

NEWSLETTER

DEPARTMENT OF SCIENCE AND HUMANITIES

Session 2019-20

From HOD's Desk

The department is committed to impart quality education to the platform for engineering education. The department has core laboratories under its jurisdiction with global standards to cater to the demand of the contemporary technical education. Spacious and well illuminated classrooms are designed with aesthetic and functional aspects.

The Department is equipped with full fledged, experienced and highly academic oriented faculty. The subject taught by department are of leading significance for strengthening the fundamental and development of budding engineers to make them well equipped for the present and future scenario. As a result of its continuous, sincere and result oriented efforts as a team, the department has been witnessing excellent results consistently over the years. Staff members often undergo various faculty development program, participate in various seminars, NPTEL courses, workshops for upgrading their level of knowledge. The department has been taking every opportunity to reach higher levels of teaching excellence and is assisting the students to excel in their studies.

The first-year curriculum makes students well verse and conversant with basics of engineering profession. Overall the department has tried its best to maintain the quality and discipline among the students.



Dr. N. V. Shirbhate

Vision

To impart quality professional education for creating reputed technocrats and entrepreneurs to meet industry standards and requirements.

Mission

To create quality education towards professional excellence.

To imbibe advanced knowledge in applied areas of engineering and technology.

To remain updated with contemporary technology and develop managerial skills.

To technical expertise along with professional ethics as per societal needs.

PO's

1) Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2) 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

3) 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.

4) 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.

5) 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.

6) The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7) 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.

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

9) Individual and teamwork: Function effectively as an individual, and as a member or leader in diverse teams, and in multi disciplinary settings.

10) 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.

11) 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 multi disciplinary environments.

12) 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.

Student's Achievements

Sr. No.	Name of Student	Event	Prize
1.	Siddhesh J. Nandurkar	Web App Design (Vidyotan 2020)	I rank
2.	Siddhesh J. Nandurkar	Avishkar 2019	I rank
3.	Ms.Shreya Shelke	SGBAU Essay Compitition	I rank
4.	Ms. Radha Gogal	SGBAU Essay Compitition	III rank
5.	Huvishk Surwade	Intercollegiate Taekwondo	Bronze Medal
6.	Ms. Monal Biwagade	Box-Cricket	Runner-up
7.	Ms.Kalyani Kharade	Box-Cricket	Runner-up
8.	Harshal Dhigade	Box-Cricket	Runner-up
9.	Prasham Shah	Box-Cricket	Runner-up
10.	Harshal Dharpure	Digital Treasure Hunt	Runner-up
11.	Ms. Anuja Sawarkar	Digital Treasure Hunt	Runner-up
12.	Vedant Talokar	Box-Cricket	Runner-up

Pride of Department



Toppers of Winner– 2019

Sr. No.	Session	Semester	Name of Topper
1	2019-20 (W) A	I sem	Ms. Shreya Shelke
2	2019-20 (W) B	I sem	Ms. Rutika Khedkar

Toppers of Summer – 2019

Sr. No.	Session	Semester	Name of Topper
1	2018-19 (S) A	II sem	Ms. Avantika Damdhar
2	2018-19 (S) B	II sem	Ms. Avantika Damdhar

Staff's Achievement



Heartily Congratulations to Dr. N. V. Shirbhate for getting recognized as Ph.D. Supervisor at Sant Gadge Baba Amravati University Amravati

&

Also Been Nominated as a Member of Board Of Studies in Humanities and Applied Science



Heartily Congratulations to Dr. S. V. Tambakhe upon Completion of her Ph. D.



Heartily Congratulations to Dr. M.R. Ugale

Been Nominated as a Member of Board Of Studies in Humanities and Applied Science

&

for getting recognized as Ph.D. Supervisor at Sant Gadge Baba Amravati University Amravati

NPTEL Courses Successfully Completed by Staff Members:

Sr.No.	Name	Total NPTEL courses completed successfully	Course Title
1	Dr. N. V. Shirbhate	03	Solid State Physics Semiconductor Optoelectronics Online Refresher course on Skills for New Educational Architecture
2	Dr. P. R. Malasane	01	Engineering Thermodynamics
3	Prof. Mrs. A. J. Pande	02	Ordinary and Partial Differential Equation and Applications Transform Calculus and its Applications in Differential Equation
4	Dr. M.R. Ugale	02	Ordinary and Partial Differential Equation and Applications Transform Calculus and its Applications in Differential Equation
5	Dr. S.V. Tambakhe	02	Online Refresher course on Skills for New Educational Architecture Online refresher course on Chemistry for higher education faculty
6	Dr. G. B. Tayade	02	Ordinary and Partial Differential Equation and Applications Transform Calculus and its Applications in Differential Equation
7	Dr. N. D. Sahu	02	Ordinary and Partial Differential Equation and Applications Transform Calculus and its Applications in Differential Equation
8	Dr. S. M. Borikar	02	Ordinary and Partial Differential Equation and Applications Transform Calculus and its Applications in Differential Equation
9	Dr. P. S. Deshpande	03	Solid State Physics Semiconductor Optoelectronics Solar Photovoltaics Fundamental, Technology and Applications
10	Dr. K. V. Pawar	01	Ecology and Environmental
11	Prof. Ms. M. R. Jadhao	02	Analytical Chemistry Metals in Biology

12	Prof. Mrs. S.M. Seikdar	02	Ordinary and Partial Differential Equation and Applications Transform Calculus and its Applications in Differential Equation
13	Prof. Ms. S. D. Kharbade	02	Semiconductor Optoelectronics Solar Photovoltaics Fundamental, Technology and Applications
14	Prof. Ms. R. G. Kela	01	Technical English For Engineers

• Student Activities

Induction Program conducted on 7th Aug to 14th Aug 2019



Inauguration of Induction Program



Shri Jagdish Bhau Gupta (President) guided the students



Dr. S.M. Kherde guided the students (Principal)



Dr.N.V.Shirbhate guided the students (H.O.D. – Science and Humanities)



Dr.A.P.Thakare guided the students (Degree Program Cordinator)



Prof S.V. Potdar guided the students (T & P Officer)



Students Present in Hall



Parents Present in Hall

Celebration of National Science Day on 28th Feb 2020
(Topic : Journey of Chandrayan 2)



Inauguration of National Science Day



Felicitation of Guest



Presentation by Guest



Students and Staff Members Present in the Hall

Established Research Mathematics Lab in the month of December 2019



WALL MAGAZINE 2019-2020



Shot on Y93
fivo AI camera

Parents Meet

Parents Meet Conducted on 14th March 2020



Registration Desk



Felicitation of guest



Address by Dr. S.M.Kherde (Principal)



Address by Dr.N.V.Shirbhate (Head of Department)



Address by Mr. Surendra Deshmukh (Guest)



Parents present in meeting hall



Interaction of Parents



Interaction of Parents



Vote of Thanks by Prof.M.R.Jadhao

**Celebrating Event Yoga & Meditation held on 03rd
March to 05th March 2020**



About Institute



The Sipna College of Engineering & Technology (SCOET) was started in July 1999 to provide professional education to the students in the region and around. The College is located in Amravati, an educational hub of Maharashtra.

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

The Institute is accredited by IAO and Certified by ISO 9001:2015 (Quality Management System), ISO 14001:2015 (Environment Management System) & ISO 17025:2005. National Assessment & Accreditation Council (NAAC) accreditation is another feather in the cap for the institution and it has received an 'A' Grade. We are the first institute in Maharashtra to get accredited under the new scheme- 2018. Under the AICTE Margadarshan scheme, Sipna College of Engineering & Technology, Amravati is "A Mentee Institute" of College of Engineering, Pune (COEP).

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

