

R.I.T. Rajaramnagar focuses on Interdisciplinary studies “Introduced Minor & Honor Certification in Academics”

Rajarambapu Institute of Technology (RIT), Rajaramnagar have a vision of developing new engineers to solve real-world problems, which are inherently interdisciplinary by nature. So, Changes in the curriculum have been emerged to fulfill the global requirements. Most industries today work on incorporating an idea of multiple Engineering disciplines in product development. Thus, it is necessary for the Engineering institutes to include interdisciplinary studies in undergraduate program. Looking to this Global Scenario, RIT, Rajaramnagar has taken an initiative to start Minor & Honor Certification in academics from year 2018-19. This is informed by Dr. Mrs. S. S. Kulkarni (Director—RIT) and Dr. S. K. Patil (Dean Academics—RIT). In Minor Certification Scheme Students can select courses offered by other Engineering programs. E.g. If Mechanical Engineering student selects courses from Civil Engineering under this scheme, he/she will get Major degree of Mechanical Engineering with minor degree of Civil Engineering. Objective of Minor Certification is that, Engineering students should gain knowledge of courses from other Engineering disciplines. In Honor Certification Scheme Students can select advanced courses from their respective branch in which they are perusing the degree. e.g. If Mechanical Engineering student selects advanced courses from same branch under this scheme, he/she will get Major degree along with Honor degree of Mechanical Engineering. Objective of Honor Certification is that, Engineering students should gain knowledge of advanced courses of their respective program. To get minor or Honor certification, aspiring student need to register for additional five THEORY courses and acquire additional maximum 15 credits for any ONE of the Schemes (either Minor or Honors). This Scheme has been started in 2018-19 at RIT, Rajaramnagar. In this year total 129 students have been registered for Minor Certification and 95 students have been registered for Honor Certification.

Total 59 Honor Certification courses and 62 Honor Certification Courses are offered by RIT (Including all Departments). While offering the courses under this Scheme, institute focused on current global scenario e.g. Automobile Department has offered subject like Electric Vehicles & Mobility, Electric Cars technology for Minor Certification. And courses like Introduction to Hybrid and Electric Vehicles are offered for Honor certification. Because, Electric cars are predicted to be the next disruptive market force for transportation and technology. Now a day's area like Internet of Things (IoT) has tremendous demand in atomized world. So, Computers Science and Information Technology departments have focused on courses like IoT and applications, Database Management systems, Embedded Systems, Robotics, Advanced Programming Languages etc. Mechanical Engineering Department offers basic courses for minor certification, which should be known by Engineers of any program. Along with this advanced course like Advanced Manufacturing Process, Robotics and Manufacturing, Advanced Foundry Technology are offered by this department. Electrical, Electronics and telecommunication departments has focused on courses like Industrial automation and control, Android App development, Biomedical Signal Processing. Whereas Civil Department has emphasized more on energy efficiency, Pollution control and waste management like Electronic waste management issues and challenges, Plastic waste management for Minor and Honor certification courses.

For more details visit to

<https://www.ritindia.edu/index.php/academics/academics-honor-minor>

