

7.1.10 Report on the student attributes facilitated by the Institution

S.NO	Student Attributes	Contributing Factors
1.	Engineering Knowledge	<ul style="list-style-type: none"> • Curriculums provide strong foundation in engineering principles and concepts through core subjects and Electives. • Add-on course and NPTEL online courses
2.	Problem Analytic skill	<ul style="list-style-type: none"> • Problem-based learning (Problematic Subjects) where students are presented with problems to solve through tutorial hours, assignments etc
3.	Design/ development of solutions for engineering problem	<ul style="list-style-type: none"> • Design-centric courses – students undertake mini – projects, projects, and internship where they must design and develop solutions for specific engineering problems
4.	Advanced Problem-Solving	<ul style="list-style-type: none"> • Through Honours and Minor degree courses can challenge students to gain knowledge in unfamiliar contexts and develop innovative solutions
5.	Modern tool usage	<ul style="list-style-type: none"> • Incorporation of the latest software, hardware, and technologies within the curriculum. Workshops, certifications, familiarize students with modern tools and technologies.
6.	Engineering Ethics and Society	<ul style="list-style-type: none"> • Curriculum Provide “Professional Ethics and Universal Humal Value” as a course to students. • Regular pledges on social concerns are taken every year.
7.	Engineering for a Sustainable Future	<ul style="list-style-type: none"> • Environment Science is a mandatory paper added in the curriculum. • Civil Engineering offers number of open elective courses in this context.
8.	Engineering Integrity	<ul style="list-style-type: none"> • Creating an environment that values honesty, transparency, and responsibility. This can be encouraged through a code of conduct, honor codes, and by setting examples through NCC and NSS. • Curriculum Provide “Professional Ethics and Universal Humal Value” as a course to students.
9.	Individual and teamwork	<ul style="list-style-type: none"> • Group projects and performing lab experimentation as team, can foster collaboration and communication skills.

		<ul style="list-style-type: none"> • Leadership and team management can also be parts of these exercises.
10.	Bridging Complex Ideas with Society and Peers	<ul style="list-style-type: none"> • Through Induction program, Project presentations, Seminars, where they can present their ideas and solutions to a broader audience.
11.	Project management and finance	<ul style="list-style-type: none"> • Protosem Course • Total Quality Management Course • Principles of Management courses are added in the curriculum
12.	Life-long learning	<ul style="list-style-type: none"> • Encouraging students to attend workshops, seminars, and conferences beyond the curriculum. • Students are encouraged to participate in other co-curricular activities and competitions. • Students host Test Fest. <p>These activities encourage students to have continuous improvement through opportunities for further education.</p>


PRINCIPAL
 GOVT. COLLEGE OF ENGG.,
 SALEM-636 011