



Open Elective Courses (OE):

Generic Elective (GE) or Open Elective (OE): Under NEP 2020, multidisciplinary education is encouraged through the introduction of Open Elective courses in undergraduate programs from the 3rd to the 5th semester. These courses allow students to explore subjects beyond their core discipline. Open Electives are typically chosen from faculties outside of Engineering and Technology to provide a broader, multidisciplinary learning experience.

Students must select a Generic/Open Elective course from the Institute's offered "Generic/Open Elective Course Basket" under any faculty.

Following are the Open Elective courses offered by the Institute.

S. N.	Open Elective-I Semester III	Course Code	Open Elective-II IV Semester	Course Code	Open Elective-III V Semester	Course Code
1	Digital Marketing	BTALOE01CS3T	International Human Rights System	BTALOE12CS4T	Advanced R Programming for Data Analytics in Business	BTALOE24CS5T
2	Organization Behavior and Psychology	BTALOE02CS3T	Operational Research Techniques	BTALOE13CS4T	Introduction to Stock Market and Data Analysis	BTALOE25CS5T
3	Soft Skills and Presentation Skills	BTALOE03IT3T	Cyber Law	BTALOE14IT4T	Intellectual Property Rights	BTALOE26IT5T
4	Industry 4.0	BTALOE04IT3T	Operations Research	BTALOE15IT4T	Product Design in Startup & Innovation	BTALOE27IT5T
5	E Waste Management	BTALOE05ET3T	Non-Conventional Energy Sources	BTALOE16ET4T	Application of Drone Technology in Agriculture	BTALOE28ET5T
6	Aptitude & Reasoning	BTALOE06ET3T	Consumer Electronics	BTALOE17ET4T	Customer Relation Management	BTALOE29ET5T
7	Green Building Design	BTALOE07CE3T	Introduction to Vastu Shastra	BTALOE18CE4T	Physical Environment & Natural Resources	BTALOE30CE5T
8	Waste to Energy	BTALOE08CE3T	Air and Noise Pollution Control	BTALOE19CE4T	Environmental Policies and Governance	BTALOE31CE5T
9	Introduction to History of Indian Architecture	BTALOE09CE3T	Disaster Management	BTALOE20CE4T	Geology	BTALOE32CE5T
10	Industrial Safety	BTALOE10ME3T	Ergonomics	BTALOE21ME4T	Total Quality Management	BTALOE33ME5T
11	Quantitative Aptitude	BTALOE11SH3T	Industrial Costing	BTALOE22ME4T	Teamwork and Collaboration	BTALOE36AD5T
12	Emotional Intelligence	BTALOE34AD3T	Personal Effectiveness	BTALOE35AD4T	---	---

Syllabus of Open Electives offered by Department of:

1. Computer Science & Engineering

[Sem III & IV](#)

[Sem V & VI](#)

2. Electronics & Telecommunication Engineering

[Sem III & IV](#)

[Sem V & VI](#)

3. Information Technology

[Sem III & IV](#)

[Sem V & VI](#)

4. **Civil Engineering**
[Sem III & IV](#)
[Sem V & VI](#)
5. **Mechanical Engineering**
[Sem III & IV](#)
[Sem V & VI](#)
6. **Artificial Intelligence (AI) and Data Science**
[Sem III & IV](#)
[Sem V & VI](#)
7. **Science and Humanities**

Open Elective courses offered by the Institute V 1.0

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APPROVED in 1st
Academic Council Meeting
Dated: 31.08.2024



College of Engineering and Technology, Amravati
An Autonomous Institute Affiliated to Sant Gadge Baba Amravati University, Amravati)
(Accredited with 'A+' Grade by NAAC)
www.sipnaengg.ac.in



Co-Curricular Courses (CC): These courses help students develop a sense of identity, belonging, and respect for other cultures. Examples include National Service Scheme (NSS), Yoga, Health and Wellness, Sports, Cultural Activities, and different types of Arts like Fine, Applied, Visual, or Performing Arts.

The following are the Co-Curricular courses offered by the Institute.

Course Category: Co-curricular Courses (CC)		
Sr. No.	Course Name	Course Code
1	Music Vocal -I/II	BTALCC01SHWP/BTALCC02SHSP
2	Music Instrumental (Guitar)-I/II	BTALCC03SHWP/BTALCC04SHSP
3	Dance-I/II	BTALCC05SHWP/ BTALCC06SHSP
4	Basketball -I/II	BTALCC07SHWP/BTALCC08SHSP
5	Cricket -I/II	BTALCC09SHWP/BTALCC10SHSP
6	Volleyball-I/II	BTALCC11SHWP/BTALCC12SHSP
7	Language Sanskrit -I/II	BTALCC13SHWP/BTALCC14SHSP
8	Human psychology -I/II	BTALCC15SHWP/BTALCC16SHSP
9	Drama/ Theater Activity -I/II	BTALCC17SHWP/BTALCC18SHSP
10	Mindfulness Meditation Program-I/II	BTALCC19SHWP/BTALCC20SHSP
11	NSS-I/II	BTALCC21SHWP/BTALCC22SHSP
12	Yoga -I/II	BTALCC23SHWP/BTALCC24SHSP
13	Film Making - I/II	BTALCC25SHWP/BTALCC26SHSP


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