B.TECH COMPUTER SCIENCE & ENGINEERING

I YEAR I SEMTER COURSE OUTCOMES

Mathematics-I

1. After gaining knowledge of this course student must be able to
2. Write the matrix illustration of a hard and fast of linear equations and to investigate the answer of the gadget of equations.
3. Find the proper values and proper vectors which encounter below linear ameliorations
4. Discover the intense values of features of variables with/ without constraints.
5. Capable of become aware of whether or not the given first order de is exact or no longer, capable clear up higher order and follow them for fixing some real international troubles

ENGINEERING CHEMISTRY

1. People 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.
2. 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.
3. Scholar will show attention and knowledge of the competencies important to live and paintings in a various engineering international.
4. College students will benefit the easy expertise of electrochemical techniques associated with corrosion and it does manage.
5. A person apprehends the easy houses of water and its usage in home and commercial functions.
6. Pupil can learn the usage of vital standards to make predictions approximately the overall houses of substances.
7. Pupil can predict capability packages of chemistry and sensible utility an excellent way to emerge as correct engineers and marketers.

ENGINEERING PHYSICS/ENGINEERING PHYSICS - I

1. After crowning glory of this path the pupil is able to
2. Pupil can recognize the importance of mild phenomena in skinny movies and backbone.
3. Capable of look at precept, operating of diverse laser structures and slight propagation via optical fibers.
4. Distinguish diverse crystal systems and apprehend atomic packing element.
5. They understand the numerous defects in crystals.

PROFESSIONAL COMMUNICATION IN ENGLISH

1. Use English language effectively in spoken and written forms.
2. Comprehend the given texts and reply appropriately.
3. Talk with a bit of luck in formal and casual contexts.
4. Enrichment of comprehension and fluency.
5. Gaining confidence in using language

ENGINEERING MECHANICS

1. Student get without troubles recognize the resolving forces and moments for a given pressure gadget.
2. Scholar does an analyzation at the types of friction for shifting our bodies and troubles related to friction.
3. Similarly they do decide the centroid and 2nd second of place.
4. Determine resultant of forces acting on a body and analyses equilibrium of a frame subjected to a machine of forces.
5. Solve trouble of bodies subjected to friction.
6. Locate the vicinity of centroid and calculate second of inertia of a given phase.
7. Apprehend the kinetics and kinematics of a body undergoing rectilinear, curvilinear, rotatory movement and inflexible frame movement.
8. Solve issues the use of work power equations for translation, constant axis rotation and plane motion and resolve issues of vibration.

BASIC ELECTRICAL AND ELECTRONICS ENGINEERING

1. After this route, the scholar might be able
2. To research and clear up troubles of electrical circuits the use of community laws and theorems.
3. To discover and signify diodes and diverse kinds of transistors.
4. This course introduce the concept of basic electrical engineering parameters ,quantities ,analysis of AC and DC circuits ,the construction operation and analysis of transformer DC and AC machines .
5. It also gives knowledge about measuring instruments operation in detail.
6. It introduce also about network analysis.

ENGLISH LANGUAGE COMMUNICATION SKILLS (ELCS) LAB

1. College students might be capable of better apprehend of nuances of English language thru audio- visual enjoy and institution activities.
2. Neutralization of accent for intelligibility
3. They get an potential of speak me competencies with readability and confidence which in flip complements their employability abilities

ENGINEERING WORKSHOP

1. Observe and practice on system tools and their operations.
2. They do exercise on production of components the use of workshop trades which include pluming, becoming, carpentry, foundry, residence wiring and welding.
3. 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.
4. Practice the fundamental electric engineering expertise for residence wiring and get a potential to do practice on it.