



J.B. INSTITUTE OF ENGINEERING & TECHNOLOGY

UGC Autonomous

(Accredited by NBA & NAAC, Approved by AICTE & Permanently Affiliated to JNTUH)

Bhaskar Nagar, Yenkapally (V), Molnabad(M), P.O. Himayathnagar, R.R. District, Hyderabad-5000075.

Department of Electrical and Electronics Engineering

One Day Workshop on

“Automated Machine Learning & its Applications in Electrical Industry”

in association with

Enterprise Building Training Solutions

On Saturday 1st February 2025 @ 11 AM

Resource Person

Mr. Arunjit Chowdhury,

CEO, Enterprise Building Training Solutions

Co-ordinators

Ms. K. Babitha, Assistant Professor

Mrs. T. Shailaja, Assistant Professor

Convener

Dr. P. Duraipandy,

Associate Professor & Head of the Department

PREAMBLE

The Department of Electrical and Electronics Engineering has conducted One Day Workshop on “Automated Machine Learning & its Applications in Electrical Industry” in association with Enterprise Building Training Solutions for the III & IV year students of Under Graduate program.

J.B. Institute of Engineering and Technology was established in 1998, popularly known as JBIET, is a UGC approved Autonomous Institution. JBIET is a NBA and NAAC accredited Institution. The Institute has various laboratories, workshops and other support systems to provide a hands-on experience. It can boast of its well qualified and expert faculty who inculcate the best values and principles. The Institution aims at the holistic development of the Students and has a notable Placement track record. The institute also nurtures and promotes Entrepreneurship, provides end to end support in the form of funding for startups. JBIET has been ranked consistently among top Institutions in Telangana and India.

Department of Electrical and Electronics Engineering is one of the oldest departments of JBIET, started in 1998 with a team of highly experienced faculty members. Department offers one UG program (B. Tech – EEE) and one PG program (M. Tech – EPS), with a present intake of 30 UG and 7 PG students. It is accredited by NBA under Tier-I. The department organized various programs such as Faculty development programs, hands-on sessions and technical workshops to strengthen the overall development of the Students and Faculty.

Mr. Arunjit Chowdhury, CEO of Enterprise Building Training Solutions along with Kiran Raj, Subordinate has addressed the session through Google Meet Platform.

A glimpse on workshop:

- **What is AutoML?**

AutoML, or Automated Machine Learning, is a process that automates the end-to-end process of applying machine learning to real-world problems. AutoML enables data scientists and researchers to efficiently build accurate and robust machine learning models without requiring extensive expertise in programming or machine learning.

- **A boon for students from core engineering disciplines**

For students who do not have programming experience or a natural talent for coding, AutoML provides an accessible and user-friendly alternative. With AutoML, students can build high-quality models with minimal effort and without needing to write any code. This can make machine learning more accessible to a wider range of students, allowing them to explore the field and develop new insights.

- **Is AutoML zero code?**

AutoML is indeed "zero code". AutoML platforms use pre-built algorithms and models to automate the process of feature engineering, hyperparameter tuning, model selection, and other tasks involved in building a machine learning model. This means that users do not need to write code to perform these tasks, but familiarity with machine

learning concepts is needed in understanding how the process works.

- **AutoML Tools**

There are several tools available for AutoML, including Microsoft Power BI, Google's Vertex AI, Amazon Sagemaker, H2O.ai, DataRobot, and many others. These platforms typically provide a user-friendly interface that allows users to input their data and select the type of model they want to build. The platform then automates the process of building the model, allowing users to focus on interpreting and analyzing the results.

- **Future of AutoML**

The future of AutoML is bright, with many experts predicting that it will continue to become more advanced and user-friendly over time. As more companies and researchers adopt AutoML, it is likely that new tools and platforms will be developed to meet the growing demand for this technology. Ultimately, AutoML has the potential to revolutionize the way that machine learning is used, making it accessible to a wider range of users and enabling new insights and discoveries to be made.

The students had a hands-on practice on AutoML using Power BI software. The objective of the Workshop was achieved. The overall workshop benefited 37 Students.

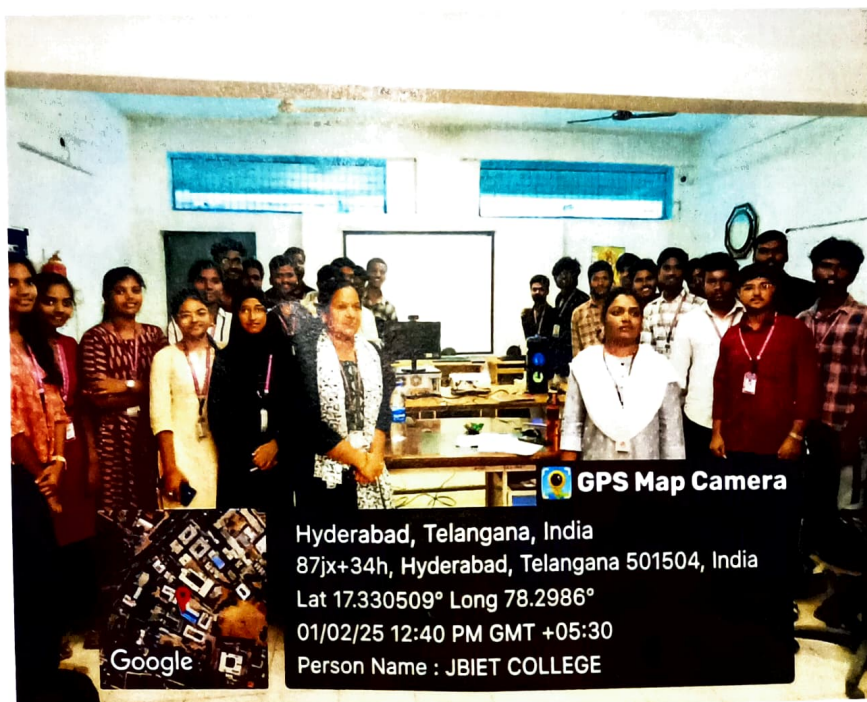


Fig 1: Faculty coordinators along with Students

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Ehaskar Nagar, Moinabad Mandal
Hyderabad-509 075.

Permission Letter

Date: 30.01.2025

To

The Principal,

J.B. Institute of Engineering & Technology,

Moinabad.

Respected Sir,

Sub: Requesting permission to conduct One Day Workshop on 1st February 2025-Reg.

This is to inform you that Department of Electrical and Electronics Engineering is planning to **One Day Workshop on "Automated Machine Learning & its Applications in Electrical Industry"** in association with Enterprise Building Training Solutions **on 1st February 2025** for B. Tech - III & IV year students. In this connection, herewith requesting you to give permission and sanction Rs. 2000/- towards honorarium for the Resource Person.

Thanking You,

Yours truly,



HOD, EEE Department

AO
Approved to Rs 2000/-
P.C. G. Das 30/01/2025

TO
Accts;
[Signature]

Invitation to the Resource Person

Conduct of One Day Workshop - Reg.

From hod eee <hodeeee@jbiet.edu.in>

Date Thu 1/30/2025 4:02 PM

To ebts1.2013@gmail.com <ebts1.2013@gmail.com>

Cc Babitha K <babitha.eee@jbiet.edu.in>; SHAILAJA T <shailaja.eee@jbiet.edu.in>

Dear Sir,

Greetings!

We are planning in association with Enterprise Building Training Solutions to conduct One Day Workshop on "Automated Machine Learning and its Applications in Electrical Industry" on 1st February 2025, from 11 A.M to 12.30 PM for III & IV B.TECH EEE Students (35) in the Electrical Simulation Lab I (A007). In this regard, we request you to support us in organizing the same. Rs.2000 will be issued towards Honorarium for the Resource Person.

Thanks & Regards

Dr.P.DURAIPANDY

Associate Professor & HOD

Department of Electrical and Electronics Engineering

J. B. Institute of Engineering & Technology, Hyderabad.

Workshop Poster



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**DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING (EEE)**



EBTS

ENABLING YOUR FUTURE



ELEXSA

Organizing One Day Workshop on

Automated Machine Learning & it's applications in Electrical Industry

Resource Person



Mr. Arunjit Chowdhury

CEO

Enterprise Building Training
Solutions



**1st February
2025**



**11 AM To
12:30 PM**



**Electrical
Simulation
Lab-I**

ALGORITHM

Resource Person Profile



ARUNJIT CHOWDHURY

CEO

ENTERPRISE BUILDING TRAINING SOLUTIONS
MUMBAI

MOBILE: +91 9820529962

EMAIL: EBTS1.2013@GMAIL.COM

LINKEDIN PROFILE- [linkedin.com/in/arunjit-chowdhury-90956b7](https://www.linkedin.com/in/arunjit-chowdhury-90956b7)

[linkedin.com/in/enterprise-building-training-solutions-bab704267](https://www.linkedin.com/in/enterprise-building-training-solutions-bab704267)

URL: WWW.EBTS.CO.IN

PROFESSIONAL DIRECTION

- ✓ Providing assistance in teaching students in latest trends in Information technology aligned to the industry needs. As CEO of EBTS, objective is to share my industry experience with students.

VALUE PROPOSITION

- ✓ Rich experience of 30+ years working in IT industry for Tier 1 Clients across U.S, Europe and Asia Pacific. Proven expertise in managing global teams delivering software projects.
- ✓ Proven ability in managing, building, implementing Complex Enterprise level Programs/Projects (Systems Integration & Outsourcing) globally.
- ✓ Certified in Sales & Distribution Module with SAP and Certified Scrum Master from Scrum Alliance
- ✓ Have passion for teaching and have taught students across 200 plus colleges in the area of SAP, Machine Learning and other emerging technologies.

PROFESSIONAL EXPERIENCE

CEO, EBTS • Feb 2014 onwards

Experience Summary:

- Worked in different capacities – Project Manager, Quality Manager, Program Manager and Key Delivery Manager.
- Worked across various industries – Manufacturing, Defence, Banking and CPG.

Training Highlights:

- Trained students across 200 plus colleges on latest I.T trends.
- Excellent testimonials from students.

Professional Certifications

- PMI certified professional.
- Certified Scrum Master from Scum Alliance
- SAP Sales & Distribution Certified consultant

Educational Qualifications

- BTech ((Mechanical) from Victoria Jubilee Technical Institute, Mumbai University.
- MBA (Marketing) from Jamnalal Bajaj Institute of Management Studies, Mumbai University

- Post-Graduate Diploma from National Centre for Software Technology associated with Department of Atomic Energy (DAE).

Customer List (Partial)

- Bharati Vidyapeeth College of Engineering, New Mumbai
- Somaiya College of Science and Commerce.
- Somaiya College of Engineering
- Sydenham Institute of Management
- Lala Lajpatrai Institute of Management
- Vidyalkar Institute of Technology
- Thadomal Shahani College of Engineering
- A.C Patil College of Engineering
- Sophia College
- Wilson College
- MGM College of Engineering
- Sathye College
- Vidyalkar School of Information Technology
- K.C College of Arts, Science and Commerce
- Vivekanand Education Society - Institute of Technology
- Terna College of Engineering
- S.K Somaiya College of Science and Commerce
- NMIMS Group - Mukesh Patel College of Engineering
- L.S. Raheja College of Arts and Commerce
- Meghnad Saha Institute of Technology, Kolkata
- Amity University, Gurgaon
- GITAM Institute of Science, Vizag
- Saraswati College of Engineering, New Mumbai
- AISSMS IOIT, Pune
- ITM University. Gwalior
- PSGR Krishnammal College for Women, Coimbatore
- PSG College of Technology, Coimbatore
- Nitte Meenakshi Institute of Technology, Bangalore
- Symbiosis Institute, Pune
- MIT Academy of Engineering Alandi, Pune
- Adhiparasakthi Engineering College, Tamil Nadu
- Sharnbasva University, Karnataka

Few customers where EBTS has conducted FDP sessions

- Sardar Patel Institute of Technology, Mumbai
- CMR Institute of Technology, Bangalore
- Velalar Institute of Technology, Tamil Nadu
- PSG College of Technology - Coimbatore
- Shri Sai Ram Institute of Technology, Tamil Nadu
- GMR Institute of Technology - Andhra Pradesh
- Kalsekar Institute of Pharmacy, New Mumbai

Circular

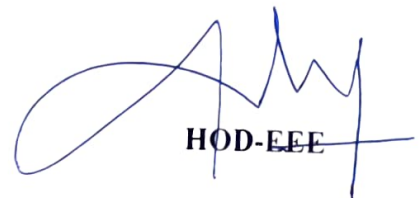
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 31.01.2025

CIRCULAR

This is to inform all the students of III & IV year that Department of Electrical and Electronics Engineering is going to conduct **One Day Workshop on “Automated Machine Learning & its Applications in Electrical Industry”** in association with Enterprise Building Training Solutions on **1st February 2025 (Saturday)** from 11:00 AM to 12:30 PM in Electrical Simulation Lab I (Room No. A007). In this regard, all the interested students are requested to attend and make it successful.



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Bhaskar Nagar, Madhya Pradesh

Photos of the session

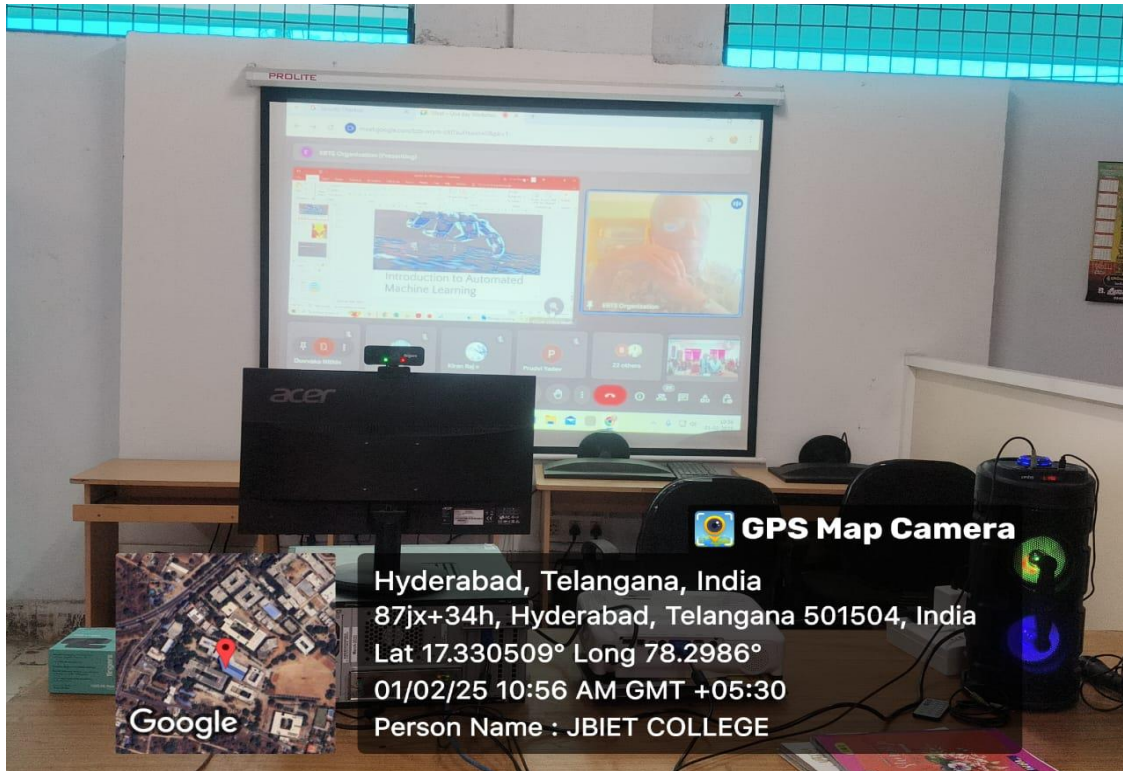


Fig 2: Resource person Mr. Arunjit Chowdhury addressing the Students

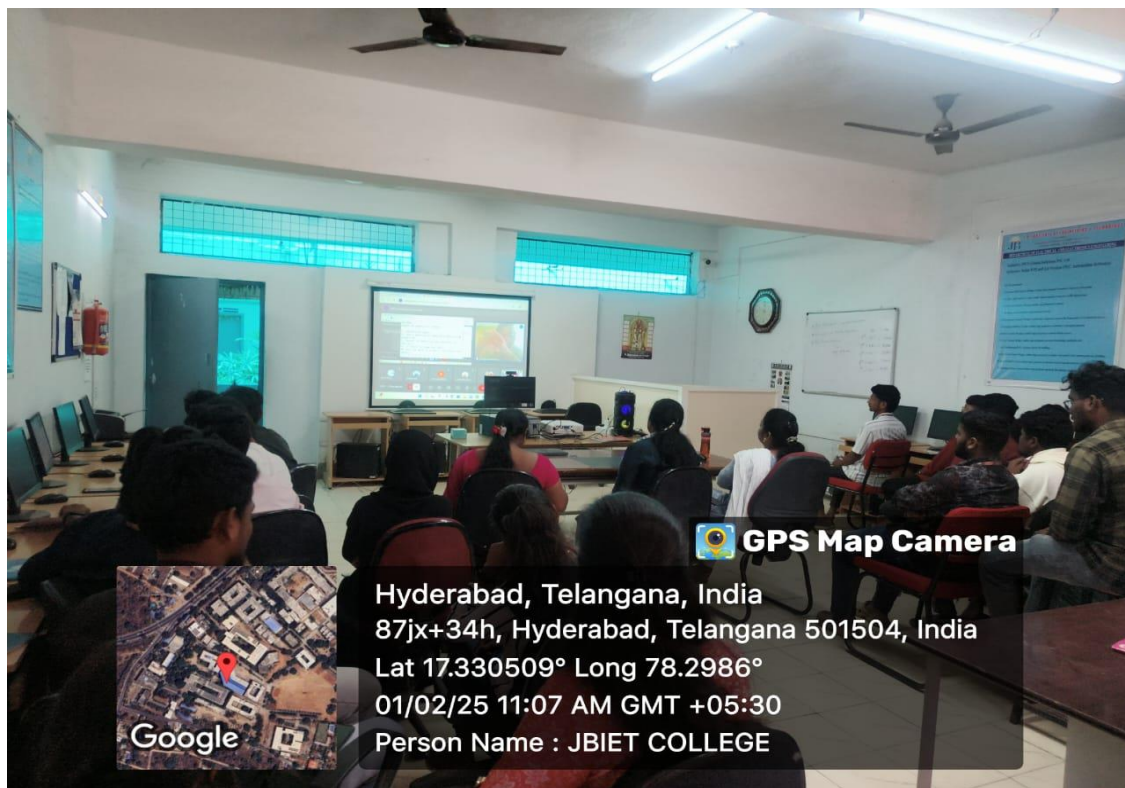


Fig 3: Students assembled in the Lab for the Workshop



Fig 4: Faculty Coordinator addressing the Resource Person

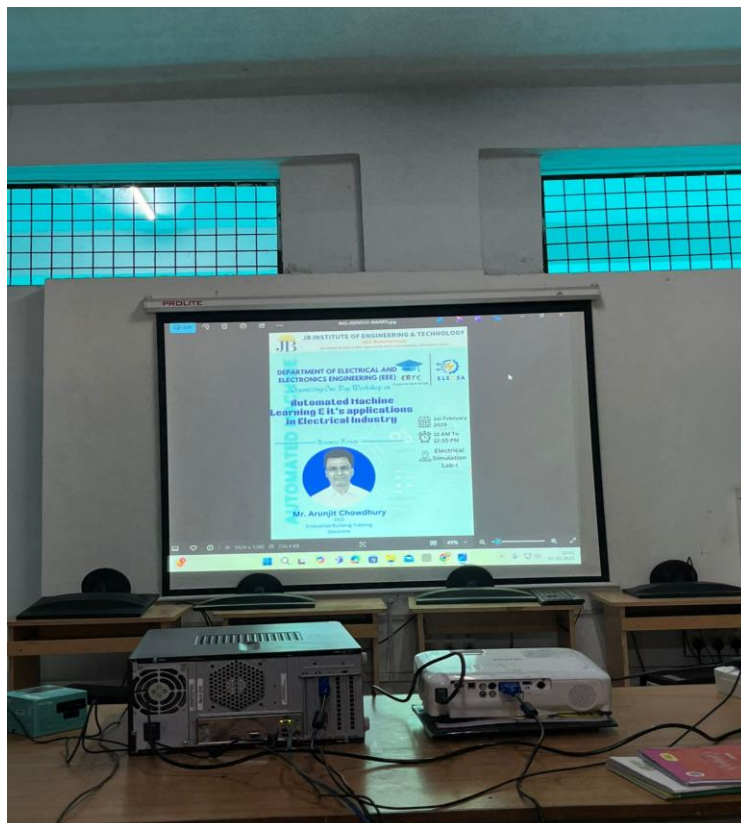


Fig 5: Workshop Poster



Fig 6: Faculty coordinators along with Students

Attendance Sheet

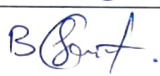
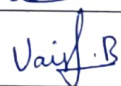
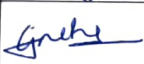
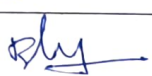
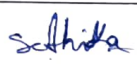
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

***"One-day workshop on
Automated Machine Learning and it's applications in Electrical Industry"***

ATTENDANCE SHEET

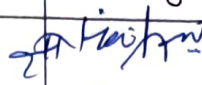
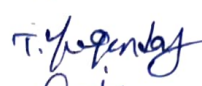
Date: 01/02/2025

S. No.	Year	Roll Number	Name	Signature
1	IV th year	22675A0208	S. Balaji Reddy	
2	IV th year	21671A0206	M. Sai Kiran	
3	IV th year	22675A0218	P. Sai Teja	
4	III rd year	22671A0210	A. Anshay Kumar	
5	3 rd year	22671A0203	B. Sai Santhosh Kumar	
6	II nd year	22671A0201	A. Ganesh	
7	III rd year	22671A0205	B. Vaishnav	
8	III rd year	22671A0207	G. Neha	
9	III rd year	23675A0210	A. Bhavani	
10	III rd year	23675A0201	K. Sathvika	
11.	III rd year	23675A0213	Varshha patange	
12.	III rd year	23675A0240	K. Nandini	
13	III rd year	23675A0217	K. Sai Varshith	

S. No.	Year	Roll Number	Name	Signature
14	III rd year	23678A0223	P. TARUN	P. Tharun
15	III rd year	23675A0221	N. Robas	N. Robas
16	III rd year	23675A0237	T. mani charan	T. Mani
17	III year	23675A0208	G. Uthej	G. Uthej
18	III year	23675A0203	K. Prathamesh.	K. Prathamesh.
19	III year	23675A0207	S. Aravind	S. Aravind
20	III year	23675A0209	D. Rakesh	D. Rakesh
21	III year	23675A0226	U. madhumohan	U. madhumohan
22	III year	23675A0230	D. Prudvi	D. Prudvi
23	III year	22671A0211	K. Ravi Nayar	K. Ravi Nayar
24	III year	23675A0216	A. Manohar	A. Manohar
25	III year	23675A0224	S. Vikranth	S. Vikranth
26	III year	23675A0212	CH. Manurik	CH. Manurik
27	III year	22671A0221	B. Vikas	B. Vikas
28	III Year	23675A0233	R. Bharu Prakesh	R. Bharu Prakesh
29	III year	23675A0245	ch. sap kiran	ch. sap kiran
30	III Year	23675A0244	P. Nagesh	P. Nagesh
31	III Year	23675A0229	D. Nithin	D. Nithin
32	III year	23675A0228	A. Vinay charan	A. Vinay charan

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S.No.	Year	Roll No.	Name	Sign.
33	III year	23675A0243	Nikhil	
34	IV Year	22675A0210	N. Sindhu	
35	IV Year	22675A0216	T. Yugender	
36	IV Year	22675A0212	M. Sindhuja	
37	IV Year	22675A0221	J. Mahender	



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