

S.E. Semester-IV
Choice Based Credit Grading Scheme with Holistic and Multidisciplinary Education (CBCGS-HME 2020)
TCET Autonomy Scheme (w.e.f. A.Y. 2022-23)

| Course Description | | | Teaching Scheme (Program Specific) | | | | | Examination Scheme (Academic) | | | | | |
|--------------------|----------------|--|---|----|-----|-------|--------------|--|----|--------------------|-----------|-----------|------|
| Sr. No . | Course Code | Course Title | Mode of Teaching /Learning/Weightage | | | | Credits | Modes of Continuous Assessment/Evaluation | | | | | |
| | | | Hours Per Week | | | | | Theory (100) | | Practical/ Oral | Term Work | Total | |
| | | | | | | | | 40 | 60 | | | | |
| | | | IA | | ESE | PR/OR | | TW | | | | | |
| | | | ISE | IE | | | | | | | | | |
| 1 | BSC –IT 401 | Applied Mathematics IV | 3 | 1 | - | 4 | 4 | 20 | 20 | 60 | - | 25 | 125 |
| 2 | ESC –IT 401 | Principles of Communication | 3 | - | 2 | 5 | 4 | 20 | 20 | 60 | 25 | 25 | 150 |
| 3 | PCC –IT 401 | Computer Organization and Architecture | 3 | 1 | - | 4 | 4 | 20 | 20 | 60 | 25 | 25 | 150 |
| 4 | PCC –IT 402 | Computer Network | 3 | - | 2 | 5 | 4 | 20 | 20 | 60 | 25 | 25 | 150 |
| 5 | PCC –IT 403 | Programming Skill II (Python) | 3 | - | 2 | 5 | 4 | 20 | 20 | 60 | 25 | 25 | 150 |
| | | Total | 15 | 02 | 6 | 23 | 20 | Total marks | | | | | 725 |
| Course Description | | | Non-Credited Mandatory Course (Passing is mandatory for this course) | | | | | | | | Term Work | | |
| 1 | MC-IT 401 | Value Education | 1 | - | - | 1 | (Non Credit) | - | | | 25 | 25 | |
| Course Description | | | Contact Hrs. during Week End / Semester Break/ End of Semester(Between 21st and 25th Week) | | | | | Internship : Non -Grant Term work based on the presentation and Report | | | | | |
| 1 | SI-IT 401 | Summer Internship | - | - | - | 160* | 4 | - | - | - | 50 | 50 | |
| Course Description | | | Contact Hrs. during Week End / Semester Break/ End of Semester(Between 21st and 25th Week)/During Semester | | | | | | | | | | |
| 1 | AP-IT 401 | Activity Points | - | - | - | 52@ | - | - | - | - | - | - | |
| Course Description | | | Teaching scheme (Holistic and Multidisciplinary Education) (Conducted in the beginning of Semester during first 3 Weeks) | | | | | Assessment/Evaluation Scheme | | | | | |
| | | | | | | | | Presentation | | Report | | Term Work | |
| | | | | | | | | AC | | AC | | | |
| 1 | ESD-IT 401 | Employability Skill Development - II | - | - | 30 | 30 | 1 | Based on Parameters Decided by Training and Placement Cell | | | | | 50 |
| 2 | HME-ITPS401 | Professional Skills IV (ASP.NET) | 15 | - | 30 | 45 | 2 | 50 | | 25 | | 75 | |
| 3 | HME – ITPBL401 | Project Based Learning II | - | - | 30 | 30 | 1 | 25 | | - | | 25 | |
| 4 | HME-ITABL401 | Activity Based Learning IV (Co-curricular OR Extra-curricular) | - | - | 30 | 30 | 1 | 25 | | 25 | | 50 | |
| | | Total | 15 | - | 120 | 135 | 5 | Total Marks | | | | | 200 |
| | | Total | | | | | 29 | Grand Total marks: | | | | | 1000 |

1. IA-In-Semester Assessment, ESE-End Semester Examination, ISE- In-Semester Examination , IE Innovative Examination PR- Practical Examination, TW – Term Work Examination, OR – Oral Examination, AC-Activity Evaluation.



Under IA - 20 marks: ISE to be conducted for 1 hour, 20 marks for IE . 60 marks ESE will be conducted for 2 hours.

* Students may go up to 160 hrs. to acquire maximum 4 credits. Students should collectively acquire total contact hrs in below given activities in a span of 1 year (3rd and 4th Semester). Students will submit a report to earn Term work marks in internship at the end of 4th Semester.

Following Activities should be considered for Summer Internship:-

1) Participation in an inhouse internship at the end of 3rd and 4th semester of 2 week each.

2) Other Activities which also will be considered are: Participation in the Hackathon, Development of new Product/ Business Plan / Registration of start-up, Participation in IPR workshop/Leadership talks/Idea/ Design / Innovation/Technical Expos, Internship with Industry / Govt. / NGO/ PSU/MSME/Online Internship, Long Term Goals under Rural Internship.

Note:- For the Above Activities mentioned in point 2, if the Student is part of the Organizing Committee or Participating in a Competition at University/State/National/international Level then it will be considered as an Internship else it will be considered as Activity Points.

@ As per AICTE, Students has to earn 100 Points by participating in 400 Hrs. of activities during 4 years of Engineering. After Completing 52 hrs. of Activities, Students can earn 12 Points. This Points will not be reflected in Grade Card. A separate transcript will be issued to students after completion of the Final Year.