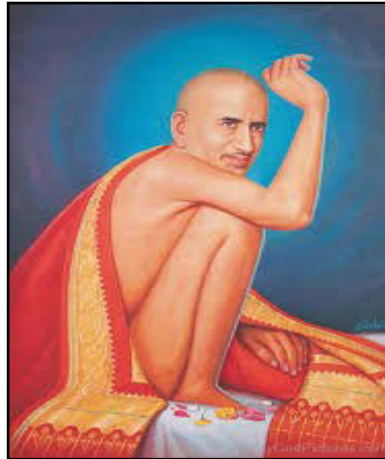


Dr D Y Patil Pratishthan's

D Y Patil College of Engineering Akurdi, Pune-411044

Affiliated to Savitribai Phule Pune University, Recognized by DTE & Govt of Maharashtra.

NEWS LETTER – APRIL 2023



Vision

Empowerment through Knowledge

Mission

To educate the students to transform them as professionally competent and quality conscious engineers by providing conducive environment for teaching, learning, and overall personality development, culminating the Institute into an International seat of excellence.

NEWS LETTER – APRIL 2023

College Team:

Dr. Mrs. P. Malathi, Principal

Dr. Sandeep S. Sarnobat, Vice Principal

Dr. Madhuri A. Potey , HOD, Computer Engineering

Dr. Preeti Patil, HOD, Information Technology

Dr. Bhausahab B. Musmade, HOD, Instrumentation & Control

Dr. Ashok More, HOD, Civil Engineering

Dr. Pravin T. Nitnaware , HOD, Mechanical Engineering

Dr. Vinayak G. Kottawar, HOD, Artificial Intelligence & Data Science

Dr. Nitin K. Kamble, HOD, Robotics & Automation

Dr. Rutuja Deshmukh, HOD, Electronics & Telecommunication

Dr. Sanjay K. Babar, Dean First Year

Dr. Sandeep Shiyekar, R&D Co-ordinator

Dr. Vinay A. Kulkarni, OBE Co-ordinator

Dr. Manish Sharma, Innovation Cell Co-ordinator

Mrs. Trupti Wagh, Student Affairs Co-ordinator

Mr. Lalit Chaudhary, Training and Placement Officer

Mr. Prashant Bhalerao, Registrar

NEWS LETTER – APRIL 2023: NSS ACTIVITY

Objective:-

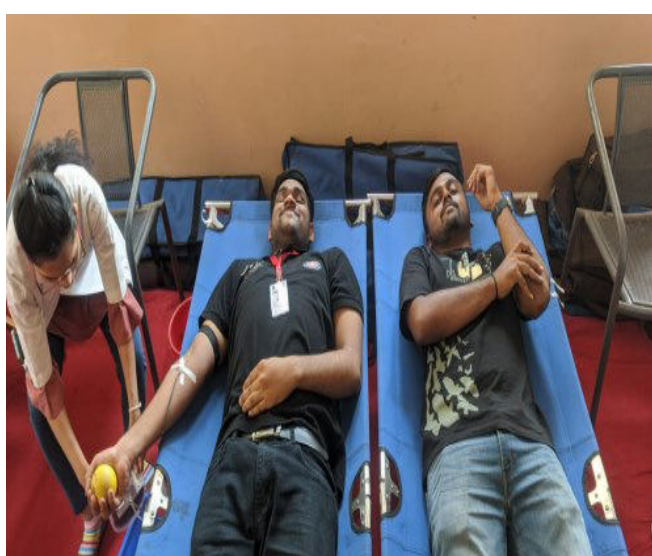
1. To encourage people to donate blood for the sake of mankind.
2. To build wider public awareness absolute the need of blood donation yearly, in order to maintain adequate supplies and achieve a national self-sufficiency of blood.
3. To encourage young people to become new donors as well.

Outcome

A total of 188 units of blood were collected with all blood groups from the entire D Y Patil Educational Complex Akurdi Campus on the occasion of Birthday Celebration of Respected Satej D. Patil Sir



Inauguration



Blood Donation



Group Photo

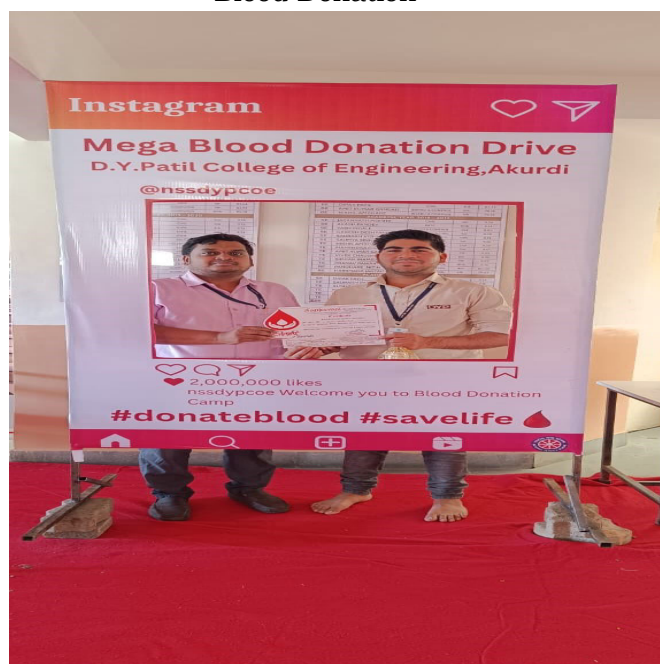


Photo Booth

Name of Faculty Coordinator :

Ms Utkarsha Kharade, Mr Mahesh V Tatikonda, Dr Pramod Chougule

Dr S S Sarnobat (Vice Principal)

Dr Mrs P Malathi (Principal)

eBAJA SAEINDIA 2023 competition



- Mechanical Dept. of DYPCOE Akurdi, Secured first rank in eBAJA SAEINDIA 2023 competition Launched in 2007 by the Society of Automotive Engineers India. BAJA is an intercollegiate motorsports design competition where each team creates an off-road vehicle which tests the engineering skills of the students. SAEINDIA organizes two competitions: first is the combustion m-BAJA and second is the e-BAJA, where teams create electric ATVs. The competition includes multiple dynamic events testing vehicle's durability, acceleration, maneuverability, and suspension and also static events requiring written reports and presentations. BAJA has given aspiring engineers a chance to gain industrial skills by evaluating the software knowledge, design understanding, cost efficiency and business skills of the participating teams.

Event	Year	Awards & Achievements
e-BAJA SAE India Venue: Chitkara university, Baddi, HP	2023	All India Ranking – 1 1 st Position : Best Debutant Team, Best 4-Wheel Drive Team, Technology Innovation, Durability, Virtual Dynamics Event Maneuverability, Virtual Dynamics Event All Terrain Performance 1 st , Cost event 2 nd Position : Acceleration 3 rd Position : CAE



Team Predators Racing, DYPCOE- Akurdi secured All-India Rank 1 with 9 different Awards in SAE – e-BAJA completion 2023

Name of Faculty Coordinator :

Mrs. Monica Ugale

Dr.P.T.Nitware

Head of Department

NEWS LETTER - APRIL 2023

Alumni Activities:

1.D.Y.Patil College of Engineering Akurdi signed a MoU with Z-Inspection Initiative . Under this MoU Session on “ Mindful use of AI “ is organized by alumni association cell with support of alumni Mr.Ishwar Chavan, Scientific Advisor, Z-Inspection and Alumni Computer Engg from 2019 batch on 11/04/2023. Technical expert present for this session are Mr.Ishwar Chavan, Scientific Advisor, Z-Inspection ,Mr. Manu Dev, Head of Data Analysis Engineering ,Roche Information Solutions (RIS) ,India, Mr. Adarsh Shrivastava, Head of Product and Quality Engg,Mr. Gokul Gavande , Principal Data quality Engineer,RIS. This session is organized for students of Computer Engg, IT and AI & DS department.



Session on “Mindful use of AI” on 11/04/2023

Name of Alumni Coordinator :

Mrs. Nilam Patil

Dr. Mrs. P. Malathi
Principal

Department Achievement:

- A session on “Importance of Soft Skills and Communication Skills for Career Progression” was conducted for all First year Students on 10th April 2023 which includes
 1. Presentation by Data Tech Lab for Certification Courses.
 2. Placement Readiness Session by Jasmita Kaur , Dean Placement.
- A session on “Student Satisfaction Survey” was conducted on 25th April 2023 in this session students aware about the Teaching-Learning Process of our institution.
- Nasscom Future Skill Certification Exam was conducted on 27th April 2023 for the students those are registered for Certification .



Session on Soft Skills for Career Progression

Name of Faculty Coordinator :

Mrs. Sabrina Kazi

Dr. S K Babar

Head of Department

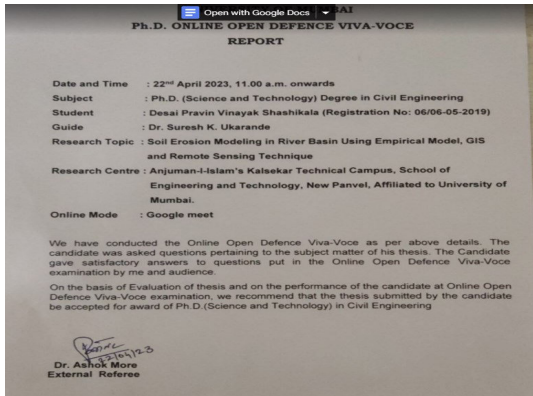
NEWS LETTER—APRIL 2023

Department Activities :

- 1.The department received the NBA Accreditation for 3yrs.
- 2.The department conducted the online Parents Teachers Meet for this semester on 27/4/2023.
- 3.The faculties from the department participated in Blood Donation drive held at DYPCOE on 12/4/2023.

Faculty Achievements:

1. Dr. Ashok More was invited as external referee for Ph. D online defense viva-voce at Mumbai university on 22nd April 2023.
2. Dr. Ashok More, Dr Sachin Mane and Prof. Rohini Khandelwal has awarded the certificate of appreciation for extra ordinary service and contribution to civil engineering field which is organized by "Vishweshwarayya Skill Training Academy Pvt.Ltd."
3. Dr. Sachin Mane, Prof Sudhanshu Pathak, Ms Subhashini Ramteke has filled the patent on "Resources Optimization in Traditional Surveying Practices" on 15 th April 2023
4. Mrs.Sneha Sawant had attended one week FDP on "Recent trends in Environment Health and Safety Aspects".



Dr A B More as External Referee

4	Dr Sachin Mane	India	Department of Civil Engineering D Y Patil College of Engineering Akurdi, Sector no 29, Nigdi Pradhikaran Akurdi 411044	India	Maharashtra	Pune	Pune
5	Mrs Aradhana Chavan	India	Department of Civil Engineering D Y Patil College of Engineering Akurdi, Sector no 29, Nigdi Pradhikaran Akurdi 411044	India	Maharashtra	Pune	Pune
6	Mrs Rohini Khandelwal	India	Department of Civil Engineering D Y Patil College of Engineering Akurdi, Sector no 29, Nigdi Pradhikaran Akurdi 411044	India	Maharashtra	Pune	Pune
7	Mr Avadhut Kulkarni	India	Department of Civil Engineering D Y Patil College of Engineering Akurdi, Sector no 29, Nigdi Pradhikaran Akurdi 411044	India	Maharashtra	Pune	Pune
8	Mrs Subhashini Ramteke	India	Department of Civil Engineering D Y Patil College of Engineering Akurdi, Sector no 29, Nigdi Pradhikaran Akurdi 411044	India	Maharashtra	Pune	Pune
9	Mrs Sharmista Chakraborty	India	Department of Civil Engineering D Y Patil College of Engineering Akurdi, Sector no 29, Nigdi Pradhikaran Akurdi 411044	India	Maharashtra	Pune	Pune

Patent Filled by Faculty



FDP Attended



Certificate of Appreciation

Name of Faculty Coordinator :

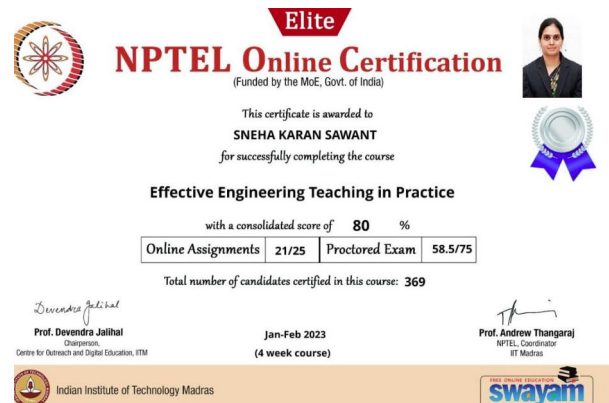
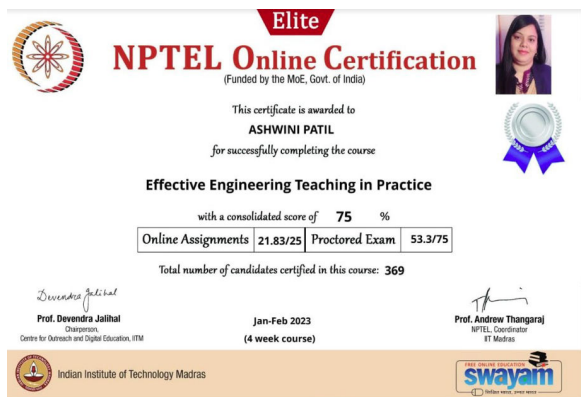
Ms Neha Bagdiya

Dr A.B.More
Head of Department

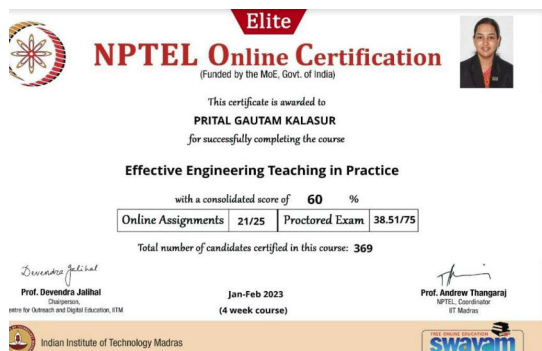
NEWS LETTER—APRIL 2023

Faculty Achievements:

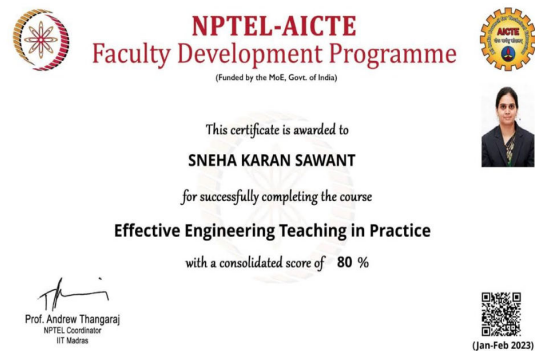
5. Mrs.Ashwini Patil has completed NPTEL Online Certification course “Effective Engineering Teaching in Praticce” with score of 75%
6. Mrs.Sneha Sawant has completed NPTEL Online Certification course “Effective Engineering Teaching in Praticce” with score of 80%
7. Mrs.Prital Kalasur has completed NPTEL Online Certification course “Effective Engineering Teaching in Praticce” with score of 60%
- 8.Mrs.Sneha Sawant has attended FDP on ”Effective Engineering Teaching in Practice”.



NPTEL online Certification



NPTEL Online Certification



FDP Attended

Name of Faculty Coordinator :

Ms Neha Bagdiya

Dr A.B.More

Head of Department

NEWS LETTER—APRIL 2023

Faculty Achievements:

9. Ms. Neha Bagdiya has attended five days FDP on “Developing Potential-Emerging Technologies of Computer Science” from 25 to 29th April 2023.

10. Prof. Dr. S.M. Shiyekar has got appreciation for paper presentation in “7th National Element Developers FEAST^{SMT} Users Meet” on 30th April 2023 which is organized by Vikram Sarabahi Space Centre, Indian Space Research Organisation, Thiruvananthapuram, Kerala.



Sri Balaji College of Engineering and Technology, Jaipur
Affiliated to Rajasthan Technical University, Kota



Department of Master of Computer Application
&
Department of Computer Science & Engineering

Five Days Faculty Development Program
On

“Developing Potential-Emerging Technologies of Computer Science”

Certificate

Ref. No. SBCET/AS/PAR/182

This is to certify that Ms Neha Bagdiya, Assistant Professor from D Y Patil College of Engineering Akurdi, Pune has participated in the Five Days Faculty Development Program from 25/04/2023 to 29/04/2023 at Sri Balaji College of Engineering and Technology, Jaipur.

Principal
SBCET

Executive
Coordinator

Research
Coordinator

Convener
CSE

Convener
MCA

FDP Attended



Paper Presentation Award

Name of Faculty Coordinator :

Ms Neha Bagdiya

Dr A.B.More

Head of Department

Students Achievements/ Participation :

1. Kunal Awari TE Student has been awarded first position in “TECH-A-THON” (48 Hrs Hardware Hackathon) Conducted by “ELECTROVERS.COM-TSEC” with department of electronics & telecommunication Engineering of Thadomal Shahani Engineering College .



Students Achievements and Participation

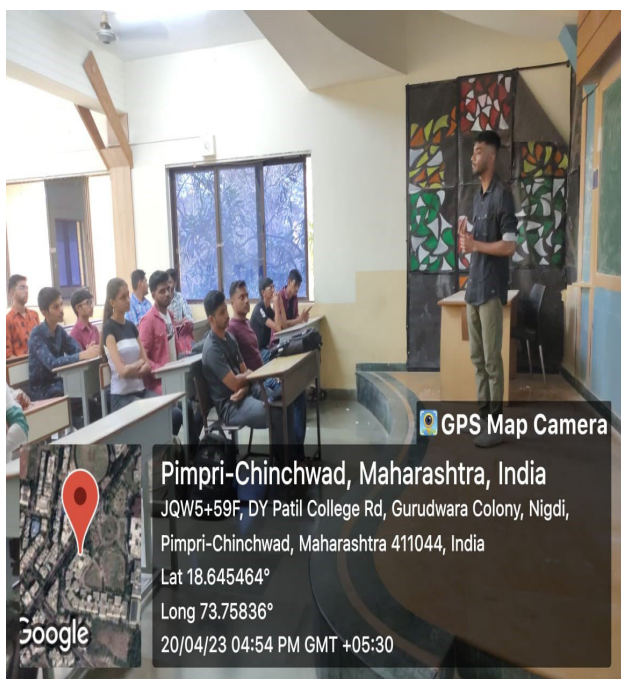
Name of Faculty Coordinator :

Ms. Supriya B Sathe / Dipalee D. Rane

Dr Mrs.M.A.Potey
Head of Department

Department Activities:

1. ACES Team of Department of Computer Engineering had organized one Day “Gate Preparation Talk “ . The event was held on 20 April 2023. Shreyash Chikte who has secured AIR 170 in GATE 2023 was the resource persons. Mrs. D.D. Rane was the Co-coordinator for the event .



Department Activities

Name of Faculty Coordinator :

Ms. Supriya B Sathe / Dipalee D. Rane

Dr Mrs.M.A.Potey

Head of Department

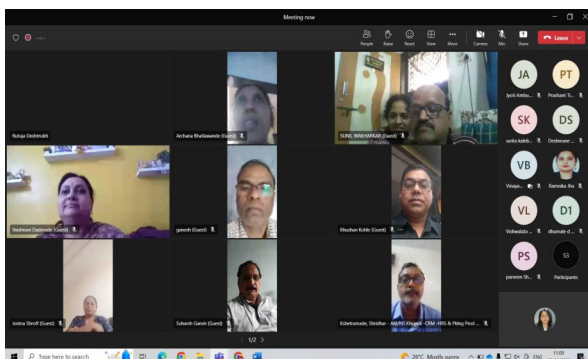
NEWS LETTER—APRIL 2023

1. Department Activities :

- 1.The department received the NBA Accreditation for 3yrs.
- 2.The department conducted the online Parents Teachers Meet for this semester on 8/4/2023.
- 3.The faculties from the department participated in Blood Donation drive held at DYPCOE on 12/4/2023.
- 4.The IETE organized Poster Making competition on Equality Day to mark the 132th birth anniversary of Dr. Babasaheb Ambedkar on 13/04/2023.
- 5.The SE students went for the INDUSTRIAL VISIT at Pune Tectrol P. L. Bhosari Pune on 17/04/2023.
- 6.The coding club of the department organized Coding Boot Camp for Second and Third year E&TC students. It has been started from 15 th April 2023 , and will be finished by 13 th May 2023.The Boot camp activities are being conducted on every Saturday .
- 7.The IETE STUDENT'S FORUM organized ' Earth day celebration' on 22/04/2023.

Faculty Achievements:

- 1.Dr Sarika Patil Published a paper on "Environmental Impacts of Improper Solid Waste Management" at European Chemical Bulletin ISSN 2063-5346,Volume:12, Special Issue No: 1, 2023 doi: 10.31838/



Name of Faculty Coordinator :

Dipalje Pujari

Dr. Rutuja Deshmukh
Head of the Department

NEWS LETTER—APRIL 2023

Students Achievements :

1. Sumeet Jadhav, Sarthak Gupta and Nikhil Motagi (TE E&TC) won TECH-A-THON '23' (48 Hrs HARDWARE HACKATHON) competition held at Thadomal Shahani Engineering College Mumbai with a cash prize of Rs.250000/-.
2. Onkar Jadhav (SE E&TC) won the prize at National Project EXPO-2K23 held at MIT ADTUs School of engineering & Science on 19/4/2023.
3. Anubhav Shankar Patil (TE E&TC) won an appreciation award at Push India Push (Indias biggest Push up competition) held at Balewadi stadium Pune on 15/4/2023.
4. Anubhav Patil, Nihal Dange and Vedant Bhamare (TE E&TC) won Satej Karandak (State Level Kabaddi Tournament) held at DYP COE on 5/4/2023.
5. SE A div student Veena Malikwade received the Nurturing Brilliance Scholarship from Cummins India Foundation.
6. Sarvesh Pawaskar (SE Div A) won First Prize at Poster Making Competition organized by IETE on Equality Day to mark the 132th birth anniversary of Dr. Babasaheb Ambedkar.



E&TC Students won the TECH-A-THON '23'



E&TC Students won the Satej Karandak (State Level Kabaddi Tournament)



Anubhav Patil appreciation certificate for Push Up India



Name of Faculty Coordinator :

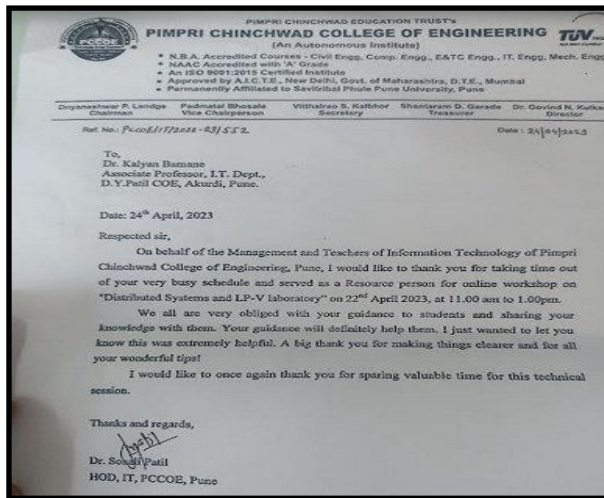
Dipalie Pujari

Dr. Rutuja Deshmukh

Head of the Department

Faculty Achievements:

1. Dr.Preeti Patil along with Mrs Jasmita Kaur, Mrs Saudamini Pawar Industrial Visit at Worldline global services pvt Ltd Hinjewadi Pune to discuss the implementation of MOU sign at 3.15pm on 13th April 2023.
2. Dr Kalyan Bamane as a Resource person for online workshop on “Distributed Systems and LP-V laboratory” on 22nd April 2023 at 11.00 am to 1.00 PM at PCCOE Pune.
3. Dr Preeti Patil has delivered Expert session on “Use of Social Medial “ at D.Y.Patil Arts,Commerce,Science Junior college Akurdi ,Pune on 10th April 2023.



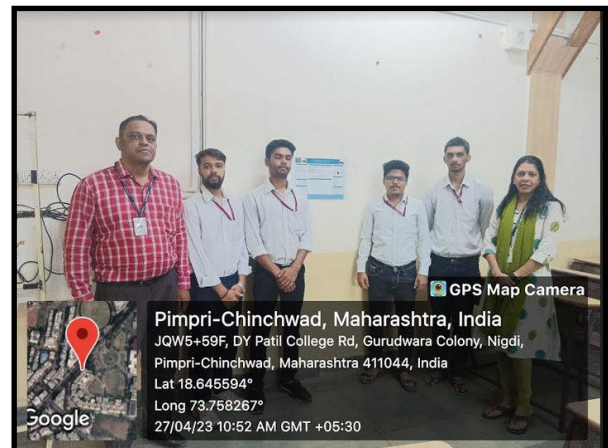
“Expert Session at DYP Junior College”

Department Activities :

- 1.Information Technology Department has delivered Expert session/NBA Guidance to Daulatrao Aher college of engineering, Karad on 5th April 2023.
- 2.Information Technology department has organized One week final year Project Poster Presentations from 24/4/2023 to 28/4/2023.



“Expert Session for NBA Guidance”



“Project Poster Presentations”

Name of Faculty Coordinator :

Mr Hiranman Jadhav

Dr Priti Patil
Head of Department

Student Achievements:

- 1.Mr Amol Netke has participated in Acquiring Data (Level 1-AI fundamentals of AI ASCEND) by Accenture on 15th April 2023.
- 2.Mr Anand Ghadge for attending A LIVE MASTERCLASS ON CONTENT WRITING on 22nd April 2023.



“Certificate of Participation”



“Certificate of Participation”

Name of Faculty Coordinator :

Mr Hiranjan Jadhav

Dr Priti Patil
Head of Department

NEWS LETTER - APRIL 2023

Faculty Achievements/Participations :

- ♦ **Participation in ISA Pune Section - Process Automation Conference 2023 on 28th April 2023.**:ISA celebrate its foundation day 28th April 1945 as an International Automation Professional Day. International Society of Automation, Pune section has hosted a Conference on Process Measurement, Controls and Automation themed “Driving Manufacturing Excellence through Process Automation”. On behalf of our ISA Students Chapter of Department, Dr B B Musmade, Faculty Advisor, and two student representatives of Chapter Mr Eric Fernandes, President and Mr Prathamesh Kale, program Chair attended the one day Conference at Hotel Tip Top International, Wakad, Pune on 28th April 2023.
- ♦ Mr. V. S. Vibhute invited as judge to IETE National level Project Competition 2023 at Bhivra-bai Sawant Institute of Technology & Research, Pune on 26/4/2023.
- ♦ Mrs. Archana R. Kesti has successfully completed NPTEL course on “ Teaching and Learning in Engineering” with score of 70% (Elite)



ISA Pune Section Working Committee



DYPCOE Team with some Alumni Participants



NPTEL Certificate



Mr. Vipin Vibhute—Judge at IETE National level Project Competition

Name of Faculty Coordinator :

Mrs. Arti Ajay Utikar

Dr B. B. Musmade
Head of Department

NEWS LETTER - APRIL 2023

Department Activities:

♦ **Panel discussion with Shark Tank India - Pune Startups** in our campus on 28th April 2023. The following entrepreneurs who are also recipient of investment from Shark Tank investors were members of panel discussion:

Mr. Pranav and Mr. Karan Korke: co-founders of The Healthy Binge.

Mrs. Sangeeta Sharma: co-founder of Sharma ji ka aata

Mr. Yogesh Shinde: Founder & CEO of Bamboo India

The schedule of the event was in four parts:

- 1) Panel discussion
- 2) Products display/sell
- 3) One to One interaction with founders.
- 4) Summer Internship opportunity with a startup

♦ Student Satisfaction Survey awareness session was conducted by HOD Dr. B. B. Musmade & faculty coordinator Mr. N. V. Mane. Total 78 students & 4 faculty members participated in this interaction session.



Panel discussion with Shark Tank India - Pune Startups



Student Satisfaction Survey Awareness Session

Name of Faculty Coordinator :

Mrs. Arti Ajay Utikar

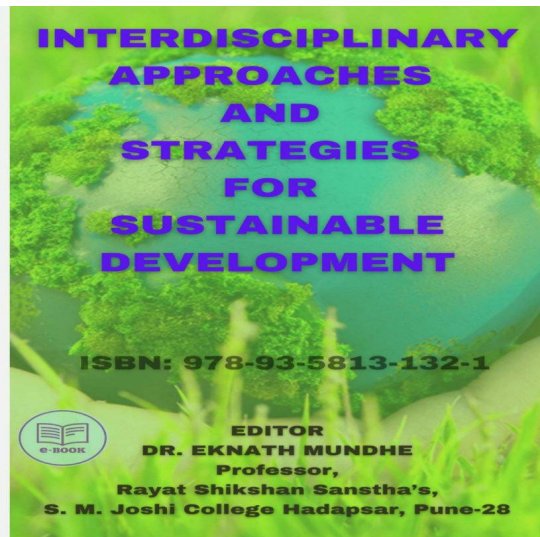
Dr B. B. Musmade

Head of Department

Faculty Achievements:

1. Dr.P.T.Nitnaware wrote a chapter “Study Of Different Nutrients And Nutritional Disorders An Overview” in the” Interdisciplinary Approaches And Strategies For Sustainable Development” book on April 2023.

2. Mr. Mongaldip Hait, Dr. Tapobrata Dey, and Dr. Sandeep S Sarnobat's paper titled 'Design and analysis of newly developed interdisciplinary two-wheeler shock absorber helical spring ' has been accepted for presentation at the conference IRMAS 2023 on April 11, 2023.



INTERDISCIPLINARY APPROACHES AND STRATEGIES FOR SUSTAINABLE DEVELOPMENT		
31.	SUSTAINABLE DEVELOPMENT CHALLENGES AND OPPORTUNITIES IN INDIA 2022 <i>Mr. D.N. Chane</i>	171-177
32.	GENDER EQUALITY AND STRATEGIES FOR WOMEN EMPOWERMENT <i>Dr. Prisa P. Singh, Dr. Kanchar Toyade, Rishu P. Singh</i>	178-186
33.	STUDY OF DIFFERENT NUTRIENTS AND NUTRITIONAL DISORDERS AN OVERVIEW <i>Dr. Kanchar Toyade, Dr. Prisa P. Singh, Dr. Pravin T. Nitnaware</i>	187-195
34.	DEVELOPMENT OF CONTENT TO COMMUNICATE THE CONCEPTUAL INPUTS OF ECONOMIC DIMENSION FOR SUSTAINABLE DEVELOPMENT <i>Dr. Prathibha S. Patankar, Sri.Gautam M. Mane</i>	196-203
35.	DEVELOPMENT OF CONTENT TO COMMUNICATE THE CONCEPTUAL INPUTS OF SOCIAL DIMENSION FOR SUSTAINABLE DEVELOPMENT <i>Dr. Prathibha S. Patankar, Sri.Gautam M. Mane</i>	204-210
36.	DEVELOPMENT OF CONTENT TO COMMUNICATE THE CONCEPTUAL INPUTS OF ENVIRONMENTAL DIMENSION FOR SUSTAINABLE DEVELOPMENT <i>Dr. Prathibha S. Patankar, Sri.Gautam M. Mane</i>	211-216
37.	CHALLENGES OF SUSTAINABLE AGRICULTURE IN INDIA <i>Gautam Aish Gupta</i>	217-221
38.	SUSTAINABLE DEVELOPMENT GOALS AND SAARC COUNTRIES: PROGRESS, CHALLENGES AND OPPORTUNITIES <i>Dr. Jayshree R. Dighe</i>	222-225
39.	SOFT SKILLS <i>Dr. Prathibha Sadashiv Desai</i>	226-229
40.	COMPREHENSIVE EDUCATION: AN OVERVIEW <i>Prof. Vikas Vilas Barge</i>	230-238
41.	IMPORTANCE OF SOFT SKILLS FOR WOMEN IN MODERN ERA <i>Asst. Prof. Kale Varsha Ajay</i>	239-244
42.	THREATS TO BIODIVERSITY AND ITS PRESERVATION <i>Shubhangi Rangari, Smita Rajput, Jyoti Ulkey</i>	245-255

chapter “Study Of Different Nutrients And Nutritional Disorders An Overview”

Fwd: IRMAS 2023 notification for paper ID: 50 Inbox x



Tapobrata Dey
to me

Apr 27, 2023, 1:25 PM (21 hours ago) ☆ ↶ ⋮

Dr. Tapobrata Dey
Associate Professor
PG Coordinator
Department of Mechanical Engineering
D Y Patil College of Engineering, Akurdi
Pune: 411044

----- Forwarded message -----
From: IRMAS 2023 <irmas2023@easychair.org>
Date: Tue, Apr 11, 2023 at 3:19 PM
Subject: IRMAS 2023 notification for paper ID: 50
To: Tapobrata Dey <tdey@dypcosakurdi.ac.in>

Dear Author,
Thank you for submitting your paper for IRMAS 2023. We are happy to inform you that the paper ID : 50 titled 'Design and analysis of newly developed two-wheeler shock absorber helical spring ' has been accepted for presentation in the conference. The review comments can be found in the bottom of this mail.

paper titled 'Design and analysis of newly developed interdisciplinary two-wheeler shock absorber helical spring ' has been accepted for presentation at the conference IRMAS 2023

Name of Faculty Coordinator :

Mrs. Monica P. Ugale

Dr.P.T.Nitnaware
Head of Department

Student Achievements:

- Ms Shrushti Umesh Ghurude was awarded with certificate of participation in 1.Java Application 2.Java Essentials on April 2023.
- Mr. Yash Kalsekar was awarded with Second prize for the Singing in the “ Firodiya Karandak” on April 2023



certificate of participation in 1.Java Application 2.Java Essentials on April 2023.



Second prize for the Singing in the “ Firodiya Karandak” on April 2023

Name of Faculty Coordinator :

Mrs. Monica P. Ugale

Dr.P.T.Nitware
Head of Department

Department Activities:

- Mechanical Department arranged felicitation's ceremony of "Team Predators Racing" for achieving great success in BAJA SAEINDIA 2023 championship on 25 April 2023.
- Department of Mechanical in Association with American Society of Material (ASM) International Pune Chapter Organizes One Week Faculty Development Program (FDP) On "Recent Trend In Advanced Manufacturing Technology" Is held between 24th to 28th April, 2023



felicitation's ceremony of "Team Predators Racing"

<p>Dr. Vinay Kulkarni Chairman, Campus Quality Management Cell</p> <p>Dr. Kiran Shiralkar Professor Mechanical Engineering Department</p> <p>Dr. Sachin Jambhale Assistant Professor, Mechanical Engineering Department</p> <p>Dr. N.K.Kamble HOD Robotics & Automation</p> <p>Dr. S.M.Shyekar Dean R & D</p> <p>Dr. Yogesh Kamble Workshop Superintendent</p> <p>Dr. Shyamsingh Thakar Assistant Professor, Mechanical Engineering Department</p> <p>Mr. A.K.Battu Assistant Professor, Mechanical Engineering Department</p> <p>Mr. V.W. Bembrekar Assistant Professor, Mechanical Engineering Department</p> <p>Dr. Vivek Diware Assistant Professor, Mechanical Engineering Department</p> <p>Mr. Vibhav phule Assistant Professor, Mechanical Engineering Department</p> <p>Dr. Dipankar Kakati Assistant Professor, Mechanical Engineering Department</p>	<p>Founder, Dr. D. Y. Patil Pratishthan</p> <p>PATRON Hon'ble Dr. Sanjay D. Patil President Dr. D. Y. Patil Pratishthan Hon'ble Shri Satej D. Patil Chairman Dr. D. Y. Patil Educational Complex, Akurdi, Pune Hon'ble Shri. Tejas S. Patil Trustee Dr. D. Y. Patil Educational Complex, Akurdi, Pune Honorable Rajendra Anant Vilasrao (Rajad) Campus Director (IC) Dr. D. Y. Patil Educational Complex, Akurdi, Pune</p> <p>CHIEF CONVENER Dr. Mrs. P. Malathi Principal (IC) D. Y. Patil College of Engineering, Akurdi, Pune Dr. S. S. Surabhat Vice Principal D. Y. Patil College of Engineering, Akurdi, Pune</p> <p>CONVENER Dr. P. T. Nitaware HOD, Mechanical Engineering Department Dr. Tapobrata Dey Institute PG Coordinator</p> <p>CO-CONVENER Prof. Vinod B. Hirase Asst. Professor, Mechanical Engineering Department Prof. Swati K. Dhanubale Asst. Professor, Mechanical Engineering Department</p> <p>ORGANIZING COMMITTEE</p>	<p>D Y Patil College Of Engineering, Akurdi, Pune-411044 Department of Mechanical in Association with American Society of Material (ASM) International Pune Chapter Organizes One Week Faculty Development Program (FDP) On "Recent Trend In Advanced Manufacturing Technology" Is held between 24th to 28th April, 2023</p> <p>Sector 29, Nigdi, Pradhikaran, Pimpri Chinchwad, near Akurdi Railway Station, Pune, Maharashtra 411044 Phone no. +91-20-27653058</p>
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(FDP) On "Recent Trend In Advanced Manufacturing Technology"

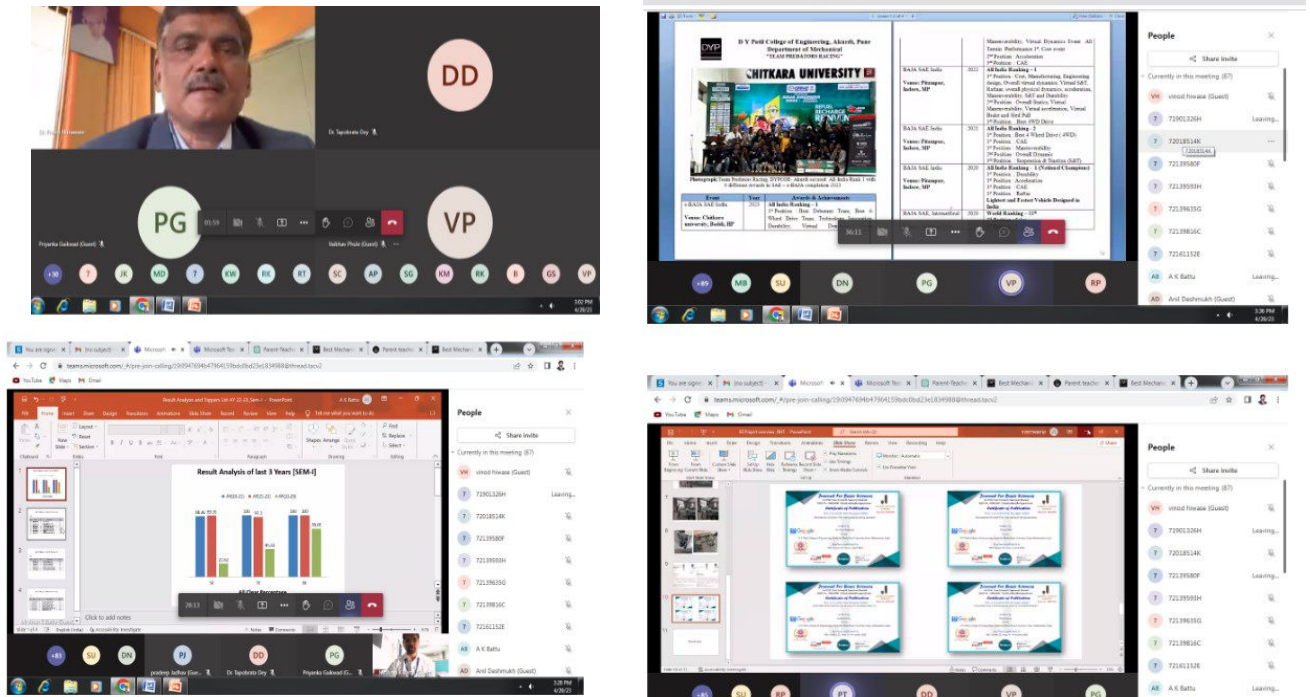
Name of Faculty Coordinator :

Mrs. Monica P. Ugale

Dr.P.T.Nitaware
Head of Department

Department Activities:

- The Mechanical department conducted a Parent’s Teacher Meet for Mechanical Engineering students on 29 December 2023.



Parent’s Teacher Meet for Mechanical Engineering students

Name of Faculty Coordinator :

Mrs. Monica P. Ugale

Dr.P.T.Nitware
Head of Department

NEWS LETTER – APRIL 2023

Faculty Achievements and Participation:

- Mrs. Pranjali S. Bahalkar has successfully completed NPTEL online Certification on "Machine Learning". Course duration from January to march 2023 and certificate awarded on 14th April 2023.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
PROF PRANJALI S BAHALKAR
for successfully completing the course

Machine Learning

with a consolidated score of **44** %

Online Assignments	13.4/25	Proctored Exam	30.3/75
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Total number of candidates certified in this course: **583**

Devendra Jalihal
Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Mar 2023
(8 week course)

Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS11S35450138

To validate the certificate



No. of credits recommended: 2 or 3

Faculty Participation Certificates

Name of Faculty Coordinator :

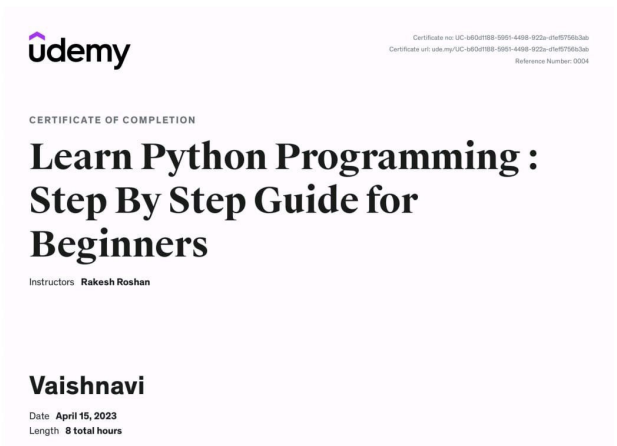
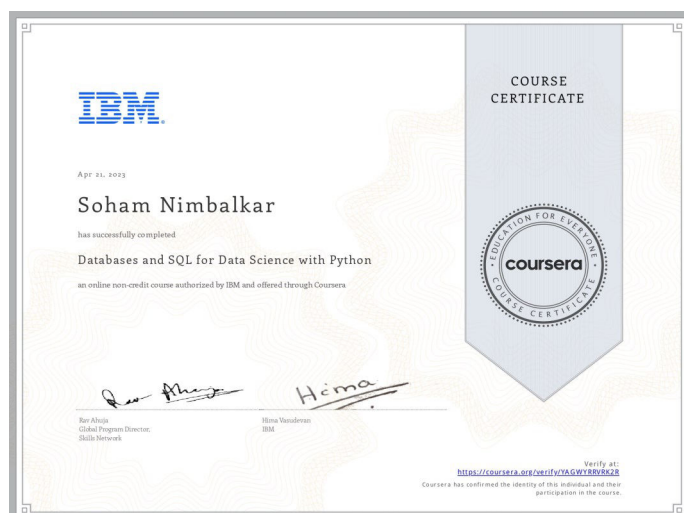
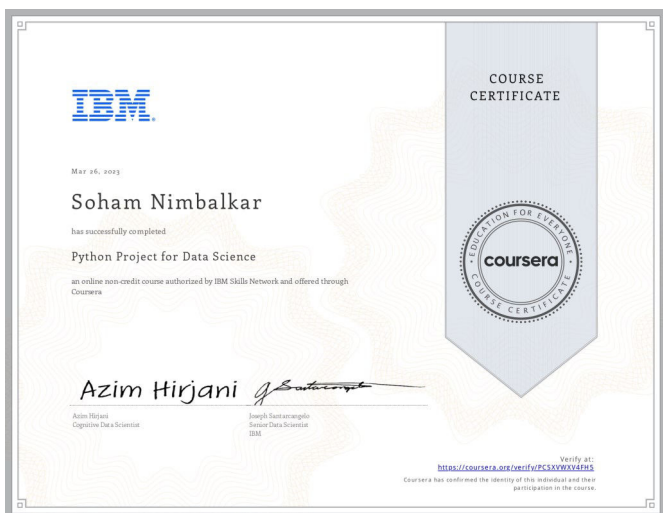
Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar
Head of Department

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Students Achievements:

- Mr. Soham Nimbalkar from SE A div, has successfully completed certification “Python Project for Data Science” and “Databases and SQL for Data Science with Python ” an online non-credit course authorized by IBM Skills Network and offered through Coursera on 21st April 2023.
- Ms. Vaishavi Ghodake From SE B div, has successfully completed certification “Learn Python Programming: Step by Step Guide for learner” on 15th April 23.



Students Achievements and Participation Certificates

Name of Faculty Coordinator :

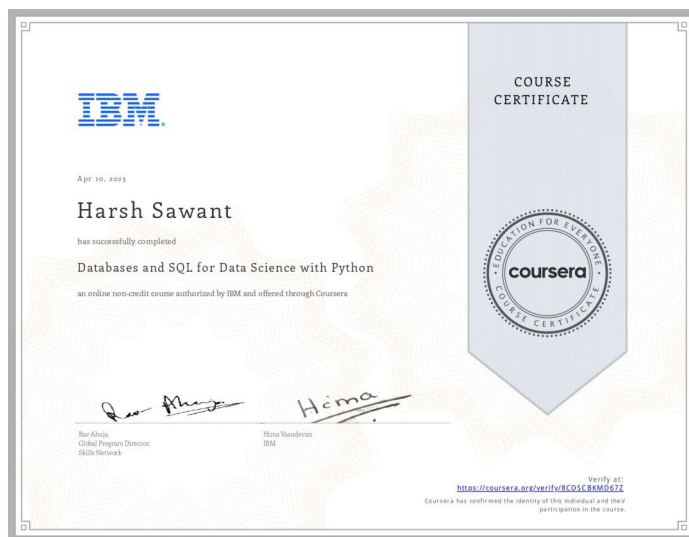
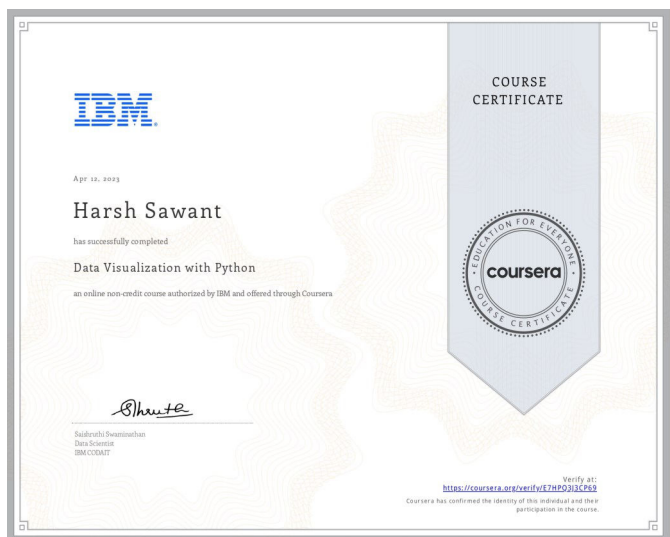
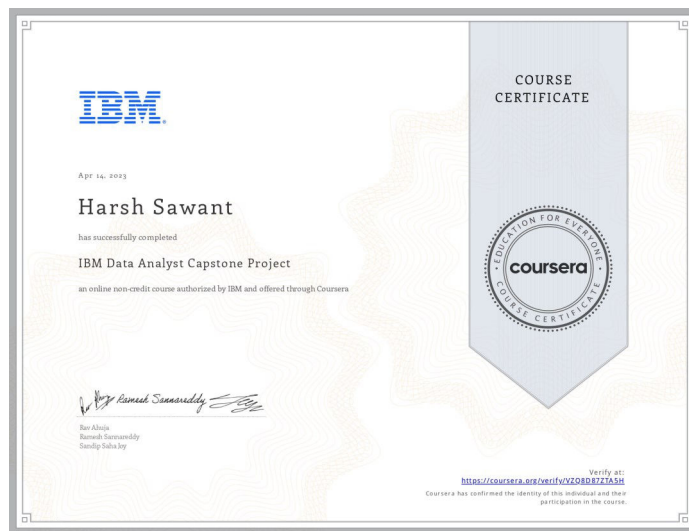
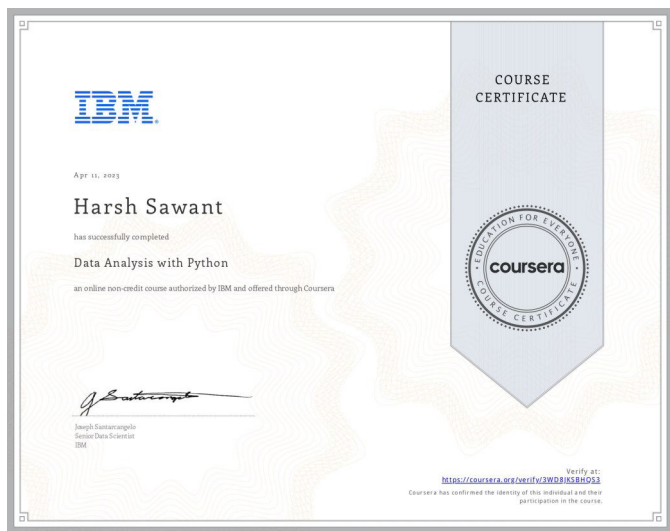
Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar
Head of Department

NEWS LETTER – APRIL 2023

Students Achievements:

- Ms. Harsh Sawant from TE A div , has successfully completed courses “Data Analysis with Python” on 11th April 2023, “IBM Data Analyst Capstone Project ” on 14th April 2023, “Data Visualization with Python” on 12th April 2023, “Databases and SQL for Data Science with Python” on 10th April



Students Achievements and Participation Certificates

Name of Faculty Coordinator :

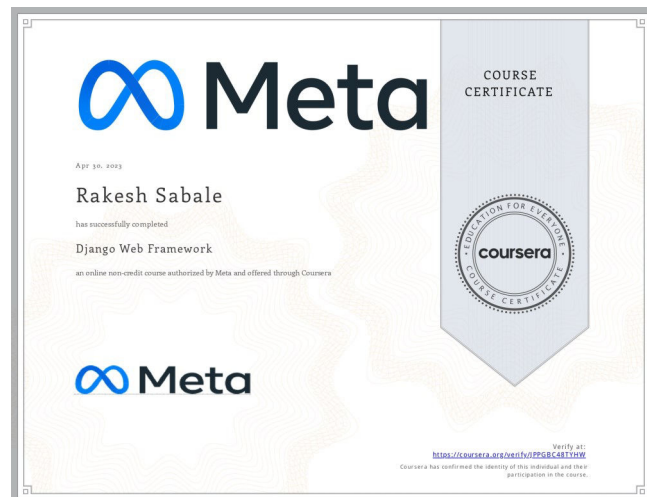
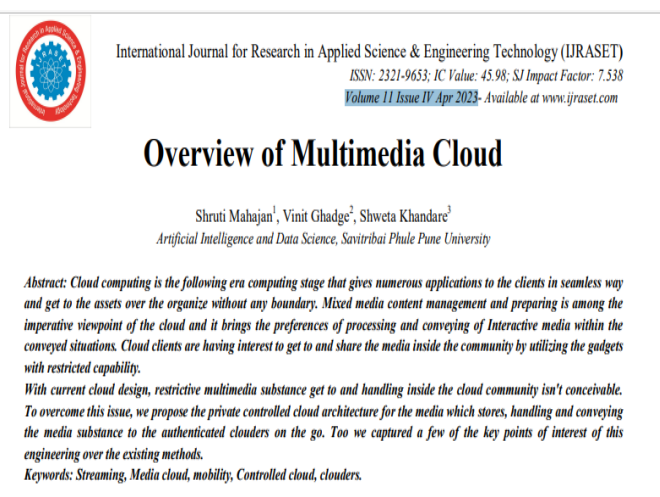
Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar
Head of Department

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Students Achievements:

- Mr. Tanmay Khardekar from TE A has successfully completed Udey certification course “The complete Python bootcamp from Zero to Hero in Python” on 26th April 2023.
- Ms. Shruti Mahajan, Mr. Vinit Ghadge, Ms. Shweta Khandare from TE A has published article “Overview of Multimedia Cloud” in International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 11 Issue IV April 2023.
- Mr. Sachin Kumar Kant from SE B successfully completed online “Django web framework” course on Meta platform on 13th April 2023.
- Mr. Rakesh Sabale from SE B has successfully completed “Django Web Framework” an online non-credit course authorized by Meta and offered through Coursera on 30th April 2023.



Students Achievements and Participation Certificates

Name of Faculty Coordinator :

Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar
 Head of Department

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Students Achievements:

- Mr. Vardhaman Begani from SE B, has successfully completed Great Learning certification course “Front Web Development” on 26th April 2023. “Basics of C++ ” on 21st April 2023. and “Oops in C++ ” on 22nd April 2023. guided path on Code studio.
- Mr. Aditya Kaklij and his team from TE A div, has received \$3000 grant (scholarship) from the stark_con blockchain for their project Resmic (Formely dePay).



Students Achievements and Participation Certificates

Name of Faculty Coordinator :

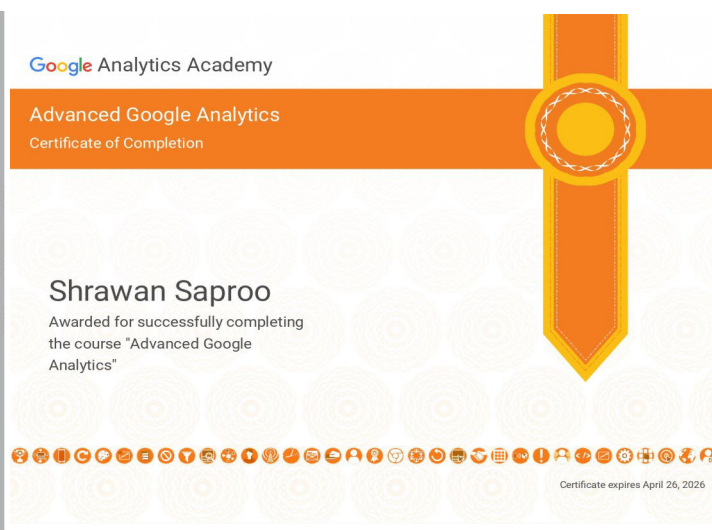
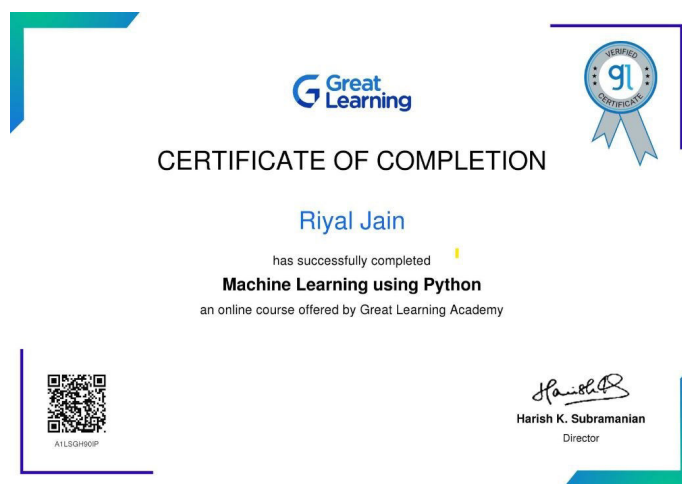
Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar
Head of Department

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Students Achievements:

- Ms. Riyal Jain from SE B div, has successfully completed “Machine Learning using python” and “Front end development ” an online course offered by Great Learning Academy on April 23.
- Ms. Siddhi Narlawar from SE A div, has successfully completed “Foundations: Data, Data, Everywhere” an online non-credit course authorized by Google and offered through Coursera on 26th April 23.
- Mr. Shrawan Sapuro from SE A div, has Awarded for successfully completing the course "Advanced Google Analytics” on 26th April 23.



Students Achievements and Participation Certificates

Name of Faculty Coordinator :

Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar
Head of Department

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Students Achievements:

- Mr. Yash Pame from TE A div, has present IEEE International Conference paper “A Novel Approach to Maze Solving Algorithm ” conference held on 1st to 3rd march 2023 and paper is available in IEEE Explore Digital Library as conference Proceedings on 20th April 2023.

2023 International Conference on Emerging Smart Computing and Informatics (ESCI)
AISSMS Institute of Information Technology, Pune, India. Mar 1-3, 2023

A Novel Approach to Maze Solving Algorithm

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531.00 ©2023 IEEE | DOI: 10.1109/ESCI56872.2023.1009728

Abstract—This research aims to address the maze discovery issue of an autonomous micro-mouse bot in an unknown maze. In this paper, An algorithm is proposed to search for unknown mazes and find the shortest path. The maze considered here is built according to the IEEE standards. To map the maze, we use a 2-Dimensional matrix to mark the visited and unvisited squares of the maze and a 2-Dimensional list is used to store the path travelled by the bot and a variable is defined which stores the current location of the bot with respect to the maze and the matrix. Our task is to discover the maze and then find the shortest distance to reach the target square in the maze. Every movement of the micro-mouse is stored in a list and this list is converted to a graph-like structure on which we apply a variant of the Breadth-first Search Algorithm to get the shortest path. But the proposed algorithm is also flexible to use other algorithms such as Depth-first search or A*. This paper presents an easy approach to the IEEE standard robot maze-solving algorithm.

used in robots which would be programmed to rescue people stuck at unknown locations such as in an exploded building, forests, etc.

The proposed algorithm also gives a solution to the loop problem which was faced in many previously developed algorithms. The algorithm gives a guarantee of completeness and solution. It provides the shortest path to reach the destination. Also, the algorithm explores the complete maze, so it can also give the shortest distance to reach any two points in the maze.

The maze considered here is built according to the IEEE standards. However, the proposed algorithm guarantees a solution to all the mazes whether they are built according to IEEE standards or not.

II. LITERATURE REVIEW

Students Achievements and Participation Certificates

Name of Faculty Coordinator :

Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar
Head of Department

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Department activities:

- Department of Artificial Intelligence and Data Science Engineering Organized a industrial visit to “C-DAC, Pashan” for Third Year (Elective NLP subject students) on 24-04-2023. This visit was coordinated by Dr. Bhagyashree Tingare (Assistant Professor –AI & DS) and Mrs. Pranjali Bahalkar (Assistant Professor –AI & DS) and 26 students visited to company.



Some Glimpses of the Visit

Name of Faculty Coordinator :

Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar
Head of Department

Students Achievements/ Participation :

1. Industrial visit of S.E. student was organized to JENDAMARK INDIA PVT. LTD. Jendemark automation designs & builds world class assembly lines and special purpose machines for the global automotive manufacturing sector. Jendemark specializes in delivering solutions in three key areas - powertrain catalytic converter & electric vehicle power assembly.



Students Achievements and Participation

Name of Faculty Coordinator :

Mrs. Sujata U. Khirao

Dr N. K. Kamble

Head of Department

Department Activities:

1. Event was organized for inauguration of SARA and CENTER OF EXCELLENCE signing between India First Robotics and Department of Robotics and Automation, DYPCOE. The Chief Guest was Mr. Vinay Kunwar, director of India First Robotics.



Department Activities

Name of Faculty Coordinator :

Mrs.Sujata U. Khirao

Dr N. K. Kamble

Head of Department

Newsletter Team:

Dr. Mrs. P. Malathi (Principal)

Mrs. Dipalee Divakar Rane , Assistant Professor, Computer Engineering

Mrs. Arti A. Utikar, Assistant Professor, Instrumentation & Control

Mrs. Swati S. Jadhav, Assistant Professor, First Year Engineering

Mr. Hiranman Jadhav, Assistant Professor, Information Technology

Ms. Dipalie Pujari, Assistant Professor, Electronics & Telecommunication

Mrs. Monika P Ugale, Assistant Professor, Mechanical Engineering

Mrs. Trupti Lonkar, Assistant Professor, AI and DS

Mrs. Sabrina Kazi, Assistant Professor, First Year Engineering

Mrs. Neha Bagdiya, Assistant Professor, Civil Engineering

Mrs. Sujata Khirao, Assistant Professor, Robotics & Automation

Ms. Supriya Sathe , Assistant Professor , Computer Engineering

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Dr. Mrs. P. Malathi
Principal



Mrs Dipalee D. Rane
Coordinator



Mrs Arti A. Utikar
Coordinator



Mrs Swati Jadhav



Mr. Hiranman Jadhav



Ms. Dipalje Pujari



Mrs. Trupti Lonkar



Mrs. Monika P Ugale



Mrs. Neha Bagdiya



Mrs. Sabrina Kazi



Mrs. Sujata Khirao

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<https://www.dypcoeakurdi.ac.in>

For enquiry or information : info@dypcoeakurdi.ac.in

For any other queries contact (College reception): +91-20-27653058