

Name of The Department	Automation and Robotics		
Course	B. Tech Automation and Robotics		
Level UG/PG	UG		
1 st Year of approval by AICTE	2021-22		
	Academic Year 2021-22	Academic Year 2022-23	Academic Year 2023-24
Year wise Sanctioned Intake	60	60	60
Year wise Actual Admissions	60	60	60
Cut off marks-General quota	44.98	75.48	83.23
% Students passed with Distinction	NA	NA	NA
% Students passed with First Class	NA	NA	NA
Students Placed	NA	NA	NA
Average Pay package, Rs./Year	NA	NA	NA
Students opted for Higher Studies	NA	NA	NA
Accreditation Status of the course	Not Eligible		
Doctoral Courses	Nil		
Foreign Collaborations, if any	<ol style="list-style-type: none"> 1. Chang Gung University, Taiwan 2. King Mongkut's Institute of Technology Ladkrabang (KMITL), Thailand 3. Asia Pacific University, Malaysia 4. University of YZU 5. University of Malaya 6. Universiti Malaysia Pahang (UMP) (English: University of Malaysia, Pahang) 7. VSB - Technical University of Ostrava, Czech Republic 8. University of Sannio (UNIVERSITÀ DEGLI STUDIDEL SANNIO) Benevento, Italy 9. Universiti Teknologi PETRONAS-Malaysia 		
Professional Society Memberships	IEEE, TRS & FPSI		
Professional activities	FDP= 1, Workshop = 07, Seminar = 23, Programs on Faculty Training by Industry =08 Industrial Visits = 08 Student Internship = 12 (Duration 1 Month) Students completed CNC Training = 6 Students completed Training on Essentials of Industrial Robot = 24		

Grants fetched	<ol style="list-style-type: none"> 1. Received Rs. 9,70,000/- from AICTE New Delhi for the Establishment of a Photovoltaic Thermal Collector with phase change material to investigate its performance 2. Received Rs. 8.34,000/- from SVR InfoTech, Pune for the Development of a Robotic Surveillance System 3. Received Rs. 5,37,600/- from University of Malaysia, Pahang & JSPM, Pune for a Project on Intrinsic behavior of coconut wood – PLA composite filament for additive manufacturing 4. Received Rs. 3,50,000/- from SVR InfoTech, Pune for the Development of IoT based Hydraulic System
Departmental Achievements	<p>Patents Published Faculty = 01 Publications – International = 06 No of MOU= 5 Centre of Excellence in Industry4.0 with Janatics India Private Limited UiPath Academic Alliance Partner in RPA</p>
Distinguished Alumni	Not Applicable

FACULTY PROFILE

1. Name of Teaching Staff: - Dr. Avinash Maruti Badadhe

2. Designation: - Professor (Mechanical Engineering)

3. Department: - Automation & Robotics

4. Date of Joining the Institution: - 23/07/2003



5. Qualification with Class/Grade:-

- **UG:** BE (Mechanical) First Class with Distinction
- **PG:** ME (Mechanical-Production) First Class with Distinction
- **Ph. D.** (Mechanical)

6. Total Experience in Years:

- **Teaching:** 23
- **Industry:** 01
- **Research:** 00

7. Papers Published:-

- **National:-** 04
- **International:** - 32

8. Papers Presented in Conferences: -

- **National:-** 04
- **International:** - 13

9. PhD Guide? Give Field and University:-

- **Field:** - Mechanical Engineering, SPPU, Pune

10. PhDs/Projects Guided:-

- **PhD:** - 06
- **Projects at Masters Level:** - 23

11. Books Published/IPRs/Patents: - 07

Books Published: 04

12. Professional Membership: - ISTE, SAE, FPSI, TRS, IEEE RA, ISME

13. Consultancy Activities: -SVR Infotech, Pune

14. Awards: - 1) RSCOE Best Teacher Award (2023)

2) Ex BOS Member, Mechanical Automobile Board, SPPU, Pune

15. Grants Fetched: - 26 lakh

16. Interaction with Professional Institutions: - NAAC Assessor, Member of Academic Advisory Board

FACULTY PROFILE

1. Name of Teaching Staff:- Prof. Aarrjun Shrikrishna Umrikar

2. Designation:- Assistant Professor

3. Department:- Industrial Automation and Robotics

4. Date of Joining the Institution:- 07/07/2024



5. Qualification with Class/Grade:-

- **UG: B. Tech.**
- **PG: M. Tech. First Class**

6. Total Experience in Years:

- **Teaching: 1**
- **Industry: 0.9**
- **Research: 00**

7. Papers Published:-

- **National:- 00**
- **International:- 00**

8. Papers Presented in Conferences:-

- **National:- 00**
- **International:- 00**

9. PhD Guide? Give Field and University:-
NA

10. PhDs/Projects Guided:-

- **Projects at Masters Level:- 00**

11. Books Published/IPRs/Patents:- 00

Books Published: 00

12. Professional Membership:-

13. Consultancy Activities:-

Awards:-

14. Grants Fetched:-

15. Interaction with Professional Institutions:-

FACULTY PROFILE

1.Name of Teaching Staff:- Mr.Ananda V. Shivashimpi

2.Designation:- Assistant Professor

3.Department:- Automation and Robotics

4.Date of Joining the Institution:- 10/08/2023



5. Qualification with Class/Grade:-

- **UG: B.E (Electrical and Electronics Engg.) First Class**
- **PG: M.Tech (Industrial Automation and Robotics) First Class with Distinction**
- **Ph. D- Nil**

6.Total Experience in Years:

- **Teaching: 11**
- **Industry: 00**
- **Research: 00**

7.Papers Published:-

- **National:- 00**
- **International:-05**

8.Papers Presented in Conferences:-

- **National:- 01**
- **International:- 00**

9.PhD Guide? Give Field and University:-

- **Field:- NIL**

10.PhDs/Projects Guided:-

- **PhD:- Nil**
- **Projects at Masters Level:- Nil**

11.Books Published/IPRs/Patents:- 02

Books Published: 00

12.Professional Membership:- JARC

13.Consultancy Activities:- Nil

14.Awards:- Nil

15.Grants Fetched:- Nil

16.Interaction with Professional Institutions:- Nil

FACULTY PROFILE

- 1. Name of Teaching Staff:-** Mr. Chandan .M. N.
2. Designation:- Assistant Professor
3. Department:- Department of Automation and Robotics
4. Date of Joining the Institution:- 15/06/2022



5. Qualification with Class/Grade:-

- **UG:** Bachelor of Engineering (Mechanical Engineering)
- **PG:** M. Tech (Industrial Automation and Robotics)
- **Ph. D. (Pursuing)**

6. Total Experience in Years:

- **Teaching:** 10
- **Industry:** 02
- **Research:** 00

7. Papers Published:-

- **National:-** 00
- **International:-** 06

8. Papers Presented in Conferences:-

- **National:-** 00
- **International:-** 03

9. PhD Guide? Give Field and University:- 0

10. PhDs/Projects Guided:-

- **PhD:-** 0
- **Projects at Masters Level:-** 0

11. Books Published/IPRs/Patents:- 03

Books Published: 0

12. Professional Membership: - TRS, IEEE RA

13. Consultancy Activities: - NIL

14. Awards:- Nil

15. Grants Fetched:- NIL

16. Interaction with Professional Institutions:- NIL

FACULTY PROFILE

1. Name of Teaching Staff:- *Rashmi A Deshpande*

2. Designation:- *Asst. Professor*

3. Department:- *Automation & Robotics*

4. Date of Joining the Institution:- *25/02/2025*



5. Qualification with Class/Grade:-

- *UG: B. E. (Instrumentation & Control) First Class*
- *PG: M. E. (Instrumentation) First Class*

6. Total Experience in Years:

- *Teaching: 13*
- *Industry: 04*
- *Research: 00*

7. Papers Published:-

- *National:- 00*
- *International:- 01 (submitted)*

8. Papers Presented in Conferences:-

- *National:- 00*
- *International:- 6*

9. PhD Guide? Give Field and University:- *NA*

10. PhDs/Projects Guided:- *NA*

11. Books Published/IPRs/Patents:- *01*

Books Published: 00

12. Professional Membership:- *None*

13. Consultancy Activities:- *None*

14. Awards:- *None*

15. Grants Fetched:- *None*

16. Interaction with Professional Institutions:- *None*

FACULTY PROFILE

1. Name of Teaching Staff:- *Dr. Rayappa Shrinivas Mahale*

2. Designation:- *Assistant Professor*

3. Department:- *Automation and Robotics*

4. Date of Joining the Institution:- *26/09/2024*



5. Qualification with Class/Grade:-

- *UG: Bachelor of Engineering (Industrial & Production Engineering)*
- *PG: M. Tech (Production Management)*
- *Ph. D. (Mechanical Engineering)*

6. Total Experience in Years:

- *Teaching: 11*
- *Industry: 06 Months*
- *Research: 02*

7. Papers Published:-

- *National:- 04*
- *International:- 53*

8. Papers Presented in Conferences:-

- *National:- 04*
- *International:- 07*

9. PhD Guide? Give Field and University:- *NIL*

10. PhDs/Projects Guided:-

- *PhD:- NIL*
- *Projects at Masters Level:- NIL*

11. Books Published/IPRs/Patents:- *03*

Books Published: 01

12. Professional Membership:- *ISTE, PMAI*

13. Consultancy Activities:- *NIL*

14. Awards:- *1) Best Teacher Award from D Y Patil Technical Campus, Pune (2015-16)*

2) Best Teacher Award from D Y Patil Technical Campus, Pune (2017-18)

15. Grants Fetched:- *NIL*

16. Interaction with Professional Institutions:- *Research Collaboration with BARTIN University Turkey, Adama Science and Technology University, Ethiopia, IIT Roorkee, NIT Rourkela and NITK Surathkal, India.*

FACULTY PROFILE

- 1.Name of Teaching Staff:- Mr.Suyog Kailas Vitnor**
2.Designation:- Assistant Professor
3.Department:- Department of Automation & Robotics
4.Date of Joining the Institution:- 06/03/2023



5. Qualification with Class/Grade:-

- **UG: B.E Mechanical First Class**
- **PG: M.Tech CAD/CAM/CAE First Class**
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6.Total Experience in Years:

- **Teaching: 8 years 6 months**
- **Industry:**
- **Research:**

7.Papers Published:-

- **National:-**
- **International:- 03**

8.Papers Presented in Conferences:-

- **National:- 01**
- **International:-**

9.PhD Guide? Give Field and University:-

- **Field:-**

10.PhDs/Projects Guided:-

- **PhD:-**
- **Projects at Masters Level:-**

11.Books Published/IPRs/Patents:- 02

Books Published:

12.Professional Membership:- ISTE, ISME,

13.Consultancy Activities:-

14.Awards:-

15.Grants Fetched:-

16.Interaction with Professional Institutions:- AK Academy Pune, Alten Pvt Ltd Pune

FACULTY PROFILE

1. Name of Teaching Staff:- Mrs. Shweta. R. Desai

2. Designation:- Assistant Professor

3. Department:- Automation & Robotics

4. Date of Joining the Institution:- 01/09/2023



5. Qualification with Class/Grade:-

- **UG: B.Tech . (Electronics) First Class with Distinction**
- **PG: M.E. (VLSI & ES) First Class**

6. Total Experience in Years:

- **Teaching: 13**
- **Industry: 01**
- **Research: 00**

7. Papers Published:-

- **National:- 00**
- **International:- 02**

8. Papers Presented in Conferences:-

- **National:- 00**
- **International:- 00**

9. PhD Guide? Give Field and University:-

- **Field:- NA**

10. PhDs/Projects Guided:-

- **PhD:- 00**
- **Projects at Masters Level:- 00**

11. Books Published/IPRs/Patents:- 02

Books Published: 00

12. Professional Membership:- IEEE, ISTE

13. Consultancy Activities:- NA

14. Awards:- NA

15. Grants Fetched:- NA

16. Interaction with Professional Institutions:- NA

FACULTY PROFILE

1. Name of Teaching Staff:- Dr.Yashwant Umrao Chapke

2. Designation:- Associate Professor

3. Department:- Automation & Robotics

4. Date of Joining the Institution:- 18/01/2024



5. Qualification with Class/Grade:-

- **UG: B.Tech Production First Class**
- **PG: M.Tech Mechanical CAD/CAM First Class with Distinction**
- **Ph. D Mechanical Engineering (S.P.P.U. Pune)**

6. Total Experience in Years:

- **Teaching: 13.6**
- **Industry: 00**
- **Research: 0**

7. Papers Published:-

- **National:- 01**
- **International:- 05**

8. Papers Presented in Conferences:-

- **National:- 02**
- **International:- 05**

9. PhD Guide? Give Field and University:-

- **No**

10. PhDs/Projects Guided:-

- **PhD:- Nil**
- **Projects at Masters Level:- 02**

11. Books Published/IPRs/Patents:- 2

Books Published: 01

12. Professional Membership:- IAENG

13. Consultancy Activities:-

14. Awards:-

15. Grants Fetched:- Rs.390000/-

16. Interaction with Professional Institutions:- IIM Bangalore (Foundation & Advanced Lean Manufacturing Program)

FACULTY PROFILE

1. Name of Teaching Staff:- *Dr. Swapnil Shivram Vyavahre*

2. Designation:- *Assistant Professor*

3. Department:- *Automation & Robotics*

4. Date of Joining the Institution:- *01/07/2024*



5. Qualification with Class/Grade:-

- *UG: B. E. (Mechanical Engineering) First Class*
- *PG: M. Tech. (Mechanical Engineering) First Class*
- *Ph. D. (Mechanical Engineering)*

6. Total Experience in Years:

- *Teaching: 4.5*
- *Industry: 3.5*
- *Research: 4*

7. Papers Published:-

- *National:- 00*
- *International:- 13*

8. Papers Presented in Conferences:-

- *National:- 00*
- *International:- 06*

9. PhD Guide? Give Field and University:- *0*

10. PhDs/Projects Guided:-

- *PhD:- 0*
- *Projects at Masters Level: - 0*

11. Books Published/IPRs/Patents: - *01*

12. Professional Membership: - *IAENG*

13. Consultancy Activities: - *Nil*

14. Awards:- *1) Best research paper in International Conference on “Recent advances in Manufacturing” 2020*

15. Grants Fetched:- *Nil*

16. Interaction with Professional Institutions:- *Nil*