



**Dr. D. Y. PATIL PRATISHTHAN'S
COLLEGE OF ENGINEERING**
Salokhenagar, Kolhapur

5.1.2 Capacity building and skills enhancement initiative taken by the institution include the following:

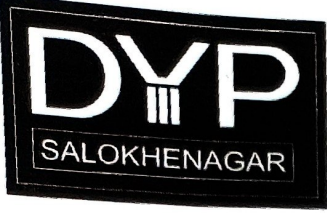
- 1. Soft skills**
- 2. Language and communication skills**
- 3. Life skills (Yoga, physical fitness, health and hygiene)**
- 4. ICT/computing skills**

Response: A. All of the above

Documentary evidences are attached herewith:

Additional ICT Activities attached here:

Sr. No.	Particulars	Page No.
1.	Machine Learning for Electrical Load forecasting (2022-23)	2 – 13
2.	Language Lab facility (2018-19)	14 - 20



**Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur**

Doc. No: DYP-ACAD-FRM - 01

Revision No. 00

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Revision Date: 14/12/2021


Guest Lecture

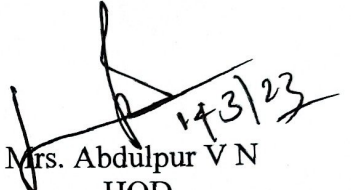
Date: 14/03/23

Department of Electrical Engineering
(AY: 2022-23 Even Semester)

NOTICE

All B.Tech, TY and SY students of Electrical Engineering are hereby informed that an expert lecture is arranged on 'Machine Learning for Electrical Load Forecasting: A Case Study' on Saturday, dated 18th March 2023 at 10.00 am in Panini hall. Attendance is compulsory. All must note the same.


14.03.23
Ms. Londhe A A
Faculty Coordinator


14/3/23
Mrs. Abdulpur V N
HOD

Dear Sir,

The content of my presentation will be as follows

Title: Machine Learning for Electrical Load Forecasting: A Case Study

Content:

1. Introduction to Machine Learning (ML)

Definition of ML, Types of ML systems, Main challenges in ML, etc.

2. Machine Learning application to Electrical Load Forecasting

a. Data Collection

b. Data Preparation

c. Training the models

d. Validation of Models

e. Evaluation of Models

3. Questioneries

Dr. Uttam S. Satpute

Associate Professor

Department of Electrical & Electronics Engineering

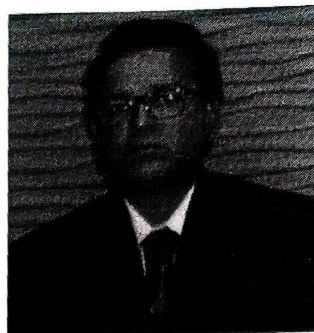
KLS Vishwanathrao Deshpande Institute of Technology

Haliyal, Dist: Uttar Kannada 581329

Email: uttamsatpute@gmail.com

ussatpute@klsvidit.edu.in

Mobile No.: 9535193589, 9449937844



Professional Objectives:

To develop as highly qualified intellectual and utilize it intelligently making significant contribution to the success of the student community and research paradigm for overall development of the nation.

Education:

Qualification	College/School	University/Board	Year of Passing	Aggregate Percentage (%)
Ph.D	Gogte Institute of Technology Belgaum	Visveshwaraya Technological University Belgaum	2020	-----
M-Tech (Power and Energy System)	Basaveshwar Engineering College Bagalkot	Basaveshwar Engineering College (Autonomous)	2009-2010	8.83 CGPA
B.E. (Electrical and Electronics Engineering)	K.L.E. Society's College of Engineering and Technology Belgaum	Karnataka University Dharwad	1999-2000	80.2% (VII to VIII)
Diploma (Electrical Engineering)	Government Poly-technic Belgaum	Board of Technical Examination Bangalore	1995-96	58.38%
Primary	Govt. High School Castlerock	Karnataka Secondary Education Examination Board Bangalore	1992-1993	66.4%

Competitive Examinations:

- GATE 2002** :Qualified with **89.02** percentile (All India Ranking **1324**)
Selected by **Indian Institute of Technology (IIT) Delhi** for M-Tech course in **Controls and Instrumentation**
- GATE 2006** :Qualified with **373** Gate Score (All India Ranking **1662**)
- Technical Aptitude Test (TAT) for Ph.D/M.Sc (Engg) by research 2011** :Qualified for registration to **Ph.D programme in Visveswaraya Technological University (VTU)**

Teaching Experience:

Teaching/Industrial	College/Organization	Duration	Years
Teaching	Vishwanathrao Deshpande Rural Institute of Technology Haliyal	24-09-2007 till date	15.25
Teaching	Hirasugar Institute of Technology Nidasoshi	01-09-2005 to 22-09-2007	2.08
Teaching	Sindhudurga Shikshan Prasarak Mandal's College of Engineering Kanakavali	22-07-2004 to 29-08-2005	1.16
Teaching	Padmabooshan Vasanttraodada Patil Institute of Technology Budhgaon	18-03-2002 to 25-06-2003	1.25
Teaching	K.L.E. Society's College of Engineering and Technology Belgaum	Nov-2000 to April 2002	1.4

Total: 21 years

Publications:

- 1] U. Satpute, D. R. Joshi, "Design of Electric System for Offshore Wind Power Plant (OWPP)", *Advances in Electrical and Electronics Engineering*, Vol. 20, No. 2, June 2022, pp. 131-142. [DOI: 10.15598/aeer.v20i2.4352] [Scopus Indexed]

UG Subjects

: Network Analysis, Field Theory, Signal and Systems, Digital Signal Processing, Power System Analysis, Computer Techniques in Power System, Power System Operation and Control, Basic Electrical Engineering, D.C. and Synchronous Machines, Transformer and Induction Machines, Electrical Drives, Electrical Drawing and CAD, Controls System, Modern Control Theory, Microcontrollers, Electrical Machine Design and Utilization of Electrical Power.

UG Laboratories

: Power System Simulation Lab., Microcontroller Lab., Transformers and Induction Machine Lab., Direct Current. Machines Lab., Electrical Drawing Lab., Control System Lab. and Measurement Lab., Digital Signal Processing Lab.

PG Subjects

: Advance Control System

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Yours Faithfully,



(Dr. Uttam S Satpute)



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ACAD-FRM-01

Revision No. 00

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Revision Date:01/07/2019

Department of Electrical Engineering

Guest Lecture

Date: 18/03/23

Attendance of Guest Lecture

Topic: Machine Learning and its applications in Electrical Load Forecasting

Class: TY

S.N.	Name of Student	Signature
1	Divya Ganesh Tibile	
2	Batik Ashok chougale	
3	Shreyas Shataji Nigade	Shreyas
4	Ajay Ankush Lagas	
5	Shantanu Manoj mane	
6	Shivkumar Ramesh kapale	
7	Vijay Anada Magdhum	
8	Varun Basavaraj Pujari	
9	Akash Ramesh Sangar	A.R. Sangar
10	Shridhat Maruti chougale	
11	Sanskar Sanjay Kamble	
12	Prathmesh Maleti Kamble	
13	Yash Chandrakant Mahajan	
14	Prathmesh Madhukar Budkar	
15	Atharv Deepak Shinde	
16	Namrata Balvont Patil	

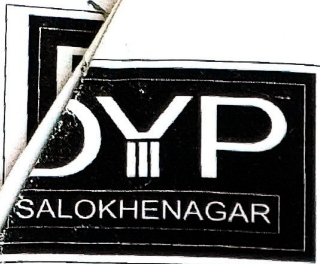
18.03.23

Ms. Londhe A A

Guest Lecture Co-ordinator

Mrs. Vidya A N
HOD

18/3/23



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ACAD-FRM-01

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Revision Date: 01/07/2019

Department of Electrical Engineering

Guest Lecture

Date: 18/03/23

Attendance of Guest Lecture

Topic: Machine Learning and its applications in Electrical Load Forecasting
Class: TY

S.N.	Name of Student	Signature
16	Ankita Vijaykumar Gaikwad	<u>Ankita</u>
17	Mayuri bulu shingare	<u>Mayuri</u>
18	Sourabh Chandrakant Kamble	<u>Sourabh</u>
19	Rushikesh Jotiba Salgaonkar	<u>Salgaonkar</u>
20	Nimesh Mahesh Jadhav	<u>Nimesh</u>
21	Saiprasad Baburao Lohar	<u>Saiprasad</u>
22	Sahil Manuti Kovamkar	<u>Sahil</u>
23	Rutikraj Sunil Mohite Patil	<u>Rutikraj</u>
24	Vishal Manuti Saravane	<u>Vishal</u>
25	Prasad Sharad Jadhav	<u>Prasad</u>
26	Avadhut Tanaji Jadhav	<u>Avadhut</u>
27	AKASH APPAGO CHAVAN	<u>AKASH</u>
28	Anish Dhanaji Basarwadkar	<u>Anish</u>
29	Sandhya Ganesh Sutar	<u>Sandhya</u>
30	Neha Jaysing Patil	<u>Neha</u>

31. Divya Balaso Kamble

32. Ankita Annaso Koli

33) Pratiksha Bhimrao Dalavi

Ladha
18/3/23

Mrs. Londhe A A
Guest Lecture Co-ordinator

Bali

Mrs. Vidya A N
HOD

18/3/23

33)



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

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Revision Date: 01/07/2019

Department of Electrical Engineering

Guest Lecture

Attendance of Guest Lecture

Date: 18/03/23

Topic: Machine Learning and its applications in Electrical Load Forecasting
Class: Btech

S.N.	Name of Student	Signature
01	Prathamesh Appaso Punde	
02	Prjwal Tanaji Shinde.	
03	Mrunal Sanjay Waghmare	
04	Ajit Bhimrao Gore	
05	Jaydeep Vikas Autade.	
06	Tanmay Rajendra Chavan	
07	Arvind Bajirao Patil	
08	Akshay Balaso mali	
09	Omkar Ashok Jambade	
10	Aditya Sanjay Jasud	
11	Rathod Abhijeet Eknath	
12	Pratik Arvind Labde	
13	Ruturaj Vasant Ghatge	
14	Pratik Uttam Mardane	
15	Dhmapal Somnath Ghodaspekar	

18.03.23

Ms. Londhe A A
Guest Lecture Co-ordinator

18/3/23
Mrs. Vidya A N
HOD



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ACAD-FRM-01

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Revision Date: 01/07/2019

Department of Electrical Engineering

Guest Lecture

Date: 18/03/23

Attendance of Guest Lecture

Topic: Machine Learning and its applications in Electrical Load Forecasting
Class: Btech

S.N.	Name of Student	Signature
16.	Sachin G. Maurya.	
17.	TUSHAR .T. KAMBU	
18.	Rushikesh S. Salokhe	
19.	Aksa Abdulkadar Nadaf.	
20.	Rituja Hanamant Thombare	
21.	Nikita Sambhaji Patil	
22.	Pooja Bhagwan Ghatage.	
23.	Smurti Sanjay Gaikwad.	
24.	Dhanashri Sanjay Patil	
25.	Vishalika Vibas Dinde	
26.	Pallavi Vilas Kene	
27.	SAUMYA ANAND	
28.	Akhishak Shivsharan	
29.	Rahul sulkar	

18.03.23

Ms. Londhe A A

Guest Lecture Co-ordinator

18/3/23
Mrs. Vidya A N
HOD



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

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Revision Date: 14/12/2021

Feedback Form for Guest Lecture

Date:

18/03/2022

Department of Electrical Engineering
(AY: 2022-23 Even-Semester)

Name of the Speaker: Dr. Uttam S. Patpute

Topic: Machin learning

Please tick '✓' the option you find most suitable.

S.N.	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall conduction of the lecture?		✓		
2	How relevant was the content discussed by the speaker?	✓			
3	How much this session was useful from the knowledge and information point of view?	✓			
4	Overall effectiveness of the lecture	✓			

Additional comments and suggestions for future:

Arrange such more lecture and
suggest new and share new more
ideas.



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ACAD-FRM - 01

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Revision Date: 14/12/2021

Feedback Form for Guest Lecture

Date: 18/03/23

Department of Electrical Engineering
(AY: 2022-23 Even-Semester)

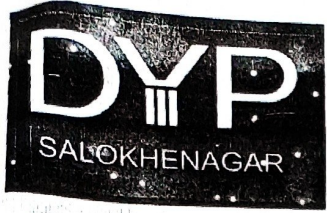
Name of the Speaker: Dr. Uttam. S. Satpute

Topic: Machine learning & its application to electrical load forecasting

Please tick '✓' the option you find most suitable.

S.N.	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall conduction of the lecture?		✓		
2	How relevant was the content discussed by the speaker?	✓			
3	How much this session was useful from the knowledge and information point of view?		✓		
4	Overall effectiveness of the lecture	✓			

Additional comments and suggestions for future:



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ACAD-FRM - 01

Revision No. 00

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Revision Date: 14/12/2021

Feedback Form for Guest Lecture

Date: 18/03/2023

Department of Electrical Engineering
(AY: 2022-23 Even-Semester)

Name of the Speaker: Dr. Uttam S. Satpute

Topic: machine learning & it's APP

Please tick '✓' the option you find most suitable.

S.N.	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall conduction of the lecture?		✓		
2	How relevant was the content discussed by the speaker?	✓			
3	How much this session was useful from the knowledge and information point of view?		✓		
4	Overall effectiveness of the lecture		✓		

Additional comments and suggestions for future:

Date: 26-03-2021

To,
Dr. D.Y. Patil Pratishthan's College of Engineering
865 'A' Ward, Salokheagar, Kolhapur-416007

Respected Sir / Madam,

Thank you, very much for the opportunity to deliver on our promises & allow you to experience firsthand benefits of working with **Biyani Technologies**. We are confident that you will be satisfied with the services that we offer.

The best performers in business don't hide behind their desks; they know that business is all about connecting people. It is our goal to not only meet your expectations but to exceed them. We are proud of our facility & our commitment to excellence.

As your needs change will be happy to help you evaluate those needs & offer you the services that will help you achieve your new goals. For anything to be discussed regarding Software Services, changes, designs, etc kindly write an email at the following address. And your queries will be replied and attended.

tasengineer.biyani@gmail.com

customerservice@biyanitechnologies.com

Or any kind of suggestion about our services or any further discussion with the company you can directly drop an email at the following address

info@biyanitechnologies.com

biyanitechnologies@gmail.com

Our alternate support helpline numbers are (9:00 am till 8:00 pm):

9850819973, 0231-2526373

First step of solving the problems will be on telephone where a support person will guide you about the problems and the method to solve it.

Second step of solving the problems will be with the help of team viewer through internet services. By which even you can see how the engineers rectify the problem and at the same time communication can also be done on both sides even.

Third step of solving the problems is by calling to our office where the support co-ordinator or the support executive will inform you a token number which will be referred to the issues you faced. The next time you call us refer to that token number to understand the present status of your work.

We always strive to provide you the best services. Kindly confirm the receipt of the mail.

Thank you & Regards


Biyani Technologies




Receiver Sign

(Client Seal)
Head of Department
General Sci. & Engineering
Dr. D. Y. Patil Pratishthan's
College of Engineering



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No. DYP-ACAD-FRM-21

Revision No. 00

Dept. - GSE

Revision Date: 04/02/2021

LANGUAGE LAB

Sr. No.	Name of Equipment	Quantity
1	Dell Optiplex 3020, pro Intel (R) Pentium dual core 3 cache with power supply @ GB, memory 500 GB	20
2	Headphones	20
3	Cannon LBP 200 printer	01
4	D-link make 24 layer-3 switch	01
5	Fiber optics cable 6m indoor	100 Mtr.

Total Investment of the Lab is Five Lacks Sixty Three Thousand Five Hundred Only.

Lab In-charge- Prof. J. V. Ware

Lab Attendant – Mr. Vaibhav Asabe

Lab Area
68.85 SQ.M

Total Investment
Rs. 5,63,500/-



Head of Department
General Sci. & Engineering
Dr. D. Y. Patil Pratishthan's
College of Engineering

Scanned by Scanner Go

Principal

Billed To, The Principal, Dr. D.Y. Patil Pratishthan's College of Engineering Address:- Salokhenagar, Dist- Kolhapur. State: - Maharashtra. GSTIN Number:-	Invoice No.	8777
	Invoice Date	22 nd Mar 2021
	Purchase Order No.	DYPCOE/2020-21/42
	Purchase Order Date	22 nd Feb 2021

Sr. No	Description of Item	HSN Code	Qty.	Rate	Total (Rs)
1	Digital Language Lab	85238020	1+20	1,10,170/-	1,10,170.00

COMPANY GSTIN NO.:- 27AAHICB9700CIZX		Sub Total	1,10,170.00
			E & O E
		CGST @ 9%	9,915.30
		SGST @ 9%	9,915.30
		IGST @ 18%	29,700.00
Total Amount of GST: - Nineteen Thousand Eight Hundred Thirty Only.		Round Off	0.60
Grand Invoice Total In Words: - One Lac Thirty Thousand Only.		Grand Total	1,30,000.00
Certified that the Particulars given above are true and correct		Electronic Reference Number	

YOUR TERM & CONDITION OF SALE

- Warranty: For 1 Year from the date of implementation of software against manufacturing defects only. Warranty does not include any Hardware service, maintaining LAN, physical damage, data loss or its recovery. It is the responsibility of customer to take and maintain regular backup of the data.
- All the payment to be made by A/C payee Cheque / DD in favor on Kolhapur Br only.
- Any late payment will have an interest @ 24% per annum on the total amount.
- Kindly confirm the material and software at the time of delivery. If any problem intimate us at the time of delivery.
- Once delivered and installed, Order in any case will not be cancelled and amount will not be refunded thereafter. If entire payment not received within 15 days from invoice date, services thereafter will not be provided. The amount paid till then will be forfeited and will not at all be refunded neither the order can be cancelled.
- All disputes are subjected to Kolhapur jurisdiction.

Bank Name:- Federal Bank
 Branch:- Jaysingpur
 A/c No. 14910200013161
 A/c Name:- Biyani Technologies Pvt. Ltd.
 IFSC Code:- FDRL0001491

For BIYANI TECHNOLOGIES PVT. LTD.



(Handwritten Signature)

Authorized Signatory.

(Handwritten Signature)
 Receiver's Signature
 General Sci. & Engineering


Regd. Office: DI, 2nd Floor, Royal Prestige Building, Sykes Extension, Lohia Marg, Kolhapur, Maharashtra - 416001.
 Contact No: 992212873, 0231-2526373.

Date: 26-03-2021

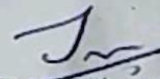
DELIVERY CHALLAN

Client Name:- **Dr. D.Y. Patil Pratishthan's College of Engineering**
865 'A' Ward, Salokheagar, Kolhapur-416007

Sr. No	Description of Item	Qty
1	ACE Digital Language Lab Software <ul style="list-style-type: none">• CD Setup• Hardware Dongle• License Certificate	 1 1 1


Support Manager
Biyani Technologies




Receiver's Sign
(Client Seal)
Head of Department
General Sci. & Engineering
Dr. D. Y. Patil Pratishthan's
College of Engineering

Date: 26-03-2021

To

Dr. D.Y. Patil Pratishthan's College of Engineering
865 'A' Ward, Salokheagar, Kolhapur-416007

Dear Sir,

We want to thank you for providing us the opportunity to serve your esteemed institute. Following services has been provided and delivered:

1. **Delivery** of the software completed
2. **Training** for the usage of the software is been provided

Your will enjoy free warranty support for the period 26 March 21 till 25 March 22 In this warranty support you will receive following services from our company:

1. **Unlimited Telephonic support.** We have established 9 x 6 help line to solve your queries over phone.
2. **Unlimited Remote Desktop connectivity support:** Under this services our engineers would take control of your computer from our office over internet, solve your queries remotely and provide you all support
3. **Onsite Engineer Visit:** Under this service you will get 3 full days of onsite support from our technical expert. He will guide you for software usage and solve your queries in from of you.

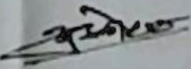
For any queries or assistance please call us at following numbers. You will receive a Service token number which can be used to check the status of your problem or any further communication:

1. **Telephonic support: 0231-2526373, 9850819973**
2. **Customer Care Email Address: customerservice@biyanitechnologies.com**

If your queries are not been resolved in 2-3 days you may directly call to our Technical Director at +91-9922112873 or write an email to him at: biyanitechnologies@gmail.com

We once again want to stress that Biyani Technologies is committed to provide you the best services, quality software and enable you to stay ahead in the world in terms of Automation and developments in technology.

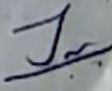
Looking for your kind cooperation and support.


Thanks and regards,

Support Engineer

For Biyani Technologies




Receiver Sign
Head of Department
General Secretary
Dr. D. Y. Patil Pratishthan's
College of Engineering

Date: 26 March 2021

Client Name :- **Dr. D.Y. Patil Pratishthan's College of Engineering**
865 'A' Ward, Salokheagar, Kolhapur-416007

- **Subject:-** Project completion report of the ACE Digital Language Lab Software

Ref: Your PO Number:

Dear Sir/Madam,

We want to thank you for providing us the opportunity to serve your esteemed institute.

We have installed the software and provided training to the users.

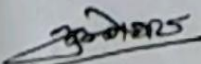
Date of Installation:

Name of Equipment	Date of Installation Completion of the Project	Installation Done Satisfactorily	Training Done Satisfactorily	Software Working Satisfactorily
ACE Digital Language Lab Software	26 March 2021	YES	YES	YES

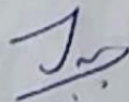
We once again want to stress that Biyani Technologies is committed to provide you the best services, quality software and enable you to stay ahead in the world in terms of Automation and developments in technology.

Looking for your kind co-operation and support.

Thanks and regards,


Support Manager
For Biyani Technologies




Receivers Sign
Head of Department
(Client Seal)
General Sci. & Engineering
Dr. D. Y. Patil Pratishthan's
College of Engineering



ACE-Digital Language Lab

ACE

Digital Language Lab



Bringing Technology 2 Business

CERTIFICATE OF INSTALLATION

This is to certify that M/s Dr. D. Y. Patil Pratishthan's College Of
Engineering has installed ACE-Digital Language Lab / Communication Lab for 1+20
on 27 March 2021

Bringing Technology 2 Business

Place : Salokhenagar, Kolhapur

Authorised Signatory

Head Office : D-1, 2nd Floor, Royal Prestige Building, Lohiya Path, Sykes Extension, Kolhapur 416 001, Maharashtra, India.
Other Regional Offices : Mumbai, Nagpur, Bhopal, Hubli, Chandigarh, Raipur, Jaipur, Bangalore, Hyderabad, Kolkata, Varanasi.
Contact : 9850819973, (0231) - 2526373. E-Mail : info@biyanitechnologies.com, www.biyanitechnologies.com