|| विद्या सर्वस्य भूषणम् ||

Amrutvahini Sheti and Shikshan Vikas Sanstha's

AMRUTVAHINI COLLEGE OF ENGINEERING

SANGAMNER - 422608

An ISO 9001 : 2015 Certified Institute

Established in 1983

" To create opportunities for rural students to become able engineers and technocrats through continual excellence in engineering education. "

39 Years of Academic Excellence AVS & SVS

Mechanical E &TC
Civil Computer
Electronics & Computer Engg.
Automation & Robotics
IT Electrical MBA
Engg. Science
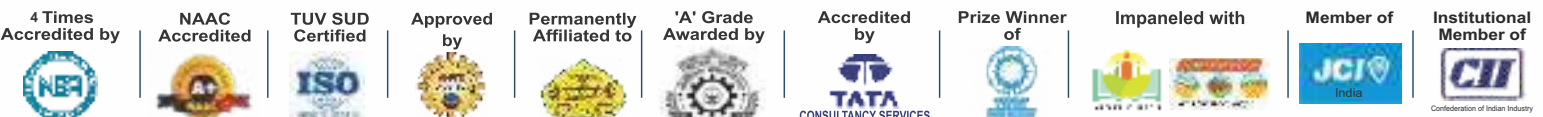
INFORMATION BROCHURE 2022 - 23

9th Position in Top Engineering College Ranked in State by CSR-GHRDC (July, 2022)

All India 16th Position in Ranking of Outstanding Engineering Colleges Excellence by CSR-GHRDC (July 2022)

Awarded as Best Affiliated Engineering College (Professional-Rural) for the Academic Year 2020-21 by SPPU, Pune

4 Times Accredited by	NAAC Accredited	TUV SUD Certified	Approved by	Permanently Affiliated to	'A' Grade Awarded by	Accredited by	Prize Winner of	Impaneled with	Member of	Institutional Member of
NBA	NAAC	ISO				TATA CONSULTANCY SERVICES			JCI India	CII Confederation of Indian Industry

Top T-Schools in India 2020 by DATAQUEST : 46th Rank

Top T-Schools (Private) 2020 by DATAQUEST : 36th Rank

Zone Wise Top 10 T-Schools (West Zone) 2020 by DATAQUEST : 6th Rank

Gold Award by Quality Circle Forum of India in 2021

Our Primary Focus is on Academic Excellence & Academic Ambience

e-Yantra Lab Setup Initiative (IIT Bombay)	MoU with Sunway University Malaysia Syiah Kuala University, Indonesia	Robotics Pocess Automation in Association with Automation Anywhere University	Virtual Lab Nodal Centre, IIT Bombay	ISRO IIRS Nodal Centre

VISION

To create opportunities for rural students to become able engineers and technocrats through continual excellence in engineering education.

MISSION

Our mission is to create self disciplined, physically fit, mentally robust and morally strong engineers and technocrats with high degree of integrity & sense of purpose who are capable to meet challenges of ever advancing technology for the benefit of mankind and nature. We, the management, the faculty and staff, therefore promise to strive hard and commit ourselves to achieve this objective through a continuous process of learning and appreciation of need of time.

QUALITY POLICY

"Amrutvahini College of Engineering is committed to develop in young minds, the state-of-the art technology and high academic ambience by synergising spirtual values and technological competence continually, in a learning environment".

QUALITY OBJECTIVES

- To strive hard for academic excellence & synergizing spiritual & moral values.
- To improve overall development of student.
- To enhance industry-institute interaction.
- To provide assistance for placement & entrepreneurship development.
- To promote and encourage R&D activities.

Program Outcomes (POs)

➢ **Engineering Knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

➢ **Problem Analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

➢ **Design/Development of Solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

➢ **Conduct Investigations of Complex Problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

➢ **Modern Tool Usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

➢ **The Engineer and Society**: Apply reasoning informed by the contextual knowledge to access societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

➢ **Environment and Sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

➢ **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

➢ **Individual and Team Work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

➢ **Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

➢ **Project Management and Finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

➢ **Life-Long Learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

The Philanthropist

Hon. Late Shri. Bhausaheb Santuji Thorat
Founder President

Amrutvahini Sheti and Shikshan Vikas Sanstha, Amrutnagar, Sangamner

The concept of un-aided engineering colleges was put forth by Padmashri Shri. Vasantdada Patil in 1983. The vision, untiring efforts, multidimensional thinking of a humble farmer, freedom fighter, social worker and the doyen of co-operative movement Sahakarmaharshi Shri. Bhausaheb Santuji Thorat alias Dada laid the foundation of "Amrutvahini Sheti & Shikshan Vikas Sanstha" in 1978 at Sangamner. An altruistic vision and aspiration of Dada was to start and propagate the higher technical education to the students of rural area. Over the years, each and every employee has become an integral part of Amrutvahini Sheti and Shikshan Vikas Sanstha.

Since 1983 more than 13,683 students have completed their engineering / management education under the aegis of Amrutvahini and are working in organizations of repute across the globe.

‘‘... उसंत, फुरसत मला कधी ठाऊकच नाही. तरीही कामाच्या व्यापातून जेव्हा कधी मोकळा वेळ मिळतो, तेव्हा मी या टेकडीवर ‘अमृतकुटी’त चिंतनासाठी येऊन बसतो. तेथून सभोवताली नजर टाकताना माझ्या दृष्टिपथात येतो उजाड माळरानावर झालेला अद्भूत बदल आणि उभ्या राहिलेल्या विकासाच्या नवनवीन योजना यातून मिळतो माझ्या मनाला कार्यपूर्तीचा असीम आनंद आणि सुचतात कल्पना भविष्याचा वेध घेणाऱ्या ! दिसतात स्वप्ने नित्य नव्या निर्मितीची आणि होतातही साकार अगणित सहकाऱ्यांच्या सहकार्याच्या सामर्थ्यातून!’’

मा. भाऊसाहेब थोरात यांच्या ‘अमृतगाथा’ या आत्मचरित्रातून

Dynamic Leadership

Hon. Shri. Balasaheb Bhausaheb Thorat
Ex. Revenue Minister, Government of Maharashtra.

President,
Amrutvahini Sheti and Shikshan Vikas Sanstha,
Amrutnagar, Sangamner.

The Hon. President took upon himself the arduous task for translating the vision of Hon. Bhausaheb Thorat into concrete dreams by imbibing the virtue of hard work and honesty to achieve excellence in the sphere of education through his dynamic and pragmatic leadership. It is under his able guidance that the college has expanded its horizons and achieved the distinction of NBA accreditation for four times and awarded "A+" Grade with 3.4 CGPA by NAAC, Bengaluru in 2021 and awarded "A" Grade by Govt. of Maharashtra. Recently, AVCOE awarded as Best Affiliated Engineering College (Professional-Rual) for the academic year 2020-2021 by Savitribai Phule Pune University, Pune.

Happiness, satisfaction and success in life depends on making the right choices, the winning choices.
There are forces in life working for you and against you.
One must distinguish the beneficial forces from the malevalent ones and choose correctly between them.

Source of Strength & Inspiration

Hon. Dr. Sudhir Bhaskarrao Tambe
Trustee

Amrutvahini Sheti and Shikshan Vikas Sanstha, Amrutnagar, Sangamner

Member of Legislative Council, Maharashtra State

Dr. Sudhirji Tambe is a generous person with a flair for culture and art. With his dynamic and versatile personality, he has been a mentor to the poor and socially backward people. He has also been acting as a strong guiding force to the institution. His vision is to provide quality education to the students and make them capable of facing the challenges of the modern age.

ज्ञानाचे पिपासू आम्ही
जिज्ञासा आमची जननी आहे
जिंकण्यासाठीच जन्म घेतो
यश आमच्या रक्तात आहे.

The art challenges the technology and the technology inspires the art. - John Lasseter

Our Sanstha when conceived, dedicated itself to the proposition that it shall reach the heights of excellence in the field of Engineering Education relevant to the industry needs. Since then,it worked with a great sense of determination and commitment to make this as a learner centric organization.

We aspire to be recognized as the leading institution of technical education, committed to provide opportunities that exceed local stream of education to the youth ASSVS is unique hub of research, service learning and community projects that infuse an interdisciplinary learning and personally enriching experiences into our students portfolios.

As a chief executive officer of this esteemed Sanstha, I can assure you that the faith you have put on us will be meaningful & you will be proud of being part of this Sanstha.

Shri. Anil B. Shinde
Chief Executive Officer

Amrutvahini Sheti and Shikshan Vikas Sanstha, Amrutnagar, Sangamner

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Dr. M. A. Venkatesh

Principal
B.E.(Mech.), M.Tech. (Prod.),
Ph.D. (Mech.)
MISTE, MIE, FIIPE

'Success comes to those, who work hard and stays with those who don't rest on the laurels of the past.'

Amrutvahini College of Engineering has been an ideal example of success and sustenance. The college has been instrumental in shaping up the careers of thousands of students for the last 39 years.

In this journey, we have surged ahead and in the quest for perfection we are striving hard to accomplish our mission of serving society especially the rural place. We have been committed to quality based teaching-learning process as well as an all-round development of the students. We have provided the-state-of-the-art laboratories, centre of excellence and research environment. Apart from the academics, we are always on our toes to transform our students into well-cultured human beings. They ought to be capable of facing the growing challenges of the globalized world.

Amrutvahini Sheti and Shikshan Vikas Sanstha (ASSNS) Sangamner

In the late seventies, the rural area of Sangamner was suffering from poverty, illiteracy, drought & unemployment. The root cause of all these evils was rightly identified by Hon. Late Bhausaheb Thorat, a leader of co-operative movement, a great visionary and philanthropist. He converted his thoughts into actions by creating educational and training facilities. For this, he founded the ASSVS in 1978 to provide education to the poor and socially backward people and ultimately boosted the socio-economic transformation of the rura people.

A chain of institutions has made an impact on Sangamner township, giving it an urban look. Under the dynamic and pragmatic leadership of Hon. Shri. Balasaheb Thorat the management is working out the plans for future developement to meet the global standards in education.

Institutes under Sanstha

Name of the Institution	Year of Estd.
Amrutvahini College of Engineering	1983
Amrutvahini Polytechnic	1983
Amrutvahini Industrial Training Institute	1984
Amrutvahini Model School and Jr. College	1985
Amrutvahini Institute of Management & Business Administration (MBA)	1996
Amrutvahini College of Pharmacy	2004
Amrutvahini Institute of Diploma in Pharmacy	2006
Amrutvahini International School (CBSE Pattern)	2012
Nido International School (Cambridge)	2015

Board of Trustees

Name of Member	Designation
Shri. Balasaheb Bhausaheb Thorat	President
Shri. K. H. Alias Balasaheb Gunjal Patil	Vice - President
Shri. Bajirao Khanduji Khemnar	Trustee
Shri. Laxmanrao Balaji Kute	Trustee
Dr. Sudhir Bhaskarrao Tambe	Trustee
Shri. Adv. Ramnath Bhaurao Sonawane	Trustee
Shri. Tulshiram Prabhakar Bhor	Trustee
Mrs. Sharayu Ranjeet Deshmukh	Trustee
Shri. Vilas Haribhau Varpe	Trustee

Governing Council Members

Name of the Member	Designation
Shri. Balasaheb Bhausaheb Thorat	Chairman
Dr. Sudhir Bhaskarrao Tambe	Member
Shri. K. H. Alias Balasaheb Gunjal Patil	Member
Shri. Sanjay Shivajirao Dighe	Member
Shri. Anil Baburao Shinde	Member (Chief Executive Officer)
Dr. Ajeet Singh, WRO AICTE	Member (Ex-Officio)
Shri. D. P. Nathe, R.O. Nashik D.T.E.	Member (Ex-Officio)
Dr. S. K. Giramkar, Nominee of S.P. Pune University, Pune	Member
Dr. Jyotiba Bhalchandra Gurav	Member
Dr. M. A. Venkatesh	Secretary

College Development Committee

Name of the Member	Designation
Shri. Balasaheb Bhausaheb Thorat	President
Dr. Sudhir Bhaskarrao Tambe	Social Service
Shri. Anil Baburao Shinde	Chief Executive Officer
Dr. M. A. Venkatesh	Principal
Shri. Sanjay Shivaji Dighe	Industrialist
Dr. Arvind D. Shaligram	Research , SPPU
Prof. (Dr.) Keshav N. Nandurkar	Educationalist, SPPU
Dr. Ravindra Somnath Tajane	Coordinator(IQAC)
Dr. Madhukar Ramchandra Wakchaure	Teacher Representative (HOD)
Prof. Vijay Pundlikrao Waghe	Teacher Representative
Dr. Dipak Shriramji Bajaj	Teacher Representative
Prof. Ms. Swati Babasaheb Bhonde	Woman Teacher Representative
Mr. Prasad Ramdas Avhad	University Representative
Miss. Mansuri Riza	Ladies Representative

Amrutvahini College of Engineering (AVCOE)

Established in 1983, under the leadership of Hon. Late Bhausaheb Thorat, the Institute has been providing a distinctive excellence driven engineering education that grooms the future generations of engineers and entrepreneurs. Currently the college offers undergraduate and post graduate courses with annual intake of 660 and 90 respectively.

The institution has the coveted honour of accreditation in 2003, 2007, and 2015 by NBA, New Delhi, AICTE wing for quality assurance. Continuing the trend of quality education, the institute has been accredited by the **NBA** for the **fourth time** by maintaining their quality education and research in **2022** also. The institute is accredited with "**A+" Grade (3.4 CGPA on 4 point scale) by NAAC, Bengaluru in 2021.** The institute has International Academic recertification of ISO 9001:2015, QMS by TUV SUD, valid from 2020 to 2023. Recently, AVCOE was awarded for the 2nd time as the **Best Affiliated Engineering College** (Professional-Rural) for the academic year **2020–2021** by SPPU, Pune. The college has progressed in leaps and bounds qualitatively and is continuously improving in all aspects of curricular and extracurricular activities, etc.

COURSES OFFERED

Name of The Course	Est. Year	Intake	Name of The Course	Est. Year	Intake
UG courses			**PG courses**		
Civil Engineering	1983	120	ME Mech. (Design)	2007	06
Computer Engineering	1986	120	ME Civil (Structures)	2007	18
Mechanical Engineering	1991	120	ME Computer Engineering	2010	06
Electronics & Telecommunication Engineering	2000	60	Master of Business Administration	2010	60
Information Technology	2001	60			
Electrical Engineering	2012	60			
Automation and Robotics	2021	60			
Electronics and Computer Engineering	2021	60			

Ph.D. RESEARCH CENTRE IN MECHANICAL ENGINEERING FROM 2010-11

Ph.D. RESEARCH CENTRE IN CIVIL ENGINEERING FROM 2020-21

Admission Procedure

Admission procedure for the first year degree courses of engineering is displayed on the AVCOE website : **www.avcoe.org**. The information for the same is available on the website of the Directorate of Technical education, Mumbai, **www.dtemaharashtra.org.in** and **https://cetcell.mahacet.org.**

Fees :

As per the Fees Regulatory Authority (FRA) the total fees of the UG Engineering for the year 2022-2023 is Rs. 1,20,000+. Total fee of MBA for the year 2022-2023 is Rs. 80,000. Total fee of Master in Engineering for the year 2022-2023 is Rs. 95000.

ACADEMIC CALENDER	Year of Engineering	Semester	
	First Year	I	As per AICTE/DTE/SPPU, Pune Guidelines
		II	
	Second/Third/Final Year	III/V/VII resp.	

The UG and PG Programmes conducted by AVCOE are approved by AICTE and are permanently affiliated to Savitribai Phule Pune University, Pune.

Department of
Engineering Science

The department offers Engineering Physics and Engineering Chemistry for first year engineering whereas Engineering Mathematics is for first and second year engineering and for P.G. Engineering as per the AICTE and Savitribai Phule Pune syllabi. The department of engineering science has well equipped Engineering Physics and Engineering Chemistry labs. A dedicated language laboratory (Soft skill software and Language Lab Software) is also available for all students for the enhancing soft skills.

VISION
To provide the fundamental knowledge of basic sciences to the students of all engineering disciplines

MISSION
The department of Engineering Science provides adequate knowledge for problem solving skills and its applicability to the students of all engineering disciplines. It also aims to inculcate human values.

Staff Strength
Associate Professor = 01
Assistant Professor = 14

Laboratories
UG
1. Engg. Physics Lab.   2. Engg. Chemistry Lab.
3. Language Lab.

Result of APR/May-2021-22(FE):

Sr. No.	Name of the student	Percentage/ SGPA/CGPA
1	Shete Vaishnavi Chandrakant	9.75
2	Dighe Gauri Vishwanath	9.75
3	Shelke Vivek Pradip	9.75
Distinction: 246 First Class: 88 Higher Second Class: 8		

■ **Engineering Science Faculty members with Principal Dr. M. A. Venkatesh**

■ **Engg. Chemistry Lab**

■ **Engg. physics lab**

ACTIVITIES

■ **FE Induction Program Traking at Jawale Baleshwar in the AY 2021-22**

■ **FE Induction Program -Team work at Amrut Kalamunch**

■ **Seminar on "Key of Success" by Krishnadhan Prabhu for FE Students**

■ **Seminar on "Meditation and Rajyoga" by Bramhakumari B.K Sulbha Didi for FE students**

Department of
Mechanical Engineering

Department of Mechanical Engineering was established in the year 1991 –1992; has traversed the path of knowledge dissemination and generation as well as delivering over 3000 Mechanical Engineering graduates over these 29 glorious years. Department offers B. E. (120 intake), M. E. (Design-12 intake) and Ph.D. (Mechanical) Programs. As on today, 57 M.E. and 12 doctoral (Ph.D.) students obtained their degree. Department was first accredited by National Board of Accreditation (NBA), New Delhi in the year 2002 for three years, second in the year 2007 for three years and for two years in 2013.

The department has well qualified and experienced staff and have excellent record of results and placements. Department is enriched with the laboratories that are well equipped with state-of-the-art equipment including software and hardware. Project Lab and Dr APJ Abdul Kalam Smart Learning Centre has been developed recently to enhance the learning experience.

Department focuses on building the industry linkage to provide the exposure to latest technologies like GD&T, PLM, PBL, CAE, Lean and Six Sigma, hybrid and E-vehicles. The enhancement in core technical competencies through industrial visits, workshops and soft skill development, the students are being recruited in reputed Design, manufacturing and ITes firms. Department also runs student chapters like **SAE, ISHRAE, QCFI, SCM.** The department has excellent placement record with **690+** placement in last few years along with exemplary performance in GATE and competitive exams. On research front, 11 Patents has been published and 01 is granted.

Department also motivate and support the students to participate in various national level competitions like SAE TIFAN, SUPRA, BAJA, Effi-Cycle, Formula Bharat etc.

Vision
To transform rural students into competent Mechanical Engineers and technocrats with professional and social values through continual excellence in engineering education.

Mission
M1 : To impart quality education and training that develop engineers to meet challenges of ever advancing needs of industry, higher learning and entrepreneurship for the bene-fit of mankind and nature.

M2 : To be recognized as department of academic excellence through resourced development, conducive teachinglearning environment, skill development, innovation and industry-institute interaction

M3 : To nurture professional and ethical values and lifelong learning for successful career.

Program Educational Objectives (PE0s)
PEO1: Plan, design, manufacture, maintain and improve systems that are technically sound, economically feasible and socially acceptable in the field of mechanical and allied industries.
PEO2: Solve problems of engineering and social relevance by

Mechanical Engineering Faculty members with Principal Dr. M. A. Venkatesh.

applying knowledge of mechanical engineering and advanced tools for sustainable development.
PEO3 : Work effectively as individual and as team member in multi disciplinary projects, and demonstrate managerial and entrepreneurial skills.
PEO4 : Engage in lifelong learning, career enhancement and adopt to changing professional and societal needs.

Program Specific Outcomes (PSOs):
PSO1: Apply the knowledge, design procedures, mathematical and advance tools for the design and evaluation of mechanical components and systems.
PSO2: Demonstrate the ability to evaluate the performance of thermal and fluid systems for effective energy conversions.
PS03: Select and apply appropriate manufacturing technologies and tools; and to develop competencies for working in manufacturing and allied industries

Laboratories:

UG Lab	
1. Heat Engine	7. Theory of Machine Lab. II
2. Steam Power	8. Industrial Fluid Power
3. Refrigeration and Air Conditioning	9. Mechatronics
4. Dynamics of Machinery	10. Basic Mechanical Engg.
5. CAD/CAM Lab.	11. Heat Transfer
6. Theory of Machine Lab. I	12. Dr APJ Abdul Kalam Smart Learning Centre
	13. Project Lab

Laboratory Details :
PG Lab
1. Tribology Lab
2. CAD Lab
3. PhD Research Centre

Faculty Strength:
Professor: 02
Asso. Prof.: 05
Asst Prof.: 34.

Unique Initiatives
1. Industrial PBL
2. PLM Centre
3. Robotics Process Automation (RPA)
4. VLCI (Anand Group)
5. Bosch- Academic Partner
6. Foerign Language (German and Japanese)
7. Dedicated Project Lab for SAE activities.

DOM Lab

IC Engine Lab

ACTIVITIES

Aero Design Challenge 2019 under SAE India Collegiate Club Activity

Team Mavericks has been FIRST WINNER in the year 2018, 2019 and 2022, 3 times out of 4 events.

Inauguration of First International Workshop on Thermal Engineering Theory and Application.

Industrial Visit of SE Mech to Sahyadri Farm

List of Toppers (May 2022, BE):

Sr. No.	Name of the student	Percentage/ SGPA/CGPA
1	Kanawade Swaraj Vinay	9.84
2	Shelke Vishal Parasram	9.66
	Shete Vaishnavi Sukdeo	9.66
3	Bagad Yashwant Anil	9.55

Distinction: 150
First Class: 01
Higher Second Class: 00
Pass Class: 00

One day training program on A3 Problem Solving & Kaizen at NRB Industrial Bearing Ltd., Aurangabad.

Department of
Civil Engineering

The Department of Civil Engineering is 4 times accredited by **National Board of Accreditation,** New Delhiand also **NAAC Accreditation** with **A+** grade for five years. Department has well qualified, senior, ambitious and dynamic staff. A team of qualified faculty with ample experience is the highlight of the department. Both UG and PG programmes emphasize on industry standard and research based project, which would enhance student's skills to become successful professionals for a holistic development.

The faculty members are having their publications in various refereed/ impact factor **SCI / Scopus** journals of Taylor &Francis, Modern Applied **Sciences, ASCE, Springer, IEI, Elsevier,** etc. The faculty members are contributing as reviewers / referees in the journals of **Elsevier, John Willey** and **Sons, Springer,** etc. Faculty members of department are also associated in various kinds of R & D projects at university and AICTE level and received various grants of Rs.40 Lacs so far.

Every year department is organizing technical events like **TechnoAmrut**, which gives platform to the students to develop technocrat skills. Department has focused on making the students competent enough to get placed in well reputed companies like **AFCON** Infrastructures, **IVRCL** Hyderabad, Godrej Infrastructures, Dorche India, Magarpatta city Pune, Prothious Nashik, TCS, Cognizant, Infosys, Make My House etc.

The department has strong alumninetworks, many alumni are placed in Industry, Government Sector, Public Sector (PSU) and Private Sector at National and International level. The department has significant record of maximum MPSC qualified students as well as UPSC. Up till now the department has produced150 plus officers in Government sectors, scientists in BARC and ISRO, and many rank holders in university examinations.

The department is also contributing for socio-economic development of rural area by producing economic structure such as ferrocement detachable toilet, water tank, check dam, farmer fishery pond, dome, bamboo reinforced houses, earth ram, paddle operated fertilizer spreading pump, energy efficient Bakelite shelter for quick rehabilitation. The department is also providing social services such as A) Soil heath card to farmers, which gives the idea about N, P, K, pH and salt concentration for adequate cropping pattern and B) field survey and design of drainage system for the rural area. The department has a remarkable contribution in the field of research and development, testing and consultancy. The faculty members of department has 9 IPR contribution also such as patents, design registration, trade mark, copyrights etc. Final year (2020-21) batch, project group has awarded copy right from copy right office Government of India for the creation of water distribution zone map for Sangamner city under the guidance of Dr. J. B. Gurav.

Vision: Knowledge center for rural students with continual excellence in technical education

Mission:
M1: To create self-disciplined, physically fit and competent Civil Engineers with a high level of professional, moral and ethical values.

Civil Engineering Faculty members with Principal Dr. M. A. Venkatesh.

M2: To serve mankind and nature with high integrity and a sense of purpose to meet the challenges of ever-advancing technology through research and development.
M3: To mentor students in pursuit of higher education, employability and entrepreneurship.

Program Educational Objectives (PEOs)
PEO1: The graduate will have professional competence with moral and ethical values to enhance their skills related to entrepreneurship, employability and higher education.
PEO2: The graduate will have a sense of commitment to integrated and sustainable socio-economic development of the nation.
PEO3: The graduate will have the ability and motivation to carry out research and development activities using modern engineering tools and techniques.
PEO4: The graduate will have the capability for critical thinking, engineering reasoning, problem-solving, experimentation and teamwork.

Program Specific outcomes (PSOs) :
After successful completion of Civil Engineering program, the students will be enable to
PSO1: Develop knowledge of building planning constructions, concrete technology, surveying, fluid and hydraulics, structural analysis and design, geotechnical and foundation, construction management, transportation and infrastructure, quantity surveying, and environmental engineering to design, develop and manage the civil engineering structures considering safety, health, ethics and environment aspects.
PSO 2 : Apply professional skills and fundamentals of mathematics, basic sciences, numerical methods, computer programming and applied mechanics in civil engineering field for the betterment of society through sustainable development.
PSO3 : Excel careers in government, public and private sectors in addition to entrepreneurship and consultancy in the field of civil engineering.

Faculty Strength
Professor	=	**02**
Associate Professor	=	**02**
Assistant Professor	=	**28**

Laboratories
UG Lab
1. Engineering Mechanics Lab
2. Suvey Lab
3. Testing of Materials Lab
4. Geotechnical Engineering Lab
5. Engineering Geology Lab
6. Transportation Engineering Lab
7. UG CAD Lab
8. Fluid Mechanics Lab
9. Environmental Engg. Lab
10. Ferrocement Lab.
11. Project & Innovation Lab

PG Lab
1. CAD Lab
2. Research Lab.

Software Available
Application Software
1. Staad Pro 2000
2. Auto Civil
3. Microsoft Window 98
4. Office XP Professional 2000 paper licence s/w copy

5. Super Civil CD s/w
6. Preloaded window 2000 license s/w copy
7. Build master
8. Road master
9. Build Quant
10. Rate Analysis
11. Engineering mechanics Teachers version
12. QE Pro
13. Prima Veera Portfilio Management version 6
14. Geographic Information System
15. ETABS NL V-9.7
16. Global Mapper V.12.0
17. Super Lingo (AE) software

Major Instruments
1. Digital UTM
2. Digital CTM
3. Hydraulic Tilting Flume
4. Digital Wind Tunnel
5. One Second Theodolite
6. Global Positioning System
7. Total Station
8. Horizontal and Vertical Shake Table
9. Plate Load Test
10. Marshal Stability Apparatus
11. Ultrasonic Pulse Velocity Meter
12. Pavement Core Drilling Machine
13. Digital Rebound Hammer
14. Benkelman Beam

■ Fluid Mechanics Lab

■ Testing of Materials Lab 1

ACTIVITIES

■ Industrial Visit at CWPRS Pune, 15-05-2022

■ A National Level Collaborative Indian Mapping Contest FOS-SEE Winner 22 Feb to 29 March 2022

Result of May-2021-22 (BE) :

Sr. No	Name of Toppers	CGPA
1	Ms. Dighe Komal Prakash	9.73
2	Mr. Andhale Punam Navnath	9.70
3	Mr. Mahale Prafullkumar Vasudeo	9.68

No. Of distinction Holder: 140
No. of First Class: 01
No. of Higher Second Class: Nil

■ Workshop on Bar Bending Schedule by Er. Hemant Patil 25-03-2022

Department of
Computer Engineering

The **Department of Computer Engineering** was introduced in the year **1986** with an intake of **60** at **UG** program. It caters for undergraduate and post graduate programs with the current intake of **120** in **UG** and **06** in **PG** for the upcoming Academic Year. The department is accredited by **National Board of Accreditation**, New Delhi for **three times and NAAC** accreditation with **A+** grade for **five years**. The department has professionally qualified and experienced faculty dedicated to the betterment of the students. The goal of the department is to develop brilliant and dynamic engineers and technocrats to meet the challenges posed by the IT industry. We have an excellent record of accomplishment of results and placement. Efforts are also made to incline students towards entrepreneurship and startups. The Department is enriched with state-of-the-art laboratories. It ensures that program objectives are continually met and learning outcomes are monitored through direct and indirect assessment.

Association of Computer Engineering Students (ACES), which looks in the various co-curricular and extracurricular activities in the department. The department has established **student chapters** under **Computer Society of India** (CSI) and I**ndian Society for technical education** (ISTE). The Department organizes various expert lectures, educational visits, Programming contests, etc. as a part of student development activities. Students are encouraged to enroll for various value-added courses including National and International certification like **Java, Dot net, Red Hat Linux, Big Data,** and **AWS cloud.** Our students also participated actively in State and National level project competition like **Smart India hackathon, Chatra Vishwakarma Award, Adhar hackathon etc.**

Vision
To serve the needs of society through excellent technical education, promoting Industry-Institute Interaction and develop competent and cultured computer engineers.

Mission
M1 : The Mission of Computer Engineering department is to develop and channelize creative talents of students to face effectively, challenges posed by ever- changing computing Industry with enhancement in Industry Institute Interaction.

M2 : We, the faculty & the staff of computer engineering department commit themselves to inculcate good moral values, ethics and shape a strong academic background of the pupil so important to work towards the betterment of the society as responsible citizens.

Program Educational Objectives (PE0s)
Department of Computer Engineering is committed to provide the best environment for under graduate studies housing good laboratories and teaching faculty required for curriculum to ensure academic excellence and thereof the scholar in his career will be able to achieve all possible graduate attributes.

PEO1 : To prepare globally competent graduates having strong fundamentals, domain knowledge, updated with modern technology to provide the effective solutions for engineering problems.

■ Computer Engineering Faculty members with Principal Dr. M. A. Venkatesh

PEO2: To prepare The graduates to work as a committed professional with strong professional ethics and values, sense of responsibilities, understanding of legal, safety, health, societal, cultural and environmental issues.

PEO3: To prepare committed and motivated graduates with research attitude, lifelong learning, investigative approach, and multidisciplinary thinking.

PEO4: To prepare the graduates with strong managerial and communication skills to work effectively as individual as well as in teams.

PEO5: To Provide opportunities of Industry-institute interactions and to promote Entrepreneurship and Start-ups.

Program Specific Outcomes (PS0s):
A graduate of the Computer Engineering Program will demonstrate.

PSO1 : Professional Skills- The ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, big data analytics, and networking for efficient design of computer-based systems of varying complexities.

PS02 : Problem-Solving Skills - The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.

PSO3 : Successful Career and Entrepreneurship - The ability to employ modern computer languages, environments and platforms in creating innovative career paths to be an entrepreneur and to have a zest for higher studies.

Faculty Strength
Associate Professor = 01
Assistant Professor = 26

Special Initiatives
1. NVIDIA GPU learning Centre (CUDA)
2. IBM Academic Initiative
3. ACES Incubation Cell
4. Microsoft Student Partner Program
5. NPTEL Study Center
6. Big-data Analytics Lab
7. ESDS Cloud Computing Excellence Centre
8. ISTE Student Chapter, CSI Student Chapter

9. PMKVY Training Center
10. Natural Language Processing Club

Centre of Excellence
1. AWS Academy
2. Red Hat Academy
3. Robotics & Process Automation

Laboratories
UG Lab
1. Computer Graphics Lab
2. Internet Project Lab
3. Design Lab
4. Software Lab-1 to IV
5. Hardware Lab
6. Microprocessor Lab
7. Fundamentals of Programming Lab
8. Big Data Analytics Lab

PG Lab
1. Advanced Computing Lab
2. Nvidia GPU Education Center

■ **Design Lab**

■ **Software Lab - II**

■ **Software Lab - III**

■ **Internet Lab**

Result of May 2022 :

Sr. No	Name of Toppers	CGPA
1	Shinde Pranit Sanjay, Sonawane Manasi Maruti	9.84
2	Bhor Aditi Ranjeet	9.82
3	Raut Rutuja Gorakshanath	9.77

No. Of distinction Holder: 148
No. of First Class: 03

ACTIVITIES

■ **Mr. Rohan Kulkarni & Mr. Tejas Bidwei Participated in ASEAN-India Hackathon from 1st to 4th February 2021.**

■ **Internal Hackathon for Smart India Hackathon 2022 organized by Computer Engineering on 9th March 2022.**

Department of
Automation & Robotics

Department of Automation and Robotics Engineering is recently established by the Institute from A.Y. 2021-22 with a UG program of intake capacity of 60. This program is approved by AICTE, New Delhi and Affiliated to the Savitribai Phule Pune University. Automation is an indispensable part of the manufacturing industry, the majority of companies today are looking for lean manufacturing solutions and Robotics provide many benefits that companies require to stay competitive. Robotics is a key technology player in Industrial Revolution 4.0 and its impact assessment demands a futuristic outlook to live through its complete evolution. Adoption of robots have started making repetitive and assembly line kind of jobs redundant in sectors like automobiles, pharma, IT and ITES, financials, electronics, the labour force is changing and it will continue in India for the next several years.

A futuristic and forward looking vision is specifically important for India as robotics is still novel and its impact and consequences are yet to unfold.

Automation and Robotics Engineering is an emerging multi-disciplinary course that requires profound application based knowledge in hardware as well as software development, which comprise design, construction, operation, and application of robots. The design of a robotic system puts together basics of mechanical engineering, manufacturing engineering, electrical/electronics Engineering, and Computer engineering. A specialized undergraduate degree in Automation and Robotics Engineering will enable students to serve the Industry requirement for implementation of new and smart autonomous technologies covering methods of synthesis, analysis and optimization of newer robots and mechanisms.

Vision
Create able Automation & Robotics Engineers through continual excellence.

Mission
M1: To transform students into confident and professionally sound Robotic Engineers.
M2: To keep pace with recent development in academics / industry by strengthening the skill sets.
M3: To apply Automation and robotic engineering knowledge for the benefit of society.

Program Educational Objectives (PEOs)
PEO1.: To blend students with a solid foundation in mathematical, scientific and engineering fundamentals that will enable them to have a successful career in core manufacturing and allied Industries.
PEO2: To have in-depth and recent knowledge of manufacturing systems and managerial skills to deal with multidisciplinary domain.
PEO3: To possess an innovative mind with better interpersonal skills with ethical values and team spirit leading to responsible & competent professionals.

Program Specific Outcomes (PSOs):
P5O1: To be able to think critically, creatively and analytically in

■ **Automation & Robotics Engineering Faculty members with Principal Dr. M.A. Venkatesh.**

developing technological solutions to problems in manufacturing system using standard tools and techniques.
PS02: To be able to handle collaboration between engineering and management related functions.
PSO3: To be able to understand professional, ethical and social responsibilities and engage in lifelong learning.

Faculty Strength
Professor = 01
Associate Professor = 01
Assistant Professor = 10

Special Equipment
1. Advanced Inverted Metallurgical Microscope
2. VMC (Vertical Machining Center)
3. Vicker's Microhardness Tester
4. Co-ordinate Measuring Machine (CMM)
5. 6 Axis Industrial Robot Arm ABB IRB 1410
6. Computer Numerical Controller Machine (CNC)
7. Portable Surface Roughness Tester 5.1210 Mitutoyo Make

Laboratories
UG Lab
1. Metrology and Quality Control Lab.
2. Metallurgy Lab.
3. Industrial Automation Lab.
4. CAD Lab.
5. Industrial Electronics Lab.
6. Robotics Lab.
7. PBL Lab.
8. Embedded Systems Lab
9. F. M. S. Lab

Application Software
1. Unigraphics NX 7.5
2. Master CAM Version X5-2023
3. Robostudio 5. Pro
4. Witness Simulation Software
5. Pro Engineer (Wildfire) 4.0
6. DelCam
7. Cadem

Department Initiatives
1. e-Yantra Lab Setup in association with IITB.
2. AeSI Students Chapter in association with HAL.
3. PMKVY Centre Under Incubation Cell.

Robotics Lab.

Industrial Automation Lab.

F. M. S. Lab (CNC Machine)

Metallurgy Lab

F. M. S. Lab (CMM)

F. M. S. Lab (VMC Machine)

Inauguration of eYantra Lab Setup Initiative

eYantra workshop in Robotics Lab

Department of
Electronics and Computer Engineering

The Electronics and Computer Engineering Department (formerly Electronics Engineering Department) was started in 1986-87 with an intake of 60. The department is two times accredited by **National Board of Accreditation, New Delhi.**

The department has highly qualified staff and state-of the-art laboratories with latest equipments, **Electronic Design Automation (EDA)** tools and Application software. The department has major equipment like **Logic Analyzer, Spectrum Analyzer, Digital Storage Oscilloscopes, Modern AC and DC Drives, Programmable Logic Controller.** The application software includes **MATLAB and Simulink, LABView, Mentor Graphics EDA tools, PowerSim and Album Designer.**

Memorandum of Understanding(MoU's):
1. Texas Instruments,Bangalore
2. Cisco
3. Fox Solutions,Nashik
4. Microchip Academic Program RTC,India
5. D'Cygnus Automates Pvt. Ltd., Nashik
6. OS3 Infotech Pvt. Ltd., Mumbai

Vision
To contribute for improving wellbeing of the students from rural background by imparting interdisciplinary education in the field of Electronics and Computer Engineering.

Mission
M1 : To impart basic understanding of Electronic principles and software engineering principles based on a strong foundation of basic sciences and mathematics.
M2 : To train our students to become proficient at putting theory into practice, capable of lifelong learning and be aware of the social and environmental issues.
M3 : To endow students with the knowledge, technical skills and values that prepare them to excel as engineers and leaders in their profession.

Program Educational Objectives (PE0s)
The Electronics & Computer Engineering graduates will be able to
PEO1: Demonstrate technical competence in diverse fields of careers as engineers, consultants, technocrats and entrepreneurs.
PEO2 : Contribute their Electronics & Computer Engineering expertise to design, development or maintenance of electronic systems, software systems, devices, instruments, or products.
PEO3 : Demonstrate leadership, understand professional and ethical responsibilities and contribute for the betterment of the society.
PEO4 : Communicate effectively, function well as a team member and manage projects in a multi-disciplinary environment.
PEO5 : Pursue lifelong learning and adapt to the ever advancing technological changes.

Program Specific Outcomes (PSOs):
The graduate is expected to acquire-
PSO1 : An ability to identify, formulate and solve real world problems based on sound knowledge of hardware and software

■ **Electronics & Computer Engineering Faculty members with Principal Dr. M.A. Venkatesh.**

aspect of engineering systems.
PSO2 : An ability to design electronics circuits, apply programming skills to develop software for embedded systems, IoT applications, desktop and web applications, conduct experiments, analyse and interpret data.
PSO3 : Skill to use modern tools, instruments, equipment, integrated development environments, compilers and software applications.

Faculty Strength
Associate Professor = 02
Assistant Professor = 09

Laboratories
UG Lab
1. Electronic Ckt & Power Lab
2. Database & Information System Lab
3. Programming Lab
4. IOT & Embedded System Lab
5. Software Design Lab
6. PBL & PCB Lab
7. AI & ML Lab
8. Digital Electronics Lab.
9. Electronic Communication Lab.

Software Available
Application Software
1. MATLAB
2. LABView
3. Xilinx
4. Altium Designer
5. PowerSim
6. MicroWind

Major Instruments
1. Four Quadrant Chopper DC Drive for 1 H.P. DC Motor
2. 3 & Brushless Generator for Wind Energy Application.
3. Tekhind C.R.O.- 350MHz.
4. Tektronics D.S.0-TDX2012-100M HZ
5. Allen Bradley Micrologix 1200 PLC.
6. Agilent Spectrum Analyzer.-9KHZ to 3G HZ
7. Flow and Level Control Trainer.

■ Instrumentation Lab

■ Electronics Communication Lab

ACTIVITIES

■ Dr. Vandana Rohokale, Professor, Singhad Institute Technology and Science, Pune has delivered Guest Lecture on "Artificial Intelligence of Things (AIoT)" for SE,TE and BE students on 08th July 2021

■ Two Days Workshop on Variable Frequency Drive on 11' & 12th Feb 2021

■ Mr. Darshan Wakchaure, Founder and CEO of Piby Three Technologies, Pune has delivered Guest lecture on "Cloud Computing "for SE and TE Students on 16th April 2022.

■ Mr. Akshay Kolhe, Founder of Mindpower Tech Solutions, Sangamner has taken five days' workshop on "Cloud computing" from 04/04/2022 to 12/04/2022

Result of May-2021-22 (BE) :

Sr. No	Name of Toppers	CGPA
1	Deshmukh Jyotsna Anil Navale Neha Ramesh	10.00
2	Kolhe Nikita Vijay LandgeMeghanaMahadev NehePoojaRamnath PansareKaveriBhusaheb RautShraddhaRajendra	9.95
3	BhangareMonaliMadhukar DehmukhVishakhaChandrakant KanawadeAbhishek Ashok	9.91

No. Of distinction Holder: 75

■ Alumini Interaction with TE Students by Mr. Ravi Sharma on 3th Feb 2021

Department of
Electronics & Telecommunication Engineering

The Department of Electronics and Telecommunication Engineering is started in the year 2000 and is **accredited by NBA.** Currently, the department is offering an undergraduate program in E&TC. Since last two decades Electronics and Telecommunication engineering played a very important role in improving the quality of human life and contributed to economic growth at National and International level. Telecommunication is a field that involves complex electronic circuits and equipments that help in executing efficient telecommunication systems. These engineers design, fabricate and manufacture electronic equipments used in computer industries, automation field and defense. Besides giving a thorough grounding in basic sciences and engineering subjects, this field lays greater emphasis on deep understanding of fundamental principles and state of the art knowledge about electronics devices and circuits, computer architecture and microprocessors, VLSI and embedded systems, antennas, analog and digital communication, microwave, broadband communications, Artificial Intelligence (AI), Internet of Thinks (IoT), Data Sciences and Programming Languages. During the program, students gain the knowledge of both the hardware and the software design/development making them competent in both software development and hardware designing career opportunities.

The Department of Electronics and Telecommunication Engineering focuses on continual outcome-based education through a team of experienced and young faculty members with related specialized domain that has helped in providing quality results which are marked above university results. Department has received many awards on global level such as **"Krushi Mauli Puraskar"** received from International Krushi Mohatsav 2019 and 2018**, "Outstanding IEEE MTT-S student's branch chapter",** in 2016, **"Digital India week award"** in 2015.

Electronic gadgets and communication systems of present age have tremendously improved the quality of human being life.

Government of India taken initiative for electronics development in India and started **"Digital India"** which is an umbrella programme comprising various projects to transform the country into knowledge economy. This project will create over five corers jobs in near future.

Vision
To excel in modern trends of Electronics and Telecommunication Engineering through continuous teaching and learning process for nurturing promising engineers.

Mission
M1 : To excel as state of art technological hub in the field of Electronics and Telecommunication Engineering.
M2: To enrich the students by adopting professional skill sets according to modern technological development.
M3: To develop society oriented value based learning..

Program Educational Objectives (PE0s)
In Consultation with its Constituents, the Electronics & Telecommunication Department has set its Program Educational Objectives as follows:
PEO1: To develop technically competent graduates with strong background in basic sciences and mathematics with complex problem solving ability in their selected field.

■ **E&TC Engineering Faculty members with Principal Dr. M. A. Venkatesh**

PEO2: To prepare graduates having professional skills viz. ability to communicate, to work individually as well as in multidisciplinary team, to manage the projects with lifelong learning.
PEO3: To develop graduates with high degree of integrity and commitment to society ensuring ethical, moral behavior and environmental consciousness.
Program Specific Outcomes (PSOs):
PSO1. Apply principles, concepts and knowledge of science and mathematics for solving Electronics and Telecommunication Engineering problems.
PSO2. To identify, design, develop and analyze solutions for given specifications by applying fundamentals of Electronics and Telecommunication engineering.
PS03. To develop graduates with ability to use modern hardware and software tools in electronics and telecommunication domain.

Faculty Strength
Professor = 01
Associate Professor = 01
Assistant Professor = 11

Laboratories
UG Lab
1. Optical Fiber Communication (OFC) Lab
2. Microwave Lab
3. Very Large Scale Integration (VLSI) Lab
4. Digital Signal Processing (DSP) Lab
5. Printed Circuit Board(PCB) Lab
6. Project Lab
7. Analog Communication Lab
8. Digital & Microprocessor Lab
9. Audio Video Lab
10. Digital Communication Lab
11. Computer Lab-I
12. Computer Lab-II

PG Lab
1. PG Research Lab   2. PG Computer Lab

System Software
Windows 7- 36 QTY

Software Available

Application Software

1. A)Multisim 2001-station Lab N/W (spice simulation software education)
2. Active HDL/VHDL software
3. VLSI Design software
   a)XILINK make software 1
   b) DSP application software system generator.
4. Xilinx 13.4
5. EDA Tool & Software Single License produce code B2 spice
6. Multisim 2012
7. Tina V-8 PCB design software
8. CAD Feko software(7.1 version)
9. Microwind 3.5

Special Equipment

1. Agilents Two Port Vector Network Analyzer (30 KHz to 14 GHz)
2. Antritsu's Vector Network Analyzer (25 MHz to 4 GHz)
3. Antenna Training System with 22 Modules (1GHz to 2.4 GHz)
4. Antenna Trainer Kit (2 GHz)
5. GwInstek's Spectrum Analyzer (9 KHz to 3 GHz)
6. Spectrum Analyzer (0.15 MHz to 1.50 GHz)
7. HDTV Trainer Kit
8. Wobulator (s-846T/W – Signet Make)
9. Tektronic's Digital Storage Oscilloscope (100MHz, 2.0 GS/s)
10. UV Light Exposure
11. Antenna Training Lab (40 MHz to 4.3 GHz)
12. DWDM & BRAGG Grating Mode
13. EMI Probe Kit
14. Mode Observation Trainer
15. Etching Machine
16. Tinning Machine
17. PCB Prototype Machine
18. Microwave Power Meter (10 MHz to 26.5 GHz)
19. LAN Trainer Kit
20. DIP Coating Machine
21. 4G VOLTE Mobile Trainer kit
22. PLC Set up.
23. Smart TV

▪ **Optical fibre Communication Lab.**

▪ **Ms.Seerja Nair,Staff Product Manager, Qualcomm San Jose California United State,on "Demystifying Wi-Fi Mesh Networks" on 21st October 2021**

Result ofElectronics and Telecommunication Engineering, May 2022(BE)

Sr. No	Name of Toppers	CGPA
1	Ghadage Priti, Revadkar Pranjali	9.66
2	Deshmukh Prachi	9.5
3	Gaikwad Vaishanvi	9.48

No. Of distinction Holder: 63
No. of Higher Second Class: NIL

ACTIVITIES

▪ **Dr. Aditya Abhyankar, Director School of Technology, Professor and head department of Technology SPPU,Pune on "Research,How,Why and When" on 15th September 2021.**

▪ **Department of E&TC Engineering has conducted a "Solar Lamp" session for FE Students on 01/06/2022 and 02/06/2022**

▪ **Webinar on "RF Receiver Chain Parameters" by Mr. Naman Barmecha, Senior Wireless System Engineer, USA Organised on 5th June 2021**

Department of
Information Technology

Department of Information Technology has been started in 2001 and presently running with intake of 60. Department is accredited by **National Board of Accreditation (NBA),** New Delhi in 2013 & 2022. Department has 11 advanced well equipped laboratories, Seminar Hall, Tutorial halls and experienced dynamic faculties including 5 doctoral faculties. Apart from regular curriculum, excellent results and good placements, department also focuses on strong interactions with industries, Foreign universities, IITs and government departments. Dr. Samant Khajuria, Aalborg University, Denmark, Hon. Tomio Isogai, Japan with his team, Scientists Dr. Mohammad Reza BeikZadeh Malaysia, Dr. Chayapol Kamyod, Mae Fah Luang University Thailand, Mr Dr. Shashi Kelkar, Former adjunct faculty of IIT, Powai, Hon. Raj Desai, CITARA Team of IIT Powai, Hon. Pravin Kolhe, Superintending Engineer, Pune Irrigation department, government of Maharashtra, Hon. Sunil Patil, Inspector Cyber Crime Cell Ahmednagar district, Dr. Manesh Kokare, SGGGS Nanded, Dr. Parikshit Mahalle, Pune recently visited department and guided our students.

Department has advanced facilities such as **REDHAT** Certification Centre, **CCNA** (Cisco Certified Network Associate) Cell, Competitive Exam Cell, Centre of Excellence for Android Project Development, I.T. Online Certification Cell, Department National Programme on Technology Enhanced Learning (NPTEL) Study centre, Open source Lab and many more. As per industry need various value added courses such as android training, Advanced Java training, Big Data, Web development trainings, and Cyber security certification, RED Hat certification and CCNA certifications are conducted in department by industry experts. Under umbrella of the institution department offers Japanese and German language courses. Department regularly organizes industrial visits to reputed industries such as **Tata Consultancy Services(TCS) Pune, Reliance Infra Dahanu Mumbai, TCS Innovation Center Nashik, C-DAC Pune, BancBridge Aurangabad, Winjit Technologies Nashik, FinIQKothrud Pune, ESDS Nashik, BSNL Ahmednagar and Science Park, Pune.**

Department invites senior-alumni from reputed companies for regular interaction with students. Our alumini Mr. Deepak Pawar, Japan, Mr. Bapu Hirave, USA and Mr. Rahul Zalte, Assistant Commissioner of GST Mumbai recently interacted with I.T. students. Our students are placed in reputed companies including Microsoft, TCS, Cognizant, IBM and many more. Apart from this department organizes carious activities under Society of Information Engineering Students (SITES), Professional society chapter of Institution of Engineers (India) and Phoenix club of the department. Department strongly believes that **"Excellence is an continuous process and not by accident...!!!".**

Vision
To transfer the rural learners into competent IT engineers and technocrats in emerging areas of IT Engineering education through continual excellence for the benefit of society.

Mission
M1 : To empower the youths in rural communities to be self-disciplined, physically fit, mentally robust and morally strong I.T. professionals.

■ **IT Engineering Faculty members with Principal Dr. M. A. Venkatesh.**

M2: To provide cutting-edge technical knowledge through continuous process in rapidly changing environment as per need of industry and surrounding world.
M3: To provide opportunities for intellectual and personal growth of individuals in rural platform using high quality Information Technology education.

Program Educational Objectives (PEOs)
PEO1: To develop competent IT graduate with knowledge of fundamental concepts in mathematics, science, engineering and ability to provide solution to complex engineering problem by analyzing, designing and developing using modern IT software and tools.
PEO2: To prepare IT graduate with professional skills of better communication, teamwork to manage projects in IT field at global level and ability to conduct investigations of complex problems using research based knowledge and research methods.
PEO3: To develop IT graduates with ethical practices, societal contributions through communities understanding impact of professional engineering solutions in societal and environmental context and ability of lifelong learning

Program Specific Outcomes (PSOs)
The department of Information Technology Engineering has formulated following PSO's:
PSO1: Apply principles of science, mathematics along with programming paradigms and problem solving skills using appropriate tools, techniques to expedite solution in I.T. domain.
PSO2: Demonstrate core competencies related to I.T. domain of Data structures and algorithms, Software Engineering and Modeling, Hardware, Distributed Computing, Networking & security, Databases, Discrete mathematics and algebra, Machine Learning, Operating System.
PS03: Demonstrate leadership qualities and professional skills in modern I.T. platform for creating innovative carrier paths in placements, entrepreneurship and higher studies.

Faculty
Professor = 01
Associate Professor = 01
Assistant Professor = 10

Laboratories
UG Lab
1. Software Lab I
2. Software Lab II
3. Software Lab III
4. Software Lab IV
5. Software Lab V
6. Programming Lab I
7. Programming Lab II
8. Programming Lab III
9. Programming Lab IV
10. Hardware Lab
11. Programming Lab V

Special Equipment
1. NPTEL Server
2. N- Computing Setup

Application Software
1. Oracle 9i
2. Eclipse
3. Android Studio
4. Visual Studio 2010

5. My SQL
6. Mongo DB
7. Hadoop
8. NS2 and many more

Department Initiatives
1. REDHAT Certification Courses
2. Institution of Engineers India (1E1) Professional Chapter
3. Society of Information Engineering Students (SITES)
4. Phoenix Club
5. International Seminars in every semester
6. CCNA (Cisco Certified Network Associate) Courses
7. Competitive Exam Cell
8. Centre of Excellence
9. IT online certification cell
10. NPTEL Study centre for Department
11. Open source Lab

■ View of PL-V Laboratory of I.T. department.

■ Principal Dr. M.A. Venkatesh addressing BE-IT about NBA Process and students roles

■ BE IT 2021-22 Batch.

Result of May 2022 (BE):

Sr. No	Name of toppers	CGPA
01	ITHAPE PRADNYA	9.38
02	BHAKRE MAHESH	9.35
03	BALDWA SAKSHI	9.33

No. of Distinction holder : 69

ACTIVITIES

■ Mr. Yash Deshpande awarded with "Best Outgoing student" of IT department in 2021-22.

■ Workshop on "Big data and Hadoop" for TE-IT 9-3-2022.

Department of
Electrical Engineering

The Department of Electrical Engineering runs undergraduate programme providing Quality technical education to the student in order to meet challenges of globalization with the state of art equipment and laboratories, computational and audio-visual facilities and good interaction with industry.

To bridge the gap between Industry and Academic, Department regularly organizes guest lecture, expert lecture, workshop, seminar, value addition course, conferences, and industrial visit. The department has student association ELESA (Electrical Engineering Student Association) which regularly organizes various activities like group discussion, debate, quiz, aptitude test, poster presentation, spot painting, mock interview for 360 degree development of the students. Department has Membership ofIEI& IET Student Chapter.

Ms. Mulay Sushma Bharati (B.E. Electrical) Awarded with **2 Gold Medal** and **4 other Awards** in April / May 2019 examination. Department Achievements are as follows

1. Awarded as a **"Energy Efficient Unit"** in 21st National Energy Award for Excellence in Energy Management 2020 **by Confederation of Indian Industry (CII).**
2. Secured 2" Prize in 12th state level award for Excellence in Energy Conservation & Management **by MEDA, Govt. of Maharashtra.**
3. **Green & Clean** Campus award byAICTE Delhi.
4. **400 KW Solar Roof Top Photo Voltaic Plant** (SRTPV)& 5 KW Hybrid Solar Wind System.
5. Organized Gandhi Global Solar Student Ambassador Workshop in Coordination with IIT Bombay in 2019 **listed in Guinness Book of world record**.
6. **Total 166 students** placed in last three years.
7. **Highest Japanese & German Language certified students.**
8. AVCOE is authorised as **Nodal Center of ISRO IIRS**

Vision
To produce comprehensively trained, socially responsible electrical engineers to build the nation's imprint on the world's stage.

Mission
M1: To provide quality education at under graduate level in electrical engineering with state of art technological hub
M2: To enrich professional skills of students for meeting current & future need of industry for social &economical development of the nation.
M3: To maintain an environment which fosters holistic development and strengthens the Morality & ethics of the learners.

Program Educational Objectives (PEOs)
PEO1: Design, test and enhance electrical systems with the help of solid foundation in mathematics, science and engineering fundamentals.
PEO2: Accomplish the needs of industry by analyzing, designing and creating novel product with the help of modern engineering software and hardware tools and engineering principles.
PEO3: Involve effectively as individuals and as a team member in multi disciplinary projects and excel them in professional ethics

Electrical Engineering Faculty members with Principal Dr. M. A. Venkatesh.

and leadership qualities.

PEO4: Engage in life-long learning, carrier enhancement, leadership qualities &professional attitudes for societal benefits.

Program Specific Outcomes (PSOs):
PS01 : Specify, design, prototype and test advanced electrical networks that performs control operation of drives.
PSO2 : Formulate analyze and select appropriate technologies for implementation in modern transmission and distribution system.
PS03 : Built and implement programming logic for industrial process and automation.

Faculty
Associate Professor = 02
Assistant Professor = 12

Laboratories
UG Lab

1. Electrical Machines Lab	2. Measurement & Instrumentation Lab
3. High Voltage Engineering Lab	4. Power Electronics Lab
5. Power System and Electrical Drives Lab	6. Software Lab
7. Embedded System Lab	8. Basic Electrical Lab
9. Switch Gear and PLC Lab	10. Project Lab

Major Equipments

1. Power Quality Analyzer	2. Rectifier Unit : 200A
3. High Voltage Insulation Tester	4. Motorized Oil Test Set

5. High Voltage Transformer with Sphere Gap Assembly
6. PLC & SCADA Trainer Kit M-1400
7. KVAR Measuring Equipment
8. Ageing Equipment 9. 30KV Cable Testing Unit
10. Transmission Line Model

Software Available
The Computer Lab has the latest software :

1. MATLAB 2018	2. P-SPICE	3. MI Power
4. Scilab	5. MPLAB	6. Keil

■ Software Lab

■ Embedded System Lab

ACTIVITIES

■ Student Solar Ambassadors Workshop in association with IIT,Bombay

■ Guest lecture on Industrial Robot and Automation in association with IET Nashik Local Chapter on 23rd March 2022

■ Industrial Visit for SE & TE Students at HVDC Terminal Station, Padghe on 09 April 2022.

14 Result of May 2021-2022 (BE):

Sr. No	Name of toppers	SGPA
01	GUNJAL ROHIT NANASAHEB	9.62
02	DANDWATE HRUSHIKESH PRAKASH	9.52
03	BODKHE VAIBHAV NAMDEVRAO	9.41

No. of Distinction holder : 70

■ First Year Students Conclave on 8th January 2022.

Department of
MBA
(Management & Business Administration)

The institute established the Department of Management to impart high quality formal education in the field of management through a comprehensive two year full time regular MBA Course. The Department of MBA has over a short period, acquired and developed adequate infrastructure, expert faculty and resources to excel in imparting management education. The Department is housed in an exquisitely designed lecture rooms, computer laboratory, conference hall and library. The department is striving for excellence through industry-academic participation, consultancy and research. The MBA programme prepares students for local and Global careers in diverse sectors of the Industry. Likewise entrepreneurial perspective of job and wealth creation with a social context also needs to be integrated into various aspects of the programme. The department conducts various activities for overall all development of students like Group Discussion, PI, Debates, Paper Presentations, Case study, Role plays, Business Plan, Quiz, Ad-mad shows, Movie screening, Share Market Analysis, Mock Interviews. As an initiative to impart practical knowledge, the department frequently conducts field visits for exploring practical aspects of curriculum. Presently, the Department offers specialization in following areas **1) Marketing Management. 2) Financial Management. 3) Human Resources Management. 4) Operations & Supply chain management 5) Business Analytics.**

Vision
To encourage and develop skills of rural students to become managers and entrepreneurs through management education.

Mission
To develop managers and entrepreneurs through managerial theories, techniques and process to ensure employment in real world business.Learning is to create dynamic opportunities for career preparation and personal development.

Program Educational Objectives (PE0s)
PEO1 : Graduates of the MBA program will successfully integrate core, cross-functional and inter-disciplinary aspects of management theories, models and frameworks with the real world practices and the sector specific nuances to provide solutions to real world business, policy and social issues in a dynamic and complex world.

PEO2 : Graduates of the MBA program will possess excellent communication skills, excel in cross-functional, multi disciplinary, multi-cultural teams, and have an appreciation for local, domestic and global contexts so as to manage continuity, change, risk, ambiguity and complexity.

PEO3 : Graduates of the MBA program will be appreciative of the significance of Indian ethos and values in managerial decision making and exhibit value centered leadership.

PEO4 : Graduates of the MBA program will be ready to engage in successful career pursuits covering a broad spectrum of areas in corporate, non-profit organizations, public policy, entrepreneurial ventures and engage in lifelong learning.

■ **MBA Faculty members with Principal Dr. M. A. Venkatesh.**

PEO5 : Graduates of the MBA program will be recognized in their chosen fields for their managerial competence, creativity & innovation, integrity & sensitivity to local and global issues of social relevance and earn the trust & respect of others as inspiring, effective and ethical leaders, managers, entrepreneurs and change agents.

Faculty
Associate Professor = 01
Assistant Professor = 06

Laboratories
PG Lab
Computer Lab = 01

ACTIVITIES

■ **Soft Skill Training by Mrs. Ruchira Ghormare**

2.Result of may 2021(MBA)

Sr. No	Name of toppers	SGPA
01	Avhad Harshada Vasant	8.63
02	Mogal Suvarna Bhimraj	8.58
03	Kanawade Nirmala Maruti	8.51

No of distinction holder : 45
No of first class : 11
No of higher second class : 0

The Campus

The college campus is spread over 15.6 acres of land. The attractive campus is with beautiful buildings housing spacious class rooms, state-of-the-art laboratories, central computing facility, seminar / conference halls with the facility of video conferencing, auditorium, open theatre, library and sports complex. The picturesque backdrop of the green hills embraces the campus, which provide conducive environment for studies.

Main Entrance

Bamboo Tunnel

Campus Entrance

Campus (Bird's - eye View)

Dronagiri Building

Main Building : This Building has the Reception counter, Principal's Office, General Administration Office, Sanstha Office, Departments of Civil, Electrical, IT, E&TC, Computer, Electronics, Engg. Science and their respective Labs, Language Lab, Central Library, Account Section, J.R.D. Tata Conference Hall, Central Computing Facility, Open Theatre, Bank, ISO Cell, Career Development Center, Sir M. V. Hall, Sir C. V. Raman Hall, Principal Meeting Hall and the idol of Goddess Saraswati in the central garden.

■ **Main Building**

Dronagiri Building : This Building has Dept. of Mechanical Engineering, Production Engineering, MBA and their respective labs. It also have a fully air-cooled conference hall with ultramodern facilities like LCD system, Audio system, for organizing conferences, video conferencing, workshops, seminars etc.

Central Computing Facilities :

* 80 Computer Systems with i3, 8 GB Ram, 3.6 GHZ configuration available in CCF Lab.
* 500 Mbps Leased Line for internet connectivity with Wi-Fi Communication.
* University Examination, Various training programmes, Govt. Competitive exams like Railways, Banking etc., MH-CET and Various Seminars are conducted

■ **Central Computing Facility**

Language Lab : Students from FE to BE are engaged to improve Listening, Speaking, Reading, Writing in the language lab. The lab is equipped with GOLS Softskills Lab software for unlimited users with headphones. In addition to these, also the lab has orell software to boost the language skills. The lab also equipped with GOLS Language Lab software for 50 users.

■ **Language Lab**

Under foreign language centre, our college offers various certification courses like German (Al, A2, B1) &Japanese (N5 to N1). Under this, German and Japanese classes are conducted. and also certifications of the above languages are done.

■ **German language level-Al & A2 Certification.**

■ **Students qualified in Japanese Language Certification**

Open Air Theatre :

The main building of AVCOE has an open theatre 'Amrutkalamanch' for organizing the mega cultural events, annual social gathering, motivational lectures, yoga programmes, etc. The Amrutkalamanch has the seating capacity of more than 2500.

■ Open Theater (Kalamanch)

General Office :

The General office comprises establishment section, student section which takes care of admissions, University examinations, display of results, distributions of mark sheets, preparations of merit list, assistance for availing scholarships, travel concessions, issue of students documents or certificates etc. and account section deals with students fees and other monetary transactions.

■ General Office Staffs with Principal Dr. M.A. Venkatesh.

Board of Student Development

The Board of Students Development(BSD) looks after the development activities of the students.
BSD promotes and co-ordinates the different students activities for better corporate and social life.

The Board of Students Development activities are organised by the Prof. D. R. Patil, Board of Student Development Officer. Some of the schemes and activities are as follows

Schemes

1) **Fearless Girls Campaign (Nirbhay Kanya Abhiyan) Scheme:**
2) **Special Guidance Scheme**
3) **Personality Development Scheme**
4) **Disaster Management Scheme**
5) **Karmaveer Bhaurao Patil 'Earn and Learn Scheme'**

Academic Year	No of Students		Amout Spent(Rs.)
	Male	Female	
2021-22	6	8	41,040
2019-20	46	26	5,25,500
2018-19	50	31	7,15,995
2017-18	38	32	7,40,000
2016-17	33	34	4,51,710
2015-16	44	42	5,76,135

Activities

* Annual Prize Distribution
* Anti-ragging Cell
* P. C. Alexander Elocution Competition
* Samarth Bharat Abhiyan
* Soft Skills Programme
* Student-related Seminar/ Conferences / Workshops / Lecture Series / Camps etc.
* Students Safety Insurance
* Students Council & many more

■ Covid Vaccination Camp.

■ Marathi bhasha Pandharwada

Academic Vigilance :

Dean Academics, headed by the HOD's and senior faculty members look after the academic activities with the assistance of two staff members. The dean conducts periodic meetings of faculty to review the syllabus coverage, students attendance report and their performance in semester examinations. Two tests in a semester are conducted and after each test, the progress reports and attendance reports are sent to the parents. Students counselling is also a part of Dean office activities.

Academic Excellence : With the changing time, there has been a revolution in the conduct and delivery of engineering education. The management encourages the staff to acquire doctoral degree by sponsoring them. The faculties are actively involved in research and developement activities, consultancy projects, writing of books and paper presentations / publications of national / international levels and undergo summer / winter schools / workshops /NPTEL/ NITTTR training programmes etc. for upgradation.

* The teaching learning methodology is given more thrust for improving the qualitative and quantitative standards of the institute which rightly reflects in the University results.
* Our students regularly feature in the University Rank lists in all the disciplines. Meritorious students are awarded with cash prizes and certificates. .
* Rs. 1000/- per month is given as a scholarship to the students who scores more than 9.5 SGPA for a semester only.
* Teaching-learning process is introduced to enhance the basic concepts. Additional Lectures are conducted to teach beyond the syllabus.
* Special Guidance is given to the weaker students so that they can become fit to face competition. Feedback analysis method has been adopted for qualitative teaching. The faculty takes necessary remedial steps, if required.
* Institute has Synchronic Sack info Web Based ERP System for teachers as well as for students. Each student has their own login to keep track his/her subject wise attendance and progress in various internal exams. Students give feedback about college and the teaching learning process. ERP enables the facility to send SMS to parents periodically about student's performance. Also integrated with online payments gateway to pay College fees and other fees through online mode.

First Year Engineering (FE COMMON) :

* FE Academic activities is headed by FE Coordinator.
* To make the student feel at home, direct interaction with the parents and personal care of every students is taken.
* Class Teacher concept, Tutor scheme, Personality Development Programmes etc. are regular activities. The Class Teacher is an intermediary between tutor and FE-Coordinator. The Tutor teacher acts as a friend, philosopher and guide to a batch of twenty students in a class.
* Twice a semester SMS are sent to the student's parents regarding the progress reports, attendance, unit test performance and other instructions.
* Solves the academic as well as non-academic issues of the students. **A Professional counselor is appointed for counseling.**
* The First year class rooms are well equipped with DLP, CCTV and teaching is done with aid of blackboard and chalk, power point presentation, video lectures etc.

Tutor System :

The institute has tutor Scheme in each department from F.E. to B.E. The meetings of tutor with students are conducted in every 15 days upto ending of the semester. For every batch (group of 20-22 students), one tutor is assigned.

Objectives of the Tutor Scheme

* To motivate and assist them to improve curricular, co-curricular and extracurricular performance.
* To provide a framework for positive interaction between students, tutors and staff.
* To enable the students to understand the challenges and to find the positive solutions for the overall development.
* To Motivate students through Positive role models.

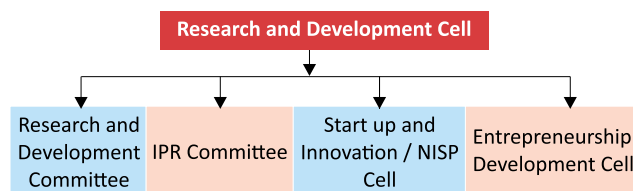■ **Teacher-Students-Parents Meet**

■ **Teacher-Students-Parents Meet**

Research & Development Cell

Innovation and Invention plays a vital role in national development, and it is also an essential aspect of education in nurturing the research culture in students and faculty members. The Amrutvahini College of Engineering is dedicated to developing a research culture in students at very early stage of graduation by running the course, such as project-based learning during the first year. The students develop their ideas into innovation by converting the thoughts into working models/demo models/prototypes, which are presented in the Project Exhibition **"Amrut-Expo"** every year. The best research project of students are identified, which further processed for filing the IPR: /Design Registrations/Patents/Copyrights/Trademarks. The R&D cell also encourages students to participate in different National and International events/competitions such as **Chhatra Vishwakarma Award** Project Competition (AICTE), **AVISHKAR** by Savitribai Phule Pune University, **Future Solar Design Challenge, INSDAG, SAE: M-Baja, E-Baha, Tifan and Aero India Challenge, Go-Cart, Smart India Hackathon, Unnat Maharashtra Abhiyan and Unnat Bharat Abhiyan.** It assists the faculty members to participate in various research funding schemes such as AICTE Quality Improvement Scheme (**AQIS), ASPIRE** and **AVISHKAR** by Savitribai Phule Pune University Pune. The R&D Cell is having the facility of Plagiarism checking
software like Turnitin, Urkund etc. The institutions Innovation

Council (IIC) is established under R and D Cell in Amrutvahini College of Engineering, Sangamner on 29/01/2021. The IIC functions to identify prepare and create string pipeline of students and faculty members for commercialization through startup and enterprise mode. The research and development cell is engaged in the following activities:
1. To create, maintain and enhance the research environment for UG and PG students.
2. To help in improving the in-house research facility.
3. To help the faculty members and students for fetching the research grants.
4. To assist in filing the IPR of faculty members and students.
5. To conduct the teachers training program in a research perspective. Research and Development Cell Structure:

Research and Development Cell

Research and Development Cell			
Research and Development Committee	IPR Committee	Start up and Innovation / NISP Cell	Entrepreneurship Development Cell

Glimpses of Various programs organized in Academic Year 2021-2022

■ **Under the banner of "Azadi ka Amrit Mahotsav", awareness and training is imparted to 535 students on Intellectual Property Right (IPRs).**

■ **All India Council of Technical Education has provided the grant of Rs 12,000 to conduct the Impact Lecture Series under Institutions Innovation Council(IIC). R & D Cell has conducted 21+ activities under Innovation, Startup, Entrepreneurship, and Patent etc during the academic year 2021-22**

Department	Type of Proposal	CFY 2019-20
Mechanical Engineering (QIP, SPPU, Pune)	International Workshop on Thermal Engineering: Theory andApplications	3,00,000 /-
Production Engineering (QIP, SPPU, Pune)	Laboratory Equipment Grant	1,00,000 /-

Department	Year	Scheme	Amount
Production Engineering	2018-19	AICTE - MODROBS	14, 51, 000/-
Production Engineering	2019-20	AICTE - MODROBS	16, 00, 000/-
Mechanical Engineering	2019-20	AICTE – RPS	21,56, 863/-

From Savitribai Phule Pune University QIP Proposal under IQAC

Department	Year	Scheme	Amount
Mechanical Engineering	2021-22	Technical Intervention Project under UBA 2.0	1,00,000/-
E&TC Engg.	2021-22	IEEE Antenna and Propagation Society (APS)	4,58,769/-
Electrical Engineering	2021-22	AICTE ISTE FDP funding	93,000/-

Department	Type of Proposal	CFY 2018-19
Electronics Engg.	Purchase of Lab Equipments	1,00,000/-
Sports Dept. (Gymkhana)	Purchase of Sports Equipment	1,00,000/-
Electrical Engg.	Installation of Solar Rooftop System	5,00,000/-
	Total- INR	13,00,000/-

College Library

* The central library with vast collections of books and it is a treasure house of knowledge and information.
* The library is fully automated with Sack Info 2.5 ERP Library Management Software with barcode system.
* The library database is centrally computerized.
* The library has rich collection of text book, reference books, e-book handbooks, manuals etc.
* The library has an area of 1222 square meters.
* The library has subscribed research journals in electronic as well as printed formats with various reputed online scientific databases such as IEEE, ASCE, ASME and DELNET.
* Photocopying and printing is provided to students at nominal rate.

Reading Hall Student Seating Capacity	400
Total Number of Books	67869
Titles of Various current as well as	15091
Syllabus based books Reference Books	6838
National Journals	109
Magazine	10
Bound Volume	1250
Number of Computers	26
ProQuest E-book	39,300+
E-Journals (IEEE, ASME, ASCE, DELNET)	270

The Library has Institutional Membership :
* Automotive Research Association of India (ARAI), Pune.
* Developing Library Network (DELNET), New Delhi.
* National Digital Library of India (NDL), Kharagpur India

Library

Library Timings	
Monday to Saturday	08.00 am to 12.00 pm

Central Library

Library Services & Facilities:
* Reference and Information Service
* Circulation Service (Book Issue and Return Service) Reprography Service Digital Reference Service
* Online Document Delivery Service
* Newspaper Clipping Service Online Public Access Catalogue [OPAC]
* Reading Room facility
* Institutional Repository Scanning facility
* Wi-Fi facility
* Book bank facility Plagiarism Checking Service English Speaking books with Cds
* Marathi Literature & Comparative Examination book facility.

Digital Library Facility :
The Central library has a separate place exclusively devoted for a digital library having 26 computers to facilitate like to surf the internet, listen and view academic related audios & videos. Apart from this, the users from the digital library can also browse the parent library through Library OPAC (Online Public Access Catalogue) and even subscribed electronic databases. The digital library is designed and developed keeping in view the shifting electronic environment and the day needs of students.

Reading Room

Library Reading Room	
Everyday	08.00 am to 12.00 pm
During Exam period	24x7 days

Anti Ragging Rules

Summary Of UGC Regulations On Curbing The Menace Of Ragging In Higher Educational Institutions, 2009.

1. Preamble: In view of the directions of the Hon'ble Supreme Court dated 8.05.2009 and in consideration of the determination of the Central Government and the University Grants Commission to prohibit, prevent and eliminate the scourge of ragging.

2. Objective : To eliminate ragging in all its forms from universities, deemed universities and other higher educational institutions in the country by prohibiting it under these Regulations, preventing its occurrence and punishing those who indulge in ragging as provided for in these Regulations and the appropriate law in force.

3. What Constitutes Ragging: Ragging constitutes one or more of any of the following acts:

a) Any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student.

b) Indulging in rowdy or in disciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student.

c) Asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student.

d) Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a freshen

e) Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.

f) Any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students

g) Any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;

h) Any act or abuse by spoken words, emails, post, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student.

i) Any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

∗ Amrutvahini College of Engineering's Stand on Ragging:

Amrutvahini College of Engineering, being a premier Institution of Engineering Education, is not lagging behind to join the mission to eradicate this dreaded social evil from the society and pledges to make college campus a "Zero Ragging Campus", which will, no doubt, be an important milestone towards perfect learning and acquiring practical knowledge and guarantee equal opportunities to all and highest regard for human rights.

In strict compliance to the directions of The Supreme Court, Maharashtra Government, AICTE, UGC, Savitribai Phule Pune University and with a view to curb the menace of ragging

effectively, Amrutvahini has taken the following measures:

1. Constitution of Anti-ragging Committee and Anti-ragging Squad (details of committee and squad are available on college website). It shall be the duty of the Anti-Ragging Committee to ensure compliance with the provisions of UGC Anti-Ragging Regulations as well as the provisions of any law for the time being in force concerning ragging; and also to monitor and oversee the performance of the Anti-Ragging Squad in prevention of ragging in the institution. The Anti-Ragging Committee of the Institute will promptly conduct enquiry into the incident as per provisions laid down in Clause 6.3(e) of the UGC Regulations. It is the duty of the Anti-Ragging Squad to be called upon to make surprise raids on hostels, and other places vulnerable to incidents of, and having the potential of, ragging and empowered to inspect such places. It will also be the duty of the Anti-Ragging Squad to conduct an on-the-spot enquiry into any incident of ragging referred to it by the Head of the institution or any member of the faculty or any member of the staff or any student or any parent or guardian or any employee of a service provider or by any other person, as the case may be; and the enquiry report along with recommendations will be submitted to the Anti-Ragging Committee for action under clause (a) of Regulation 9.1.

2. The telephone numbers of the Anti-Ragging Helpline and all the important functionaries in the institution, including but not limited to the Head of the institution, faculty members, members of the Anti-Ragging Committees and Anti-Ragging Squads, Rectors of hostels, and other functionaries or authorities are displayed at college and hostel campus and published on college website.

∗ Punishments For indulging and Abetting Ragging

(REF: Clause 9.1 of UGC regulations as well as AICTE guidelines) Ragging in any form is a cognizable offence under the law. Exemplary and justiably harsh punishment to be given to those found guilty of Ragging and indulgence to ragging. Punishment at the institution level include:-

1. Cancellation of admission

2. Suspension from attending classes.

3. Withholding/withdrawing Scholarship/Fellowship and other benefits Disqualification from appearing in any examination/evaluation process.

4. Withholding examination result.

5. Disqualification from representing in any meet, event, tournament, festival etc.

6. Suspension/expulsion from hostel.

7. Rustication from the institution to a maximum 4 semesters. 8. Expulsion from the institution and consequent disquali-fication from admission in other institutions.

9. Collective punishment when the person(s) committing / abettingthe crime is/are not identified.

10. Fine of Rs. 25000.00.

The Anti-Ragging Committee (ARC) shall take appropriate decision with regard to punishment or otherwise, depending on the facts of each incident of ragging, nature and gravity of the incident. (The ARC may also constitute an enquiry in such case, if feels necessary.)

* Anti-ragging Information

(A) For Senior Student:

The senior student should note that they should not engage themselves in any kind of Ragging activity inside as well as outside of College Campus. Strict action as per above **AICTE Regulations** will betaken against them if anybody is found indulging in Ragging activity. All senior students and their Parents/Guardian should submit the Affidavits duly filled on website: **www.antiragging.in or www.** amanmovement.org along with the admission form at the time of payment of fees. The student who fails to submit the Affidavit will not be granted admission in the College.

(B) For Fresher Student:

The fresher student can contact any of the Committee Member or the Principal at any time, if anybody tries to do Ragging with them. The Fresher student should desist from doing anything against their will even if ordered by the seniors. They should immediately contact the Office or any of the Anti-Ragging Committee/Squad Member and report the incident immediately. The College will take stringent action against the senior student involved in Ragging .The fresher's should not fear of any action and should not tolerate any kind of atrocities of seniors students. All fresher students and their Parents/Guardian should submit the Affidavits duly filled on website: www.antiragging.in or www.amanmovement.org along with the admission form at the time of payment of fees. The student who fails to submit the Affidavit will not be granted admission in the College. For monitoring students, the following members are formed as

Anti-ragging committee members : 1. Dr. M. A Venkatesh, 2. Dr. M. R. Wakchaure, 3. Dr. R. P. Labade, 4. Executive Magistrate, 5. Police Inspector, 6. Shri. Ganesh Bhor, 7. Representative of Parents, 8. Dr. Suchit Madanial Gandhi, 9. Shri. S. R. Dengale, 10. Sr. Category Student, 11. Jr. Category Student, 12. Dr. V. S. Ubale, 13. Prof. V. Y. Patil, 14. Mrs. T. N. Varpe, 15. Shri N. N. More, 16. Dr. P. N. Nagare

Anti-ragging squad members: 1. Dr. M. R. Wakchaure, 2. Prof. V. Y. Patil, 3. Dr. S. S. Kadlag, 4. S. D. Gundal, 6. Dr. B. S. Borkar, 5. Dr. V. S. Ubale, 6. Dr. P. N. Nagare, 7. Prof. S. R. Pandit, 8. Mrs. T. N. Varpe, 9. Mr. N. N. More.

Contact details regarding ragging complaints:

1. Dr. P.N.Nagare Member Secretary, Anti-ragging Committee, Department of Mechanical Engineering, Amrutvahini College Engineering, Mo.No: 9511832351. Email: prashant.nagare@avcoe.org	2. National Anti-ragging helpline number: 1800-180-5522 Email:helpline@antiragging.in

Internal Complaint Committee :-

Overview

The Amrutvahini College of Engineering has zero tolerance policy against discrimination and sexual harassment. An act of sexual harassment is a punishable offence. In terms of sexual harassment of Women at Workplace (Prevention, Harassment and Redressal) Act 2013, with a view to provide protection against discrimination and sexual harassment of women at workplace and for the prevention and redressal of complaints of sexual harassment and for matters connected therewith or incidental there to, the internal Complaints Committee (ICC) has been constituted. ICC meets on a need basis to address any complaints from students, teaching and nonteaching members and takes necessary action. The college is committed to providing a safe and conducive work and academic environment to students and its employees and is extremely alert to matters pertaining to any kind of harassment and gender sensitivity. This policy establishes the basis for the formation of ICC, including their composition, membership, terms and recommendations. And Internal Complaint Committee shall have Confidentiality, Non-Coercion and Interim relief, Fair Policy, Education and Redressal, Ethics for Research Supervision.

Objectives :

1. To fulfil the directive of the Supreme Court enjoining all employers to develop and implement a policy against sexual harassment at the work place.

2. To ensure the implementation of the policy in letter and spirit through proper reporting of the complaints and their follow-up procedures.

3. To uphold the commitment of the Institute to provide an environment free of gender-based discrimination.

4. To create a secure physical and social environment which will deter acts of sexual harassment.

Dr. Rekha P. Labade, Professor & Head E & TC Engineering Department Chair Person 9850498510 hod.entc@avcoe.org

Hostels

The capacity of the hostel is 1334 students including two boys & two girls hostel. Three students can accommodate in one room, cub board to every student. Each hostel a separate dining hall with mess facility. TV room, guest room, garden, gymkhana, commercial complex and an on-campus clinic with highly experienced doctors are there for boys and girls separately.

Intake Capacity

Boys Hostels: Intake capacity- 750 (Sinhgad = 420, Sajjanad =330)

Girls Hostel: Intake capacity - 584 (Kalsubai = 320, Krushanwanti = 264)

Objective of Hostel Department

* To endow with good amenities to students at subsidised rates.

* To maintain discipline in the hostel

* To address the students Grievances related to hostel facilities

Hostel Facilities

R.O. Water through water coolers.

Hot Water using Solar system.

Normal Potable water for 24 X 7 hrs.

Clean & lush green environment.

* First Aid and Medical facility.
* Ambulance for medical emergency.
* 24 Hr Power supply with 263KVA generator backup.
* Wi-Fi Facility in hostel premises.
* LCD Television with Dish Connection.
* Daily 2 English & 3 Marathi News Papers
* Separate fitness center for Boys and Girls.
* Guest house for parents in hostel campus.
* Student Facility Center with photocopying facility, Laundry, Book
* stall, general stores & Beauty Parlor for Girls.
* Fire Extinguishers are installed in all hostels.
* Security guards are deployed in each hostel.
* CCTV surveillance.
* A separate Mess and Canteen.
* Internet Centre at girls hostel.
* Bio-metric attendance at Ladies and Gents hostel

■ **Krishnavanti Ladies Hostel**

■ **Sajjangad Boys Hostel**

Mess and Canteens : There are total five Messes and Canteens in campus

1. Annapurna Mess   2. Atithi Mess
3. Gayatri Mess   4 Godawari Mess
5 Sajjangad

Mess Every mess is under control of college authority, a mess committee is formed at college level who check the quality of food and submit the periodical report to college management.

■ **Sinhagad Boys Hostel**

■ **Kalsubai Ladies Hostel**

Regarding details about the Hostel
Please contact to the
Dr. Vilas S. Ubale
Assistant Professor in Elex Engg. & Chief Rector
AVCOE, Sangamner, Mob: 9422743800
Email id-vilas.ubale@avcoe.org

Staff Quarters : Principal's bungalow built up with an area of 2000 sq. feet surrounded by a beautiful garden is situated in girls hostel campus. It also has guest rooms, security cabin etc. For both teaching and non-teaching staff, total 114 quarters are provided within the campus; (4, 30 & 72 are of B, C and D types respectively and 8 flat system).

■ **Atithi Mess and Canteen**

Amrut Kuti - Guest House : A beautiful guesthouse with ultramodern facilities comprising conference hall, dining hall and recreational facilities is situated on the hillock, which is surrounded by gardens. A panoramic scene of the campus can be viewed from the guesthouse.

■ **Amrut Kuti - Guest House**

Parking : Spacious parking facility is provided for all of staff and students.

Shopping Complex and Guest House : The campus has a shopping complex which houses book shops, general store, ice cream and juice center, Canteen, cafeteria, and photocopy center to take care of basic needs of the students. A well furnished Guest House is there in this complex.

■ **Shopping Complex**

Sports Facility

All indoor and outdoor facilities are available in the Gymkhana. Students are motivated to participate in intercollegiate, state level and inter University national level competitions. .:.

* Two full time qualified physical directors (Mr. Balasaheb Shitaram Shinde for boys and Mrs. Archana Nanasaheb Navale for girls) is appointed to coach and guidethestudentsforsportsactivities.
* Facility of sports materials / equipments / uniform / medical aid during practice sessions for tournaments is provided.

* Well equipped Health Center, play ground and a sports center are available.
* Additional playground for cricket, athletic track of 8 lanes, long jump and discuss throw is available.
* The college host university level competitions regularly.
* The institute regularly arranges sports activities, in campus and also inter-collegiate competitions in Cricket, Footbal, Hockey, Volley bal, Basketball, Kho-Kho, Kabaddi, Hand ball, Table Tennis, Carrom, Chess & Badminton.

Sports Achievement :
Our college students participated in various intercollege sports activities in 2022. The following students were selected in inter zonal tournament of Pune University 2021-22

Ms. SAKSHI SANGLE

Ms. SANIKA KASAR ← CHESS GIRLS

Ms. PRDNYA SABLE

Mr. PAWAR MOHAN ← HANDBALL BOYS

Mr. SHIED MALLA ← CRICKET BOYS

Our college organizing Ahmednagar sports zone tournament
1. Table Tennis- Boy's and Girl's
2. Volleyball – Boy's
3. Cricket- North zone Boy's
Our Students took active part in Annual College tournament 2021-22 and also participated in individual events as well as team events.

■ **Volleyball**

■ **Table Tenis**

Activities

Co Curricular Activities :

Soft Skill Development Program :
The "Soft Skill Development" Program has been made compulsory from the first to final year students to enhance their communication skills and improve group discussion and interview skills. These efforts have certainly enhanced students employability, overall development and yielded considerable increase in placements.

Competitive Examination Cell :
To prepare the students for different competitive examination like GATE / UPSC / MPSC / GRE / TOEFL the "Competitive Exam Cell" has been established. The separate Library and reading room has been provided for this purpose. Students are coached by guest lecturers for the GATE examination and 28 students qualified in GATE 2018, 8 students qualified in GATE 2019, 7 students qualified in GATE 2020, 11 students qualified in GATE 2021.

National Service Scheme :
National Service Scheme (NSS) has been playing a vital role in enriching the souls and minds of the students of the university since long time. The overall objective of this scheme is 'Education and Service' to the community and by the community. The institute has an active NSS unit with 100 volunteers for regular and special camp activities. Additional unit of 100 volunteers is sanction by SPPU, Pune as a recognition. The following activities are conducted under NSS.
a. Clean India, Green India.
b. Save Water, Save Life.
c. Health is Wealth.
d. Education to Rural India.
e. Blood Bank Helpline.
f. Adopted in 5 villages.

■ **Blood Donation Camp organized on 8th Feb. 2022.**

| Anil Bhabad 42.33 | Abhijit Dighe 33.75 | Sushant Lolge 35.67 | Abhijit Shinde 35.67 | GopaleTushar 29.67 | Pawar Supriya 27.67 | Walve Bhagyashree 25.67 |

Students are Qualified in GATE - 2020

| Akash Shejul 50.51 | Pratik Khule 42.58 | Krishna Thombare 38.98 | Tejas Gavande 34.49 | LALIT PATIL 60.99 | Dnyaneshwar Gawai 29.88 | Swaraj Kanawade 29.82 |

| Pranit Shinde 25.57 | Rajeshri Gawali 29.2 | Omkar Ingale 20.44 | Shrikant Balsaraf 27.18 |

Students are Qualified in GATE - 2021

| Amol Kokane 46.63 | Omkar Ingale 22.08 | Navnath Ahire 21.31 | Krishna Thombare 38.98 | MAHESH DARANDALE 28.55 | Swaraj Kanawade 27.81 | ROSHAN VAGHODE 48.73 | LALIT PATIL 60.99 |

Students are Qualified in-GATE 2022

■ **Eco friendly Ganapati making compitition at AVCOE, Organised by NSS.**

■ **NSS Camp at Saykhindi Villege (CCT work)**

Extra-Curricular Activities

Yoga Club : Conducts spiritual courses on meditation, pranayam, relaxation technique to improve memory power, concentration etc. College organizes the Yoga activities for all the staff members & Students.

■ **International Yoga Day celebration.**

Music Club : Identifies and promotes students who have interest in music.

Movie Club : Technical films, feature flims, scientific discovery rappelling, valley crossing, wild life observation etc. clippings are screened in the Dronagiri auditorium

■ **Movie Club**

Movie Club Cultural Activities : The institute believes in exploring hidden artistic talents. 'Sahity Sharda' a literary forum provides space for poetry, paintings and sculptures, articles etc. 'Mudra' - a cultural forum provides a stage for dance, drama and orchestra. College organizes annual cultural and sports festival, a culmination activities every year.
NSS Special Camp at Saykhindi

■ **Medha - 2020**

Adventure Club : Organizes tours to historic places, trekking, rappelling, valley crossing, wild life observation etc.

■ **Trekking at Harishchandragad**

■ **Solar Water System**

Facilities

CCTV : Security personnel are equipped with walky talky are deployed at every strategic location in the campus. The whole campus is under CCTV surveillance.

■ **Audio Visual Facility Training session for Fire Fighting**

Safety Measures : The college has installed fire extinguishers in every department and sections. Training has been imparted regarding the use of it. The staff are trained how to handle the fire extinguisher.

Electricity and Generator Facility: A roof top solar power plant of 400KW capacity is installed , which generates the power required for the campus. Generators with a capacity of 200 KVA and 62.5 KVA are supported for interrupted power supply.

■ **Solar roof top Photo - Voltaic Project**

Transportation : The AVCOE owns three buses for communicating the students to the campus from sangamner town and surrounding villages.

■ **Transportation**

First Aid And Medical Facility : A separate doctor is appointed for Boys & Girls in the campus. First Aid box is provided in each department. During emergency, the institute has its own ambulance with medical aid in the campus.

■ **Ambulance 24 X 7 Service**

Bank / ATM : The AVCOE has an extension counter of the engineering students at the campus. The college also Shri Bhausaheb Thorat Amrutvahini Sahakari Bank in its has the ATM of Union Bank. main building facilitating the financial transactions of the engineering students at the campus. The college also has the ATM of Union Bank.

■ **Bhausaheb Thorat Amrutvahini Co-Operative Bank.**

■ **ATM**

Alumni Association

Alumni association was started in AVCOE in 1994. The registration number of association is MH / 788 / 04 / Ahmednagar.

By the end of 2020-21 total members of the association is 12,938.

Activities:
* Provides placements and project assistance to the final year UG and PG students.
* Enhances the industry Institute interaction.
* Monitors the personality development progress.
* Arranges lectures of renowned industrialists and educationists.
* The Staff Coordinators and The Committee meets quarterly and alumni meet is arranged annually in the month of February/March. The alumni have a branch in USA. The college remains in touch with the Alumni Association for the smooth functioning of the above mentioned activities.

Alumni Interaction (MILAP) in the academic year 2019-20

Distinguished Alumni

Avinash Kaul-1996
Chief Executive Officer
Network 18

Vinit Adarkar-2002
Vice President, Head
Mercedes-Benz R&D

Devendra Maral-1999
HOD,Pre-Series & TCCL
Volkswagen India

Sanjeev Gupta-1999
Entrepreneur
S. K. Industries, Thane (W)

Ajit Nehe-1996
General Manager
Sanjyot Metal

Sujit Ekhande-1996
Head - India Delivery Centre
NCS Group

Hemant Patil-1989
Chief Operations Officer
Simmonds Marshall Ltd.
India, Pune

Kamlakar Tak-1989
Plant Head Ring Plus
Aqua Ltd., Nashik

Prashant Hire-1999
Head - Preseries , New projects :
SCM Fiat India Automobiles Pvt Ltd.,
Pune

Vivek Malhotra-1991
CEO at NECON
group of Companies

Manoj Gupta-1992
Global Business Leader,
Tech Mahindra

Sujata Kolekar-1998
Bilingual Sr. Director at
Capgemini

Nilesh Nagarkar-1998
Vice President-Program
Management at Barclays

Sukesh Tokshiya-1998
Asso. Director at Cognizant
Technology Solutions

Romulus Dias-1998
Vice President
Barclays Capital

Abhijit Shinde-2006
DGM Operations
Surin Automotive Pvt Ltd. Pune

Sunil Chandana-1992
President, Stellar
Information Tech.

Kuljeet Singh-1992
Owner, Stellar
Information Technology

Jai Porje-2006
Vice president BFSI,
Winjit South Africa

Vivek M. Jagtap-2006
Chartered Engineer
Jagtap & Associates, Pune

Mrinmoy Mukherjee-1993
CEO,
SRT Sport Club, Mumbai

Anil Shelar-2008
Principal Software
Engineer Fire Eye,
Inc.Pune

Ashutosh Sharma-1995
Director of Product Engineer
Asset Vantage Pune

Col. Sushil Choudhary-1995
GM, Nagarjuna
Construction, DELHI

Ajit Mote-2004
Lead Senior DevOps
EngineerClairvoyant LLC,Pune

Rupesh Patil-2008
Senior Consultant
Capgemini

Vinayak Shukre-2004
Director Of Engineering
GuruculSoftware, Pune

Balasaheb Sable-2003
Founder & Managing Director
Innaovetia Consulting Engineers
Ltd. Pune

Dinesh Sable-2003
AGM, Apeejay Education
Society, Mumbai

Hemant Kolhe-2005
Vice President, Operation Tech
flow Engineers Pvt. Ltd. Nashik.

Sharad Sharma-1990
Owner
M/s Janus Auto, New Delhi

Piyush Somani-2002
Founder & CEO
ESDS Software Solution

Yogesh Bhavsar -1996
Senior Lead Sevak-Partnerships
at PanIIT Alumni Reach for India
Foundation (PARFI), Mumbai

Sambhaji Wagh-1992
Global Director,
Schneider Electric

Tribhuvan Watts-1993
Founder
Vats Brothers Inc. - Project Asha,
North York, Ontario, Canada

Hemant Patil-1999
Associate Consultant
TATA Consultancy Services Ltd,
Mumbai

Jaywant Patil-2007
Founder/Owner
The Organic Carbon, Pune

Pawan Mathur-1993
Vice President & Head – E&I, TPP
Ultratech Cement Limited

Sawant Prashant-2007
Head- Business Dev.
Arwade Infrastructure Ltd.
Pune

Thite Tanaji –2006
Managing Partner
Subduction Zone, Pune

Archana Sonawane-2007
Manager-Automation & Technology
AACG, Pune

Ghabade Gajanan-2003
Sr. Manager
Shapoorji Pallonji & Co.
Pvt. Ltd. Pune

Gaykar Vaishali-1998
Executive Engineer
Maharashtra Jeeven
Pradikaran, Pune

Gadgil Salil-2004
Manager, Technical Support
Krishna Conchem Product Pvt. Ltd,
Navi Mumbai

Arijit Ghosh-2006
Manager, Planning &
Contracts
SMPL Infra Ltd. Kolkata

Kolhe Pravin Shivaji-2004
Executive Engg Grade:I
Govt. of Maharashtra

Joshi Pramod-1989
General Manager -
Plant Operations
Raymond's Group
Company, Nashik

Komatireddy Rajgopal Reddy-1992
Member of Parliament,
LokSabha Assembly Member
for Munugode Assembly
Constituency, Telangana

Ranking Awarded by Competition Success Review
(CSR-Global Human Resource Development Centre Engineering College Survey)

All India and State Ranking Summery (Last Five Years)

Year	Award at National Level (Rankign)	National Level Ranking (Top Engg. College in India)	State Level Ranking (Top Engg. College in Maharashtra)
2017	COLLEGES OF EXCELLENCE	12	08
2018	COLLEGES OF EXCELLENCE	08	09
2019	OUTSTANDING COLLEGES OF EXCELLENCE	34	09
2020	OUTSTANDING COLLEGES OF EXCELLENCE	19	09
2021	OUTSTANDING COLLEGES OF EXCELLENCE	21	10

Ranking Standards Made by CSR (Note : IIT, NIT, Universities and Autonomous colleges etc. of more than 1000+ colleges participate in the Survey during each year)	Sr.No.	Ranking Category	Points Rating in %
	1	Leading Super Excellence	More than 80%
	2	Super Excellence	70% to 80%
	3	Colleges of Eminence	60% to 70%
	4	Outstanding College of Excellence	50% to 60%
	5	College of Excellence	40% to 50%
	6	Promising	Less than 40%

Career Development Center

The Career Development Center has State-of-art infrastructure for conducting activities like interviews, special lectures, workshops, group discussions etc. The Career Development Center regularly conducts guidance lectures to the students for competitive exams, interview techniques, personality development etc. The Career Development Center promotes industry institute interactions, organizes industrial trainings and gets sponsored projects from the industry. The basic function of the cell is to interact with the Corporate World for campus placements of Pre-final and Final year students.

• Acts as a nodal point for the placements of final year students.
• Headed bythe Training & Placement Officer and supported by the departmental placement coordinators and student representatives.
• Provides a platform for the recruiting organizations and graduating students to get desirable job.

Objectives :
1. To ensure maximum possible placements for students.
2. To equip the students with technical skills competencies imbibed with the spirit of professionalism.
3. To impart personality developement training to the students to face this competitive era.
4. To put Amrutvahini College of Engineering, Sangamner on the definite list of all reputed companies of India.

Activities Organized :
1. Value Added Courses-Technical/Non Technical
2. Soft Skills Development Programmes
3. Industrial Visits
4. Entrepreneurship Awareness Camp
5. Competitive Exam Cell for MPSC, UPSC, GATE etc
6. Industry-Institute Interaction
7. Sponsored Projects in the industry
8. Expert Lectures and workshops
9. In-Plant Training in various industries
10. Foreign Language (German, Japanese)

Fox Control Nashik Team Felicitation while campus recruitment

Facillities available:
1. The Career Development Center has a corporate office equipped with 2 Group Discussion Rooms, 5 Personal Interview Cabins, HR Lounge, Skype Interview Cabin, Video Conferencing Facility etc. which is as per Industry standards.
2. Two AC conference Halls (seating capacity of 200 each) equipped with DLP presentation & PA system for conducting seminars workshop & pre-placement talk. 3 Exclusive 300 Nodes for conducting online aptitude test. 4. Ultra modern guest house for the stay of corporate H.R. team.

Placement Activities :
1. Career Development Center acts as a liaison with the corporate world and believes in maintaining a positive and interactive relationship with the corporate.
2. The activities involve facilitating the pre-placement talks and the planning and execution of the Campus Recruitements Program (CRP).
3. Assistance to the pre-final year students to undergo vocation in plant training of reputed industries and to take industry sponsored projects that are secured from the industries for the benefit of final year students.
4. Correspondence/personal visits to various industries to build and maintain interpersonal relations.
5. Other activitis include : Periodic conduction of IQ tests, workshops of personality development, training programmes for students for aptitude tests, group discussion, personal interview, various competitive examinations and guidance for higher education.
6. Company specific training programs.

Career Development Center

Our Major Recruiters

Capgemini | tcs TATA CONSULTANCY SERVICES (Accredited in 2008) | Cognizant | Infosys | accenture | ABB | Winjit

KPIT | KSB | RENESAS | MITSUBISHI ELECTRIC | Mahindra | SANMAR | RISHABH INSTRUMENTS

RING AQUA | MUNRO TAILORING | wipro | DCB BANK | eQ Technologic | PiiComm StyR | Mindtree

Volkswagen | ORIANT | amdocs | JABIL | KESHAV | KONARK | AtoS Syntel

ANGLO-EASTERN | amazon | STATE STREET | winsoft | bitwise | Catalydd | BYJU'S

mindstix | Persistent | Tech Mahindra | Hexaware TECHNOLOGIES | IBM | Reliance Jio | MKCL

ETERNUS SOLUTIONS | e-Zest | Klassic Wheels | Netwin Infosolutions | CORIOLIS TECHNOLOGIES | Emtec | Nihilent

casepoint | CUBE | WebTech DEVELOPERS | LiDO | NP AV Net Protector | JanaMontes | @

Highlights of 2021-22

- Total Number of Companies Visited this year : 80+
- Total Number of Students Placed this year : 748+
- Highest Package Offered this year Domestic Placement : 14.00 LPA
- Highest Package Offered in International Placement : 19.28 LPA

Proud Alumni Placed at International Level (Japan) through Japanese Language

Total 22 Students are placed in Japan (23 LPA to 70 LPA Package)

Placed Students in the Academic Year 2021-22

Cognizant

Rutuja Havare – Cognizant	Gher Abhijit – Cognizant	Bhalerao Kaveri – Cognizant	Bhamare Bhagyesh – Cognizant
Bhamare Ketan – Cognizant	Bhand Sukanya – Cognizant	Bhandwalkar Vaibhav – Cognizant	Dokhe Mayur – Cognizant
Dongare Tushar – Cognizant			

Gadge Ankush – Cognizant, Mhaske Ajit – Cognizant, Mahajan Vaishnavi – Cognizant, Lad Sarvesh – Cognizant, Kute Akshay – Cognizant, Kulkarni Girish – Cognizant, Khatal Priyanka – Cognizant, Jadhav Sourabh – Cognizant, Jadhav Siddharth – Cognizant

Surabh Dange – Cognizant, Gunjal Gaurav – Cognizant, Andhale Supriya – Cognizant, Avhad Tejas – Cognizant, Patil Sagar – Cognizant, Patil Sanket – Cognizant, Pawar Pratik – Cognizant, Pawar Punam – Cognizant, Phatangare Manish – Cognizant

Sadgir Rushikesh – Cognizant, Sahane Vivek – Cognizant, Sanap Sagar – Cognizant, Shirsath Prafull – Cognizant, Sonwane Aniket – Cognizant, Sodnar Mangesh – Cognizant, Pankaj Ghumare – Cognizant, Harshada Gorde – Cognizant, Pawar Punam – Cognizant

TCS

Shivani Satpute – TCS, Kanawade Swaraj – TCS, Wakchaure Shivkumar – TCS, Shinde Santwani – TCS, Shelke Mrunal – TCS, Phatangare Aniruddha – TCS, Wipro, Pagare Samiksha – TCS, Mhase Mahesh – TCS, Kandalkar Rahul – TCS

Kanawade Rahul – TCS, Indurkar Yash – TCS, Mayuri Dighe – TCS, Kanawade Rahul – TCS, Shelke Vishal – TCS, Mhase Mahesh – TCS, Ganesh Bhadakwan – TCS, Dighe Akash – TCS, Gangawane Vedant – TCS

Wipro

Bhagyashri Joshi – Wipro, Shruti Karpe – Wipro, Akanksha Khatode – Wipro, Pranjali Revadkar – Wipro, Rahul Lahamte – Wipro, Pallavi shingote – Wipro, Prachi Bambere – Wipro, Nehe Minakshi – TCS, Wipro, Autade Akshada – Wipro

Bairagi Gaurav – Wipro, Bhingare Monali – Wipro, Borhade Abhishek – Wipro, Datkhile Samiksha – Wipro, Erande Pradip – Wipro, Jawale Vipul – Wipro, Jaybhaye Abhishek – Wipro, Shelar Sahil – Wipro, Shaikh Asim – Wipro

Pradhan Shubham – Wipro, Patil Hrushikesh – Wipro, Nawale Pratik – Wipro, Mundhe Ganesh – Wipro, Landge Mayur – Wipro, Thorat Akanksha – Wipro, Tupe Atul – Wipro, Walzade Akash – Wipro, Shinde Vikrant – Wipro
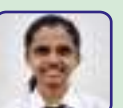
Kishori Bhalerao – Wipro, Pooja Gorde – Wipro, Vaishnavi Gaikwad – Wipro, Bhagwat Shivam – Wipro, Akanksha Bhomale – Wipro, Abhishek Dhekane – Wipro, Prachi Deshmukh – Wipro, Kolhe Kunal – Wipro, Ravikiran Bhanage – Wipro

Infosys

Vaibhav Gade — Infosys	Yogesh Gorde — Infosys	Inamdar Sohel — Infosys
Patil Rushikesh — Infosys	Walunj Sandesh — Infosys	Lalit Patil — Infosys
Meghana Landge — Infosys	Poonam Sanap — Infosys	Pokharkar Akshay — Infosys
Shubham Kasar — Infosys	Dipak Wadage — Infosys	Borse Rohit — Infosys
Patil Chetan — Infosys	Patil Shyam — Infosys	Vaishnavi Kokane — Infosys
Avinash Gulve — Infosys	Sanket Pawar — Infosys	Kasliwal Vrushabh — Infosys
Waghamare Tejaswini — Infosys	Kontam Nisha — Infosys	Sonawne Samrat — Infosys
Anushka patil — Infosys	Mulay Tanmay — Infosys	Tejasvi Sonawane — Infosys
Kavita Mungase — Infosys	Gauri Vadak — Infosys	Annasaheb Landge — Infosys, Connectwell
Vaibhav Bodakhe — Infosys	Pawar Pratik — Infosys	Patil Hrushikesh — Infosys
Dhanashree Gadakh — Infosys	Priyanka Kagane — Infosys	Adesh Domade — Byju's
Omkar Ingale — Byju's	AkshayKumar Deshmukh — Byjus	Payal Dhaygude — Bujus

Capgemini

Vivek Hadole — Capgemini	Rushikesh Walunj — Capgemini	Pratik Nagare — Capgemini
Pratiksha Malunjkar — Capgemini	Sarika Wagh — Cognizant	Yogita Shinde — Capgemini
Bankar Dignesh — Capgemini	Bhoknal Shubham — Capgemini	Bobade Abhishek — Capgemini
Chavan Shubham — Capgemini	Patil Nikhil — Capgemini	Sawalekar Chintan — Capgemini
Sangle Dadasaheb — Capgemini	Sukate Pravin — Capgemini	Abhijeet Landge — Capgemini
Shubham Gavade — Capgemini	Kalaskar Harsh — Capgemini	Pawar Achal — Capgemini
Shivani Mahale — Capgemini	Saloni Naikwadi — Capgemini	Atharva Murumkar — Capgemini
Siddhant Gaikwad — Capgemni	Adnan Shaikh — Capgemni	Surabhi Navale — Capgemini
Shivam Malwade — Capgemini	Shinde Ravindra — Capgemini	Shelke Deepak — Capgemini, Wipro
Shenkar Rushikesh — Capgemini	Akash Narwade — Capgemini	Adnan Shaikh — Capgemni
Aniket Dangat — Capgemini	Sadgir Rushikesh — Cognizant	Gonge Yash — Capgemini
Badhe Shubham — Capgemini	Shelar Prasad — Capgemini	Nakul Gunjal — Mindtree

Visit website for remaining students placements **www.avcoe.org.**

Amrut Meritorious Scholarship Achievers

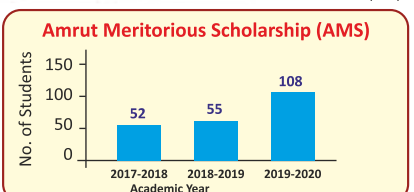|		
Shinde Dipashri — FE Common (9.86)	Deshmukh Saurabh — FE Common (9.77)	Bagade Suyash — FE Common (9.77)
Chaudhari Shivani — FE Common (9.63)	Kote Prerna — FE Common (9.59)	Chavan Suresh — FE Common (9.59)
Patil Aachal — FE Common (9.54)	Pote Priyanka — FE Common (9.54)	Dhage Shubham — FE Common (9.54)
Nehe Pooja — SE Electronics (9.88)	Dighe Komal — SE Civil (9.8)	Gulave Avinash — SE Civil (9.56)
Kokane Amol — SE Civil (9.68)	Kokane Vaishnavi — SE Civil (9.64)	Ugale Shubham — TE Civil (9.65)
Gawali Rajeshri — TE Civil (9.56)	Navale Neha — SE Electronics (10)	Bhangare Monali — SE Electronics (9.84)
Narkhede Dnyandev — SE Electronics (9.8)	Deshmukh Jyotsna — SE Electronics (9.8)	Kolhe Nikita — SE Electronics (9.76)
Godase Depika — SE Electronics (9.7)	Nawale Surbhi — SE Electronics (9.68)	Walve Ravina — SE Electronics (9.64)

Amrut Meritorious Scholarship (AMS)

No. of Students vs Academic Year

Academic Year	No. of Students
2017-2018	52
2018-2019	55
2019-2020	108

Rs. 1000/- per month is given as a scholarship to the students who scores more than 9.5 SGPA for a semester only. The above graph shows the no. of students are selected year wise for **Amrut Meritorious Scholarship** in last four years.

अमृतवाहिनीचे ३८ विद्यार्थी एमपीएससी परीक्षा उत्तीर्ण

अमृतवाहिनीत शिक्षक गुणवत्ता सुधारणा कार्यक्रम यशस्वी

अमृतवाहिनीच्या 'मेधा' नियतकालिकास तिसऱ्यांदा पुरस्कार

अमृतवाहिनीत मोरेंच्या काव्यधारांनी रसिक मंत्रमुग्ध

माजी विद्यार्थी 'अमृतवाहिनी'ची संपत्ती : थोरात

'कॅपजेमिनी' कंपनीत अमृतवाहिनी इंजिनिअरींगच्या १११ विद्यार्थ्यांची निवड

'अमृतवाहिनी इंजिनिअरिंग'ला 'ए प्लस'

अमृतवाहिनी अभियांत्रिकीस अटल प्रोमिसिंग इन्स्टिट्यूट मानांकन

अमृतवाहिनीचे डॉ. जे. बी. गुरव यांना भारत सरकारचे पेटंट बहाल

'अमृतवाहिनी'च्या विद्यार्थ्यांची निवड संस्थेसाठी अभिमानास्पद

अमृतवाहिनी इंजिनिअरिंग कॉलेजच्या विद्यार्थ्यांचे राष्ट्रीय मॅरेथॉन स्पर्धेत सुयश

अमृतवाहिनीच्या १४६७ विद्यार्थ्यांना आंतरराष्ट्रीय कंपन्यांमध्ये नोकरी

'अमृतवाहिनी'च्या ५९० विद्यार्थ्यांना नोकऱ्या

संदीप देशमुख 'सेट' उत्तीर्ण

अमृतवाहिनी कॉलेजमध्ये कार्यशाळा संपन्न

'अमृतवाहिनी'च्या तीन विभागांना 'एनबीए'चे मानांकन

Amrut Canon Group got 3rd Prize in Amrut Project Exhibition held at AVCOE

Team Tripod won 2nd Prize of **Rs. 1 Lac** in **Hackathon** organized by SPPU,Pune

Awarded as **"Energy Efficient Unit"** in 21st National Energy Award for Excellence in Energy Management 2020 Organized by Confederation of Indian Industry(CII)

Mr. Rohan Kulkarni & Mr. Tejas Bidwei Participated in **ASEAN-India Hackathon** was organised by the GoI Ministry of Education in collaboration with Ministry of External Affairs from 1-4 February 2022

Team Kurukeshtra selected & participated in Final Regional Convention of **AICTE** Chhatra Vishwakarma awards 2020
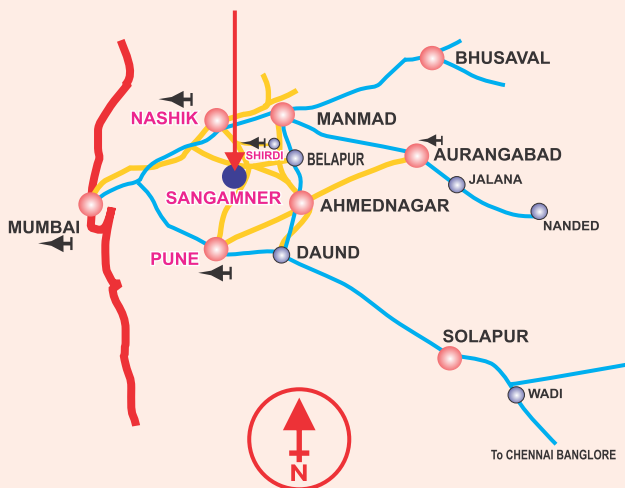
AWARDS

Convocation

International Workshop

Eminent
Personalities

Amrutvahini College of Engineering
Location Map of College

The College campus is located

- 5 kms from Sangamner town towards Nasik National Highway.
- 60 kms from Nashik City
- 50 kms from Shirdi (Shrine of Shri Saibaba)
- 150 kms from Pune
- 260 kms from Mumbai
- 56 kms from Nashik Road Railway Station (Central Railway)
- 60 kms from Belapur (Shrirampur) Railway Station (Central Railway)
- 90 kms from Manmad Railway Station (Central Railway)
- 100 kms from Ahmednagar Railway Station (Central Railway)

Amrutvahini College of Engineering

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