

**DYP**

Dr. D. Y. PATIL PRATHISHTHAN'S

Dr. D. Y. PATIL PRATHISHTHAN'S

# **D. Y. PATIL COLLEGE OF ENGINEERING**

Sector 29, Nigdi Pradhikaran, Akurdi, Pune 411044

Affiliated to **SAVITRIBAI PHULE PUNE UNIVERSITY**

Approved By **AICTE & GOVERNMENT OF MAHARASHTRA**

Accredited by **NAAC** with '**A**' GRADE

Accredited by **NBA**

**DTE Code - EN 6272**

*39 years  
of Excellence in Education  
(Estd. in 1984)*



Phone: +91-20-27653054 / 58

Fax : +91-20-27653057

E-mail : [info@dypcoeakurdi.ac.in](mailto:info@dypcoeakurdi.ac.in)

Website: [www.dypcoeakurdi.ac.in](http://www.dypcoeakurdi.ac.in)



**-: VISION :-**

**"Empowerment Through Knowledge"**

**-: MISSION :-**

To educate the students to transform them as Professionally Competent, Quality Conscious Engineers by providing conducive environment for teaching learning and overall personality development, culminating the Institute into an International seat of excellence.

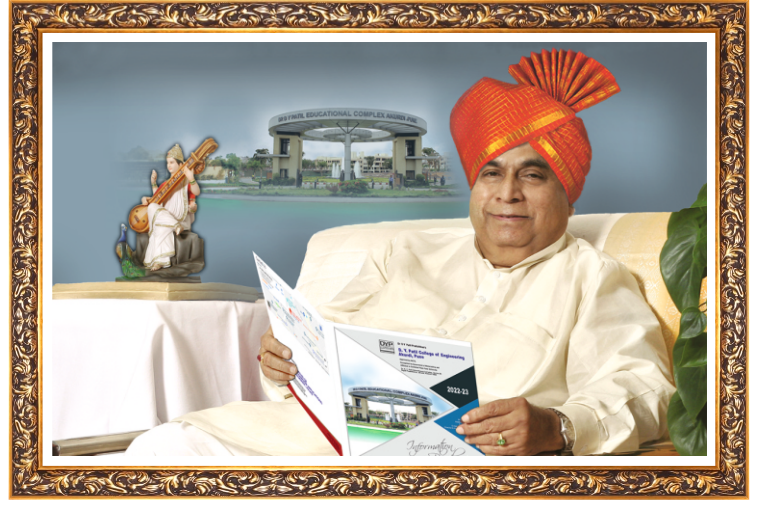
**-: QUALITY POLICY :-**

Let us work "STILL BETTER" for Excellence.



*Empowerment through Knowledge*

**Padmashree Dr. D. Y. Patil**  
(Ex-Governor - Tripura, Bihar & W. Bengal)  
Founder, Dr. D. Y. Patil Pratishthan



*I am very proud to share that our Colleges under D. Y. Patil Pratishthan's one of the most eminent Higher Educational Institution today and is renowned for standards of its Faculties, Students and Alumni. It is constantly pushing the frontiers of knowledge and ensures the futuristic approach that keeps pace with the changing trends of the Professional world. It is a matter of pride and privilege for me to see all of you doing well as Teachers and Students. Let me remind you that, academic success has always been cherished tenfold when coupled with achievements in the various other non-academic arenas. I wish and hope that all of you continue with same zest and contribute nobly as future pillars of the nation*

*I wish the students studying at D. Y. Patil Institutes all the very best in their future endeavours and grand success to the faculties in their efforts to impart excellent education.*

*God Bless you all.*



**Hon. Dr. Sanjay D. Patil**  
President,  
Dr D Y Patil Pratishthan



**Hon. Shri. Satej D. Patil**  
Vice President  
Dr D Y Patil Pratishthan  
& Chairman,  
Dr D Y Patil Educational Complex,  
Akurdi,



**Hon. Tejas S. Patil**  
Trustee  
Dr D Y Patil Pratishthan

## About College...

**D Y Patil College of Engineering, Akurdi**, Pune was established in the year 1984 in the vicinity of Pimpri Chichwad Industrial Area, one of the largest Industrial Belts in Asia. The Institute is catering Engineering education for UG, PG courses & Ph. D program . The college has been accredited by NAAC with **“A” GRADE** and is approved by AICTE, New Delhi. It is also **accredited by NBA** for the programmes of IT, Instrumentation & Control, E&TC & Civil Engg. The college is affiliated to Savitribai Phule Pune University.

## Courses Offered...

UNDER GRADUATE COURSES		
Courses	Intake	Year of Estd.
Computer Engineering	180	1984
Electronics & Telecommunication Engineering	180	1984
Mechanical Engineering	120	1984
Civil Engineering	120	1986
Information Technology	180	1999
Instrumentation and Control	60	1993
Artificial Intelligence & Data Science	180	2020
Robotics & Automation	60	2021
POST GRADUATE COURSES		
Courses	Intake	Year of Estd.
Computer Engineering	13	2003
Mechanical- Design Engineering	18	2005
Civil - Environmental Engineering	18	2012
Civil - Construction & Management	18	2009
E&TC - VLSI & Embedded Systems	09	2012
Robotics & Automation	15	2006
Ph.D RESEARCH CENTRE		
Electronics and Telecommunication Engg	--	2016
Mechanical Engineering	--	2021



## FIRST YEAR ENGINEERING

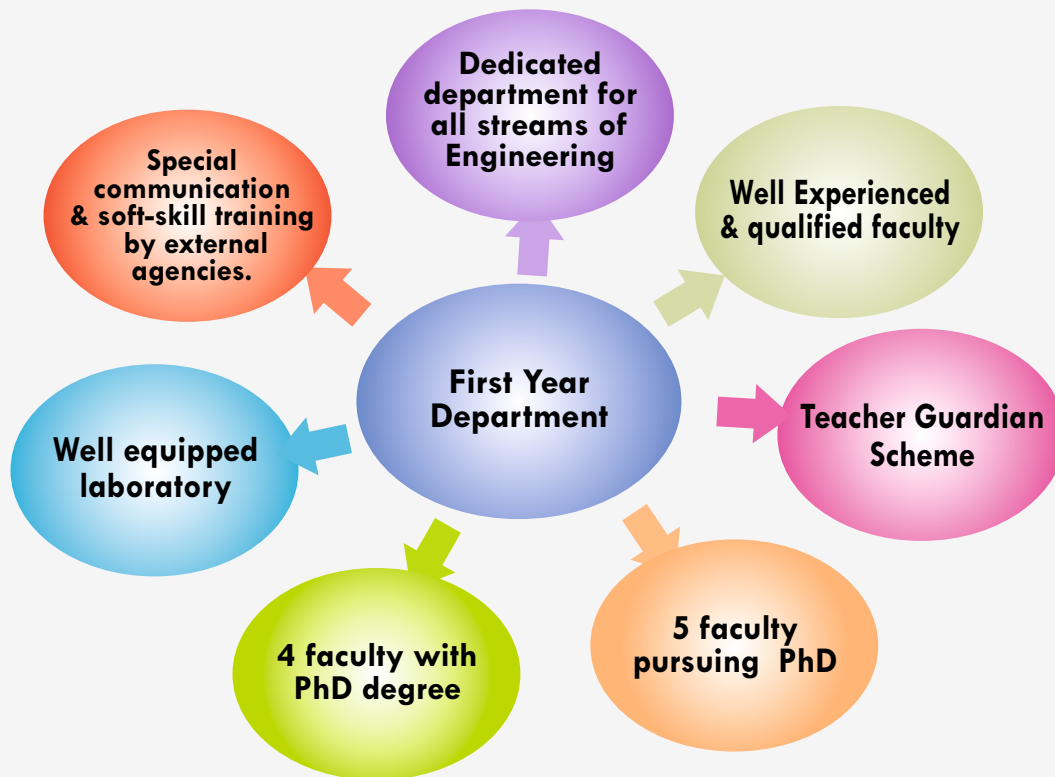
### VISION

Empowerment through Knowledge.

### MISSION

To provide firm foundation to the aspirants of various streams of engineering.

## Career Scope



## List of Laboratory

Engineering Physics Lab

Basic Electrical Lab

Engineering Mechanics Lab

Central Computer Lab

Engg. Chemistry Lab

Systems of Mechanical Engg.Lab

CAD CAM Lab

Basic Electronics Lab

Language Lab

Workshop

## Toppers of FE Department

Sr. No.	Name of Student	CGPA	Academic Year
1	Pardeshi Om Rajesh	9.73	2021-22
2	RajlaxmiAwatade	9.73	2021-22
3	Shweta Shivaji Shinde	9.73	2021-22
4	Prajwal Bhaskar Sanap	9.73	2021-22

## Students' Achievements



Ms. Anchal Khadse, Mr. Tejas Jadhav, Mr. Jayesh Sandane, Mr. Girish Valvi, Mr. Vinay Bidwe and Mr. Rudra Phadtare, won second prize in SPPU's intercollegiate Roll Ball Competition.



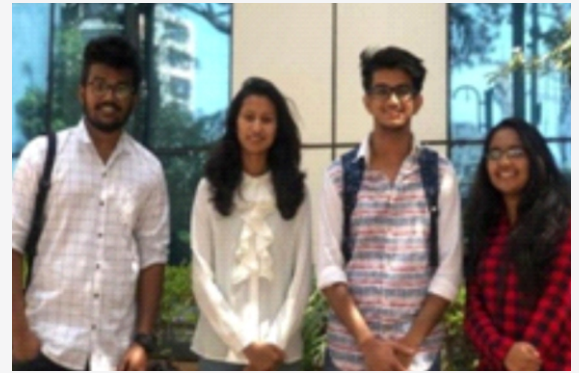
Mr. Thejas Raja Elandassery, represented his Project Smart Agriculture and Living at 'Indian Institute of Technology Bombay' in the Event IIT Techfest and Secured 4th Position in All India Level.



Mr. Aman J. Kathale Qualified for 65th National Shooting Championship Pistol Event Organized By NRAI

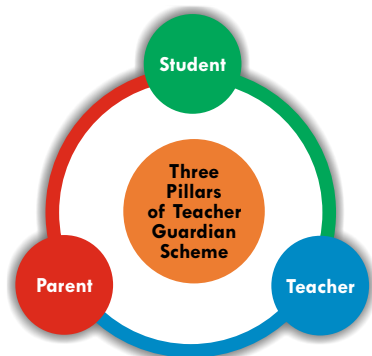


Mr. Tilak Jayant Jadhav is representing Maharashtra Cricket Team under BCCI since 2017.

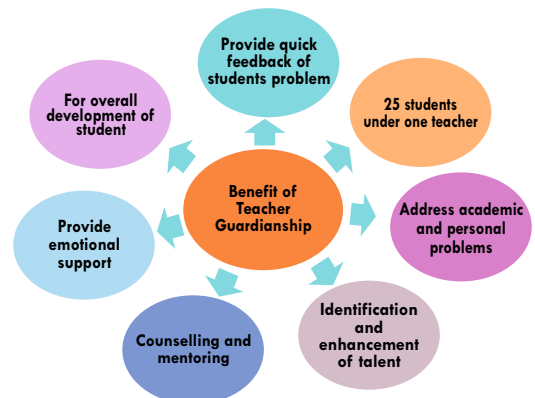


Ms. Anushka Deshpande , Ms. Ishika Prasad, Mr. Pawandeep S. Dhall, Mr. Sameer Deshpande filed three Patents (Patent Name - PALANCA, THE DETENER, THE VELOCIDAD)

## Teacher Guardian Scheme



## Benefit of Teacher Guardian Scheme:



## DEPARTMENT OF COMPUTER ENGINEERING

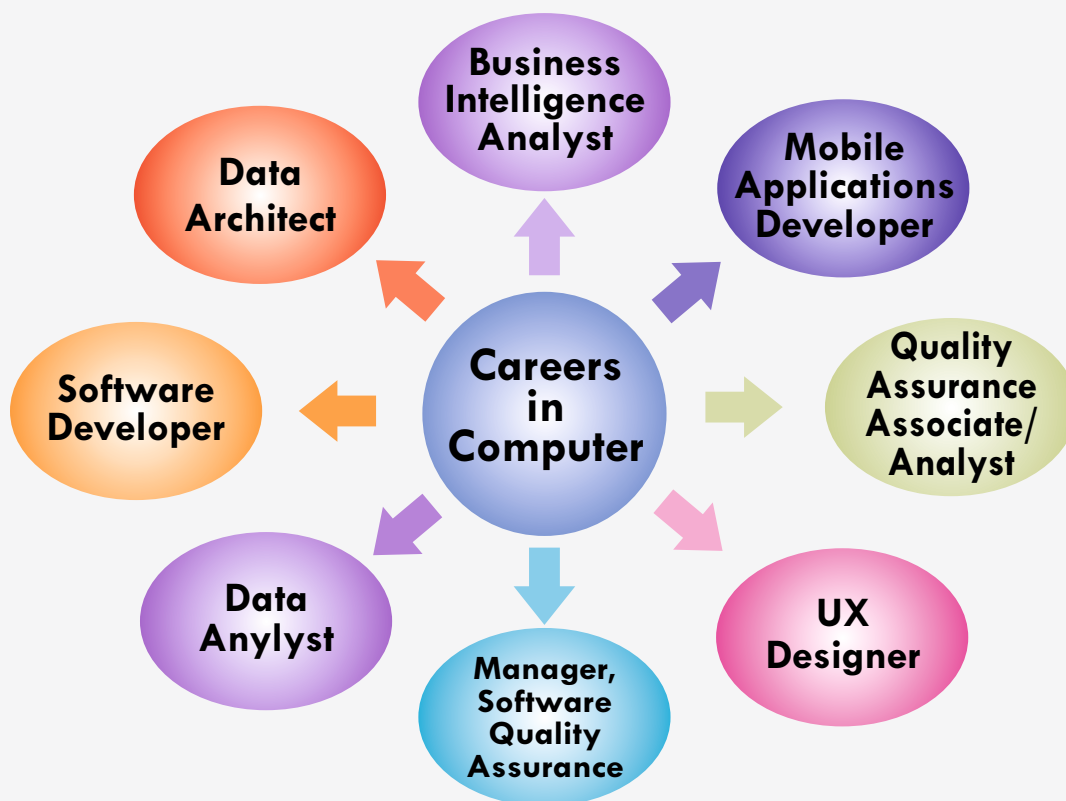
### VISION

To craft a motivated cluster of Computer Engineers for Academic Excellence

### MISSION

- To instill academics in Computer Engineering by providing conducive and disciplined environment for lifelong learning.
- To build the right attitude in the students to devise, extend and investigate software systems in all domains.
- To implant the resilience of knowledge enhancement, proficiency and team work in the students to make them globally competent.

## Career Scope



## About Department

- The department has laboratories that are fully equipped with latest configuration, licensed software and Internet facility.
- Department has experienced and dynamic faculty members.
- The Department is continuously striving for excellence in Engineering Education and Research with focus for development, growth and entrepreneurship of the students. It gives exposure to its students, to the regular Engineering curriculum and also to the aspirations of today's corporate world, by inculcating a professional attitude in them. The Department has highly qualified faculty members.
- The department is actively involved in developing the skills required for sustaining and maintaining the employability of students in the corporate world.

## Department Achievements

- A center of Excellence has been established in Artificial Intelligence and Cloud Computing powered by ESDS Software Solution Pvt. Ltd., Nashik.
- 27 MoUs have been signed with various software companies. A series of activities are conducted under these collaborations.
- Mrs. Shanti Guru, Asst. Prof. got the best paper award in International Conference, Satyabhama University, Chennai (May 2021).
- Mrs. Dipali Kirange , Asst. Prof. is the topper of NPTEL FDP course on “Cloud Computing” for the year 2023.

## Students' Achievements

- Ms. Saumya Sinha secured 7 th rank in SPPU merit list of B.E.(2015Pat.) May, 2021 exams.
- Mr. Prateek Thakare secured 7 th rank in SPPU merit list of B.E.(2015Pat.) May, 2021 exams.
- Mr. Avishkar Hande 2023 Batch BE Student is selected in JUSPAY Company with Role of Software Development Engineer with a package of 27 LPA .
- TE students Bhushan Kale and Om Gawande participated as a Team Dokedukhi Designers and won the Design Hack 2023 organised by Winjit Technologies Pvt Ltd. They received Rs 40,000 as prize money.
- BE students Ms. Ayushi Nandeshwar and Mr. Abhir Padhye won Second Runner Up in SUPER EVENT MANAGER -NIEM Institute of Event Management .

TE students Bhushan Kale and Om Gawande participated as a Team Dokedukhi Designers and won the Design Hack 2023 organised by Winjit Technologies Pvt Ltd. They received Rs 40,000 as prize money.



Shreyash Chitake TE got AIR Rank 170 in GATE Examination 2023



Students of Computer Engineering Department won 1st prize worth Rs 1 lakh in Smart India Hackathon Software edition which was held in Chennai 25-26 August 2022.



TE students won Microsoft Hackathon conducted at DYPIEMR stood Second runner up and bagged 20k cash prize Team : Optimizers Project Name : Coinstack



# DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

## VISION

Integration of quality learning experience with technological advancements in the field of Electronics & Telecommunication to achieve global competency with human values.

## MISSION

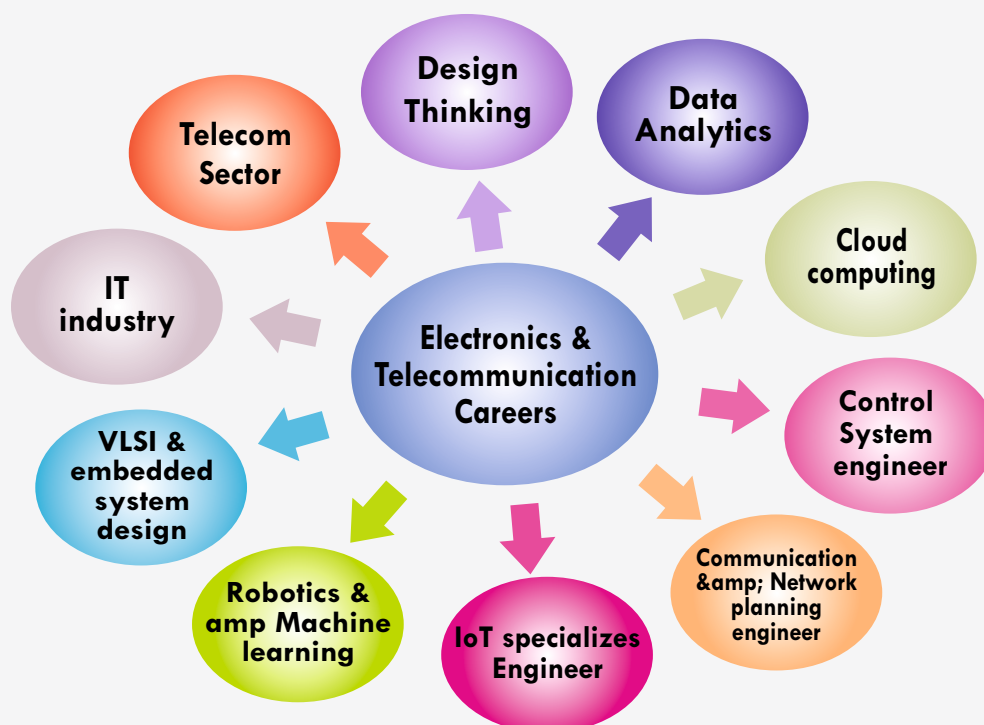
- Gateway of Knowledge: To create a gateway of knowledge by engaging students in cutting edge technologies, electronics, communication and intelligent systems.
- Impactful quality education: To provide a conducive environment that ensures academic excellence with professional and managerial skills.
- Global competency: To promote multidisciplinary activities for skills development required to solve complex technological problems for societal benefit.
- Start-up and Entrepreneurship: To foster the spirit of innovation and creativity by encouraging entrepreneurship and start-ups.
- Higher studies and research: To motivate the students for higher studies and instill a research outlook corresponding to modern technology.

## About Department

The department is a blend of experienced, highly qualified, and motivated academic faculty contributing to academic excellence by providing students the best possible education and training. The department aims to impart quality education, training, and research by providing a healthy and conducive environment. The department has a well-equipped technical infrastructure with the latest software and hardware for design, simulation, and testing.

The goal of our department is to produce skilled, globally competent professionals through quality technical education and to prepare them for immediate employment and budding entrepreneurs. The department provides the best platform for students for showcasing the best practices, latest technological advancements, and their implementation and impact on the industry.

## Career Scope



## Strengths of the Department

Sr. No.	Particulars	Details
1.	Faculty Qualification	Ph D: 05, PhD Pursuing: 14
2.	Total Publications	128
3.	Copyrights	10 copyrights published
4.	Patents - Staff, Students	18 Filed, 04 by students
5.	Centre of excellence	1. COE in IoT 2. COE in Satellite Communication
6.	Funded projects	1. Received a sanction of Rs.13,18,000/- for MODROB Proposal under AICTE – MODROB Scheme. 2. Submitted a research project to SERB of Rs.10,80,000

## Department Achievements

Department has two centres of Excellence one in Internet of Things in association with InTellee Information Technology, Canada and SKADA Technology, Pune another Centre of Excellence in Satellite communication powered by Institute of Satellite Telecom (ISTC), Pune.



Center of Excellence in Satellite Communication powered by Institute of Satellite Telecom (ISTC), Pune.



Centre of Excellence in Internet of Things in association with InTellee Information Technology, Canada and SKADA Technology, Pune.

**Dr. Mrs. P Malathi** received **Best Women Teaching Faculty (Engineering) Award 2021** by ISTE-Maha Goa Section Award on 27th August 2022.

**Dr. D. G. Khairnar** has been elected as an **Executive Committee member** of **Pune IETE centre**.

**Dr. Rutuja Deshmukh** is elected as a **Secretary for IEEE Signal Processing Society Pune Section**.

**Dr. Mrs. P. Malathi** along with **Mrs. Manisha Rajput** received a sanction of **Rs.13,18,000/-** for MODROB Proposal under AICTE- MODROB Scheme.

**Dr. Rutuja Deshmukh, Dr. D.G Khairnar, Mr.Prabhu Reddy, Mr.Yogesh Shirke, Mrs. Aparna Shinde and Mrs. Trupti Wagh** filed a patent on “Computer Aided Diagnosis using Deep Learning”.

### NASSCOM Future skills

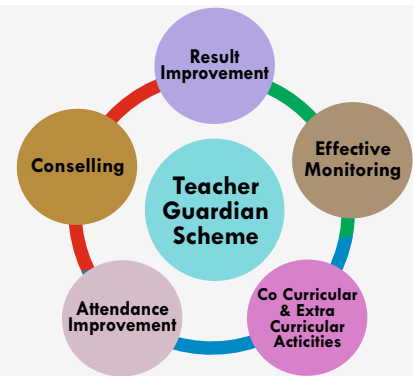
These courses are run under Ministry of Electronics & Information Technology, India. DYP educational complex is the official partner of these courses, Students Take various courses such as Machine Learning, Introduction to Cyber security, Introduction to IoT, Fundamentals of Data Analytics etc.

### IIT Bombay Remote Centre

IIT Bombay runs various certification courses & workshops in collaboration with DYP COE under IIT Bombay Remote Centre.

### IIRS ISRO Outreach Program

Various courses run under ISRO India. DYP COE is the official center for training. Around 350 students and faculties have completed different courses successfully.



**Mr. Omkar Madhukar Pawar** a 2014 pass out student secured **Rank 194 in UPSC 2022** and has been selected as an **IAS officer**.



**Ms. Muskan Gandhi** have received an offer from **New York University Tandon School of Engineering** for their Master's of Science in Computer Engineering program for Fall'22 Term. NYU has given her a **14,000 USD (Rs.12 Lakh)** scholarship.



**Mr. Keshav Kumar** received **3 Gold Medals** for securing highest marks in the University at the BE (E&TC) 2022 exam and stood first amongst all the students (University Rank 1)



**Ms. Sreelaskmi Deshpande** a 2022 graduate student of the department was selected in **Mercedes Benz** in **R&D department**

## MOUs of the Department



**MoU signing for Centre of Excellence in Internet of Things** in association with **InTellee Information Technology, Canada & SKADA Technology, Pune.**

Sr. No	Name of the Institution/ Industry/ Corporate House	Year of Signing
1.	<b>Intellee Information Technology</b>	7/1/2019
2.	<b>Institute of Satellite Telecom Pvt Ltd Pune</b>	4/9/2018
3.	<b>PMS Robotics Research Center</b>	12/7/2018
4.	<b>Dolphin Labs</b>	13/08/2021
5.	<b>Techno Air Solutions, Vadgaon Bk, Pune</b>	21/12/2021
6.	<b>Yashaswi Electronics</b>	22/05/2022

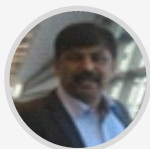
## Eminent Alumni



**Mr. Dhruv Batra**  
**(1992 Passout)**  
Former Scientist  
Bangalore Axiome Research Lab



**Mr. Prashant Gandhi**  
**(1993 Passout)**  
Chief Product Officer  
at Big Switch Networks, USA



**Mr. Parag Alekar**  
**1994 Passout**  
CEO  
Nicolas Correa S. A



**Mr. Pravin Mutha**  
**1995 Passout**  
President,  
Panchshil Realty

## DEPARTMENT OF MECHANICAL ENGINEERING

### VISION

Strengthening Society with Skilled Engineers.

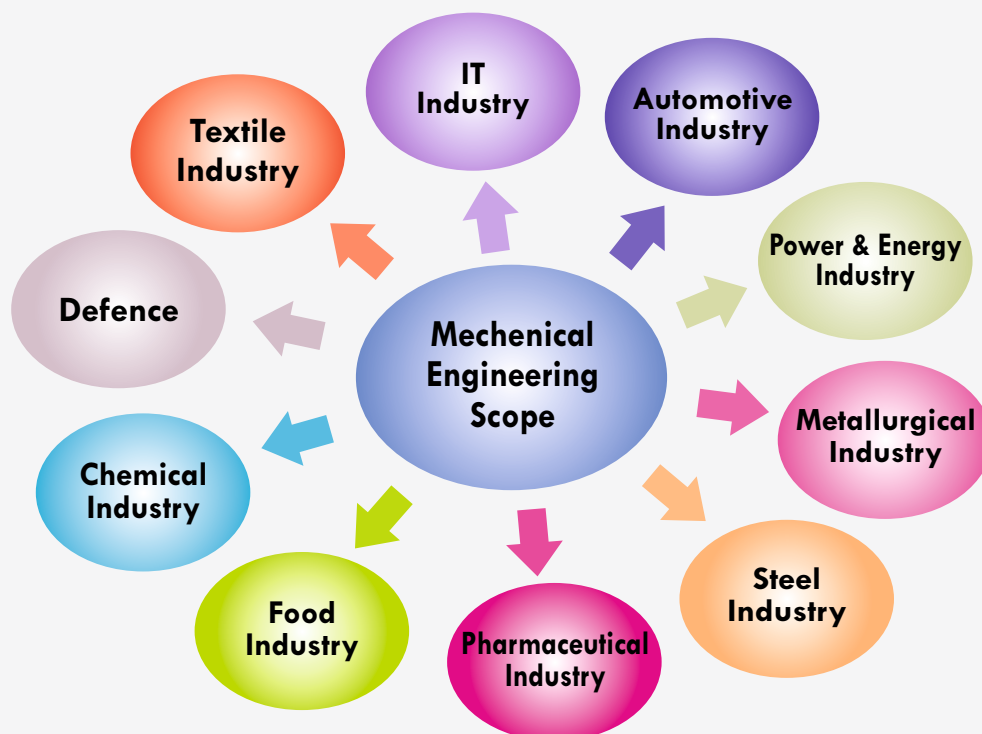
### MISSION

To impart knowledge of all Mechanical Engineering subjects, through effective, modern teaching-learning processes. Students will be able to apply this knowledge to solve the problems of society in the field of energy, healthcare, environment and safety. Students will be empowered for higher education, employment and entrepreneurship with professional ethics.

## About Department

- Mechanical Engineering, one of the oldest, versatile and evergreen branches of engineering.
- This Department has well qualified and dedicated faculty members with well-developed laboratories. We provide quality engineering education through sound theoretical knowledge, hands-on laboratory experience as well as computational skills and exposure to recent technologies by preplanned industrial visits.
- The department provides opportunities for students to participate in various technical events/competitions like SAE BAJA National & International, SAE SUPRA , International Go KART Championship, National level Auto Expo, Pune and to work as a member of a team on multi-disciplinary projects
- 'DUAL OPERATING MASK VENDING MACHINE WITH USED MASK DESTROYING UNIT BY CRUSHING METHOD' Was Developed and Patented By Mechanical Students Team

## Career Scope



*Empowerment through Knowledge*

## Strengths of the Department

Sr. No.	Particulars	Details
1.	Faculty Qualification	PhD: 08, PhD Pursuing: 07
2.	Total Publications	150+
3.	Published Book & Book chapter	20
4.	Patents	2 Granted, 55 Published & 9 Filed
5.	Research Funding Received	Rs. 13,57,670/-
6.	MOUs with Industries	51
7.	Products Developed	08
8.	Research Facilities	FFT Analyzer, 3D Printer, Multi cylinder SI Engine Thermax Boiler Power Plant Setup
9.	Industry Connects	51



Dr. V. A. Kulkarni was felicitated with the "Best Teacher Award" in SPPU



Mr. V.H. Hiwase and Mr. R.H. Tike published a book on the subject of "Additive Manufacturing"

### Mechanical Engineering Student Association (MESA):

Department has MESA, Student Association, works for student's welfare activities namely, technical events, placement preparations, Higher studies, Competitive exam preparations, sports & cultural, extension & outreach programs.



SAE BAJA: Our students won the overall prize in the national Competition 2023 at Baddi H. P organized by the Northern SAE Collegiate Club. Prizes in categories: All India Ranking: 1, 1st Position: Best Debutant Team, Best 4-Wheel Drive Team, Technology Innovation, Durability, Virtual Dynamics, Event Maneuverability, Virtual Dynamics, Event All Terrain Performance 1st, Cost Event, 2nd Position: Acceleration; 3rd Position: CAE

## Students' Achievements



Team Metal Falcons (SAE SUPRA) Secured AIR-1 Rank in Design.



GO KART Team maintained Top 10 position in International Event



**PAWANDEEP DHALL**  
University of California,  
Berkeley (World Rank : 6)



**KSHITIJ PARKAR**  
The University of Sydney,  
Australia (World Rank : 41)



**YASHODHAN MIRWANKAR**  
CGPA - 10  
University rank - First.



**MR. NIRAJ KAKADE**  
University of Freiburg  
Fahnenbergplatz, Germany

## Memorandum of Understanding with Industries:



## Eminent Alumni



**Suraj Thorat**  
(2015 Passout)  
(IAS) (AIR 868, CSE 2016)  
Deputy Commissioner at  
Ministry of Finance



**Bhushan Khodpe**  
(1999 Passout)  
Sales Account Executive -  
Nordics - Geometric Europe  
GmbH Filial Sweden



**Vishal Sakore**  
(2007 Passout)  
(IRS) Deputy Commissioner  
of Income Tax in  
Investigation Directorate



**Mr. Nachiket Phadake**  
(2002 Passout)  
Director,  
Eleno Energy (Founder)

## DEPARTMENT OF CIVIL ENGINEERING

### VISION

- Empowerment for Civil Engineering Leadership.

### MISSION

- To Prepare Students for Professionally Competent and Quality Conscious Civil Engineers with Civic Sense.
- To Formulate an effective teaching and learning process for global acceptance.
- To Create intellectually stimulating environment for Research, Innovation and Entrepreneurship.

## Career Scope



## Strengths of the department

Sr. No.	Particulars	Details
1.	Faculty Qualification	PhD: 04 & (Pursuing: 10)
2.	Paper Publications	International: 250 & National: 40
3.	Patent/ Copyright	Patent: 23, Copyright: 05
4.	Center of Excellence	01
5.	Research Grant	Rs. 12.85 Lakhs
6.	MOU - Industrial Association	43
7.	Book Publish	06
8.	Chapter Publish	12



Models for various plumbing connectors are presented by Indian Plumbing Association to Department of Civil engineering

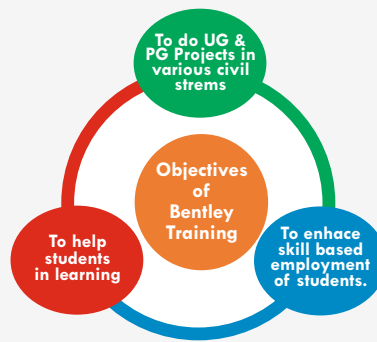
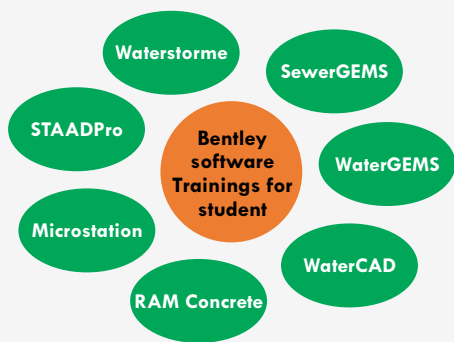


Bridging gap in curriculum by frequent site visits (Visit under IGS Student's Chapter at Pune Metro Construction)

## Center of Excellence



**Mr Abhishek Shinde, Mr Uday Patil, Mr Nikhil Kukareja** from department of civil engineering for received a prestigious scholarship from the INDIA CHAPTER OF ACI, Mumbai



Center of excellence has been established in the Computer laboratory in association with Bentley.

## Students' Achievements



**Rina Sanap** selected in **Capgemini**



**Gautami Siddheshwar** selected in **SHV Energy, India**

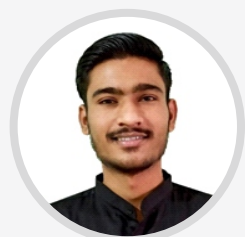


**Abhishek Shinde, Santosh Jadhav, Shubham Shinde, Siddhi Kolekar, Utkarsha Kavitke** selected in **Knest, India**



**Sanskriti Chintawar and Pranjali Kone** selected in **Prodair, India**





**Mr Sanket Varpe**  
University Rank -2nd



**Mr. Tanmay Chhabra**  
University Rank - 5th



**Ms. Ayushi Kshirsagar**  
University Rank - 5th



**Ms. Rutushri Kadam**  
University Rank - 6th



Aaditya Ahire, Bhushan Adhalkar, Chaitrali Pardeshi, Devesh Naikare, Dhiraj Jagdale, Harsh Kumar Badaria, Harshad Khapre, Jay Wankar, Kumar Kunte, Manasi Indore, Moniska Jaiswal, Pallavi Pandhawale, Param Patil, Pratap, Salgar, Pratik Malu, Rahul Bhuse, Rahul Punney, Rishikesh Hire, Sanket Tamboli, Sarvesh Patil, Shivani Sarokte, Swaraj Suroshi, Trupti Revagade, Vaibhavi Matche, Vaishnavi Shelke, Vishal Kharat from Department of Civil Engineering, DYPCOE selected in Magic stone, India

## Faculty Achievements



Dr Ashok B More, Dr Sachin Mane and Mrs Rohini Khandelwal from Civil Engineering Department, D Y Patil College of Engineering, Akurdi, Pune, received certificate of appreciation for their extraordinary service and contribution to Civil Engineering field and excellent work to enhance skills in land surveying

## Eminent Alumni



**Mr. Vinod Ahtani**  
(1992 Passout)  
Sr Manager  
QA/QC at Capacite Infra projects  
Pune, Maharashtra, India



**Mr. Rakesh Singh**  
(1993 Passout)  
Chief Engineer at Hydro Electric  
Project- Nepal



**Mr. Atendra B. Shreshtha**  
(1994 Passout)  
System Designer, Philips  
Healthcare, Pune



**Mr. Vipin Kalia**  
(1995 Passout)  
State Head for the states  
Maharashtra, Goa  
Dalmia Cement, Bharat Ltd.

## DEPARTMENT OF INFORMATION TECHNOLOGY

### VISION

Developing globally competent IT professionals for sustainable growth of humanity.

### MISSION

- To build a strong foundation and techniques for the problem solving and communication skills as an integral component of Information Technology.
- Develop competency skills in the faculty members and students to serve the societal challenges and needs with the multi disciplinary applications in the field of Information Technology
- Cater strong technical skills and knowledge to encourage students to undergo research in the field of Information Technology
- Nurture students to be an ethical and committed lifelong IT professional.
- Empower students with strong decision making skills and technical competency to accomplish startup ideas in the field of IT Engineering.

## About Department

- Department is thrice accredited by NBA in the year 2005, 2013 and 2023
- Highest Package offered for student placements in the department is 41.3 LPA.
- Department has state of art infrastructure and laboratories as per AICTE norms.
- Department has three Industry Supported Laboratories for RPA, Cyber Security & Data Science
- Department has software development cell in association with Industry.
- Department faculty members has Quality research publications in high reputed journals
- Department faculty and students has developed several in-house projects for the Institute and Campus

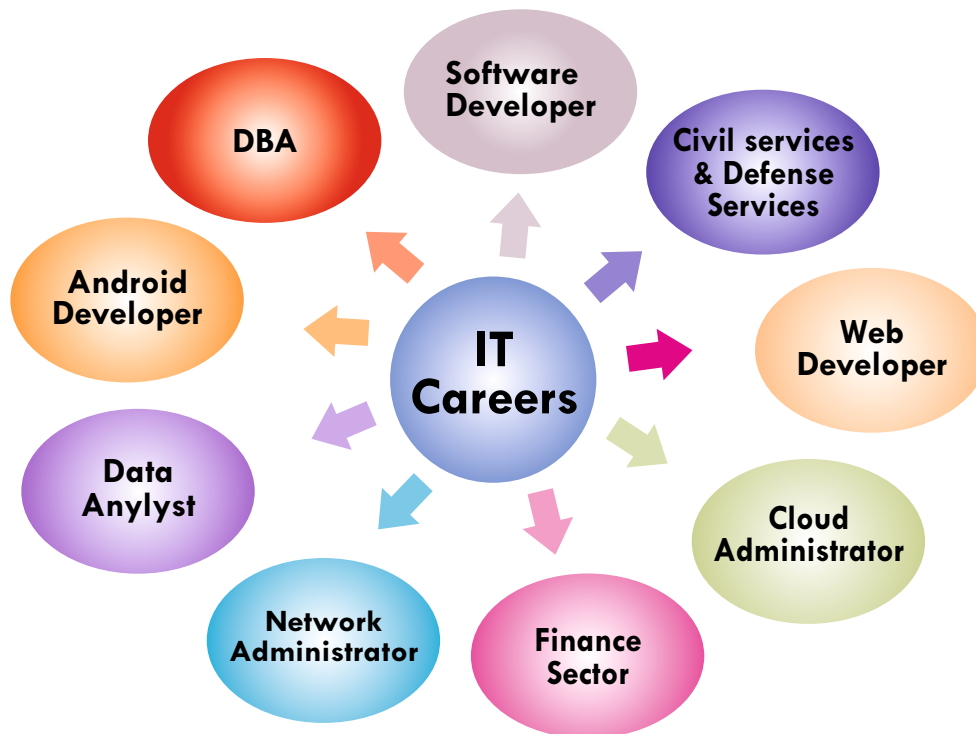


Industry Supported Laboratory Inauguration Ceremony



Dr. Preeti Patil (HOD IT Department) has received consultancy project of Rs. 55000/- to develop an application for real estate marketing portal.

## Career Scope



## Strengths of the department

Sr. No.	Particulars	Details
1.	Faculty Qualification	PhD: 03, PhD Pursuing: 06
2.	Total Publications	107
3.	Patent	Patent: 17
4.	FDP Organized	05
5.	Workshops Organized	15
6.	Book Published	14
7.	MOUs with Industries	05

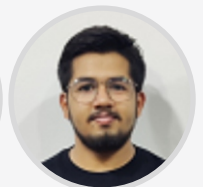
## Students' Achievements



**Mr. Koushal Sharma**  
Placed In Leading Cloud Database company with highest package of 41.3 LPA



**Mr. Palash Rambia**  
for Winning AIR-4 in Google Developer Compose Camp 2022

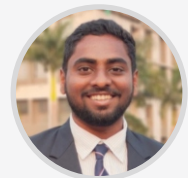


**Mr. Sanyog Mahajan and Mr. Saurabh Barde**

Got First Rank In UI UX Competition at COEP with cash price.



**Mr. Swanand Mathekar**  
Placed In JTP Co Ltd. with package of 24 LPA+



**Mr. Ramkrishna Allampallewar** Got Gold medal in Pune University for Inter-College Canoeing and Rowing competitions

## Students' Achievements



Google has conducted a Cyber Security Road Show at DYPCOE, Akurdi



Felicitation by Principal & HOD of **Swanand Mathekar** for highest offer from JTP with CTC 31.5 LPA.



"Felicitation of Mr. Ramakrishna Allampallewar by Institute director for winning Gold medal in Pune University for intercollegiate Canoeing and Rowing Competition"

## Eminent Alumni



**Mr. Vaibhav Gaikwad**  
(2021 Passout)

CEO & FOUNDER DIRECTOR  
KNOCK SECURITY SOLUTIONS RECEIVED  
GLOBAL AWARDS 2021



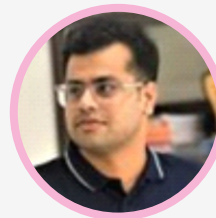
**Mr. Adarsh Bevore**  
(2020 Passout)

LIEUTENANT IN INDIAN ARMY



**Mr. Jojo John Moolayil**  
(2012 Passout)

Data Scientist at Flutura Decision  
Science & Analytics



**Mr. Rahil R. Shaikh**  
(2014 Passout)

CEO and Director, Tech Mainstay  
Software Pvt. Ltd.



**Sagar G Anandpara**  
(2008 passout)

Alumni of 2008 batch, Associate  
Consultant at Infosys,LTD.,  
Melbourne, Australiad.



**Mr. Shreyas Patil**  
(2021 passout)

Recognized as Youngest Android  
GDE (Google Developer Expert)  
by Google India

# INSTRUMENTATION AND CONTROL ENGINEERING DEPARTMENT

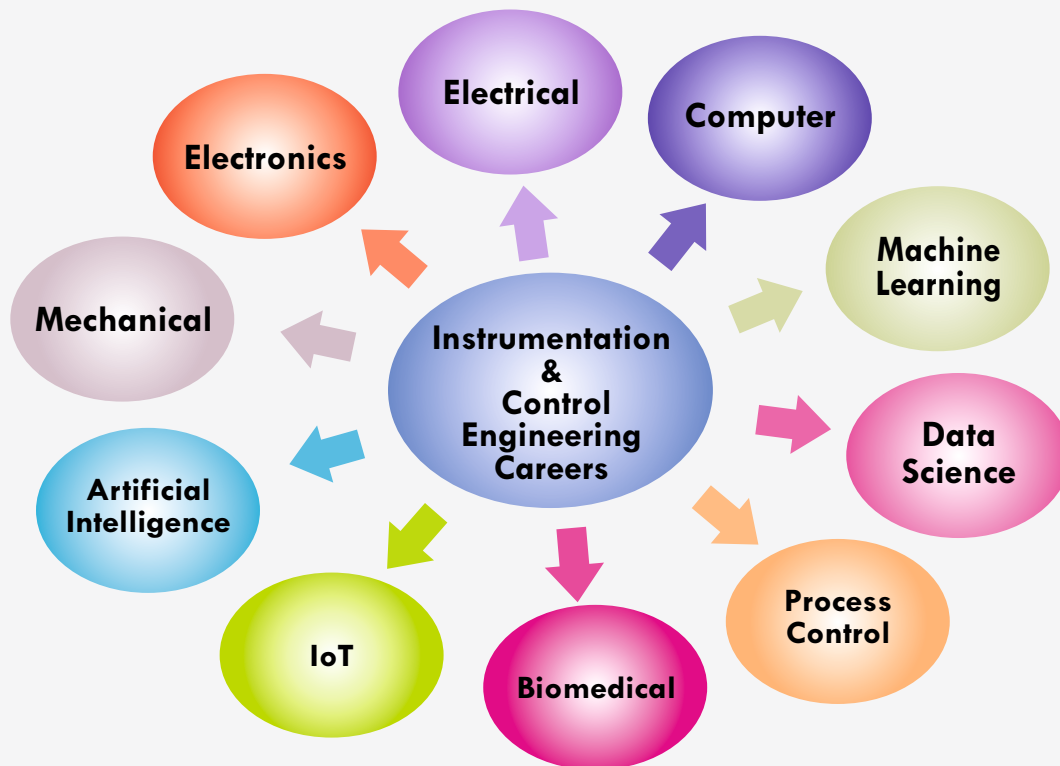
## VISION

Strive for excellence in the multi disciplinary field of Instrumentation and Control Engineering.

## MISSION

- To imbibe competent professional skills in students to meet ongoing and succeeding demands of industry, academia and society in multidisciplinary field of Instrumentation and Control engineering
- To accentuate collaborations with industry and academic institutes to inculcate real time learning in automation in line with future needs of globalization
- To induce the thirst of entrepreneurship and enterprise inclination pertaining to automation requirement in industry and society
- To engender the spirit of research and higher studies amongst students to align with national and international developments
- To initiate contemplative thinking within students regarding their prospective forthcoming career in upcoming technologies like IoT, AI and Data Science

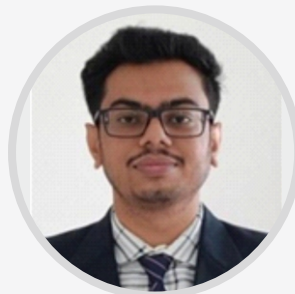
## Career Scope



## SPPU Rankers



**Shreya S. Bonde**  
CGPA- 9.65  
University Rank - First



**Ganesh D. Deshpande**  
CGPA- 9.43  
University Rank - Second



**Yash U. Ingale**  
CGPA- 9.41  
University Rank - Third

## Strengths of the Department

Sr. No.	Particulars	Details
1.	Faculty Qualification	PhD: 02, PhD Pursuing: 05
2.	Total Publications	80
3.	Patent/ Copyright	Patent: 05, Copyright:05
4.	FDP Organized	05
5.	Workshops Organized	11
6.	Center Of Excellence under MOU with Emerson	Contribution of Emerson: Rs. 22.5 Lakhs
7.	Excellent Academic Result	100%
8.	Highest Pay Package	33 Lakhs per annum
9.	MOUs with Industries	20

## About the Department



Mr. Pravin Chaudhari, Director & CEO, Virtuoso Projects & Engineers Pvt. Ltd., and alumni of 2002 batch has delivered an expert talk on Career in Instrumentation, Control & Automation for FE & SE students, followed by MOU signing ceremony.



Inauguration event of ISA DYP COE and ISA benefits session by Mr. H. S. Pansare (ISA Pune Section President and Managing Director of Logicon Technosolutions Pvt. Ltd., Dr. Mrs. Swati Madhe (ISA Pune Student Section Liaison), Mr. Shridhar Kulkarni (ISA Pune section Webmaster Chair and Alumni 2018 Batch).



ISA Pune section has hosted a Conference on Process Measurement, Controls and Automation 2023 on ISA Day. Dr B B Musmade, Faculty Advisor, and two student representatives Mr Eric Fernandes, President and Mr Prathamesh Kale, program Chair of our ISA Students' Section attended on 28th April 2023.



One day workshop on "DeltaV Distributed Control System-Project Case Studies" by Mr Jayant Bhale, Associate Director, Emerson Engineering Export Centre, Pune on 12/5/2023

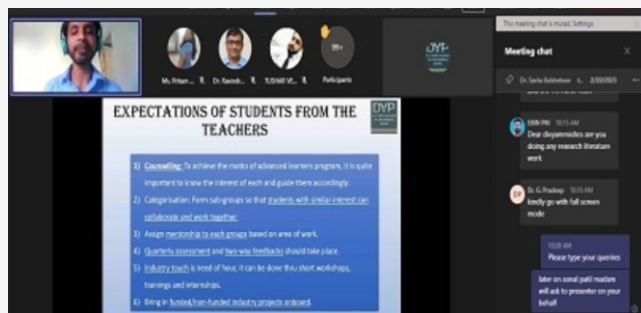
## Students' Achievements



BE student Mr. Faraz Ansari received Event manager of the year award organized by National Institute of Event Management, Pune(NIEM) in 2023.



BE student Prathmesh Patil grabbed second prize for writing & third prize for acting at Firodiya Karandak 2022.



TE student Divyam Mishra was a resource person at One Week Free Online MS Teams FDP Implementation of Examination Reforms Policy of AICTE & discussed the activities completed as advanced learner & expectations of students from faculty on 21/02/2023



The students of SE, TE and BE students participated in Aavishkar Zonal Level Poster Competition organized by Savitribai Phule Pune University on 13/09/2022.

## Eminent Alumni



**Vandana Mohite**  
(2000 Passout)  
Income Tax commissioner in Haryana



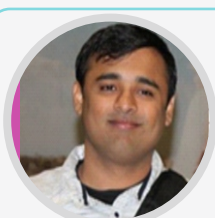
**Mr. Shivaji Nagnath Tompe**  
(2014 Batch)  
Maharashtra Forest Department,  
Range Forest Officer (Class II Gazetted)



**Natu Ambarish**  
(2002 Passout)  
IPR Consultant to Australian Govt.  
& Founder - co-editor for JPEG  
picture format standards



**Kaustubh Githapathi**  
(2002 Passout)  
Director,  
Kimaya Automation, Pvt. Ltd.  
Pune



**Sandeep Hinge**  
(2004 Passout)  
System Designer, Philips  
Healthcare, Pune



**Pravin Chaudhari**  
(2002 Passout)  
Director & CEO, Virtuoso Projects  
& Engineers Pvt. Ltd. Pune



**Tushar Jadhav**  
(2006 Passout)  
Head, Global Center Of  
Excellence, Johnson Controls,  
Pune



**Shashank Ketkar**  
(2008 Passout)  
Renowned personality in Marathi  
Film industry

## ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

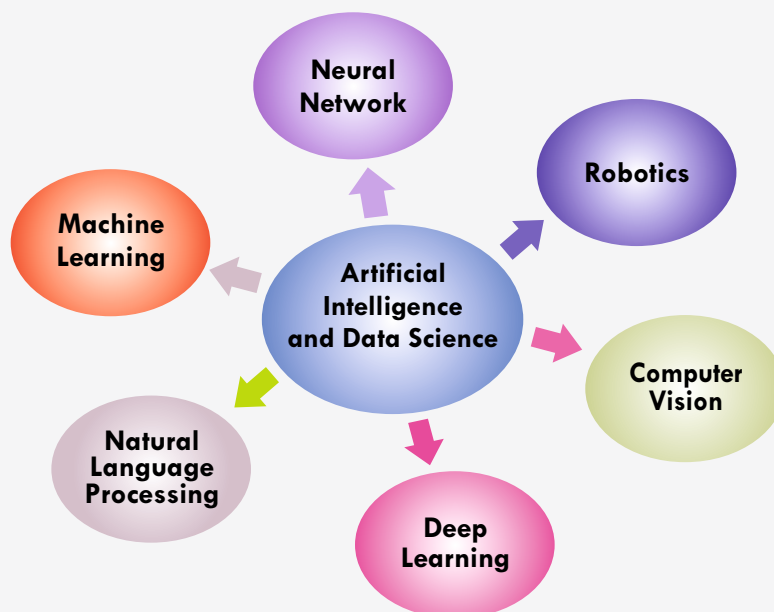
### VISION

- Developing highly skilled and competent IT professional for sustainable growth in the field of Artificial Intelligence and Data science

### MISSION

- To empower students for developing intelligent systems and innovative products for societal problems.
- To build strong foundation in Data computation, Intelligent Systems that enables self-development entrepreneurship and Intellectual property.
- To develop competent and skilled IT professional by imparting global skills and technologies for serving society.

## Career Scope



## Strengths of the department

- The Department of Artificial Intelligence and Data Science (AI & DS) provides quality technical education to students, which will lead them to sustain peaks in the field of technology.
- Department laboratories are equipped with high configuration machines and latest software required for teaching-learning process and research.
- The Department has highly qualified faculty members.
- Strong Industry Collaborations, Technical Workshops, Events, Training through Industry experts.
- Teacher Guardian system for student monitoring and personalized counseling for overall development.
- Strong Support for Innovation and product development for benefit of student's career.
- Exposure for project based learning, Support and Encouragement for Industrial Internships.



## Departmental Activities:

- Department has signed MoU with Data Tech Labs Inc for up skilling the students in the field of AI.
- More than 150 students have completed various certifications in last year.
- Department has organized Faculty Development Programme on Cloud Computing and Student Development Programme on Fundamentals of ML and DS under Data Tech Labs.
- Department Faculties and students have developed several Inhouse project and also participated in research and industry internships
- Department has organized Emmanuel Orphanage visit in Pimpri Chinchwad.
- Department has also organized industrial visit to “C-DAC, Pashan” for Third Year students.

## Students' Achievements

- Vaishnavi Kulkarni got first place at all India University Rollball championship. Held at Meerut Uttar Pradesh. Shreya Dhurde secured 2nd runner up position in Book review at “HOOKED TO THE BOOK” organized by National Level Books and Beyond Club.
- Yash Pame and Vaishnavi Dinesh Kulkarni stood 2nd and 3rd Rank in RollBall Competition organized by Pune district Zonal sports Committee. Vedant Sanjay Choudhary won football tennis state level championship organized by Maharashtra football tennis association.
- Aryan Jangid, Ashutosh Shimpi, and Neeraj Shilwant won the “CodeCarnival” event organized by AI and DS Student Association. Group members Swaraj Patil, Kishor Khade, Vedant Mahajan, Aniket Nikumbh, Chaitanya Vyavhare from TE A division are the winners of Avishkar 2022. Mr. Malhar Mohite from TE division A, has participated in college football team came third in University Matches. Mr. Aditya Kaklij, Mr. Jaydatta Bade, Mr. Nikhil Shinde, Mr. Sarthak Shilwant, Mr. Ashutosh Shimpi Won the Bounty prize of 400\$ at ETH India Bangalore Hackathon (project -dePay ). And also Won the the third rank for FIL Bangalore Event of 150\$ (project - dTwitter).
- Ms. Vaishnavi Kavade from SE , has selected in SPPU team for interzonal Fencing competition 2022. Ms. Vaishnavi Kulkarni from TE achieved a first place in All India inter-university Rollball championship held at Coimbatore , Karnataka. She is a member of winning team (SPPU) on 6th March 2023. Mr. Aditya Kaklij and his team from TE A div, has received \$3000 grant (scholarship) from the stark\_con blockchain for their project Resmic. Mr. Yash Pame from TE A div, has presented paper in IEEE International Conference “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.

### Activities Conducted under Student Association

- Logo competition.
- Code Carnival (21 days coding challenge)
- Photography Event (Theme- Street Photography)



First place at Rollball championship



Interzonal Fencing competition 2022

## DEPARTMENT OF ROBOTICS AND AUTOMATION

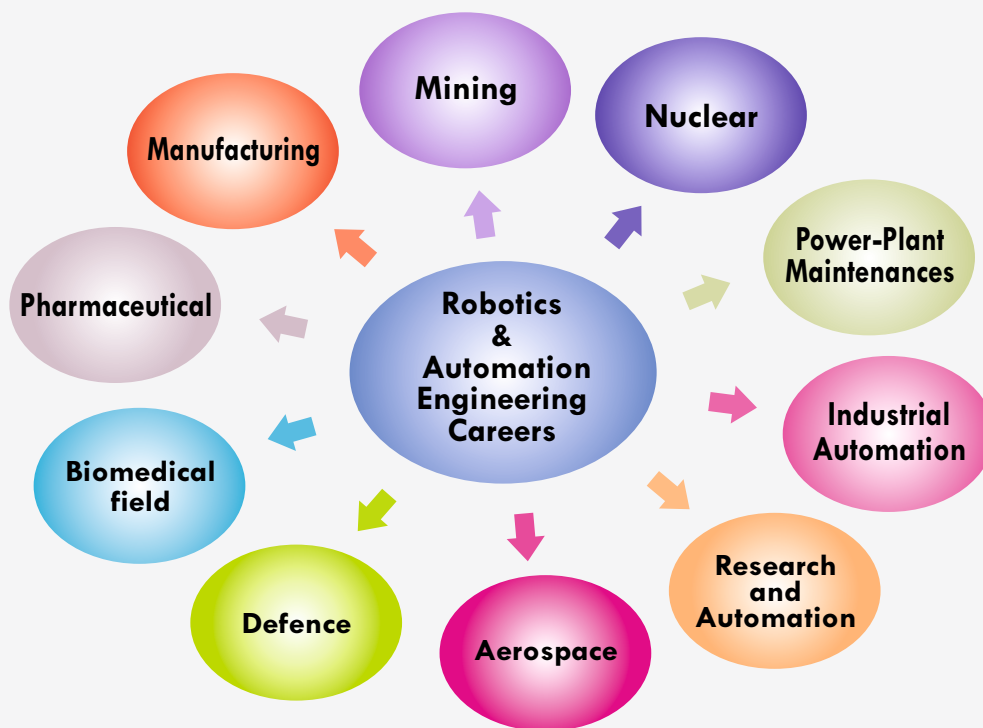
### VISION

To develop and create technology professionals, entrepreneurs and researchers with global competence in the field of Robotics and Automation imbued with societal values

### MISSION

- To create a milieu that fosters holistic and interdisciplinary learning and nurtures explorative erudition in the field of R & A to develop successful professionals.
- Establish a symbiotic association between the Industry- research organizations and Governmental agencies to promote collaborative research projects.

### Career Scope



### Department Achievements

- Robotics and Automation Engineering uses control systems and information technologies to reduce the human work efforts in the production of goods and services. In the scope of industrialization, automation is a step beyond mechanization.
- This Course will provide a comprehensive educational environment and enable students to gain expertise in next generation Robotics and Automation systems.
- Robotics and Automation Department is having a strong industry-connect with more than 140 Industries to provide internships, projects and placements to our students.
- **Four Faculty** Members have **completed PhD** and **Three Faculty** Members are **pursuing their Ph.D.**
- **Dr. Nitin Kamble and Dr. Sandeep S Sarnobat** filed a Patent on “A Novel Design of UV Disinfection Robot”

## Department Achievements

- Dr. Nitin K Kamble filed a patent on “Artificial Intelligence Based Decision Making Intelligent Humanoid Robot”.
- Mr. Pradnesh Padave published a patent on “Internet Support System Based Self Lubricating Grinding Wheel Experimental Set-Up”
- Industry sponsored lab with Jendemark India Pvt. Ltd. is established in the department

## Memorandum of Understanding with Industries



## Glimpses of Centre of Excellence

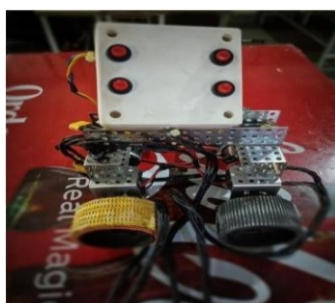


Department has established Centre of Excellence with “IndiaFIRST Robotics”

## Student's Achievements



Mr. Samyak Gangale & Mr. Sumeet Adsul Secured 2nd position in Maze runner, AIT,Pune



Mr.Siddhesh Raut Secured 2nd position in Robowar organized by DYPIEMR, Akurdi,Pune



Mr. Aditya Bisht Received Certificate of Appreciation for linkedIn challenge Organised by SARA

## Student's Activities

### 1. Technical Event

"SAMBHAV 2k23" a technical festival offering a diverse range of events and competitions focused on technology and innovation. It provided a platform for individuals to showcase their skills, learn from others, and foster creativity, teamwork, and problem-solving abilities. SAMBHAV 2k23 had around 20+ events like robotics competitions, coding battles, and many techy and fun events. And around 3000+ pupils enjoyed the event



Inauguration Ceremony at the hands of Campus Director, Rear Admiral Amit Vikram (Retd)



Outer Space expo, exhibition arena created by team SARA



Hop Sites, Code Buddies, Masked Coding by team ISA, at SAMBHAV 23

### 2) Sports Activities

Sports activities organized by the Institute, gave students the opportunity to join a community of people with similar interests and excel in it together. Various sports tournaments like Volleyball, Kabaddi, Cricket, Carrom, Chess and many more sports were organized for boys and girls at the Annual Sports events.



Satej Sports club- Logo Unveiling By Shri. Tejas Satej Patil Sir And RAdm. Amit Vikram Sir



Volleyball winners at Satej Karandak



Satej Karandak "Kabaddi Tournament Girls"



Cricket Tournament Boys

## Student's Activities



Table Tennis Annual tournament



Chess tournament Girls

### 3) Cultural Events

Under the effective platform of cultural events, thoughts and ideas are exchanged and a festival of merriment is put together. It showcases the individual's talent & brings up leadership qualities of students. Games under the theme of Circle of Life, Open Mic & Open Floor, Traditional Day, Mr. & Ms. DYPCOE, DJ Evening, all these held under the Cultural Day leading up to it were no different. All students, faculty and staff members participated and enjoyed the event to the fullest.



Winners of Mr. and Ms. DYP COE competition



Dance Performance at Fahrenheit -Annual Cultural Event

### 4) College Magazine

Abhivyakti (college Magazine team) drafted Magazine for year 2023 named METAYUG. The theme is, Beyond the Binary explore 'the dicey side of social media & big tech and rethinking our connection with the past. The goal is to help readers to reflect on technology's impact on their lives and realize a balance between technological convenience and nostalgic simplicity.



College Magazine METAYUG unveiling on Annual Day



Band Performance by FE students at Annual Gathering



Mr. and Ms. DYP COE competition



Traditional Day Celebration

## Training & Placement Cell

### HIGHEST PACKAGE OFFERED

**41.3** LPA

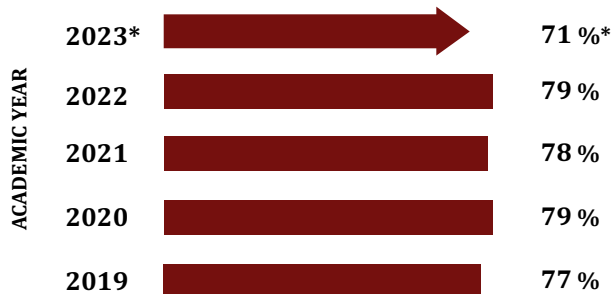
### STUDENTS PLACED WITH PACKAGE PACKAGE > 7+ LPA

**150 +**

### AVERAGE PACKAGE

**6** LPA

### PLACEMENT STATISTICS

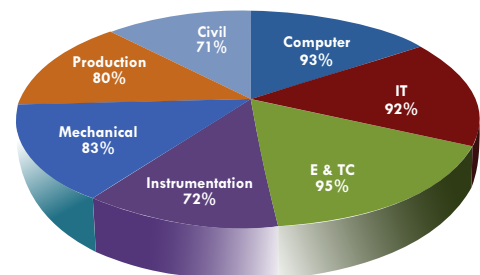


#### Percentage of students placed

\* Campus Recruitment for 2023 graduating batch is in process

### DEPARTMENT WISE PERCENTAGE PLACEMENT

(2022 Graduating Batch)



The Institute has provided me with a platform to identify and develop my skills, Wide exposure during internships helped me identify my areas of improvement and work accordingly. I would like to express my heartfelt gratitude for the incredible job support provided to me by the Placement Cell. I wish the very best to the upcoming batch.

**Swanand Mathekar** IT Engg. - Placed in **JTP Co. Ltd.** (31.5 LPA)



I was impressed by the dedicated efforts of the Placement Cell to foster connections with leading organizations and facilitate internship and job opportunities for students. They played a pivotal role in bridging the gap between academia and industry, ensuring that students are well-prepared and equipped to face the challenges of the professional world.

**Avishkar Hande**, Comp Engg. - Placed in **JusPay** (27 LPA)



The Institute is focussed on overall development, providing numerous opportunities and exposure to foster new skills hereby enabling me to grow as a professional. With my hard work and dedication, I got an excellent opportunity to get hired in one of the leading banking and financial organizations of the world.

**Rasika Mahure**, Information Technology Engg. - Placed in **BNY Mellon** (18.64 LPA)

# Collaborations with Industries (MOU's & COE's)



## Glimpses of Employability Enhancement Activities



Career Opportunities in Artificial Intelligence and Data Science by TAG team of **Cognizant** (20.04.23)

Experience Sharing Session by participants of **Shark Tank India** (28.04.23) :Entrepreneurship Development



Expert Talk on Paytech Pioneer Programme - 2023 by **Worldline** (03.05.23)



Career opportunities in Software Value Journey in Manufacturing by **Rockwell Automation** (17.05.23)



*Empowerment through Knowledge*

# Elite Recruiters

Aditya Birla Hospital  
Addteq Software  
Amazon  
Amdocs  
AMW Motors  
Angular Minds  
Altimetrik  
Apex  
Atlas Copco  
Atos  
Atos Syntel  
Barclays  
Bentley Systems  
Bitwise  
Birlasoft  
Bombardier Transportation  
Bosch Chasis Systems (I) Ltd  
BNY Mellon  
Calsoft  
CDK Global  
Cipla Pvt. Ltd.  
Cognizant Technology Services  
Constrologix  
Cornerstone OnDemand  
Continuum Shared Services  
Cotmac Electronics  
Crest Data Systems  
Cummins  
Cybage Software  
Deepak Fertilizers  
Deenanath Mangeshkar Hospital  
DANA  
Directi Internet Solution.  
Divgi TTS  
EDAG Engineering Solutions  
Efficient Engineering  
Electromech  
EPAM  
Emcure Pharma  
Emerson Innovation Centre  
Enigma Automation  
Ericsson  
Eternus Solutions  
Evosys  
E-Zest  
ESDS  
Faurecia Interior Systems  
Fujitsu  
Fiserv  
FIS Global  
Flextronics  
Fusionstack  
Forbes & Company Ltd.  
Forbes Marshall  
Force Motors  
Grupo Antolin  
GKN Sinter Metals India

Godrej & Boyce Mfg. Co. Ltd.  
Greaves Cotton  
Harbinger Systems  
Hitachi  
HDFC Ergo  
Harman Kardon  
Hettich  
Hewlett Packard  
Hexaware Technologies  
Honeywell Automation  
IBM  
iCertis  
Infostretch  
Indovance  
Infosys Technologies  
Intelligent Technologies  
JTP Co. Ltd  
J.Kumar Infraprojects Pvt. Ltd.  
Jio Platforms Ltd  
John Deere  
Johnson Controls India  
Kirloskar Pneumatic Co. Ltd.  
Kirloskar Ferrous.  
Kimaya Architects  
Knackter Solution  
Knor-Bremse  
Kone Cranes  
KPIT  
KSB Pumps Ltd  
L & T Infotech  
Lentra AI  
Lakshmi Machine Works  
LTTS  
Lear Corporation  
Lotus Wirless  
Mahavir Patil & Associates  
Mahindra & Mahindra  
Mahindra CIE  
Merkle Sokarti  
Mahindra Gears  
Mahle Behr India  
Manhattan Associates  
MAQ Software  
Mindstix  
Meditab  
Minda Instruments  
Mindtree Consulting  
Mphasis  
Mu-Sigma Business Solutions  
Neeeyamo Enterprise  
Neilsoft  
Net Protector Antivirus  
Neologic Engineers Pvt. Ltd.  
Newgen Software  
Nihilent Technologies  
Nitor Infotech  
NOVO Nordisk

NTT Data  
nVIDIA  
Odessa Technologies  
Opus Software  
Praj Industries  
Persistent Systems  
Piaggio Vehicles  
Prod Air  
Polycab Wires  
Quick Heal  
Quinnox Consulting  
Reliance Communication  
Rieco Industries  
Rivigo  
Rohan Builders  
Runwal group  
Sagitech  
Square Yards  
Sanofi-Synthelabo  
Sandhaar Technologies  
Sanmmar Group  
Scigen Biopharma  
Siemens  
SKF India  
SHV Energy  
Sasken Technologies  
Sungard  
Symantec  
Tata Communications Ltd.  
Tata Consultancy Services  
TATA Elxsi  
Tata Motors Ltd.  
Tata Technologies Ltd.  
TechMahindra  
Tetrapak  
Thoughtworks  
Thyssen Krupp  
Triplan  
Toshiba Software  
Triple Point Technologies  
TVS Logistics  
Uday Kulkarni & Associates  
UBISOFT  
Uno-Minda  
Valuelabs  
Videocon Ltd.  
Virtusa  
Volkswagen  
Veritas  
VM ware  
Worley Group  
Worldline  
Xoriant Solutions Pvt. Ltd.  
Zensar Technologies  
ZF India Pvt. Ltd.  
ZYCUS  
Zydus Cadila

Dr. D. Y. PATIL PRATHISHTHAN'S

**D. Y. PATIL COLLEGE OF ENGINEERING**

Sector 29, Nigdi Pradhikaran, Akurdi, Pune 411044