# *Suggestive Study Path for Information Technology Department*

| | First Semester | Second Semester | Third Semester | Fourth Semester | Fifth Semester | Sixth Semester | Seventh Semester | Eighth Semester |
|---|---|---|---|---|---|---|---|---|
| Humanity and Social Sciences including Environmental Studies (14) | ------- | Communication skill(05) (Total= 05) | Environment Studies 4+0+0 (Total=4) | PECL 3+0+0 (Total= 3) | | BI 2+0+0 (Total =2) | | |
| Basic Sciences (23) | EM I 3+1+0=4<br>Chem 3+0+1=4<br>(Total=8) | EM II 3+1+0=4<br>Phy 3+0+1=4<br>Biology 3+0+0<br>(Total= 11) | EM-III (4)<br>(Total=4) | ---------- | | | | |
| Engineering Sciences(25) | Workshop I 0+0+1=1<br>Graphics 3+0+1=4<br>Basics of ECTX 4+0+1=5<br>AM 3+0+1=4<br>(Total=14) | Workshop2 0+0+1=1<br><br>Basics of XXXX 4+0+1=5<br><br>(Total= 6) | | OOP 3+0+1<br>(TOTAL=4) | OPEN SOURCE LAB - 0+0+1<br>(Total=1) | | | |
| Professional Core<br><br>(82) | ------- | ------- | DE& MP 3+0+1<br>DS 3+0+1<br>CG 3+0+1<br>S/W LABI 0+0+2<br>(Total= 14) | DMS 3+1+0<br>DBMS 3+0+1<br>DCN 3+0+0<br>S/W LAB II- 0+0+1<br>(Total= 12) | CA 3+0+1<br>CN 2+1+1<br>SET 3+0+1<br>OS 3+0+1<br>(Total= 16) | TOC 3+1+0<br>ADBMS 3+0+1<br>MOC 3+0+1<br>(Total=12) | DM 3+0+1<br>IP 3+0+1<br>Cloud Computing 3+0+1<br>PROJECT I-02<br>(Total=14) | CNS 3+0+1<br>IOT 3+0+1<br>PROJECT II -06<br>(Total=14) |
| Professional Electives (20) | -------- | ------- | ------- | ------- | ERP /CO 4+1+0 (Total=5) | LOS/Distributed System 4+0+1 (Total=5) | CC/SC 4+0+1 ( Total=05) | IR/GIS 4+0+1 (Total=05) |
| Open Elective (12) | ------- | ------- | ------- | Basics of DS /Basics of CS 3+0+0 (Total 3) | | PPL/OMD 3+0+0 (Total =3) | ML 3+0+0 (Total =03) | Big Data & Analytics 3+0+0 (Total 3) |
| Mandatory Courses ( No Credits) | Any one | | NCC/NSS/ / Yoga | NCC/NSS/ Group | Seminar/ Group Discussion | In-plant training (Two week ) / Product Survey | Talent hour/ drama / Music / Instrument / | |
| Total Credits | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |