

**DYP**

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

**DTE Code - EN 6272**

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



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

<https://facebook.com/dypakurdipune>

[https://www.instagram.com/dypcoe\\_ak/](https://www.instagram.com/dypcoe_ak/)

<https://twitter.com/dypakurdipune>



**-: 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 :-**

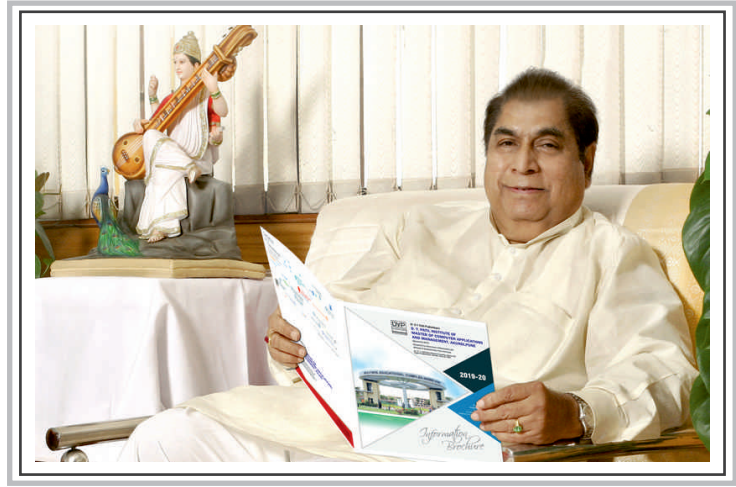
Let us work "STILL BETTER" for Excellence.



*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,

## 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. The college is affiliated to Savitribai Phule Pune University .

## Courses Offered...

UNDER GRADUATE COURSES		
Courses	Intake	Year of Estd.
Computer Engineering	120	1984
Electronics & Telecommunication Engineering	120	1984
Mechanical Engineering	120	1984
Civil Engineering	120	1986
Information Technology	120	1999
Instrumentation and Control	60	1993
Artificial Intelligence & Data Science	120	2020
Robotics & Automation	60	2021
POST GRADUATE COURSES		
Courses	Intake	Year of Estd.
Computer Engineering	25	2003
Mechanical- Design Engineering	18	2005
Civil - Environmental Engineering	18	2012
Civil - Construction & Management	18	2009
E&TC - VLSI & Embedded Systems	18	2012
Production - Manufacturing & Automation	15	2006
Ph.D RESEARCH CENTRE		
Electronics and Telecommunication Engg	--	2016
Mechanical Engineering	--	2021



*Empowerment through Knowledge*



## FIRST YEAR ENGINEERING

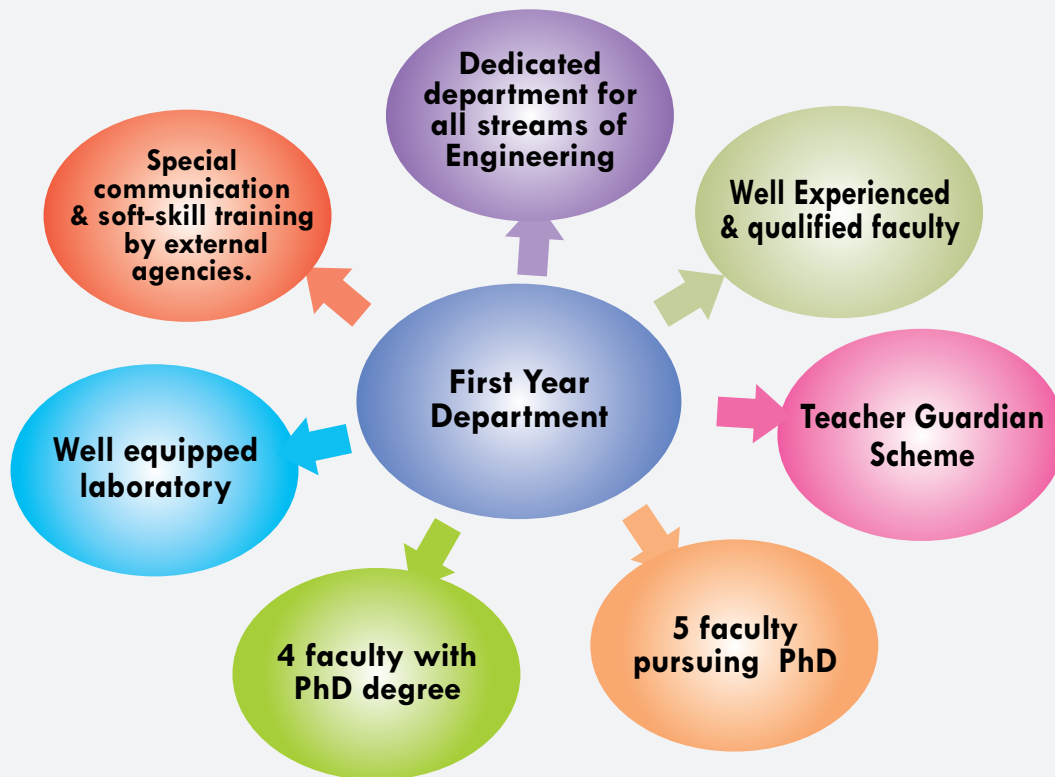
### VISION

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	Mr. Rajat Nawale	10	2020-21
2	Mr. Aniket Manvendra Kachole	10	2020-21
3	Mr. Arya Atulkumar Gaikwad	10	2020-21
4	Mr. Rishabh Singh	10	2020-21
5	Mr. Swapnil Yuvraj Bonde	10	2020-21
6	Mr. Saniya Priya	9.64	2019-20
7	Mr. Hitesh Kishorekumar Kowidiki	10	2018-19

## 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.



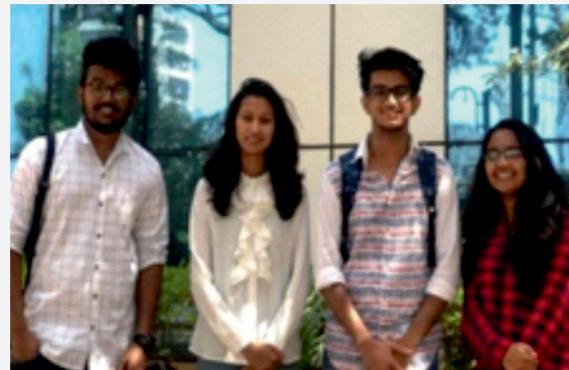
Ms. Vaishnavi Kulkarni was the Runner up of Maharashtra team in 4th National Roll Ball competition held which was conducted by National Games Authority, Pune



Mr. Prathis Upadhyay has successfully secured Campus Ambassador Internship at E-CELL IIT Roorkee through Internshala



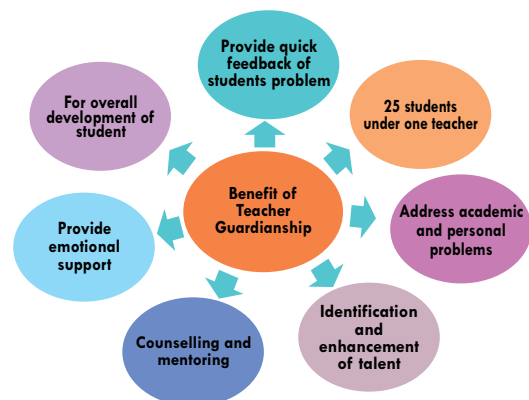
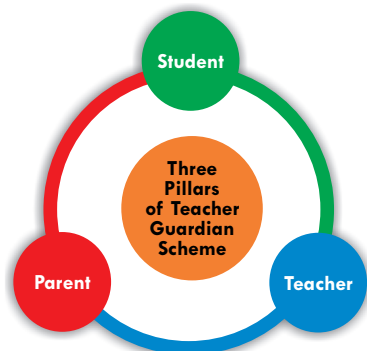
Mr. Tilak Jayant Jadhav is representing Maharashtra Cricket Team under BCCI since 2017.



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

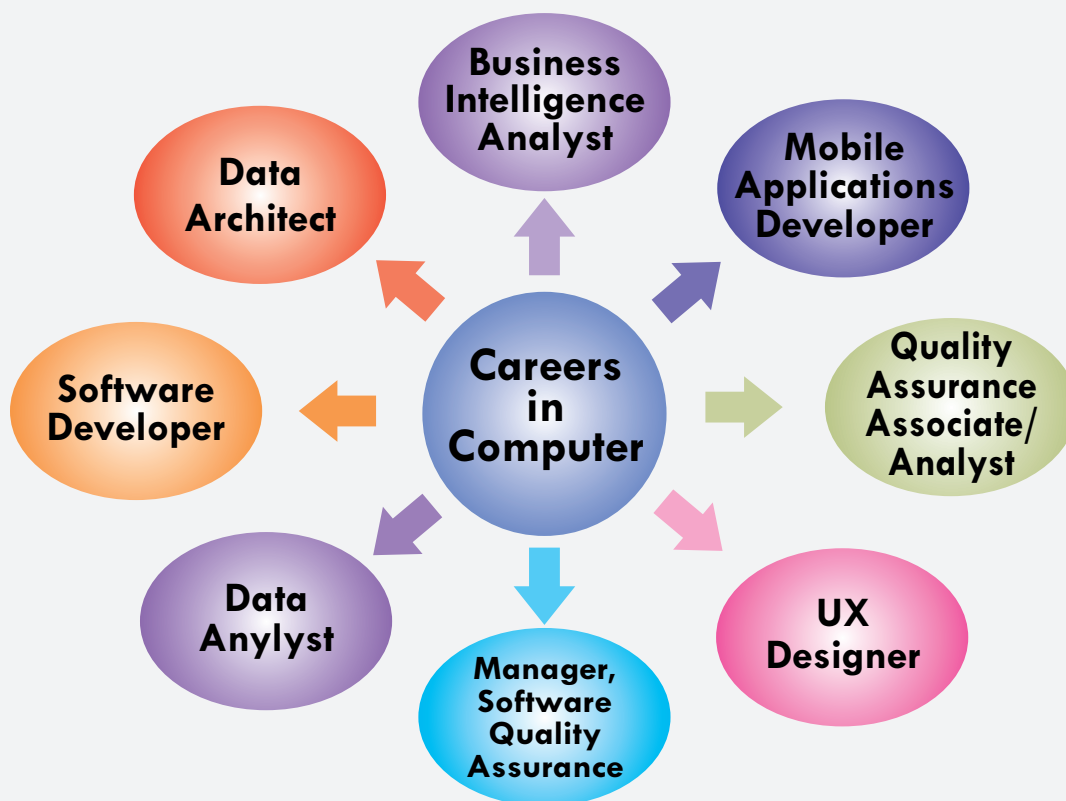
### VISION

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.**
- **32 MoUs have been signed with various software companies.** A series of activities are conducted under these collaborations.
- The faculty members of the department conducted a **One Day Workshop on “Data Handling Skills Upgradation” for Admin staff** of Dr. D Y Patil Educational Complex, Akurdi,
- **Mr. Piyush Vyas, Miss Pooja Thorat and Ms Pratiksha Wagvekar,** along with the faculty **Dr. V. G. Kottawar** have filed a Copyright on **“Secure Document storage”** in February 2020.
- **Mr. Aditya Kulkarni,** a B.E. student has registered his idea on **“Water usage Calculator”** for a copyright in September 2019.
- **Mrs. Shanti Guru,** faculty of the dept got the **best paper award** in **International Conference, Satyabhama University, Chennai (May 2021)**
- **Mr. Prateek Thakare, Mr. Aishwarya Kendale, Ms. Ishika Prasad and Mr. Yash Sharma** along with the faculty **Mr. Pramod Deshmukh** have filed a patent on **“The FinPrint”** in August 2019.

## Students' Achievements

- **Mr. Prateek Thakare** secured **7 th rank** in **SPPU merit list of T.E.(2015Pat.) May, 2020 exams.**
- **Ms Sakshi Nasha, B.E. earned 11 Badges, completed 77 QUIKLABS, completed 11 QUESTS and completed 2 Tracks-(i) GOOGLE CLOUD ENGINEERING (ii) DATA SCIENCE and MACHINE LEARNING** and got the certificate from Google and earned some amazing swags and also **ranked 65th** among 79834 students all over India and **achieved a Scholarship for AWS (Amazon Web Services) ASSOCIATE** in AWS SCHOLARSHIP by VINSYS.

**Mr. Dhruv Kothari, BE** placed in **EdTech Company**  
Package - **22** LPA

**Mr. Ajjul Sheikh, BE**  
placed in **ValueLabs Company**  
Package **16.5** LPA.

**Mr. Digvijay Sawale, BE**  
placed in **ValueLabs Company**  
Package - **16.5**LPA

**Ms. Ankita Konale, BE**  
placed in **ValueLabs Company**  
Package - **16.5**LPA

**Mr. Abhishek Gadge, BE**  
placed in **Nuance India**  
Package - **12.5** LPA

**Mr. Onkar Dherange, BE**  
placed in **Nuance India**  
Package - **12.5** LPA

**Ms. Megha Pal, BE**  
placed in **Nuance India**  
Package - **12.5** LPA



**Mr. Aneerban Chowdhury** received Super Event Manager Award from an Actor **Mr. Saurabh Gokhale-NIEM** The Institute of Event Management.



**Ms. Shravani Poman,** First Runner up in Miss Pune Festival, felicitated by Campus Director **Dr. Neeraj Vyawahare.**



# 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

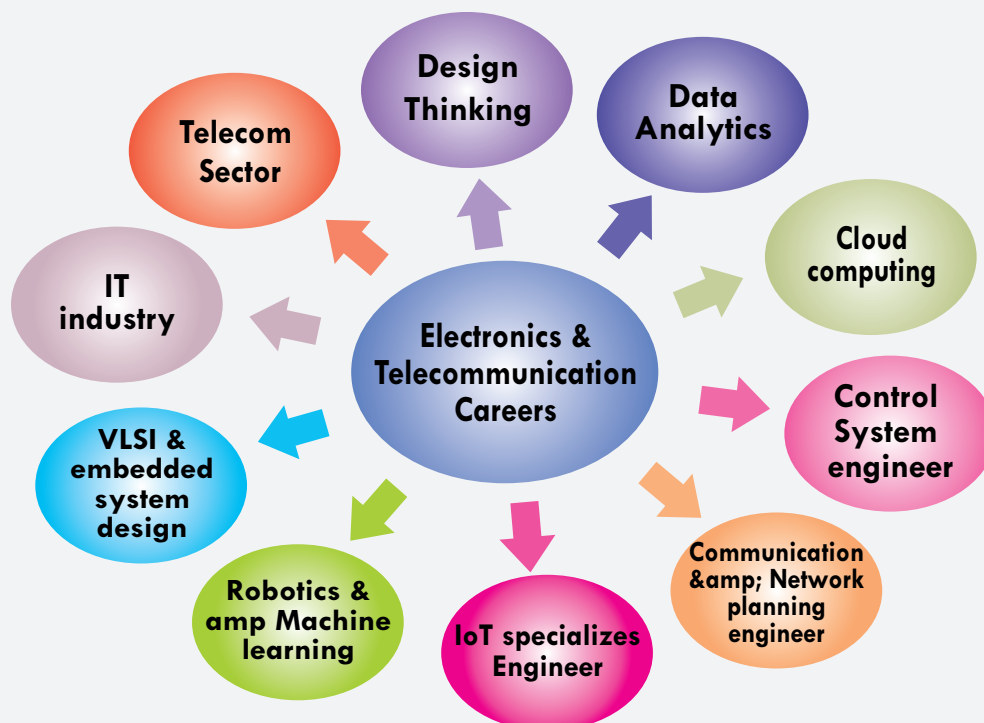
- Gateway of Knowledge: To create a gateway of knowledge by engaging students in cutting edge technologies, electronics, communication and intelligent systems.
- Impactful quality education: To provide a conducive environment that ensures academic excellence with professional and managerial skills.
- 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: 04, PhD Pursuing: 14
2.	Total Publications	116
3.	Copyrights	7 copyrights published
4.	Patents - Staff, Students	17 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 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.

**Prof. Dr. Mrs. P. Malathi** has got selected for **Study Tour** to Dudley College, UK under AICTE- **UKIERI Leadership Development Program**.

**Dr. D. G. Khairnar** has been awarded with **CMI Level 5** certificate in Management & Leadership. and has been elected as a **Executive Committee member** of Pune IETE centre.

**Dr. Rutuja Deshmukh** submitted a research proposal of **Rs. 10,80,000** to SERB (Science and Engineering Research Board).

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

**Prof. Dr. Manish Sharma** has received **"Best Researcher Award"** in the International Conference

### 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

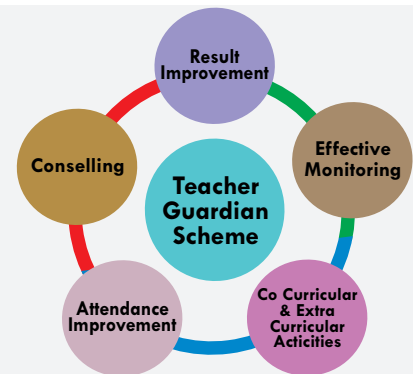
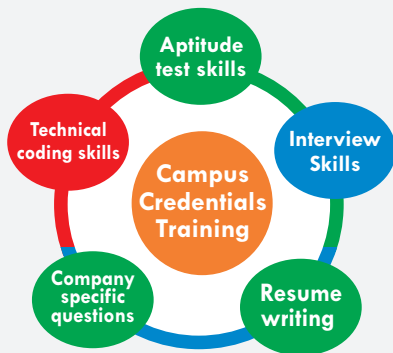
IIT Bombay runs various certification courses & workshops in collaboration with DYP COE under IIT Bombay Remote Centre.

### 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.

## Students' Training

## Teacher Guardian Scheme



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

**Ms. Rashi Rawale** and team won silver medal in roll ball in SPPU Pune District Zonal Sports



**Mr. Kumar Rahul** 2022 passout student has been Placed in Digital Technology Solutions with a package of 16.5 LPA.

**Ms. Shital Swami** has registered a startup and she is the Director of AgrogeniX Farmers Producer Company.

## MOUs of the Department



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



**MoU signing with BSNL Maharashtra** for conducting Sponsored Projects, Internships, Workshops for the students.



**MoU signing with ATE Welding Engineering Robotics & Automation Private Limited:**

## 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

### VISION

Strengthening Society with Skilled Engineers.

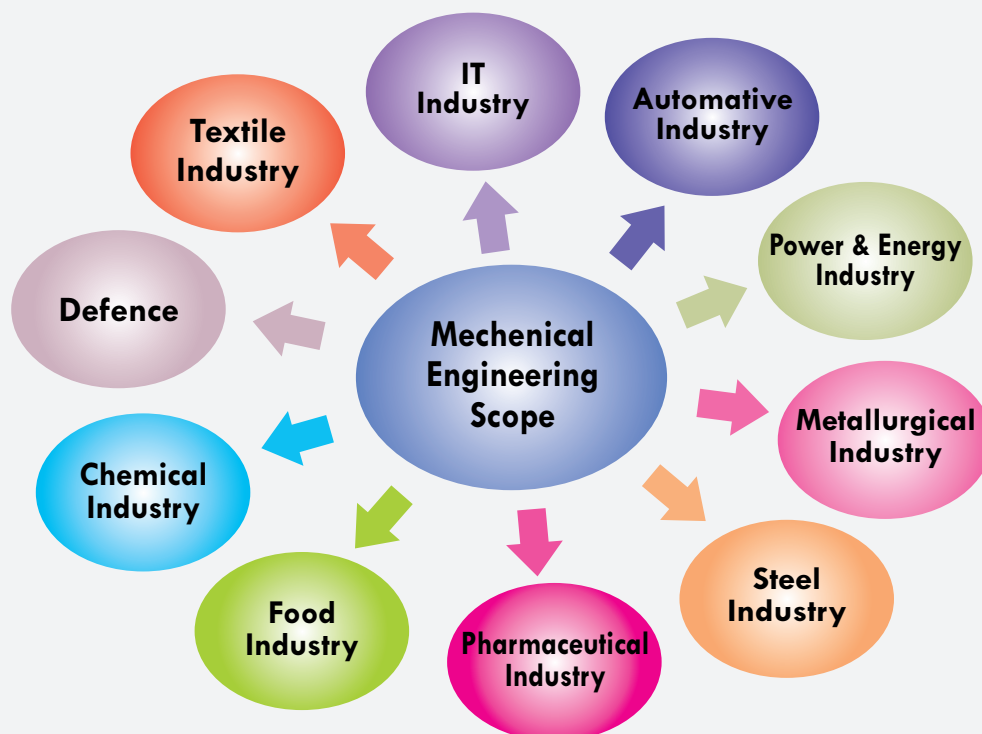
### MISSION

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 BAJA SAE 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





## Strengths of the Department

Sr. No.	Particulars	Details
1.	Faculty Qualification	PhD: 05, PhD Pursuing: 08
2.	Total Publications	150
3.	Published Book & Book chapter	20
4.	Patents	2 Granted, 55 Published & 9 Filed
5.	Research Funding Received	12,56,670
6.	MOUs with Industries	46
7.	Products Developed	06
8.	Research Facilities	FFT Analyzer, 3D Printer, Multi cylinder SI Engine Thermax Boiler Power Plant Setup
9.	Industry Connects	46



Dr. V. A. Kulkarni was felicitated as “Best Innovative Teacher Awards” in SPPU.



Dr. P. T. Nitnaware Received the “Global Teacher Award ”from AKS Academy Delhi.

## Students' Achievements

### The 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 overall prize in the International Competition organized by Northern SAE Collegiate Club (hosted by LPU (Lovely Professional University) in Jalandhar.) and also won prizes under categories like Best Design, Best Built Quality and Autocross. Won Prize money worth Rs. 65,000/-

## 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.

## 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: 05 & (Pursuing: 05)
2.	Paper Publications	International: 250 & National: 40
3.	Patent/ Copyright	Patent: 22, Copyright: 05
4.	Center of Excellence	01
5.	Research Grant	Rs. 12.85 Lakhs
6.	MOU - Industrial Association	40
7.	Book Publish	05
8.	Chapter Publish	12





Dr. Ashok More & Mrs. Sneha Sawant received "National Institute of Event Management Award of the year" for supporting Various Students Activities.



Indian Geotechnical Society's (IGS) Students' Chapter Inauguration.



Bridging gap in curriculum by frequent site visits (Visit for BTAP subject at Urban skyline, Ravet, Pune)



Learning through practical approach in a well equipped laboratory

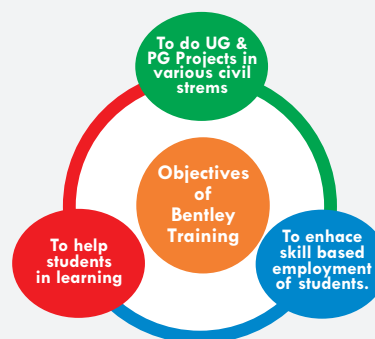
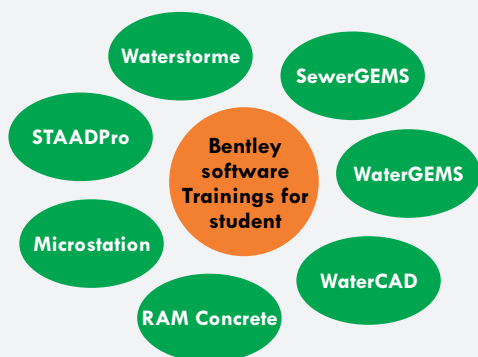
## Center of Excellence



Felicitaton of Mr. Ranjit Kekan, BE, student for receiving the prestigious Chapter Scholarship Award from ACI, Mumbai

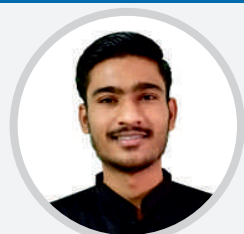


DYP Students' Chapter of American Concrete Institute has been established in the department



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

## Students' Achievements



Mr. Sanket Varpe  
University Rank -2nd



Mr. Tanmay Chhabra  
University Rank - 5th



Ms. Ayushi Kshirsagar  
University Rank - 5th



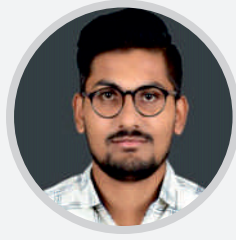
Ms. Rutushri Kadam  
University Rank - 6th



## Students' Achievements



**Mr. Prati Kapadnis**  
University Rank - 7th



**Mr. Dhanajay Waghchure**  
University Rank - 9th



**Ms. Neha Pokharkar**  
University Rank - 10th



Mr. Ranjit Kekan, Chairman, CESA received "Event Manager of the Year award" by National Institute of Event Management (NIEM).



Dr. A. B. More (HOD) Felicitating to Param Patil, Student of Third year for securing rank in GATE 2022



Felicitations of Students Mr. Adarsh Patil, Ms. Shweta Sawant, Ms. Roshni Daulkar, Mr. Ajay Jogade for receiving industry sponsorship

## 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 twice accredited by NBA in the year 2005 and 2013
- Students Placement is 96% for the current Batch of 2022 with Highest Package being 31.8 LPA, the count is increasing.
- Department has state of art infrastructure and laboratories as per AICTE norms.
- Department has three Industry Supported Laboratories for RPA, Cyber Security and Data Science
- Department has software development cell in association with Industry.
- Department has MoU with the Industry to Strengthen Programming Skills in students
- Department faculty members has Quality research publications in high repute journals
- Department faculty and students has developed several in-house projects for the Institute and Campus

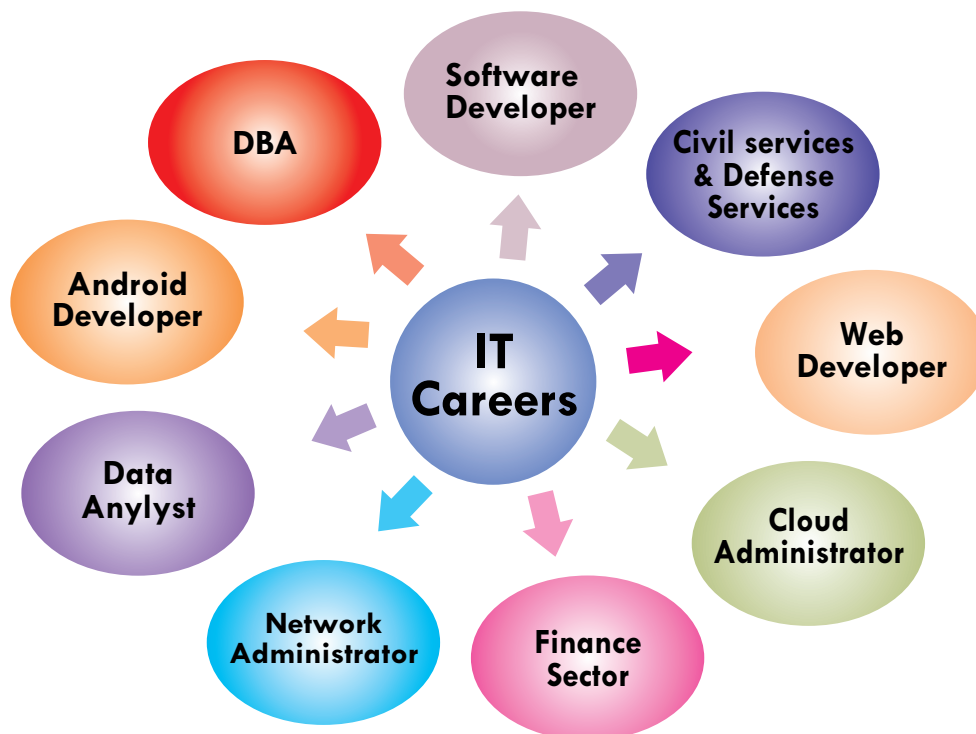


Industry Supported Laboratory Inauguration Ceremony



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: 08
2.	Total Publications	92
3.	Patent	Patent: 09
4.	FDP Organized	05
5.	Workshops Organized	15
6.	Book Published	14
7.	MOUs with Industries	05

## Students' Achievements

### Chirayu Bhatt



Received Scholarship of 18000 USD (14 Lakhs) for MS in Computer Engineering from NYU Tandon School of Engineering.

### Harshit Chari



Placed In Leading Block chain Development company Emiris Labs, with package of 31.8 LPA



**Anand Nakat**  
Got AIR-49  
in GATE 2021 exam.



## Students' Achievements



Google developer students club (GDSC) organized two day event on **"Backend Development Bootcamp"** Inaugurated by Dr. Mrs. P. Malathi



Dr. Preeti Patil (HOD-IT) felicitated **Mr. Anand Nakat** for Securing **AIR-49** in **GATE 2021 exam** and securing admission at IISc Bangalore for MTech in CSA department



**Mr. Abhijit Fadol** Received Super **Event Manager Award** at NIEM The Institute of Event Management from an Actor **Mr. Saurabh Gokhale**



Dr. Preeti Patil (HOD-IT) Facilitated **Mr. Harshit Chari** for Getting Highest **Package of Rs. 31.8 LPA**

## Eminent Alumni



**Mr. Sagar G Anandpara**  
(2008 Passout)

**Associate Consultant** at Infosys, LTD., Melbourne, Australia



**Mr. Kamlesh Jagdale**  
(2013 Passout)

**Associate - Talent Acquisition** at Tata Technologies Pune



**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.



**Mr. Vaibhav Gaikwad**  
(2020 passout)

**CEO and Founder**, Knock security solutions Pvt. Ltd.



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

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



# INSTRUMENTATION AND CONTROL ENGINEERING DEPARTMENT

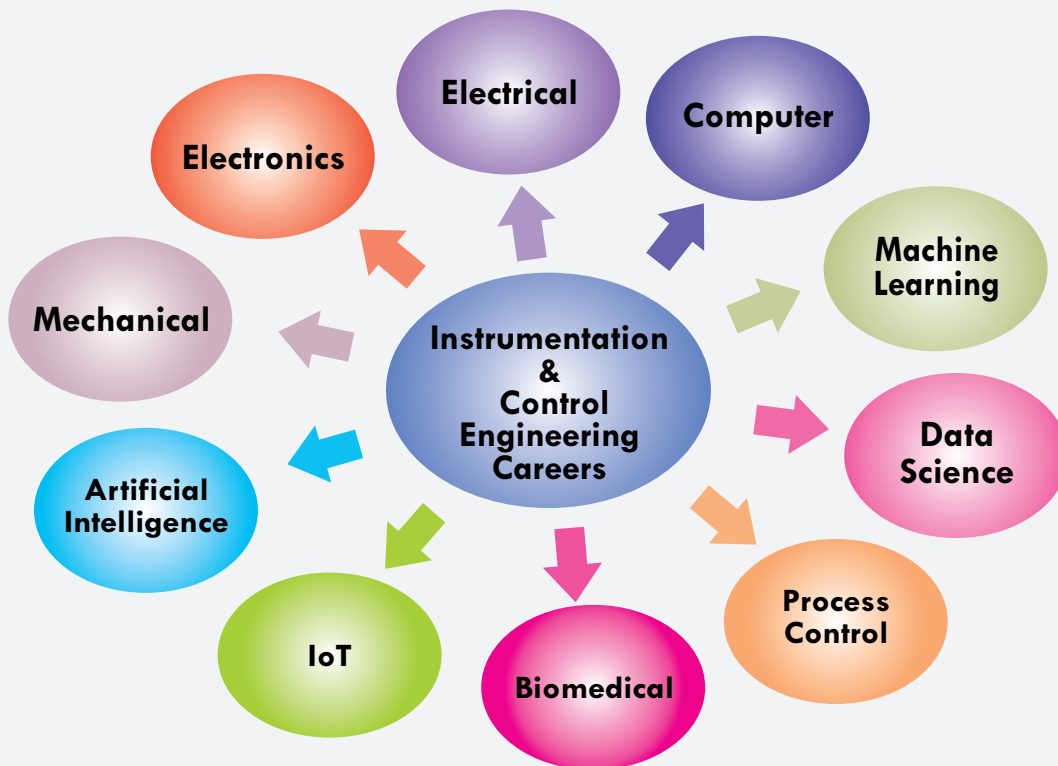
## VISION

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



**Dhanashree Kad (Alumni 2012)**, visited department she is **currently working as Head of Sustainability & Diversity, ZF Division** Electrified Power train Technology Friedrichshafen Baden-Wruttemberg, Germany, Highest Package 32 lpa



**Mr. Mansing Belose (Alumni 2004)**, Head Project, Softcon Systems, Pvt. Ltd. Pune, delivered an expert talk on **"Scope of Instrumentation Students & Placements@ Softcon"**.



**Mr. Tanay Sil (Alumni 2006)**, Head Business Development, B&R Automation, Pvt. Ltd, Pune, delivered an expert lecture on the topic: **"Automation: Future is Inevitable"**



Inauguration of **Center of Excellence** in DCS Industrial Automation in association with Emerson, India, Pune



Faculty Development Program by Emerson, India, Pune



Ms. Samiksha Bhokare (Alumni-2021) interacting with students

## Students' Achievements

- BE student **Ms. Ashwathy Harikumar** along with her team members **Ms. Axasusan Roy Mathew, Mr. Sarang Kakirwar & Mr. Krishna Gautam** (TE) received Best Presentation award at Open Automation Challenge organized by B&R Automation challenge '21.
- BE students **Mr. Shivam Bidwai, Ms. Bhakti Bhojate & Mr. Saiprasad Bhise** grabbed third rank in technical poster presentation competition organized by Department of Instrumentation & Control, AISSMS's, IOIT, Pune, held on 26/11/2021.

## 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)



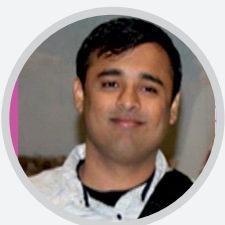
**Natu Ambarish**  
(2002 Passout)

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

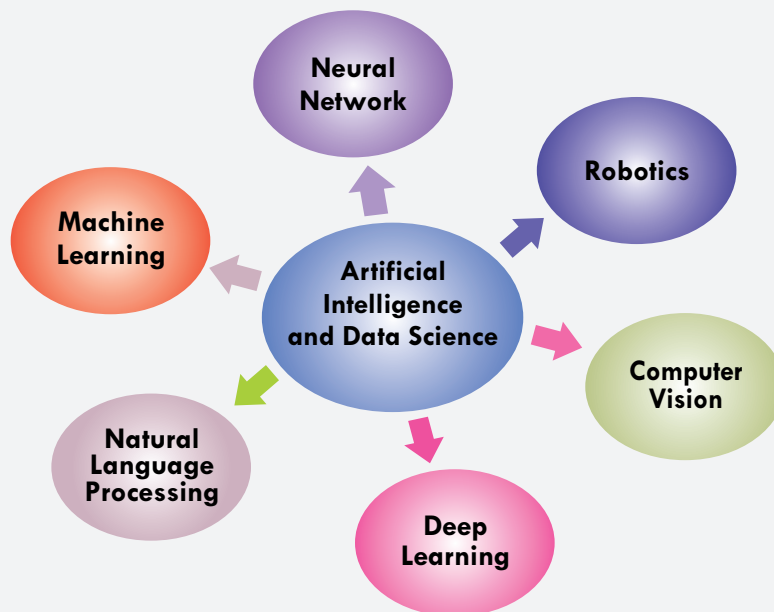
### VISION

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

- **Two faculty have completed their Doctorate Degree (PhD) and two faculties are pursuing PhD.**
- 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 mentoring** and personalized counseling...(pto)

## Strengths of the department

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.
- **Department has a student Association named as "IntellexAi"** to organize curricular and Co curricular activities.
- **Department has Signed MoU with Data Tech Labs Inc ( TDTL)** for up skilling the students in the field of AI.

## 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.

### Activities Conducted under Student Association

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



First place at all India University Rollball championship



Photography Event (Theme- Street Photography)



Code Carnival (21 days coding challenge)

## DEPARTMENT OF ROBOTICS AND AUTOMATION

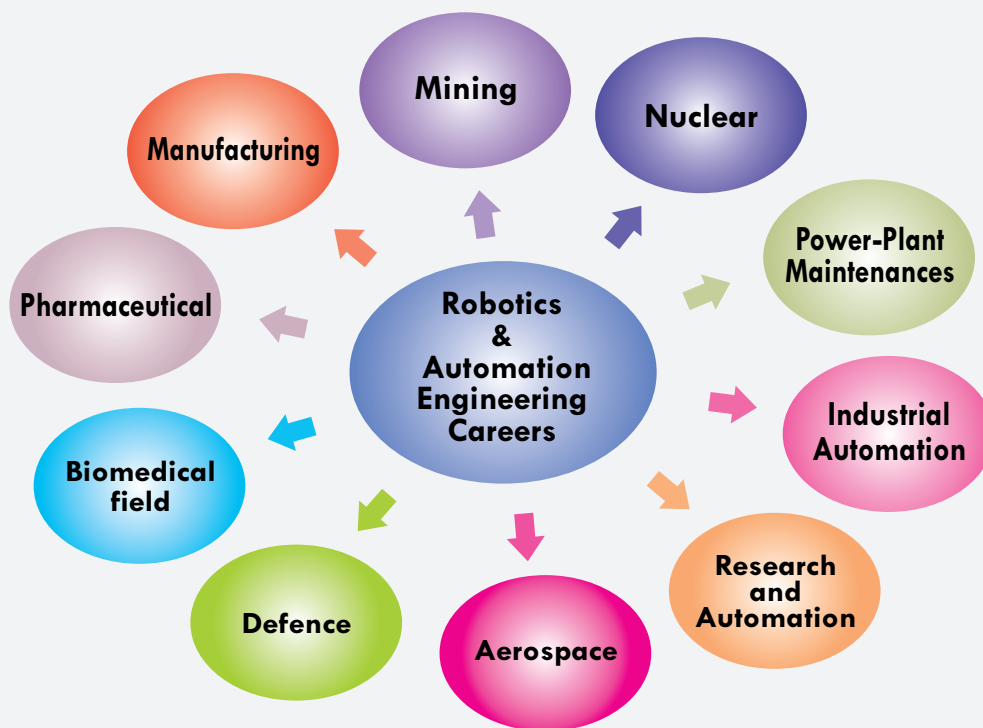
### VISION

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



## Strengths of the department

- 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.



## Strengths of the department

- **Four Faculty** Members have **completed PhD** and **Three Faculty** Members **are pursuing** their Ph.D.
- **Dr. Nitin K Kamble** filed a patent on “**Artificial Intelligence Based Decision Making Intelligent Humanoid Robot**”.

## Memorandum of Understanding with Industries



JendamarK India Pvt. Ltd. Donated DOBOT MAGICIAN to Department of Worth Costs Rs. 4 Lakhs

## Student's Activities

### 1. Technical Event

The Technical festival had 60 events happening simultaneously. 27 workshops, 15 competitions, 16 mini competitions. Students from any discipline could participate in any event.



Felicitation of Campus Director, Dr. Neeraj Vyawahare at the hands of Robot developed by students, at inauguration function of Technical Events



Space tech workshop



Students Participating in various workshops



Robotic league



### 2) Sports Activities

Considering the concept of "SPORTS FOR ALL" throughout the entire session we organized Inter-department tournaments for students, this venture shall enable the students and staff to have fun, learn new sports, enhance social interaction and tests one's physical capability. These competitions also offer a break from the daily routine tasks and recreate or re-energetic them.



Basketball Match



Kabaddi Match



## Student's Activities



Table Tennis match at Gymkhana



Girls Chess Match

### 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. DYP COE, 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.



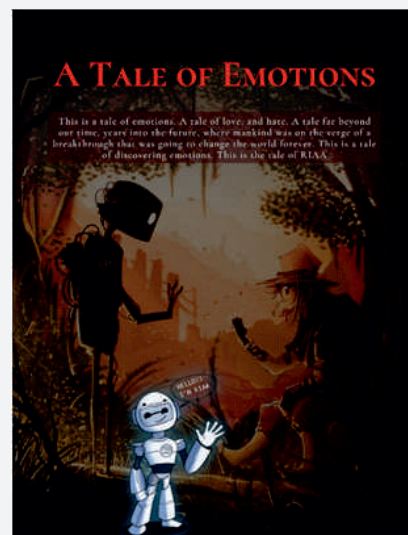
Winners of Mr. and Ms. DYP COE competition



DJ Evening at college Campus

### 4) College Magazine

Abhivyakti (college Magazine team) drafted Magazine for year 2022 named "Bhavasparsha A Tale of Emotion" This is a tale of emotions. A tale of love, and hate. A tale far beyond our time, years into the future, where mankind was on the verge of a breakthrough that was going to change the world forever. This is a tale of discovering emotions.



Cover page of College Magazine



## TRAINING & PLACEMENT CELL

### PLACEMENT STATISTICS

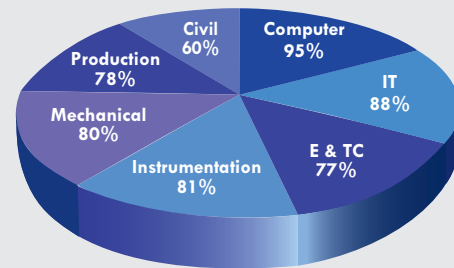


Percentage of students placed

\* Campus Recruitment for 2022 graduating batch is in process

### DEPARTMENT WISE PERCENTAGE PLACEMENT

(2021 Graduating Batch)



### HIGHEST PACKAGE OFFERED

**31.80** LPA

### STUDENTS PLACED WITH PACKAGE > 7+ LPA

**180 +**

### AVERAGE PACKAGE

**6** LPA



My experience here was full of learning new technologies and grooming myself as a better individual. In spite of the pandemic, the college organized online classes regularly along with certification courses to keep us abreast with the latest technologies. This helped me to qualify for internships at top MNC's and later got an opportunity to work in a leading Blockchain Startup

**Harshit Chari**, Information Technology Engg.  
Placed in **Emiris Labs (31.8 LPA)**



The mentorship provided by faculty members helped me to explore the new age technologies. With the strong support from Placement cell in organizing brainstorming sessions helped to ease the pressure of facing interviews. Lush green Campus → conducive teaching learning process → dream placement → DYPSCOE

**Dhruv Kothari**, Computer Engg.  
Placed in **Upraised (22 LPA)**



I got admitted in DYPSCOE in the year 2018, ever since it's been a great journey, which has helped me to grow individually and professionally. Faculties, Infrastructure at DYPSCOE is of great standards, also Student Activities at the College is a highlight, college encouraged students to join clubs like EDC, Baja, Supra, Vihang, etc and various other professional students' chapters. Placement cell of the college is also very active, Before the end of my 3rd Year, I had placement offers from 2 MNCs in my hand.

**Ranjit Kekan**, Civil Engg.  
Placed in **Cognizant Technology Solutions**



The faculty members leave no stone unturned and make sure that each and every student has an equal access to the knowledge and resources required for one to be industry ready. The efforts which were put into me, by the Placement Cell and the department helped me to secure a successful Placement in a prestigious SAP Consulting company. Thank you, DYPSCOE."

**Neeraj Joshinge**, Mechanical Engg.  
Placed in **KAAR Technologies**

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



## Glimpses of Employability Enhancement Activities



**Virtusa Leadership  
Connect-2022**



**Building  
Entrepreneurship Skills -  
Mr. Yogesh Shinde,  
Founder & CEO  
Bamboo India (My  
journey towards Entrep-  
reneurship)**



**Employability  
Enhancement  
Workshop by ASK  
Corporate Trainings  
for Final Year  
Engineering Students**

# Elite Recruiters

Addteq Software  
Amazon  
Amdocs  
AMW Motors  
Angular Minds  
Altimetrik  
Asahi Glass  
Atlas Copco  
Atos  
Atos Syntel  
Barclays  
Bentley Systems  
Bitwise  
Birlasoft  
Bombardier Transportation  
Bosch Chassis Systems (I) Ltd  
Calsoft  
Capgemini  
CDK Global  
Cipla Pvt. Ltd.  
Cognizant Technology Services  
Constrologix  
Cornerstone OnDemand  
Continuum Shared Services  
Cotmac Electronics  
Crest Data Systems  
Cummins  
Cybage Software  
Deepak Fertilizers  
DANA  
Directi Internet Solution.  
Divgi TTS  
EDAG Engineering Solutions  
Efficient Engineering  
Electromech  
EPAM  
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  
Harman Kardon  
Hettich  
Hewlett Packard  
Hexaware Technologies  
Honeywell Automation  
IBM  
iCertis  
Infostretch  
Indovance  
Infosys Technologies  
Intelligent Technologies  
Inteva Products  
J.Kumar Infraprojects Pvt. Ltd.  
Jio Platforms Ltd  
John Deere  
Johnson Controls India  
Kirloskar Pneumatic Co. Ltd.  
Kirloskar Ferrous.  
Knackter Solution  
Knor-Bremse  
Kone Cranes  
KPIT  
KSB Pumps Ltd  
L & T Infotech  
Lentra AI  
Lakshmi Machine Works  
LTTS  
Lear Corporation  
Lotus Wirless  
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  
Neeyamo 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  
PMT Pvt. Ltd.  
Polycab Wires  
Quick Heal  
Quinnox Consulting  
Reliance Communication  
Rieco Industries  
Rivigo  
Rohan Builders  
Runwal group  
Sagitech  
Sanofi-Synthelabo  
Sandhaar Technologies  
Sanmmar Group  
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  
UBISOFT  
Uno-Minda  
Valuelabs  
Videocon Ltd.  
Virtusa  
Volkswagen  
Volkswagen IT  
VM ware  
Worley Group  
Wipro Technologies  
Xoriant Solutions Pvt. Ltd.  
Zensar Technologies  
ZF India Pvt. Ltd.  
ZYCUS  
Zybus Cadila

Dr. D. Y. PATIL PRATHISHTHAN'S

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

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