



" Empowerment Through Quality Technical Education "

AJEENKYA D Y PATIL SCHOOL OF ENGINEERING

Dr. D Y Patil Group Of Institution's - Technical Campus

Approved by AICTE, New Delhi, Government of Maharashtra DTE, Mumbai

Affiliated to Savitribai Phule Pune University (SPPU),

Accredited By NAAC, NABL & ISO 9001:2015, 21001:2018 Certified Institute

ECHOES



October 2024

TABLE OF CONTENTS



LETTER FROM FOUNDER,CHAIRMAN	3
EVENTS OF AI & DS ENGINEERING	4
EVENTS OF COMPUTER ENGINEERING	6
EVENTS OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING	8
EVENTS OF MECHANICAL ENGINEERING	10
EVENTS OF CIVIL ENGINEERING	13
EVENTS OF ENGINEERING SCIENCES	16



D Y PATIL GROUP

FOUNDER & CHAIRMAN



**Dr. D Y Patil
(Founder D Y Patil Group)**

Dr D Y Patil, a Padmashree recipient, and former Governor of the Indian States of Bihar, Tripura and West Bengal is the founder of the D Y Patil Group. In the realm of Education and Healthcare in the state of Maharashtra, one name stands out like a shining beacon, that of Padmashree Dr D Y Patil. His vision, dedication and passion have been indelibly influenced, by his wisdom and generosity and have left several benchmarks, be it in the schools for imparting basic education or institutes for higher learning. He has materialized his dreams under the umbrella of prestigious education institutes in Kolhapur, Navi Mumbai and Pune. Padmashree Dr D Y Patil is the Governor of Bihar since 27th Nov 2009.

He is pioneer in ushering an era of privatization of technical education in Maharashtra. He is a philanthropist, educationist and social worker and under his able guidance the Pratishthan has more than hundred academic institutes of international repute, from kindergarten to post graduation levels in various disciplines of education. His regard and respect for traditional values and openness to modern ideas, blended perfectly with his admirable personality. Humble and unassuming Dr D Y Patil is better known for his work, rather than the awards and recognition he has received over the years. For his pioneering contribution in the field of education, he was honored with the title 'Padmashree' by the President of India. He is also awarded two Doctorates in philosophy, the first by The World University Round Table (USA) in 1985 and later by Britain (UK) in 1990.

Dr Ajeenkya D Y Patil Has A Master's Degree From Richmond College, U.K. And Specialization In Marketing From The London School Of Economics. He Lives A Dream Of Turning The State Into A Centre Of World-Class Learning And Education.

D Y Patil Knowledge City, Pune And The D Y Patil International Schools Have Been Planned Under His Leadership. He Has Been Honoured With An Honorary Doctorate By The University Of Central Lancashire, United Kingdom.

He Is Also The Force Behind Providing International Linkages To The Various Institutions Of The Group.



**Dr Ajeenkya D Y Patil
(Chairman, D Y Patil Group
Pro-Chancellor,
Padmashree Dr D Y Patil University)**

AI & DS ENGINEERING ACTIVITY- 1



11/10/2024

The Department of Artificial Intelligence and Data Science conducted a Guest lecture on Computer Graphics (Animation and Gaming). Guest speaker Prof. Bhagyashree Shendkar from MIT ADT provided valuable insights into the Gaming platform (NVIDIA, i8060) and advances in Gaming. Attendees gained essential knowledge of Conventional and computer-based animation and the design of animation sequences.



ACTIVITY- 2

13/10/2024



The Department of Artificial Intelligence and Data Science conducted a Guest lecture on Database-as-a-Service (DBaaS). Guest speaker Mr. Kushal Sharma from Prushal Technology, Private Limited Pune, provided valuable insights into databases as a service, like MongoDB, how to connect the front end to the back end, and how to import and export data. During the seminar, Mr. Kushal Sharma emphasized the importance of database services in industries and tools of DB. The Guest lecture provided invaluable guidance for students.



ACTIVITY- 3

16/10/2024

The AI&DS Department organized a vibrant Fresher's event to welcome new students, featuring a Saraswati Puja, inspiring speeches, cultural performances, and the Mr. and Miss Freshers contest. The evening concluded with a prize distribution, a magazine launch, and a dinner for all attendees.



ACTIVITY- 4

15/10/2024



The Department of Artificial Intelligence and Data Science conducted a Guest lecture on Object Oriented Programming (Standard Template Library). Guest speaker Prof. Yogesh Bahendwar from "G.H. Rasoni College of Engineering and Management Wagholi, Pune" highlighted performance trade-offs associated with different STL containers and algorithms.



ACTIVITY- 5

18/10/2024

Department of Artificial Intelligence and Data Science Engineering was honoured to have Utsaah Club mentor Dr. Bhavesh Bhatia in the department on 13th September 2024.

Dr. Bhavesh Bhatia, founder of Sunrise Candles, shared his inspirThe Artificial Intelligence and Data Science Engineering Department successfully conducted the event "Technovanza 2k24 " in association with the S4DS Student Chapter on 18/10/24. Students from our college and other colleges participated in the event.



ACTIVITY- 6

21/10/2024



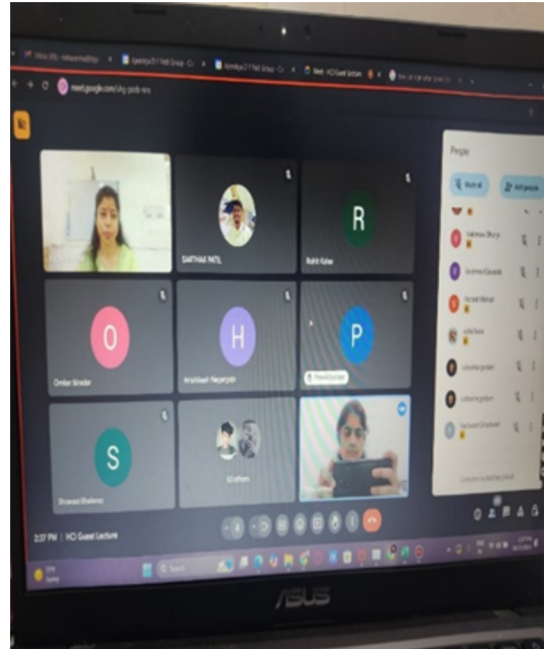
We hosted a guest lecture for BE AI&DS students at Ajeenkya DY Patil School of Engineering, Pune, on October 21, 2024. Santosh Maskar, Founder and Director of Sarvaha Systems Pvt. Ltd., discussed "Usability Evaluation and Design Issues in UI/UX Design," emphasizing the role of UX in building user-friendly dashboards. We're also thrilled to announce Sarvaha Systems Pvt. Ltd. has signed an MoU with us to collaborate on AI initiatives, benefiting students and faculty.



ACTIVITY- 7

23/10/2024

The Department of Artificial Intelligence and Data Science organized a guest lecture on Human-Computer Interaction (HCI Paradigms) by Prof. Richa Sharma from MIT ADT. She shared insights on HCI Paradigms, Ubiquitous computing, and pattern recognition, highlighting sensor-based and context-aware technologies, handling missing data, and programming toolkits. The lecture offered valuable guidance for students.





ACTIVITY- 1

05/10/2024

The guest lecture on System Programming and Operating System (SPOS) . The speaker for the lecture was Prof. Pranali Chavhan Assistant Professor VIIT.

The lecture aimed to provide some of the advanced concepts of Memory Management and its importance in memory partitioning, Different placement strategies. The speaker emphasized the importance of virtual memory and different page replacement policies.

Topics covered:

Introduction to memory Management

Paging

Segmentation

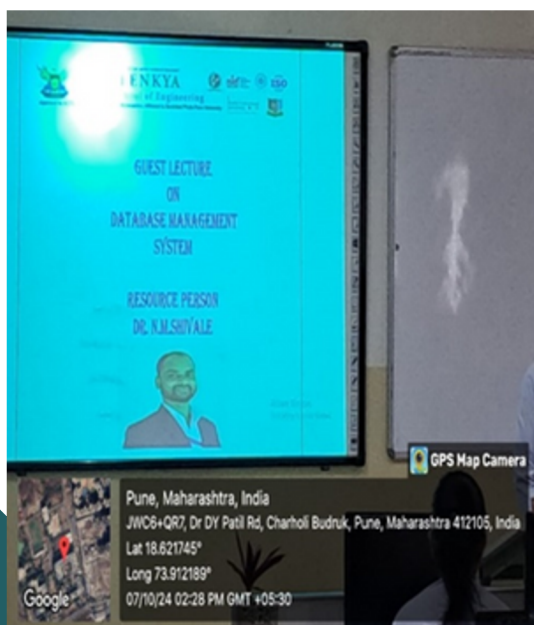
Placement Strategies

Virtual Memory



ACTIVITY- 2

07/10/2024



The guest lecture on Database Management System (DBMS) . The speaker for the lecture was Prof Nitin Shivale, Assistant Professor JSPM BSIOTR Wagholi & expert in the field of database management.

The lecture aimed to provide some of the advanced concepts in DBMS, its importance in modern business environments, and the key concepts and principles associated with managing databases. The speaker emphasized the importance of understanding key concepts and principles in DBMS.



ACTIVITY- 3

09/10/2024

The Department of Computer Engineering had organized a Guest Lecture on Theory of Computation for improving the student knowledge.

Resource Person: Dr. Rajesh Phursule
Associate Professor at PCCOE

Prof. Swati Bagade and Dr Deepti Varshney
Event Coordinator



ACTIVITY- 4

11/10/2024



AJEENKYA
DY Patil School of Engineering
(Earlier known as DY DY Patil School of Engineering)
Approved by AICTE, Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University, MSRTU

**DEPARTMENT OF COMPUTER ENGINEERING
IS ORGANIZING**

INTERNATIONAL SEMINAR ON RESEARCH WRITING & PUBLICATION

JOIN ON
FRIDAY
11 OCTOBER
TIME
11:00 AM

SPEAKER
DR. NALLAPANENI MANOJ KUMAR
CITY UNIVERSITY OF HONG KONG,
KOWLOON, HONG KONG
(GLOBAL RANK 62)

SEESION LINK
<https://meet.google.com/ciab-akuf-cag>

ORGANIZERS
1. DR. VIJAYAKUMAR VARADARAJAN (ADYPU)
2. PROF. AMRUTA CHITARI (ADYPSOE)

DR PANKAJ AGARKAR
HOD COMPUTER ENGINEERING

DR P.B. SAYYAD
PRINCIPAL

DR KANALJEET KAUR
DIRECTOR

Department of Computer Engineering
Ajeenkya D Y Patil Schools of Engineering
is organizing International Seminar on
Research Writing & Publication for BE
Students, ME Students & Ph.D. Scholars

Organizer
Prof. Amruta Chitari (ADYPSOE)
Dr Vijayakumar Varadarajan (ADYPU)



ACTIVITY- 5

11/10/2024

At Ajeenkya DY Patil School of Engineering the Department of Computer conducted a Guest Lecture on "From Firewalls to AI : Evolving Strategies in Network Security "on 11th October 2024, aimed for third year students. Led by Prof.Prashant Mandale Assistant Professor at I2IT the Speaker explored the fundamentals of Firewalls to AI : The session provided students with valuable insights into AI and network Security.



ACTIVITY- 6

15/10/2024

At Ajeenkya DY Patil School of Engineering the Department of Computer conducted a Guest Lecture on "From Firewalls to AI : Evolving Strategies in Network Security "on 11th October 2024, aimed for third year students. Led by Prof.Prashant Mandale Assistant Professor at I2IT the Speaker explored the fundamentals of Firewalls to AI : The session provided students with valuable insights into AI and network Security.





ACTIVITY- 7

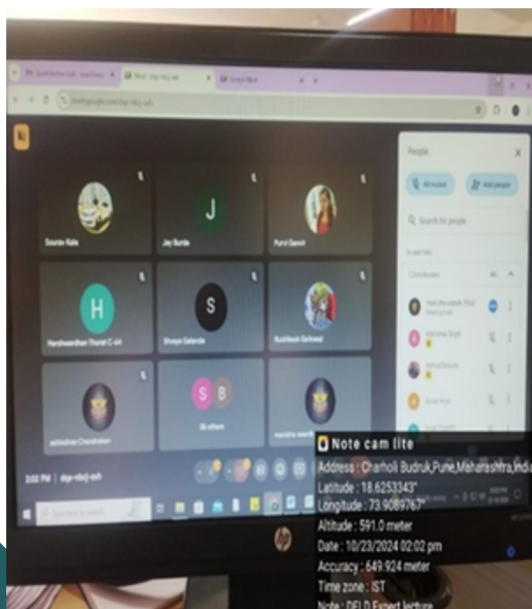
15/10/2024

We're thrilled to share highlights from our Seminar and Technical Communication poster presentation held on October 17, 2024! It was an inspiring day filled with innovative ideas and valuable insights. Thank you to everyone who participated and contributed to making it a grand success. Stay tuned for more updates!



ACTIVITY- 8

23/10/2024



At Ajeenkya DY Patil School of Engineering the Department of Computer conducted a Guest Lecture on "Logic Families" on 23rd October 2024, aimed for second year students. Led by Prof. Snehal Veer Assistant Professor at ABMSP's APCOER, Parvati, Pune. The Speaker explored all logic families with basic concepts.

E & TC ENGINEERING

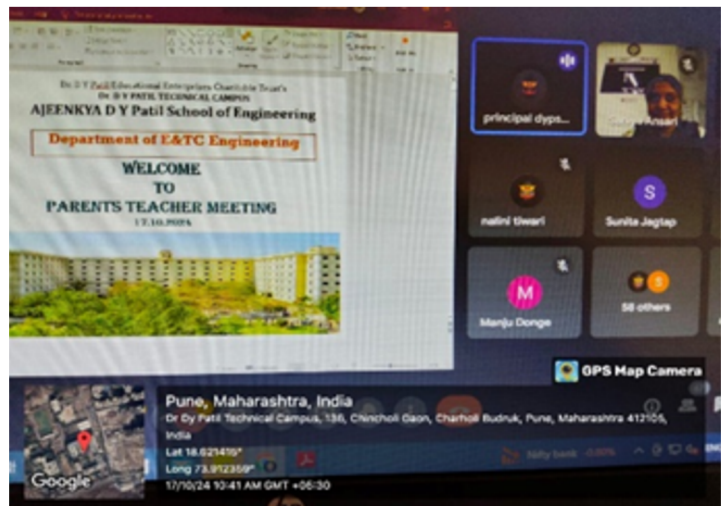
ACTIVITY- 1

17/10/2024



Parents Teacher Meeting

The Department of E&TC Engineering organized a Parents Teachers Meet 2K24 on 17.10.2024. A total of 73 Parents joined the PTM and the event was coordinated by Prof. Prajakta Khairnar.



ACTIVITY- 2

17/10/2024



MoU with ENSIM Forum Pune

E&TC department successfully hosted the signing of the MoU between ADYPSOE and ENSIN Forum Pune. An MoU has been signed with ENSIN to create a supportive and collaborative environment that fosters the development and growth of entrepreneurial ventures and innovative ideas.



ACTIVITY- 3

17/10/2024

Expert session on "Entrepreneurship Skills, Attitude, and Behavior Development," delivered by Dr. Shrikant Kallurkar" and Mr. Sanjay Jagtap guided us on "From Idea to Startup: Navigating the Entrepreneurial Journey."



ACTIVITY- 4

17/10/2024



The Electronics and Telecommunication (ENTC) Department successfully organized a workshop on "Introduction to WEB3 & Blockchain," featuring a distinguished speaker, Maruti Patre from Algorand, on 17th October 2024. The session aimed at providing students and professionals with an understanding of the fundamentals of blockchain technology and its real-world applications. The event was coordinated by Prof. Prachi Pol and Prof. Seema Khamankar.



E & TC ENGINEERING



ACTIVITY- 5

18/10/2024

SE Fresher Party- RETROWOOD

The SE Fresher's party, RETROWOOD, was organized on 18th October 2024 by the Electronics Engineering Students' Association (EESA) team of the E&TC Department. The event was followed by a cultural program, felicitation of EESA team and Class toppers and dinner.



MECHANICAL ENGINEERING

ACTIVITY- 1

18/10/2024



The department of Mechanical and Automobile Engineering organized an Industrial visit to Auto cluster Chinchwad, Pune.

The visit aimed at giving industrial exposure to our students so as to enable them to learn about cutting-edge technologies and research.

ACTIVITY- 2

04/10/2024

The Department of Mechanical Engineering organized an industrial visit for Final Year Engineering (BE) students on Friday 4th October 2024. This visit was designed to give students the exposure of Hydro-Electric Power Plant working with the details of all components of the plant, such as penstock, Turbine, the governing mechanism, generator. The visit took place at the Pawana HEPP, Pune



16/10/2024



The Department of Mechanical Engineering organized an industrial visit for Final Year Engineering (BE) students on Friday 16th October 2024. This visit was designed to give students, the exposure of pumping station, water filtration process and the water distribution from pumping station to home. The visit took place at the Parvati Pumping Station, Pune.

ACTIVITY- 4

04/10/2024

The Autonomous Baja Car Event, held from 4/10/2024 to 6/10/2024 at Automotive Research Association India (ARAI), showcased innovations in autonomous vehicle technology, specifically focusing on Baja-style off-road vehicles. The event aimed to engage participants through demonstrations, workshops, and competitions, highlighting the advancements in autonomous driving.



21/10/2024



The department of Mechanical Engineering has signed a significant MoU with Edgeline Championship for the upcoming national level Go-Kart event to be held in February 2025.

This collaboration aims to foster innovation and provide students with hands-on experience in motorsports, blending education with exciting opportunities in competitive racing.

ACTIVITY- 6

21/10/2024

The National Education Policy (NEP) 2020 envisions an interdisciplinary approach to learning that integrates multiple disciplines and connects them to create a holistic learning experience.

Congratulations Shreya Ghodke and Atharv Kadam from E & TC Department, Mistari Darshan, Satyam Mistari from Mechanical Department for participating in 2024 NASA International SPACE Apps Challenge dated 6 October 2024, at MIT Loni, Pune.



22/10/2024



Five faculties from the Department of Mechanical Engineering attended Solid Works Innovation Day 2024 programme on 22 October 2024.

In said programme, new features like simulation, cloud computing usage, AI tool and 3D modelling in Solid Works 25 were explained.

ACTIVITY- 8

10/10/2024

The department of Engineering Sciences organised an expert talk on the "Engineering Graphics" domain. Prof. Rohit Garad, HoD Mechanical delivered on First year three divisions, the talk highlighting the importance of Engineering drawings and its significance as students navigate through their engineering education.





CIVIL ENGINEERING ACTIVITY- 1

08/10/2024



IGS Student Chapter of Civil Engineering Department from Ajeenkya DY Patil school of engineering organized a Guest Lecture on 8th Oct 2024. It is led by Prof. Shraddha Khandare and was executed in association with Indian Geotechnical society (IGS), Pune on the occasion of Bharat Ratna A.P.J. Abdul Kalam 6th Annual Oration program.

Chief Guest Dr. Sudarshan Bobade has enlightened the topic *Remote Sensing and Geographical Information system in Disaster Management*.

ACTIVITY- 2

15/10/2024

The Department of Civil Engineering organized an insightful visit for Fourth-Year Engineering (BE) students on 15/10/2024. This visit was designed to give students hands-on exposure to real-world applications of Hot mix plant & the practicals that performed in the plant. The program took place in Hot mix plant Yerwada. A total of 60 students attended the visit.





CIVIL ENGINEERING ACTIVITY- 3

17/10/2024



The Department of Civil Engineering of Ajeenkya D Y Patil School of Engineering organized educational visits to Bridge construction site B1104, Anand Apartment, Sun city road , Nimbaj nagar, Pune, Maharashtra 41105, India on 17/10/2024 for B.E. Civil Engineering students to study different aspects of Bridge construction.

ACTIVITY- 4

22/10/2024

The Department of Civil Engineering of Ajeenkya D Y Patil School of Engineering organized an educational visit to Shri Sant Tukaram Maharaj Sugar factory Kasarsai, Pune, Maharashtra India on 22/10/2024 for B.E. Civil Engineering students to study different aspects of Air Pollution and Control.



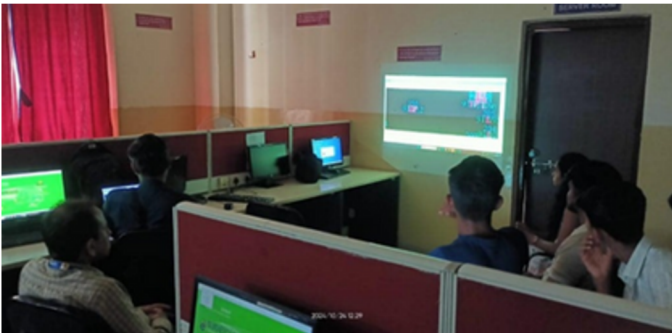


CIVIL ENGINEERING



ACTIVITY- 5

17/10/2024



At Ajeenkya DY Patil School of Engineering, the Department of Civil Engineering conducted a Software Training on E-Surveying CADD on 24th October 2024, aimed at Civil Engineering faculty and students led by Mr. Yadupati Bhagwat, Testing Engineer at E-Surveying CADD company.



ENGINEERING SCIENCES

ACTIVITY- 1

12/10/2024



Name of Event: Fostering Biodiversity: The Bird Feed and Water Dish Initiative-The Kindness

Event Contents:

1. Planning and Preparation
2. Construction of Feeders
3. Installation
4. Monitoring and Maintenance

ACTIVITY- 2

21/10/2024

Name of the Event: FDP on Financial Awareness

Event Contents:

1. Financial terms related to market like stock market
2. Trading
3. Market strategies
4. Importance of finance in their real life





ENGINEERING SCIENCES

ACTIVITY- 3

23/10/2024



Name of the Event: Industrial Visit

Event Contents:

1. Cement pipes, chambers and Safety tanks manufacturing
2. Different production centers
3. Annual turnover
4. Water supply and drainage
5. Metro rail project, PCMC's B & C department, Government projects, MIDC

ACTIVITY- 4

24/10/2024

Name of the Event: Zerone 2K24 (Fresher's Party)

Event Contents:

- Welcome of guests and FE students
- Felicitation of guests by Principal & HoD
- Performance by students
- Selection of Mr. & Ms. Fresher
- Prize distribution
- Dinner
- Conclusion of events



PREPARED BY



D Y PATIL GROUP

Prof. ASHWINI PANDAGALE