



AUTOMOBILE Engineering Department

PROGRAM OUTCOME

- Students will have ability to operate, maintain and troubleshoot automobile sub-components and assembly.
- Students will have ability to use IT and computer knowledge for improving the performance of automobile system. Ability to do research in fuel economy, alternate fuels and hybrid vehicle.

SKILL DEVELOPMENT PROGRAMS

- Autocad 2D, 3D.
- Engine Testing and Performance training.
- Emission Gas Analysis training
- Prototype study of different instrument.
- M/C Tool Training.
- Hand on use of field instrument
- Practical study of sensor
- Self-GATE coaching class

EXTRA CURRICULAR ACTIVITIES

- Project Based learning.
- Expert lecture by Eminent Faculties.
- Industrial visit.
- Video lecture for better understanding.

ADMISSION HELP LINE NO : 92 750 92 780

Vidyasabha Campus, Lathi Road, Amreli - 365601



CIVIL ENGINEERING DEPARTMENT

PROGRAM OUTCOME

- 1) Fundamental Knowledge of subjects.
- 2) Design Skills.
- 3) Professional Design Skills.
- 4) Lifelong Learning.
- 5) To provide a firm foundation in the basic math, science, and engineering sciences that underlie all technological development so our graduates will be well equipped to adapt to changing technology in the profession.

SKILL DEVELOPMENT PROGRAMS

Self- Gate coaching class.

Provide platform for competitive exam preparations.

Software Learning- Arc Gis, Auto Cad, Google earth , Q Gis, Arc Map

Hands on Designing and drafting skill

EXTRA CURRICULAR ACTIVITIES

- 1) professional skill development.
- 2) skill development workshop 's
- 3) Smart learning through NPTEL
- 4) Industrial visits
- 5) projects IDP/ UDP
- 6) Personality enhancement programme
- 7) Internships and industry collaboration

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COMPUTER ENGINEERING DEPARTMENT

PROGRAM OUTCOME

- Students Faculties provide teaching and learning environment where students can grow with the latest trends of the technology.
- Faculty member guide and support students to develop society useful applications. They enhancing the collaborative partnership between Industry, R&D organization and Institute for adaptation and research in latest technologies.

SKILL DEVELOPMENT PROGRAMS

- Microsoft Windows 8 and Windows 10
- Microsoft Office 2010
- Oracle 11g
- Visual Studio
- XAMP
- Apache TOMCAT
- PHOTOSHOP 7
- Open source software (Java, Python, PHP etc....)

EXTRA CURRICULAR ACTIVITIES

- Advanced level programming Webinar [NPTEL]
- Industry Defined Projects (IDP)
- Motivational Seminar
- Advanced and Basic Level Programming Workshop
- Internship Seminars and Industrial Visit
- Personality Development

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ELECTRICAL Engineering Department

PROGRAM OUTCOME

- 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.
- Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

SKILL DEVELOPMENT PROGRAMS

- PCB Design
- MATLAB simulink
- Different test on AC/DC Machines
- Practical study of Impulse Voltage & Corona
- Practical study of different test on Insulator
- Practical study of Transformer oil testing
- Self GATE Coaching class

EXTRA CURRICULAR ACTIVITIES

- Project Based learning.
- Expert lecture by Eminent Faculties.
- Technical and Non-Technical events.
- Industrial visit.
- Video lecture for better understanding.

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MECHANICAL Engineering Department

PROGRAM OUTCOME

- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.

SKILL DEVELOPMENT PROGRAMS

- Autocad 2D, 3D.
- Engine Testing and Performance training.
- Prototype study of different instrument.
- M/C Tool Training.
- Hand on use of field instrument
- Practical study of sensor
- Self-GATE coaching class

EXTRA CURRICULAR ACTIVITIES

- Project Based learning.
- Expert lecture by Eminent Faculties.
- Industrial visit.
- Video lecture for better understanding.

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