MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(Deemed to be University)
Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade, NIRF India Rankings 2025 - Band: 201-300 (Engg.)
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH, CST), MBA & MCA

A Report on "Data Science Training Programme"
Organized by Department of ECE
in Collaboration with AP MSME and Indo Euro Synchronization, Vijayawada
From 28.09.2026 to 24.10.2026

Report Submitted by: Mr. Charan Kumar, Assistant Professor, Department of ECE.
Mode of Conduct: Offline
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The Department of Electronics and Communication Engineering (ECE), MITS Deemed to be University, Madanapalle, submits the following report regarding the Data Science and Entrepreneurship Training Programme conducted from 28 September 2026 to 24 October 2026, in collaboration with Indo Euro Synchronization, Vijayawada, under the initiative of AP MSME. Data Science and Entrepreneurship Training Programme.

Dr. Sk Nurul Islam served as SPOC and Coordinator of this program and other Coordinators are Dr. Maneesh Kumar Singh, Associate Professor, ECE, Dr. Rakesh Singh, Assistant Professor, ECE, Dr. Simadri Badatya, Assistant Professor, ECE and Mr. G. Charan Kumar, Assistant Professor, ECE. The training programme was conducted by Ms. Arepalli Charani, Data Science Trainer, with the objective of enhancing students' technical skills, analytical abilities, entrepreneurial thinking, and business development knowledge.



The programme covered the following topics:

1. Data Science and Technical Skills

- Excel formulas and functions
- Pivot tables and data analysis
- Dashboard creation using Microsoft Excel
- Introduction to Python libraries for data analysis
- R programming language and its applications

2. Entrepreneurship and Business Development

- Better ideas and better funding opportunities
- Online and offline business models
- Development of businesses using traditional and modern methods
- Debates and discussions on traditional versus modern business practices
- Student seminars and idea presentations

3. Assessments and Student Activities

As part of the programme, students participated in various assessments and practical activities to evaluate their learning and encourage innovative thinking.

Entrepreneurship Assessment: A 30-minute quiz was conducted to assess students' understanding of entrepreneurship and business concepts.
Idea Presentation: Students developed and presented their business ideas, focusing on innovation, feasibility, funding opportunities, and potential market applications.
PDF Submission: Students prepared their idea presentations in PDF format and uploaded them as part of the assessment process.
Debates and Seminars: Students participated in discussions and seminars on business development through traditional and modern approaches, gaining confidence in communication, critical thinking, and presentation skills.

Valedictory Session

The programme concluded with a Valedictory Session on 24 October 2026, organized by AP MSME. The session marked the completion of the training programme and provided an opportunity to recognize the learning outcomes and practical skills acquired by the participating students.

The programme helped students strengthen their knowledge of data analysis tools, programming languages, entrepreneurship, business planning, and idea presentation. It also encouraged them to explore innovative business opportunities and understand the importance of both technical expertise and entrepreneurial skills in their future careers.

The Department of ECE appreciates the support and collaboration of AP MSME and Indo Euro Synchronization, Vijayawada, and the contribution of the resource person, Ms. Arepalli Charani, in delivering the training programme.



Vote of Thanks by Dr Simhadri Assistant Professor Department of ECE

It is my distinct honor and privilege to propose the vote of thanks on this momentous occasion of the valedictory ceremony for the 20-day training programme on **"Data Science & EDP Course,"** organized by the Department of Electronics and Communication Engineering at Madanapalle Institute of Technology & Science (MITS).

First and foremost, I express our deepest gratitude to our honourable Founder & Chancellor, Dr. N. Vijaya Bhaskar Choudary Sir, whose visionary leadership and constant encouragement continue to drive our institution toward excellence.
I would like to extend our heartfelt thanks to our dynamic Vice-Chancellor (i/c), **Dr. C. Yuvaraj Sir**, for his gracious presence and continuous support in fostering technical skill development and academic enrichment on campus.

Our sincere thanks go to our Registrar (i/c), **Dr. D. Pradeep Kumar Sir**, and our Principal, **Dr. P. Ramanathan Sir**, for their invaluable guidance, administrative leadership, and encouragement towards organizing comprehensive programs that bridge the gap between academia and industry.

We express our profound appreciation to our Convener, **Prof. Sanjay Kumar C. Gowre, Head of the ECE Department,** along with our coordinators and faculty members, whose meticulous planning and dedication made this 20-day intensive training programme a grand success.

A special note of thanks goes to our esteemed trainer and resource person for sharing her expert knowledge, guiding our participants through complex concepts in Data Science and EDP, and ensuring a rich, hands-on learning experience.
We are thankful to our professional association partners, management teams, technical staff, and supporting departments for their seamless coordination.

Finally, a big congratulations to all the student participants! Your active involvement, enthusiasm, and commitment throughout these 20 days are what truly brought this programme to life. We urge you to take forward the skills you have learned and apply them effectively in your professional journeys.