



Sipna College of
Engineering and Technology,
Amravati

***DEPARTMENT
OF
MECHANICAL ENGINEERING***

***NEWS LETTER
2025 - 26***

About The Department

The evergreen branch in the engineering stream finds its way from the day the stone-age man chiselled his first tool to progress towards creating a mechanism to hold as well as to bring the tool into action. Today, apart from the core areas in the field of **Mechanical Engineering**, a Mechanical Engineer finds his/her utility in the more diversified fields like Artificial Intelligence, Automation, Virtual Factory, Biomedical Engineering and so on. As the field of Mechanical Engineering consists of variety of disciplines (e.g. aerospace, shipping, defence armament, refrigeration and air conditioning, biomedical, automobile, etc.), an individual can easily reach to the level of expertise in his/her preferred domain and get employed, where he/she can work as a Research and Development Engineer, a production engineer or even as a manager in a manufacturing industry.

The work of a Mechanical Engineer can be extremely challenging and fulfilling, requiring design and analytical skills combined with another discipline like IT, while working as a team player to achieve the final product, making him/her very versatile.

Vision of Department

The Department of Mechanical Engineering is committed to produce competent engineering graduates through quality teaching learning process, research and industry institute interaction so as to shoulder the responsibilities of nation building.

Mission of Department

1. To Develop Conducive Teaching Learning Environment for Benefit of the Students.
2. To Develop Mutually Beneficial Relationship with Industries and understand the Needs of Industry.
3. To Promote the Faculty & Students to Actively Participate in Research Activities.
4. To Educate Students about Professional & Ethical Responsibilities and train them to inculcate Leadership and Entrepreneurship Qualities for their Career Development.

Programs Offered

- ❖ B.Tech. Mechanical Engineering (60 Seats)
- ❖ M.Tech. Mechanical (Computer Integrated Manufacturing) (18 Seats)

Inside Issues

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Students Activities

Sr. No.	Date	Activity	Guest
01	05 th July, 2025	An Expert Lecture on “Simulation, Automation & Robotics”.	Shri. Sunil Chore, 1] Founder Chairman & Managing Director, SimuSoft Technologies, Pune, 2] Founder Director, Ashirwad Growth Foundation, Section 8 Company
02	23 rd July, 2025	A Webinar on “Engineering Materials”.	Experts from iStep
03	4 th and 5 th August 2025	Electric Vehicles: The Future of Transportation in Sustainable Energy Systems, organized by the Institution of Engineers (India) Amravati Local Centre.	Experts invited by Institution of Engineers (India) Amravati Local Centre
06	16 th September, 2025	Engineers Day Celebration.	Dr. A. D. Gawande & Dr. S. S. Ingole
05	24 th March, 2026	Recent Advances in Nuclear Power Generation.	Shri. Samir Sathe, Senior Test Engineer, Tech Mahindra

An Expert Lecture on “Simulation, Automation & Robotics”



A Webinar on “Engineering Materials”.



A Seminar on “Electric Vehicles: The Future of Transportation in Sustainable Energy Systems”.



An “Engineers Day” Celebration.





A Guest Lecture on “Recent Advances in Nuclear Power Generation”.



Students Achievements

Students Achievement in University Level Sports& Cultural Competition:

Sports are necessary as it brings physical and mental fitness to the person involved on a regular basis. For living a relaxed and comfortable life we need a sound mind and a sound body. Education is very necessary to make a fancy and comfortable living. In the same way, for getting a sound mind and body, everyone must get involved in some type of physical activities for which sports is the best way. Thus, the department encourages students to get involved in sports activities. Also, our students perform very well in sports competition at various levels. In the academic year 2025-26, 4 students of our department secured a colorcoat in events like Swimming, Volleyball & Waterpolo & one student secured a colorcoat in event Elocution.

List of University Color Coat Holders of Our Department **(Academic Year - 2024-25)**

Sr. No.	Name of Student	Class	Event	Level
01	Miss. Ishita Ingole	Final Year	Volleyball	All India Inter University Level
02	Miss. Hitisha Pawar	3rd Year	Fencing	
02	Miss. Shravani Rote	3rd Year	Elocution	

University Color Coat Holders of Our Department
(Academic Year - 2025-26)



Miss Ishita Ingole



Miss. Hitisha Pawar



Miss. Shravani Rote

Team Immortal Sipnoids Triumphed at “DIRT Kart Design Challenge – Season 3”

The Department proudly announced the remarkable achievement of **Team Immortal Sipnoids (Go-Kart)** at the **DIRT Kart Design Challenge (DKDC) – Season 3**, organized by the **Fraternity of Mechanical and Automotive Engineers (FMAE)**. The prestigious event was held at **Dirt Temple, Valpoi, Goa**, from **27th to 29th March 2026**.



After a journey marked by dedication, perseverance, technical innovation, and teamwork, Team Immortal Sipnoids delivered an outstanding performance across multiple competitive categories. The team emerged as the **Overall Championship Winner** and secured a **cash prize of ₹50,000**.

The team secured victories in the following events:

- * **Design Evaluation**
- * **Aesthetic**
- * **Acceleration**
- * **Autocross**
- * **Skidpad**

The team also secured the **First Runner-Up position in the Endurance event**, further demonstrating the performance, reliability, and engineering capabilities of their Go-Kart.

This outstanding accomplishment was a testament to the team's **relentless efforts, technical expertise, innovative approach, and exceptional teamwork**. The achievement marked a significant milestone for the Department and reflected the students' ability to apply their engineering knowledge and skills to practical, competitive challenges.

The Department extends its **heartiest congratulations to Team Immortal Sipnoids, their mentors, and everyone involved** in this remarkable success. Their achievement served as an inspiration to fellow students and exemplified the spirit of **excellence, innovation, and teamwork** fostered by the Department.

Industrial Visits

Industrial visits are an important part of engineering education. They give students a chance to see how things work in real industries and help them understand how the concepts they learn in class are used in real life. Visiting factories and workshops allows students to observe different machines, tools, and processes, which builds practical knowledge. These visits also help students understand industry standards, safety practices, and the working environment.

By interacting with professionals, students can learn about career opportunities and current trends in technology. Industrial visits bridge the gap between theory and practice, making learning more meaningful. They also encourage teamwork, curiosity, and a better understanding of the mechanical engineering field.

Industrial Visits – 2025-26

Sr No.	Name of Industry	Date of Visit	Year	No. of Students
1	Senger Industries MIDC, Amravati, (MS)	14/11/25	I Year	55
2	Senger Industries MIDC, Amravati, (MS)	11/03/26	II Year	42
3	Patmase Steel Industry, MIDC, Amravati, (MS)	14/03/26	I Year	48
4	Dhanshree Trolly, MIDC, Amravati, (MS)	14/02/26	I Year	48

One Day Industrial Visit at Senger Industries MIDC, Amravati (MS) - 14/11/25



One Day Industrial Visit at Senger Industries MIDC, Amravati, (MS) - 11/03/26



One Day Industrial Visit at Patmase Steel Industry, MIDC, Amravati, (MS) - 14/03/26



One Day Industrial Visit at Dhanshree Trolly, MIDC, Amravati, (MS) - 14/02/26



Placements
Students Placed in On-Campus
Session: 2025-26

Sr. No.	Name of Student	Company Name	Designation	Package (Lakhs)
1	Aditya Pradip Hadole	LGB Group (Rolon)	Apprentice Trainee	2.2
2	Aditya Rajesh Mundada	LGB Group (Rolon)	Apprentice Trainee	2.2
3	Ajesh Suresh Rathod	LGB Group (Rolon)	Apprentice Trainee	2.2
4	Alpesh Devanand Gawai	LGB Group (Rolon)	Apprentice Trainee	2.2
5	Anand Siddharth Ingole	LGB Group (Rolon)	Apprentice Trainee	2.2
6	Aniket Anil Gaikwad	LGB Group (Rolon)	Apprentice Trainee	2.2
7	Anushka Shankar Indore	LGB Group (Rolon)	Apprentice Trainee	2.2
8	Anushree Rajesh Sawai	LGB Group (Rolon)	Apprentice Trainee	2.2
9	Ayush surendra Gayakwad	LGB Group (Rolon)	Apprentice Trainee	2.2
10	Ayush Ramesh Jawanjal	LGB Group (Rolon)	Apprentice Trainee	2.2
11	Bhushan Shrikrishnrao kaje	LGB Group (Rolon)	Apprentice Trainee	2.2
12	Devesh Pramod Gaynar	LGB Group (Rolon)	Apprentice Trainee	2.2
13	Disha Virendra Chauhan	LGB Group (Rolon)	Apprentice Trainee	2.2
14	Dishank Ravindra Taywade	LGB Group (Rolon)	Apprentice Trainee	2.2
15	Divya Ajay Fanse	LGB Group (Rolon)	Apprentice Trainee	2.2
16	Isha Surendra Suple	LGB Group (Rolon)	Apprentice Trainee	2.2
17	Jay prabhu wankhade	LGB Group (Rolon)	Apprentice Trainee	2.2
18	Neeraj dhananjay ingle	LGB Group (Rolon)	Apprentice Trainee	2.2
19	Neha Nilesh Lokhande	LGB Group (Rolon)	Apprentice Trainee	2.2
20	Nishikant Sanjay Bansod	LGB Group (Rolon)	Apprentice Trainee	2.2
21	Om raju Girhe	LGB Group (Rolon)	Apprentice Trainee	2.2
22	Parth Vijaykumar Janjal	LGB Group (Rolon)	Apprentice Trainee	2.2
23	Prajval Jaykumar Pandhe	LGB Group (Rolon)	Apprentice Trainee	2.2
24	Priti Pravin More	LGB Group (Rolon)	Apprentice Trainee	2.2

Sr. No.	Name of Student	Company Name	Designation	Package (Lakhs)
25	Rohit Jagdish Belsare	LGB Group (Rolon)	Apprentice Trainee	2.2
26	Rutuja Vinodrao Lahe	LGB Group (Rolon)	Apprentice Trainee	2.2
27	Sakshi Bhujang Gajbe	LGB Group (Rolon)	Apprentice Trainee	2.2
28	Sakshi Laxman Thakare	LGB Group (Rolon)	Apprentice Trainee	2.2
29	Sarthak Prabhakar Hirulkar	LGB Group (Rolon)	Apprentice Trainee	2.2
30	Shashank Chandrakant Dinode	LGB Group (Rolon)	Apprentice Trainee	2.2
31	Shreyash Vinodrao Makode	LGB Group (Rolon)	Apprentice Trainee	2.2
32	Siddhesh Virendra Kalkotwar	LGB Group (Rolon)	Apprentice Trainee	2.2
33	Tejal Manish Durge	LGB Group (Rolon)	Apprentice Trainee	2.2
34	Vaishnavi Vilasrao Bahurupi	LGB Group (Rolon)	Apprentice Trainee	2.2
35	Yash Shrikrushna Girhe	LGB Group (Rolon)	Apprentice Trainee	2.2
36	Yash Girhe	Jabil Electronics Pvt. Ltd.	Graduate Associate	2.5
37	Om Girhe	Jabil Electronics Pvt. Ltd.	Graduate Associate	2.5
38	Neeraj Ingle	Jabil Electronics Pvt. Ltd.	Graduate Associate	2.5
39	Karan Chaudhari	Jabil Electronics Pvt. Ltd.	Graduate Associate	2.5
40	Anjali Kubde	Epitome, Pune	Apprentice Trainee	2.2
41	Anushka Shankar Indore	Epitome, Pune	Apprentice Trainee	2.2
42	Karan Chaudhari	Epitome, Pune	Apprentice Trainee	2.2
43	Siddhesh Virendra Kalkotwar	Epitome, Pune	Apprentice Trainee	2.2
44	Aditya Ghughane	Epitome, Pune	Apprentice Trainee	2.2
45	Shashank Chandrakant Dinode	Epitome, Pune	Graduate Trainee Engineer	2.4

MoU's with Industries and Institutes:

As Mechanical Engineering is the broadest of all the Engineering Disciplines, a degree in Mechanical Engineering provides you both- a big picture perspective of future opportunities as well as diverse research experiences required to make most of them. Working with industries and with the institutes of high academic excellence and Research, we try to expose our students to the real industrial world outside. The Department/Institute has signed MoU's with Local Industries.

MOU's with Industries

<i>Local Industry MOU</i>		
Sr. No.	Name & Address of Industry	Unit Type
01	AYUSHREE PACKAGING Plot No. A – 26, Old Badnera Bypass, M.I.D.C AREA, Amravati – 444605, Maharashtra	Plastic Injection Moulding
02	SENGER INDUSTRIES Plot No. F – 33, Express Bypass, M.I.D.C Area, Amravati – 444607, Maharashtra	Heavy Fabrication & Machining Work
03	M/S. TIRUPATI INDUSTRIES Plot No. C – 61 Old By-Pass Road, M.I.D.C Amravati 444506, Maharashtra	Precast Cement Product
04	M/S. TIRUPATI PRESTRESS At. Post Kurha, Tq.:Teosa, Dist.: Amravati, Maharashtra	RCC Pole & Cement Casting
05	SHIV INTERNATIONAL FRUIT PRODUCTS Plot No. C – 59/70, Saturna Industrial Estate, Badnera Road, Amravati Maharashtra	Plastic Blow Moulding & Mineral Water
06	SHREEJI PET & POLYMERS Plot No. B– 14, M.I.D.C Area, Amravati - 444607 Dist: Amravati, Maharashtra	Plastic Moulding Process
07	JADHAO STEEL ALLOYS Plot No. A – 81, M.I.D.C Industrial Area, Amravati – 444602, Maharashtra	Metal Casting

08	ADI HI-TECH GINNING MACHINERIES Plot No. G – 14 & 15, Behind MIDC Association Hall, Old Badnera Bypass, M.I.D.C Area, Amravati – 444607, Maharashtra	Cotton Ginning & Pressing Machine Parts Mfg.
09	JADHAO GEARS PVT. LTD D-9, MIDC Area, Amravati - 444605, Maharashtra, India	Gear & Gear Box Mfg.
10	AMRAVATI METAL WORKS B – 03, C -60, Industrial Estate, Amravati- Badnera Road, Amravati Maharashtra	Utensil Mfg
11	ECE (INDIA) ENERGIES (P) LIMITED Plot No. F – 27, Amravati MIDC Area, Express Highway NH – 06, Amravati – 444 607 (M.S) India	Solar Product Mfg.
<i>Outside Industry MOU</i>		
12	BELIEVANT TECHNOLOGIES PVT. LTD City Vista Building A, Kharadi, Pune - 411014	Automotive, Material Handling, Robotics
13	SHRIRAM MACHINING COMPANY, Gat No. 986/13, Nareshwar Mandir Road, Sanaswadi, Pune - 412208	Machining Unit
14	S P INDUSTRIES, Saffron Avenue, A – 1104, Sr. No. 53/6, Bavdhan Khurd, Pune - 411021	Boiler Mfg Unit
15	VARAD INDUSTRIES, Gat No. 70/31, Wadgaon (Ko), MIDC Waluj, Aurangabad - 431136	SPM, Press, Tool, Jigs & Fixture Mfg
16	SHREE SAIGAN INDUSTRIES, Sector B-28, MIDC Waluj, Aurangabad - 431136	Press Components & Assembly Mfg Unit
17	3S TECHNOCAST PVT. LTD. 7, Madhumeera, Parab Nagar, Indira Nagra, Nashik 422009	Metal Casting Unit

Faculty Achievements

(STTPs / Faculty Development Prog. / Paper / Books Published etc.)

1] STTP

Sr. No.	Name of the Faculty	Details of STTP
1	Dr. S. S. Ingole	One Week STTP on "Electric Vehicles: A Multi-disciplinary Approach to Future Mobility", organised by Sipna College of Engineering & Technology, Amravati (M.S), from 05/01/2026 to 09/01/2026.
2	Dr. G. P. Dhok	One Week STTP on "Electric Vehicles: A Multi-disciplinary Approach to Future Mobility", organised by Sipna College of Engineering & Technology, Amravati (M.S), from 05/01/2026 to 09/01/2026.
3	Prof. S. B. Malani	One Week STTP on "Electric Vehicles: A Multi-disciplinary Approach to Future Mobility", organised by Sipna College of Engineering & Technology, Amravati (M.S), from 05/01/2026 to 09/01/2026.
4	Prof. A. M. Wankhade	One Week STTP on "Electric Vehicles: A Multi-disciplinary Approach to Future Mobility", organised by Sipna College of Engineering & Technology, Amravati (M.S), from 05/01/2026 to 09/01/2026.
5	Prof. P. M. Kurwade	One Week STTP on "Electric Vehicles: A Multi-disciplinary Approach to Future Mobility", organised by Sipna College of Engineering & Technology, Amravati (M.S), from 05/01/2026 to 09/01/2026.
6	Prof. A. K. Anasane	One Week STTP on "Electric Vehicles: A Multi-disciplinary Approach to Future Mobility", organised by Sipna College of Engineering & Technology, Amravati (M.S), from 05/01/2026 to 09/01/2026.
7	Prof. A. D. Bhandarkar	One Week STTP on "Electric Vehicles: A Multi-disciplinary Approach to Future Mobility", organised by Sipna College of Engineering & Technology, Amravati (M.S), from 05/01/2026 to 09/01/2026.
8	Prof. S. S. Jamkar	One Week STTP on "Electric Vehicles: A Multi-disciplinary Approach to Future Mobility", organised by Sipna College of Engineering & Technology, Amravati (M.S), from 05/01/2026 to 09/01/2026.
9	Prof. S. S. Kalmegh	One Week STTP on "Electric Vehicles: A Multi-disciplinary Approach to Future Mobility", organised by Sipna College of Engineering & Technology, Amravati (M.S), from 05/01/2026 to 09/01/2026.
10	Dr. G. D. Mandavgade	One Week STTP on "Electric Vehicles: A Multi-disciplinary Approach to Future Mobility", organised by Sipna College of Engineering & Technology, Amravati (M.S), from 05/01/2026 to 09/01/2026.
11	Prof. S. H. Ingle	One Week STTP on "Electric Vehicles: A Multi-disciplinary Approach to Future Mobility", organised by Sipna College of Engineering & Technology, Amravati (M.S), from 05/01/2026 to 09/01/2026.

12	Prof. P. R. Jakhotiya	One Week STTP on "Electric Vehicles: A Multi-disciplinary Approach to Future Mobility", organised by Sipna College of Engineering & Technology, Amravati (M.S), from 05/01/2026 to 09/01/2026.
13	Prof. A. S. Gadre	One Week STTP on "Electric Vehicles: A Multi-disciplinary Approach to Future Mobility", organised by Sipna College of Engineering & Technology, Amravati (M.S), from 05/01/2026 to 09/01/2026.

2] FDP's

Sr. No.	Name of the Faculty	Details of FDP's
1	Prof. A. M. Wankhade	One Week FDP on "Indsutry 5.0: Human -Centric, Sustainable and Resilient Manufacturing", organized by Thakur College of Engg. & Tech., Mumbai, (M.S.), from 15/06/2026 to 20/06/2026.
2	Prof. P. M. Kurwade	One Week FDP on "Recent Advances in Mechanical Engineering", organized by Padm. Dr. V. B. Kolte College of Engg., Malkapur, Buldhana, (M.S.), from 29/05/2026 to 03/06/2026.
3	Prof. A. K. Anasane	One Week FDP on "Indsutry 5.0: Human -Centric, Sustainable and Resilient Manufacturing", organized by Thakur College of Engg. & Tech., Mumbai, (M.S.), from 15/06/2026 to 20/06/2026.
4	Prof. S. S. Kalmegh	One Week FDP on "Effective Research Paper Writing: Principles and Practices", organized by Pimpri Chinchwad College of Engineering & Research, Pune, (M.S.) from 27/01/2026 to 31/01/2026.
		One Week Online International FDP on "Smart Mobility: IOT & Embedded Systems in Modern Automotive Engg.", organized by VNR VJIET, Hyderabad, Telangana, from 04/05/2026 to 08/05/2026.
		One Week Online International FDP on "Innovations and Technology in HVACR Systems", organized by Jawarharlal Darda Institute of Engineering & Tech. Yavatmal, (M.S.) from 16/06/2026 to 20/06/2026.
5	Dr. G. D. Mandavgade	One Week Online International FDP on "Smart Manufacturing Technologies aligned with Industry 4.0: Challenges & Opportunities", organized by G. H. Raisoni University, Amravati, (M.S.) from 08/09/2025 to 13/09/2025.
		One Week Online International FDP on "Innovations and Technology in HVACR Systems", organized by Jawarharlal Darda Institute of Engineering & Tech. Yavatmal, (M.S.) from 16/06/2026 to 20/06/2026.

3] Paper Published

Sr. No.	Name of the Faculty	Details of Paper Published
1	Dr. S. M. Kherde	Enhancing Energy Storage and Drying Efficiency in a Cabinet Solar Dryer Using Nano-Enhanced PCM with FMWCNT, Journal of Renewable Energies.
2	Prof. P. M. Kurwade	Nanofluids Vs. Conventional Heat Transfer Fluids: Techno-Economic and Environmental Based Comparision, International Journal of Engineering Inventions.
3	Prof. A S Gadre	Lean Manufacturing for Industrial Competitiveness: A Review, International Journal on Science and Technology.
4	Prof. A S Gadre	Simulation-Based Validation of Integrated Lean Manufacturing and Theory of Constraints for Performance Improvement in a Bakery Production System, International Journal of Emerging Technologies and Innovative Research.

4] Book Published

Sr. No.	Name of the Faculty	Details of Book Published
1	Prof. Abhishek Shirish Gadre	He has translated book titled 'Manufacturing Engineering' (Translated – उत्पादन अभियांत्रिकी), the book is translated from English language to Marathi language under the AICTE e-Kumbh initiative. The book titled 'Manufacturing Engineering' (Translated – उत्पादन अभियांत्रिकी), is now available on the AICTE e-Kumbh portal. This platform is part of AICTE's mission to make technical education accessible in Indian languages, enabling students from diverse linguistic backgrounds to learn core engineering concepts effectively. You can Access the book through: https://ekumbh.aicte-india.org/allbook.php (Select Mechanical Engineering & in language – select Marathi)

About Institution



The college of Engineering and Technology was established in 1999 to provide quality professional and technical education to the student of the region and around seeking various under graduate, post graduate engineering courses, management and research programmers.

Sipna College of Engineering & Technology is an autonomous (from the academic year 2024-25) unaided Engineering college approved by the All India Council for Technical Education (AICTE), New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati (Maharashtra).

The Institute is Certified by ISO 9001:2015 (Quality Management System), ISO 14001:2015 (Environment Management System) & ISO 17025:2005.

National Assessment & Accreditation Council (NAAC) accreditation is another feather in the cap for the institution and it has received an 'A+' Grade.

Under the AICTE Margadarshan scheme, Sipna College of Engineering & Technology, Amravati is "A Mentee Institute" of C.O.E.P Technological University, Pune . Sipna C.O.E.T has got the membership of Confederation of Indian Industry (C.I.I), the most reputed Industry Organization. We are proud to say that Sipna C.O.E.T is the only Institute in Sant Gadge Baba Amravati University who is a member of C.I.I. C.I.I is a non- government, not- for- profit, industry-led and industry-managed organization, playing a proactive role in India's development process.

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