

1-1 R16

1) Mathematics-I

Outcomes:

After gaining knowledge of this course student must be able to

- write the matrix illustration of a hard and fast of linear equations and to investigate the answer of the gadget of equations
- find the eigen values and eigen vectors which encounter below linear ameliorations
- discover the intense values of features of variables with/ without constraints.
- Capable of become aware of whether or not the given first order de is exact or no longer.
- capable clear up higher order de's and follow them for fixing some real international troubles

2) ENGINEERING CHEMISTRY

Outcomes:

- pupil will exhibit an intensity of expertise and observe the strategies of inquiry in a discipline of their choosing and they will display a breath of expertise throughout their choice of varied disciplines.
- Student will reveal the potential to get admission to and interpret data, reply and adapt to changing conditions, make complicated decision, clear up problem and examine actions.
- Scholar will show attention and knowledge of the competencies important to live and paintings in a various engineering international.
- College students will benefit the easy expertise of electrochemical techniques associated with corrosion and it's manage.

- Pupil apprehend the easy houses of water and its usage in home and commercial functions.
- Pupil can learn the usage of vital standards to make predictions approximately the overall houses of substances.
- Pupil can predict capability packages of chemistry and sensible utility an excellent way to emerge as correct engineers and marketers.

3) ENGINEERING PHYSICS/ENGINEERING PHYSICS - I

Outcomes:

After crowning glory of this path the pupil is able to

- Pupil can recognize the importance of mild phenomena in skinny movies and backbone.
- Capable of look at precept, operating of diverse laser structures and slight propagation via optical fibers.
- Distinguish diverse crystal systems and apprehend atomic packing element.
- They understand the numerous defects in crystals.

4) PROFESSIONAL COMMUNICATION IN ENGLISH

Outcomes:

- Use English language effectively in spoken and written forms.
- comprehend the given texts and reply appropriately.
- talk with a bit of luck in formal and casual contexts.
- Enrichment of comprehension and fluency.
- Gaining confidence in using language

5) ENGINEERING MECHANICS

Outcomes:

- Student get without troubles recognize the resolving forces and moments for a given pressure gadget

- Scholar do an analyzation at the types of friction for shifting our bodies and troubles related to friction.
- Similarly they do decide the centroid and 2nd second of place
- Determine resultant of forces acting on a body and analyses equilibrium of a frame subjected to a machine of forces.
- Solve trouble of bodies subjected to friction.
- Locate the vicinity of centroid and calculate second of inertia of a given phase.
- Apprehend the kinetics and kinematics of a body undergoing rectilinear, curvilinear, rotatory movement and inflexible frame movement.
- Solve issues the use of work power equations for translation, constant axis rotation and plane motion and resolve issues of vibration.

6) BASIC ELECTRICAL AND ELECTRONICS ENGINEERING

Outcomes:

After this route, the scholar might be able

- To research and clear up troubles of electrical circuits the use of community laws and theorems.
- To discover and signify diodes and diverse kinds of transistors.
- This course introduce the concept of basic electrical engineering parameters, quantities ,analysis of AC and DC circuits ,the construction operation and analysis of transformers , DC and AC machines .
- It also gives knowledge about measuring instruments operation in detail.
- It introduce also about network analysis.

7) ENGLISH LANGUAGE COMMUNICATION SKILLS (ELCS) LAB

Outcomes:

- College students might be capable of better apprehend of nuances of English language thru audio- visual enjoy and institution activities

- Neutralization of accent for intelligibility
- They get an potential of speak me competencies with readability and confidence which in flip complements their employability abilities

8) ENGINEERING WORKSHOP

Outcomes:

On the stop of the direction, the pupil will be capable of:

- observe and practice on system tools and their operations.
- They do exercise on production of components the use of workshop trades which include pluming, becoming, carpentry, foundry, residence wiring and welding.
- They get information to pick out and practice suitable gear for one of kind trades of engineering tactics along with drilling, cloth disposing of, measuring, and chiseling.
- Practice the fundamental electric engineering expertise for residence wiring and get a potential to do practice on it.