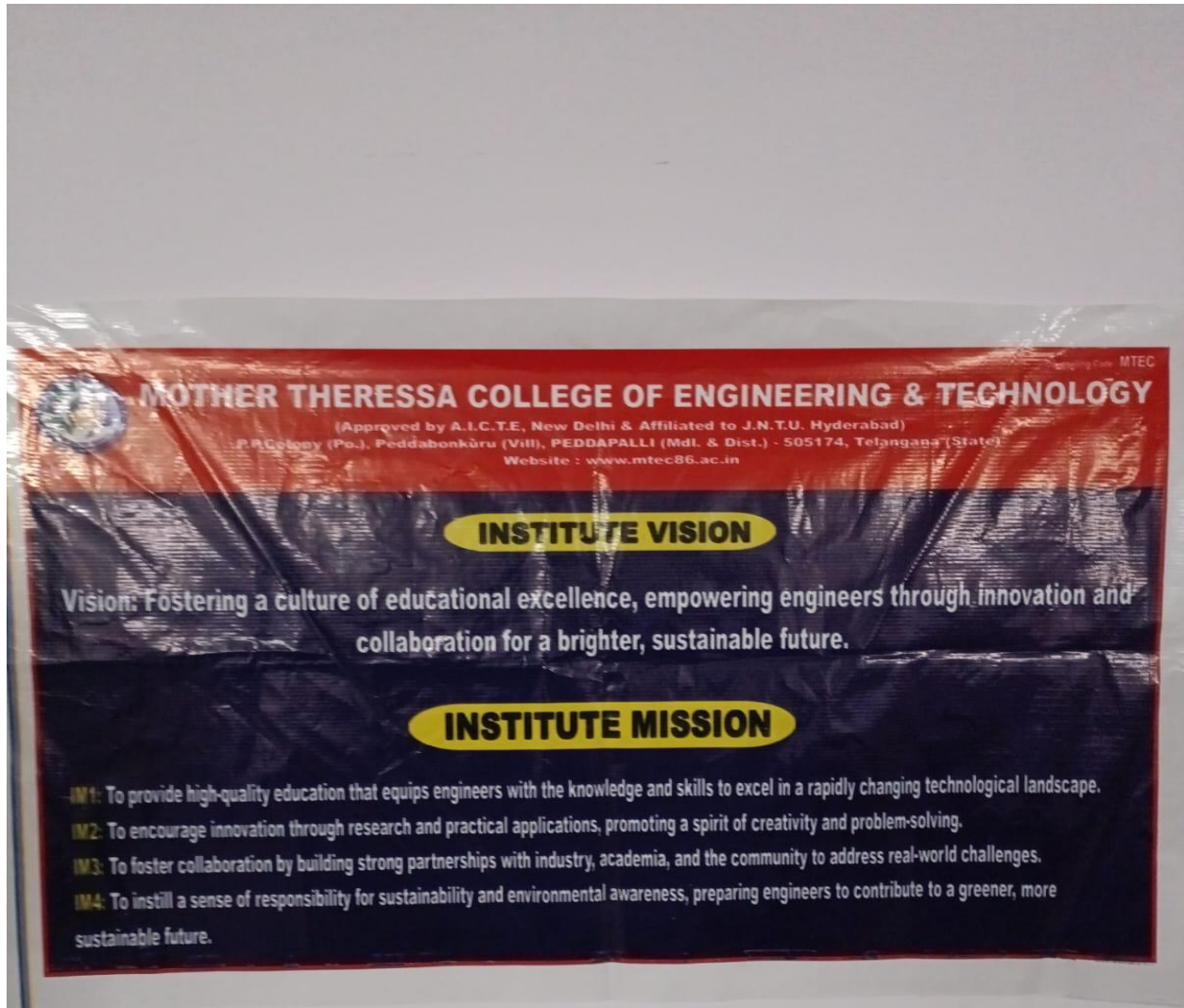


MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in

INSTITUTE VISION

Vision: Fostering a culture of educational excellence, empowering engineers through innovation and collaboration for a brighter, sustainable future.

INSTITUTE MISSION

- IM1: To provide high-quality education that equips engineers with the knowledge and skills to excel in a rapidly changing technological landscape.
- IM2: To encourage innovation through research and practical applications, promoting a spirit of creativity and problem-solving.
- IM3: To foster collaboration by building strong partnerships with industry, academia, and the community to address real-world challenges.
- IM4: To instill a sense of responsibility for sustainability and environmental awareness, preparing engineers to contribute to a greener, more sustainable future.



Google

 GPS Map Camera

Peddakalvala, Telangana, India
Unnamed Road, Peddakalvala, Telangana 505174, India
Lat 18.578413°
Long 79.375295°
18/12/23 02:31 PM GMT +05:30

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Display OF Vision , Mission Seminar Hall

MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY
(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)
P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana (State)
Website : www.mtec86.ac.in

INSTITUTE VISION

Vision: Fostering a culture of educational excellence, empowering engineers through innovation and collaboration for a brighter, sustainable future.

INSTITUTE MISSION

IM1: To provide high-quality education that equips engineers with the knowledge and skills to excel in a rapidly changing technological landscape.
IM2: To encourage innovation through research and practical applications, promoting a spirit of creativity and problem-solving.
IM3: To foster collaboration by building strong partnerships with industry, academia, and the community to address real-world challenges.
IM4: To instill a sense of responsibility for sustainability and environmental awareness, preparing engineers to contribute to a greener, more sustainable future.

GPS Map Camera

Peddakalvala, Telangana, India
Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalvala, Telangana 505174, India
Lat 18.578643°
Long 79.3754°
14/12/23 12:41 PM GMT +05:30

Google


Counselling Code : **MTEC** Estd : **1999** JNTUH College Code : **86**



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY
 (Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)
 P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.
 Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Display OF Vision, Mission & PSO, PEO’S, PO In Respective Department Staff Room

Electronic And Communication Engineering



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY
 (Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)
 P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana (State)
 Website: www.mtec86.ac.in

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

VISION

Equipping Electronics and Communication Engineers with exceptional educational opportunities, nurturing innovation, and advocating collaborative excellence in order to construct circuits and contribute to a sustainable, interconnected future

MISSION

DM1: To deliver exceptional education that equips Electronics and Communication Engineers with the knowledge and skills to thrive in an ever-evolving technological landscape.
 DM2: To foster innovation through research and practical applications, cultivating a culture of creativity and effective problem-solving within the field of Electronics and Communication.
 DM3: To promote collaboration by establishing robust partnerships with industry, academia, and the community, addressing real-world challenges and enhancing the ECE domain's development.
 DM4: To instill a strong sense of responsibility for sustainability and environmental awareness, preparing Electronics and Communication Engineers to actively contribute to a greener, more sustainable future within their field.

GPS Map Camera

Peddakalvala, Telangana, India
 Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalvala,
 Telangana 505174, India
 Lat 18.578694°
 Long 79.374485°
 18/12/23 02:20 PM GMT +05:30

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JNTUH College Code: 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

Counselling Code : MTEC

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Estd : 1999

Website : www.mtec86.ac.in

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

DEPARTMENT PSO's

Program-Specific Objective 1: Students will gain expertise in sustainable energy sources, power generation, and distribution systems. They will understand the importance of renewable energy and energy-efficient technologies, including solar, wind, and energy storage systems.

Program-Specific Objective 2: Graduates will be capable of designing and implementing energy-efficient power systems and contribute to reducing the environmental impact of electrical energy generation.

DEPARTMENT PEO's

PEO1: To produce graduates who are well-equipped with the knowledge and skills in Electrical and Electronics Engineering to excel in a rapidly changing technological landscape.

PEO2: To promote innovation through research and practical applications, nurturing a culture of creativity and effective problem-solving within the field of Electrical and Electronics Engineering.

PEO3: To develop professionals who can actively engage in collaboration with industry, academia, and the community, addressing real-world challenges and contributing to the growth and development of the Electrical and Electronics domain.

PEO4: To instill in our graduates a strong sense of responsibility for sustainability and environmental awareness, empowering them to actively contribute to a greener, more sustainable future within the field of Electrical and Electronics Engineering, aligning with the department's mission and goals.

 GPS Map Camera



Google

Peddakalvala, Telangana, India

Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalvala, Telangana 505174, India

Lat 18.578811°

Long 79.37452°

18/12/23 02:16 PM GMT +05:30

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in

Estd : 1999

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

DEPARTMENT PSO's

Program-Specific Objective 1: Students will gain expertise in sustainable energy sources, power generation, and distribution systems. They will understand the importance of renewable energy and energy-efficient technologies, including solar, wind, and energy storage systems.

Program-Specific Objective 2: Graduates will be capable of designing and implementing energy-efficient power systems and contribute to reducing the environmental impact of electrical energy generation.

DEPARTMENT PEO's

PEO1: To produce graduates who are well-equipped with the knowledge and skills in Electrical and Electronics Engineering to excel in a rapidly changing technological landscape.

PEO2: To provide professional and effective

PEO3: To develop a strong community, Electrical and

PEO4: To in



Peddakavala Telangana, India

Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalvala, Telangana 505174

Lat:18°34'44.8"N

Long:79°22'29.6"E

Google

12/20/2023 11:20 AM GMT +5:30

GPS Map Camera

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana (State)

Website : www.mtec86.ac.in

Estd : 1999

Counselling Code : MTEC

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

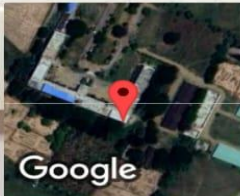
VISION

Equipping Computer Science Engineers in all domains with the necessary skills for success through exceptional education, innovation, and collaborative excellence, all in the pursuit of a sustainable and technologically advanced future

MISSION

- M1: To deliver high-quality education that equips Computer Science Engineers with the knowledge and skills needed to excel in a rapidly evolving technological landscape.
- M2: To promote innovation through research and practical applications, nurturing a culture of creativity and effective problem-solving within the domain of Computer Science Engineering.
- M3: To cultivate collaboration by forging strong partnerships with industry, academia, and the community to address real-world challenges, thus enhancing the growth and development of Computer Science Engineering.
- M4: To instill a profound sense of responsibility for sustainability and environmental awareness, preparing Computer Science Engineers to actively contribute to a greener, more sustainable future, in line with their field's advancements.

 GPS Map Camera



Peddakalvala, Telangana, India

Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalvala, Telangana 505174, India

Lat 18.57859°

Long 79.375364°

18/12/23 02:01 PM GMT +05:30

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JNTUH College Code: 86

Counselling Code : MTEC



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in

Estd : 1999

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

DEPARTMENT PSO's

Program Specific Objective 1: "Enable Computer Science Engineering graduates to leverage their knowledge in computer science and engineering fundamentals to develop innovative solutions for real-world computational challenges, fostering a culture of problem-solving and creativity."

Program Specific Objective 2: "Equip graduates with the skills and ethical principles to contribute to the development of advanced technology and its responsible use in society, emphasizing the importance of professional ethics and societal responsibilities in the field of Computer Science Engineering."

DEPARTMENT PEO's

PEO1: To produce graduates who are well-equipped with the knowledge and skills in Computer Science Engineering to excel in a rapidly evolving technological landscape.

PEO2: To foster innovation through research and practical applications, nurturing a culture of creativity and effective problem-solving within the domain of Computer Science Engineering.

PEO3: To develop professionals who can actively engage in collaboration with industry, academia, and the community, addressing real-world challenges and contributing to the growth and development of Computer Science Engineering.

PEO4: To instill in our graduates a strong sense of responsibility for sustainability and environment.



Peddakalvala, Telangana, India

Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalvala, Telangana 505174, India

Lat 18.578541°

Long 79.375071°

18/12/23 02:05 PM GMT +05:30

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana (State)

Website : www.mtec86.ac.in

Estd : 1999

Counselling Code : MTEC

DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

VISION

Fostering a sustainable and technologically advanced future by promoting educational excellence, innovation, and collaborative excellence for Computer Science and Information Technology engineers' empowerment.

MISSION

- M1: To deliver high-quality education that equips Computer Science and Information Technology professionals with the knowledge and skills to excel in a rapidly changing technological landscape.
- M2: To foster innovation through research and practical applications, nurturing a culture of creativity and effective problem-solving within the field of Computer Science and Information Technology.
- M3: To promote collaboration by establishing strong partnerships with industry, academia, and the community to address real-world challenges in the Computer Science and Information Technology domain.
- M4: To instill a profound sense of responsibility for sustainability and environmental awareness, preparing Computer Science and Information Technology professionals to actively contribute to a greener, more sustainable future within their field.



Google

GPS Map Camera

Peddakalvala, Telangana, India

Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalvala, Telangana 505174, India

Lat 18.578584°

Long 79.375198°

18/12/23 02:23 PM GMT +05:30

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JNTUH College Code: 86

Counselling Code : MTEC



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in

Estd : 1999

DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

DEPARTMENT PSO's

Program Specific Objective 1 (PSO1): "Empower graduates in Computer Science to excel in software development, data analysis, and artificial intelligence, equipping them to create innovative solutions to complex computational challenges."

Program Specific Objective 2 (PSO2): "Enable graduates in Information Technology to specialize in IT infrastructure, cybersecurity, and network management, ensuring that they can design and implement secure, efficient, and scalable technology solutions for organizations."

DEPARTMENT PEO's

PEO1: To produce graduates who are well-equipped with the knowledge and skills in Computer Science and Information Technology to excel in a rapidly changing technological landscape.

PEO2: To foster innovation through research and practical applications, nurturing a culture of creativity and effective problem-solving within the field of Computer Science and Information Technology.

PEO3: To develop a strong professional community, address industry, academia, and the community, address industry, academia, and the community, address industry, academia, and the community.

PEO4: To instill in graduates a sense of social responsibility for sustainability and environmental awareness, empower graduates to create a greener, more sustainable future within the field of Computer Science.



Peddakavala Telangana, India

Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalvala, Telangana 505174

Lat:18°34'44.8"N

Long:79°22'29.6"E

12/20/2023 11:20 AM GMT +5:30

GPS Map Camera

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JNTUH College Code : 86



Estd : 1999

MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana (State)

Website : www.mtec86.ac.in

Counselling Code : MTEC

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (DATA SCIENCE)

VISION

Empowering Data Science Engineers through Educational Excellence, Innovation, and Collaborative Excellence for a Sustainable and Data-Driven Future.

Mission

- DM1: To deliver high-quality education that equips Computer Science and Data Science professionals with the knowledge and skills to excel in a rapidly changing technological landscape.
- DM2: To promote innovation through research and practical applications, fostering a culture of creativity and effective problem-solving within the fields of Computer Science and Data Science.
- DM3: To cultivate collaboration by establishing strong partnerships with industry, academia, and the community to address real-world challenges in the domains of Computer Science and Data Science.
- DM4: To instill a profound sense of responsibility for sustainability and environmental awareness, preparing Computer Science and Data Science professionals to actively contribute to a greener, more sustainable future while leveraging data to drive positive changes in society and the environment.



Google

GPS Map Camera

Peddakalvala, Telangana, India

Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalvala, Telangana 505174, India

Lat 18.578784°

Long 79.374685°

18/12/23 02:14 PM GMT +05:30

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JNTUH College Code: 86



Counselling Code : MTEC

MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in

Estd : 1999

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (DATA SCIENCE)

DEPARTMENT PSO's

Program-Specific Objective 1: Students will develop expertise in advanced data analysis techniques, including machine learning and statistical modeling. They will be proficient in using data analytics tools and methodologies to extract meaningful insights from complex datasets, and they will be able to build and deploy predictive models for real-world applications.

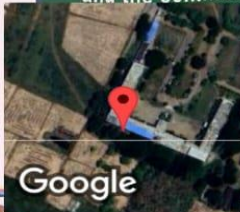
Program-Specific Objective 2: Graduates will have a strong foundation in handling and managing large volumes of data, including big data technologies and data engineering practices.

DEPARTMENT PEO's

PEO1: "Produce Computer Science Engineering graduates with expertise in Data Science, well-versed in computer science, statistical analysis, and data processing, enabling them to excel in the ever-changing tech landscape through data-driven problem-solving."

PEO2: "Cultivate innovation in our graduates, inspiring them to push the boundaries of Data Science through research, practical applications, and creative problem-solving, contributing to the advancement of data-driven technologies."

PEO3: "Nurture collaboration among our graduates by fostering partnerships with industry, academia, and the community, enabling them to engage in multidisciplinary projects and address real-world challenges."



Peddakalvala, Telangana, India

Peddabonkuru Village, Karimnagar, Jagtial Railway Line, Peddakalvala, Telangana 505174, India

Lat 18.578894°

Long 79.374587°

18/12/23 02:13 PM GMT +05:30

GPS Map Camera

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JNTUH College Code : 86 Counselling Code : MTEC



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)
P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana (State)
Website : www.mtec86.ac.in

std : 1999

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (CYBER SECURITY)

VISION

"Empowering Cyber Security Engineers through Educational Excellence, Innovation, and Collaborative Excellence for a Safer and More Secure Digital Future."

MISSION

- DM1: To deliver high-quality education that equips Computer Science and Cyber Security professionals with the knowledge and skills to excel in a rapidly changing technological landscape.
- DM2: To promote innovation through research and practical applications, fostering a culture of creativity and effective problem-solving within the field of Computer Science and Cyber Security.
- DM3: To cultivate collaboration by establishing strong partnerships with industry, academia, and the community to address real-world challenges in the Computer Science and Cyber Security domain.
- DM4: To instill a profound sense of responsibility for sustainability and environmental awareness, preparing Computer Science and Cyber Security professionals to actively contribute to a greener, more sustainable future within their field, while ensuring the security of digital systems and data.



Google

Peddakalvala, Telangana, India

Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalvala, Telangana 505174, India

Lat 18.578567°

Long 79.375058°

14/12/23 12:37 PM GMT +05:30

GPS Map Camera

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JNTUH College Code: 86

Counselling Code : MTEC



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in

Estd : 1999

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (CYBER SECURITY)

DEPARTMENT PSO's

Program-Specific Objective 1: Students will be able to develop and implement comprehensive cybersecurity strategies for organizations, taking into account risk assessment, threat modeling, and compliance with legal and regulatory requirements..

Program-Specific Objective 2: Students will be proficient in handling cybersecurity incidents and conducting digital forensics investigations.

DEPARTMENT PEO's

PEO1: To produce graduates who are well-equipped with the knowledge and skills in Computer Science and Cyber Security to excel in a rapidly changing technological landscape while ensuring the security of digital systems and data.

PEO2: To foster innovation through research and practical applications, nurturing a culture of creativity and effective problem-solving within the field of Computer Science and Cyber Security.

PEO3: To develop professionals who can actively engage in collaboration with industry, academia, and the community, addressing real-world challenges and contributing to the growth and development of the Computer Science and Cyber Security domain.

PEO4: To instill in our graduates a strong sense of responsibility for sustainability and environmental stewardship, contributing to a greener, more sustainable future, within the field of Computer Science and Cyber Security, in alignment with the department's mission and goals



Peddakalvala, Telangana, India

Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalvala, Telangana 505174, India

Lat 18.578935°

Long 79.374979°

18/12/23 02:08 PM GMT +05:30

GPS Map Camera

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana (State)

Website : www.mtec86.ac.in

Estd - 1999

Counselling Code : MTEC

DEPARTMENT OF MECHANICAL ENGINEERING

VISION

The Department of Mechanical Engineering is committed to fostering a culture of educational excellence, empowering engineers through innovation, and promoting collaboration to contribute to a brighter and sustainable future in all domains of mechanical engineering.

MISSION

- DM1: To provide a high-quality education that equips Mechanical Engineers with the knowledge and skills necessary to excel in a rapidly changing technological landscape.
- DM2: To foster innovation through research and practical applications, cultivating a culture of creativity and effective problem-solving within the field of Mechanical Engineering.
- DM3: To promote collaboration by establishing strong partnerships with industry, academia, and the community to address real-world challenges in the Mechanical Engineering domain.
- DM4: To instill a profound sense of responsibility for sustainability and environmental awareness, preparing Mechanical Engineers to actively contribute to a greener, more sustainable future within the field of Mechanical Engineering.



Google

GPS Map Camera

Peddakalvala, Telangana, India
Unnamed Road, Peddakalvala, Telangana 505174, India
Lat 18.578505°
Long 79.375266°
18/12/23 02:25 PM GMT +05:30

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JNTUH College Code: 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

Counselling Code : MTEC

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in

Estd : 1999

DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT PSO's

Program-Specific Objective 1: Students will be proficient in designing and optimizing advanced mechanical systems, including components and machinery, for a wide range of applications. They will acquire in-depth knowledge of cutting-edge design tools, materials, and manufacturing processes.

Program-Specific Objective 2: Graduates will be well-versed in sustainable engineering principles and green technologies. They will be capable of incorporating sustainability into mechanical engineering practices by designing energy-efficient systems, reducing waste, and minimizing the environmental impact of mechanical processes.

DEPARTMENT PEO's

PEO1: To produce graduates who are well-equipped with the knowledge and skills in Mechanical Engineering to excel in a rapidly changing technological landscape.

PEO2: To foster innovation through research and practical applications, nurturing a culture of creativity and effective problem-solving within the field of Mechanical Engineering.

PEO3: To develop professionals who can actively engage in collaboration with industry, academia, and the community, addressing real-world challenges and contributing to the growth and development of the

 GPS Map Camera



Peddakalvala, Telangana, India

Unnamed Road, Peddakalvala, Telangana 505174, India

Lat 18.57851°

Long 79.375257°

18/12/23 02:26 PM GMT +05:30

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JNTUH College Code : 86

Counselling Code : MTEC



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana (State)

Website : www.mtec86.ac.in

Estd : 1999

DEPARTMENT OF BUSINESS MANAGEMENT

VISION

Empowering Business Leaders across all industry sectors through Educational Excellence, Innovation, and Collaborative Excellence for a Sustainable and Enterprising Future.

MISSION

- DM1: To deliver high-quality education that equips future business leaders with the knowledge and skills to excel in a rapidly changing business landscape.
- DM2: To foster innovation through research and practical applications, promoting a culture of creativity and effective problem-solving within the field of business and management.
- DM3: To cultivate collaboration by establishing strong partnerships with industry, academia, and the community to address real-world business challenges.
- DM4: To instill a profound sense of responsibility for sustainability and environmental awareness, preparing MBA graduates to contribute to a greener, more sustainable business future in alignment with the evolving business landscape



Google

GPS Map Camera

Peddakalvala, Telangana, India

Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalvala, Telangana 505174, India

Lat 18.57863°

Long 79.375345°

18/12/23 01:59 PM GMT +05:30

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U. Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in

Estd : 1999

Counselling Code : MTEC

DEPARTMENT OF BUSINESS MANAGEMENT

DEPARTMENT PSO's

Program-Specific Objective 1: Graduates will develop strong leadership and decision-making skills, allowing them to analyze complex business problems, make strategic decisions, and effectively lead teams and organizations.

Program-Specific Objective 2: Students will gain the knowledge and skills necessary to navigate the global business landscape. They will develop cultural competence and adaptability to effectively work in diverse, international business environments..

DEPARTMENT PEO's

PEO1: To produce graduates who are equipped with the knowledge and skills necessary to excel as future business leaders in a dynamic and evolving business landscape.

PEO2: To foster a culture of creativity, effective problem-solving, and innovation among our graduates, with an emphasis on research and practical applications in the field of business and industry, academia,

PEO3: To develop graduates who are socially responsible and committed to the community, and the environment, and who are capable of contributing to the well-being of society.

PEO4: To instill in our graduates a sense of social responsibility, and a commitment to sustainability and environmental stewardship, and to prepare them for a more sustainable business future in alignment with the United Nations Sustainable Development Goals.



Peddakalava, Telangana, India

Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalava, Telangana 505174

Lat:18°34'44.8"N

Long:79°22'29.6"E

12/12/2023 11:20 AM GMT +5:30

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.



[Department Home](#)

[Vision & Mission](#)

[PO's, PEO's and PSO's](#)

[Course Outcomes](#)

[Head Of Department](#)

[CSE Laboratories](#)

[CSE – HOD Profile](#)

[Academic Performance](#)

[Faculty Profile](#)

[CSE – Faculty Profiles](#)

[Infrastructure](#)

[Innovative Methods](#)

PROGRAM OUTCOMES

- Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 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.
- 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
- 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.
- 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.
- 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.
- 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.
- Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- 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.
- 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.
- Life-long Learning:** Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.



[Department Home](#)

[Vision & Mission](#)

[PO's, PEO's and PSO's](#)

[Course Outcomes](#)

[Head Of Department](#)

[CSE Laboratories](#)

[PO's](#)

[PEO's](#)

[PSO's](#)

PE01: To produce graduates who are well-equipped with the knowledge and skills in Computer Science Engineering to excel in a rapidly evolving technological landscape.

PE02: To foster innovation through research and practical applications, nurturing a culture of creativity and effective problem-solving within the domain of Computer Science Engineering.

PE03: To develop professionals who can actively engage in collaboration with industry, academia, and the community, addressing real-world challenges and contributing to the growth and development of Computer Science Engineering.

PE04: To instill in our graduates a strong sense of responsibility for sustainability and environmental awareness, empowering them to actively contribute to a greener, more sustainable future, in alignment with the advancements in the field of Computer Science Engineering and the department's mission.

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.



Department Home

Vision & Mission

PEO's and PSO's

PO's

PEO's

PSO's

PS01: "Enable Computer Science Engineering graduates to leverage their knowledge in computer science and engineering fundamentals to develop innovative solutions for real-world computational challenges, fostering a culture of problem-solving and creativity."

PS02: "Equip graduates with the skills and ethical principles to contribute to the development of advanced technology and its responsible use in society, emphasizing the importance of professional ethics and societal responsibilities in the field of Computer Science Engineering."

Cyber Security

Vision & Mission

Vision:

The Vision of the department is to produce competent graduates suitable for industries and organizations at global level including research and development with Social responsibility.

Mission:

To provide an open environment to foster professional and personal growth with a strong theoretical and practical background having an emphasis on hardware and software development making the graduates industry ready with social ethics.

Further the Department is to provide training and to partner with Global entities in education and research.

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Artificial intelligence & Machine Learning

Vision:

The Vision of the department is to produce competent graduates suitable for industries and organizations at global level including research and development with Social responsibility.

Mission:

To provide an open environment to foster professional and personal growth with a strong theoretical and practical background having an emphasis on hardware and software development making the graduates industry ready with social ethics.

Further the Department is to provide training and to partner with Global entities in education and research.

INFORMATION TECHNOLOGY

Vision & Mission

Vision:

The Vision of the department is to produce competent graduates suitable for industries and organizations at global level including research and development with Social responsibility.

Mission:

To provide an open environment to foster professional and personal growth with a strong theoretical and practical background having an emphasis on hardware and software development making the graduates industry ready with social ethics.

Further the Department is to provide training and to partner with Global entities in education and research.

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

ELECTRICAL AND ELECTRONIC ENGINEERING

Vision & Mission

Vision:

The Vision of the department is to produce competent graduates suitable for industries and organizations at global level including research and development with Social responsibility.

Mission:

To provide an open environment to foster professional and personal growth with a strong theoretical and practical background having an emphasis on hardware and software development making the graduates industry ready with social ethics.

Further the Department is to provide training and to partner with Global entities in education and research.

ELECTRONIC AND COMMUNICATION ENGINEERING



MOTHER THERESSA COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved By AICTE New Delhi & Affiliated to JNTUH, Affiliated to SBTET - HYD) PEDDAPALLI, PEDDAPALLI(DIST), TELANGANA.

PGECEI, POLYCET

College Code :
MTEC

ESTD:1999

[HOME](#) [ABOUT](#) [DEPARTMENTS](#) [ACADEMICS](#) [PLACEMENTS](#) [EXAM BRANCH](#) [FACILITIES](#) [GRIEVANCE CELL](#) [STUDENTS CORNER](#) [EVENTS](#)
[NAAC](#) [IQAC](#) [AICTE EOA](#) [CONTACT](#)

Vision & Mission

Vision:

The Vision of the department is to produce competent graduates suitable for industries and organizations at global level including research and development with Social responsibility.

Mission:

To provide an open environment to foster professional and personal growth with a strong theoretical and practical background having an emphasis on hardware and software development making the graduates industry ready with social ethics.

Further the Department is to provide training and to partner with Global entities in education and research.

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JNTUH College Code 86

Counselling



MOTHER THERESA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to J.N.T.U. Hyderabad)

PP. Colony (po) Peddabonkuru (vill), PEDDAPALLI (Mdl & Dist), TELANGANA STATE-

Website : www.mtec86.ac.in

Estd: 1999


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING DATA SCIENCE

DATABASE MANAGEMENT SYSTEMS LAB COURSE OUTCOME'S

CO.1 : Design database schema for a given application and apply normalization

CO.2 : Acquire skills in using SQL commands for data definition and data manipulation

CO.3 : Design and implement database systems using procedures, cursors and triggers

 GPS Map Camera



Peddakalava ,Telangana,India
Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalvala
, Telangana 505174
Lat:18°34'44.8"N
Long:79°22'29.6"E

12/12/2023 11:20 AM GMT +5:30

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

JH College Code 86

Counselling Code M



MOTHER THERESA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to J.N.T.U. Hyderabad)

PP. Colony (po) Peddabonkuru (vill), PEDDAPALLI, (Mdl & Dist), TELANGANA STATE- 505174.

Estd: 1999


Website : www.mtec86.ac.in

DEPARTMENT OF ELECTRONIC AND COMMUNICATION ENGINEERING

ELECTRONIC DEVICE AND CIRCUITS LAB COURSE OUTCOME'S

CO.1 : Analyze the different types of diodes, operation and its characteristics

CO.2 : Understand the characteristics of BJT, FET.

CO.3 : Understand the characteristics of FET amplifiers, small  GPS Map Camera

CO.4 : Describe  Peddakalava, Telangana, India

CO.5 : Apply Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalava, Telangana 505174

Lat:18°34'44.8"N
Long:79°22'29.6"E

Google

12/12/2023 11:20 AM GMT +5:30

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86

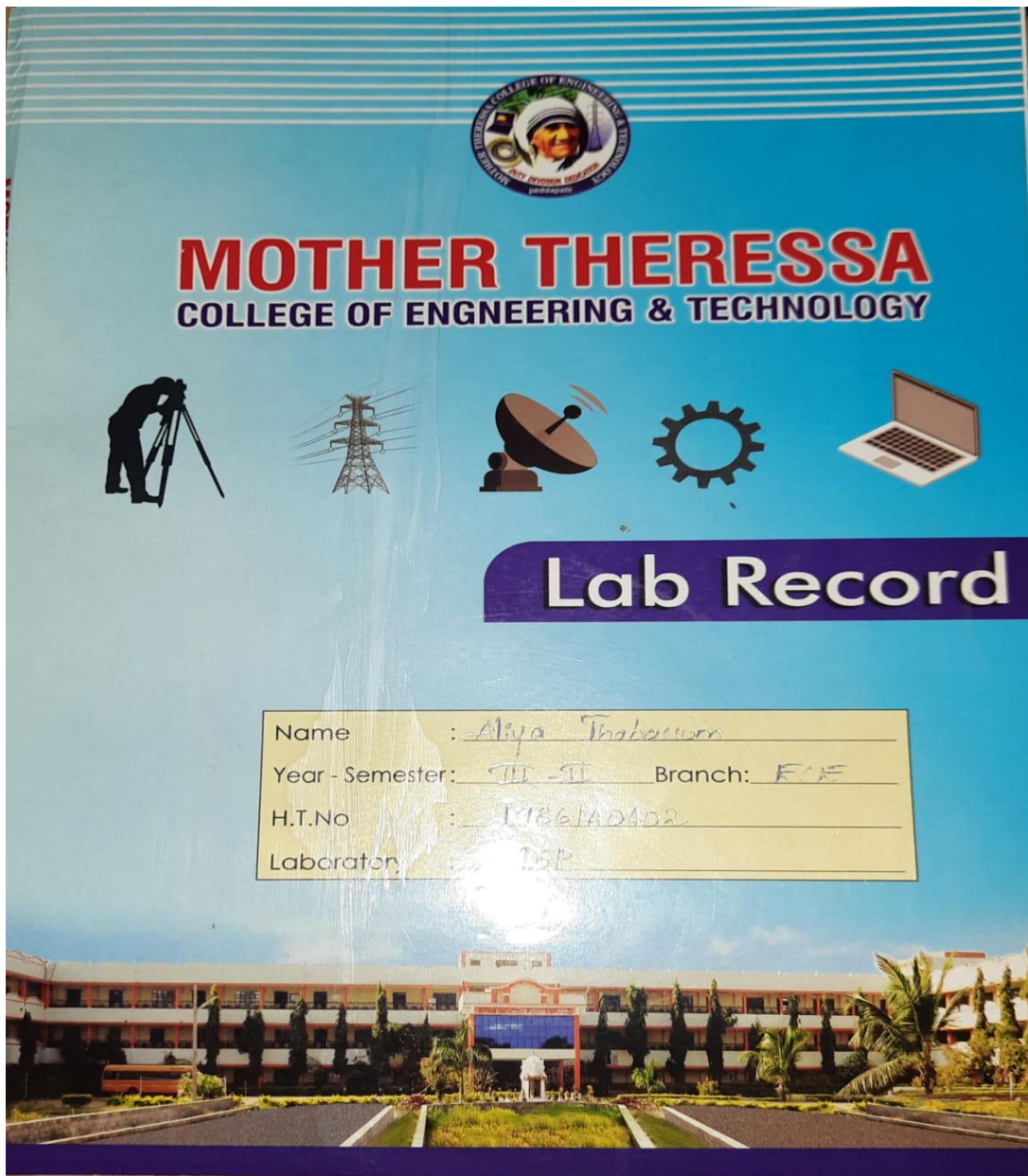


MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.



Display PO in Lab Record

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Certificate

Name : *Aliya Thabassum*

Class : *B-tech*

Roll No : *19861A0402*

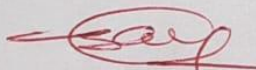
Group : *E.C.F*

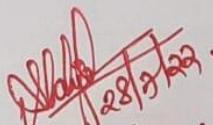
Institution *Mother Theresa college of Engineering & Technology*

This is to certified to be the bonafied work of the student in the
DSP Laboratory during the academic year 201*21* / 201*22*

No. of Practicals certified _____ out of _____ in the
subject of *DSP*


Lecturer's
Signature


Head of the
Department


Examiner's
Signature



Expt.no _____

Page No 01

Vision and Mission Instruction & Department

Instruction Vision

Fostering a culture of educational excellence, empowering engineers through innovation and collaboration for a brighter, sustainable future.

Instruction Mission

IM1: To provide high-quality education that equips engineers with the knowledge and skills to excel in a rapidly changing technological landscape.

IM2: To encourage innovation through research and practical applications, promoting a spirit of creativity and problem-solving.

IM3: To foster collaboration by building strong partnerships with industry, academia, and the community to address real-world challenges.

IM4: To instill a sense of responsibility for sustainability and environmental awareness, preparing engineers to contribute to a greener, more sustainable future

Department vision

Empowering Electrical and Electronics Engineers through cutting-edge education, fostering innovation, and promoting collaboration to advance electrical technology for a sustainable and electrifying future powered by solar energy.

Department Mission

DM1: To deliver high-quality education that equips Electrical and Electronics Engineers with the knowledge and skills required to excel in a rapidly changing technological landscape.



MOTHER THERESA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Expt.no _____

Page No 02

DM2: To promote innovation through research and practical applications, fostering a culture of creativity and problem-solving within the field of Electrical and Electronics Engineering.

DM3: To cultivate collaboration by establishing strong partnerships with industry, academia, and the community to address real-world challenges in the Electrical and Electronics domain.

DM4: To instill a profound sense of responsibility for sustainability and environmental awareness, preparing Electrical and Electronics Engineers to actively contribute to a greener, more sustainable future within their field

PROGRAM SPECIFIC OBJECTIVE (PSO's)

Program Specific Objective 1: "To empower Electronics and Communication Engineers with a comprehensive understanding of advanced electronic circuit design, analysis, and implementation, enabling them to develop innovative solutions for modern communication systems.

Program Specific Objective 2: "To foster a collaborative and interdisciplinary mindset among Electronics and Communication Engineering graduates, enabling them to work effectively with professionals from various fields and contribute to the development of sustainable, interconnected communication technologies for a rapidly evolving digital world."

PROGRAM EDUCATIONAL OBJECTIVES (PEO's)

PEO1: To produce graduates who are well-equipped with the knowledge and skills in Electronics and Communication Engineering to excel in a constantly evolving technological landscape.

PEO2: To cultivate a culture of creativity, effective problem-solving, and innovation among our graduates, with an emphasis on research and practical applications within the Electronics and Communication Engineering field.

**MOTHER THERESA COLLEGE OF ENGINEERING & TECHNOLOGY***(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)*

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Expt.no _____

Page No 04**PROGRAM OUTCOMES**

- 1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. 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.
- 3. 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.
- 4. 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.
- 5. 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
- 6. 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.

**MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY**

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Expt.no _____

Page No 05

7. **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.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **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.
11. **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.
12. **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



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Expt.no _____

Page No 06

Course Objectives

1. To provide background and fundamental material for the analysis and processing of digital signals.
2. To understand the fast computation of DFT and appreciate the FFT processing.
3. To study the designs and structures of digital (IIR and FIR) filters and analyze and synthesize for a given specifications.
4. To acquaint in Multi-rate signal processing techniques and finite word length effects.

Course Outcomes

Upon completing this course, the student will be able to

1. Understand the LTI system characteristics and MultiMate signal processing.
2. Understand the inter-relationship between DFT and various transforms.
3. Design a digital filter for a given specification.
4. Understand the significance of various filter structures and effects of round off errors