Dr.B. C. Roy Engineering College, Durgapur

Department of Mechanical Engineering

Summarized Feedback

Mechanical Engineering Feedback (AY 2025-26)

This report synthesizes feedback from Course End, Semester End, Program End, and Student Satisfaction surveys for the Department of Mechanical Engineering. The data reflects a highly positive institutional climate, marked by strong academic delivery and high student confidence in program outcomes.

Academic Excellence & Teaching Quality

- **Curriculum Delivery:** Syllabus coverage is highly effective, with the vast majority of students reporting that 85% to 100% of course material is consistently completed across various subjects.
- **Instructional Quality:** Teaching methodologies are overwhelmingly perceived as "Excellent," with students explicitly praising faculty preparation, consistent communication of course outcomes, and the regular integration of ICT tools into lectures.

Program Outcomes & Professional Readiness

- **Technical Competence:** Graduating students display absolute confidence in their technical readiness, with 100% of surveyed students agreeing they are equipped to apply engineering fundamentals to solve complex, real-world problems.
- **Professional Skills:** The program effectively cultivates soft skills, with 100% of graduating respondents confirming their ability to function in diverse, multidisciplinary teams, communicate effectively, and uphold professional ethics.

Overall Student Satisfaction

- **Holistic Development:** Students acknowledge the department's robust efforts to provide holistic growth opportunities, noting active institutional promotion of internships, field visits, and extracurricular engagement.
- **General Satisfaction:** The institutional teaching-learning process is highly regarded, with nearly 60% of students strongly agreeing that the overall academic quality is exceptional.

Infrastructure & Operational Facilities

- **Academic Infrastructure:** Core academic facilities, predominantly classrooms, laboratories, and the library, are widely rated as "Excellent" or "Very Good" by the student body.
- **Actionable Areas:** While most campus amenities are well-received, auxiliary facilities such as internet connectivity and hostel accommodations received a small percentage of "Poor" ratings, identifying these as primary targets for targeted operational improvements.



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MECHANICAL ENGINEERING DEPARTMENT

DATE : 12.08.2026

Action taken report for Course End Feedback given by students for AY 2025-26

Based on the online feedback from student of ME department, the action taken are illustrated in the following table:

S. No	FEED BACK STATEMENT	ACTION TAKEN
1.	Teachers inform you about the relevance of the course to your discipline/stream and corresponding course outcomes and program outcomes.	Lesson plan is shared with the students in the beginning of each semester.
2	How much of the syllabus was covered in the class?	Syllabus is covered in accordance with the lesson plan.
3	The teacher's approach to teaching can best be described as	Students can approach teachers regarding their doubts any time during college hours.
4	The classroom/lab sessions were interactive	During class hour teachers interact with students to clear their doubts.
5	Fairness of the internal evaluation process by the teacher	Internal evaluation answer papers are discussed with the students.
6	Was your performance in Continuous Assessments (CA) & Practical Continuous Assessments (PCA) discussed with you?	Special remedial classes are arranged for students whose performance is not up to the mark in internal evaluation.
7	The teachers illustrate the concepts through examples and applications.	Faculties explain different topics through examples, practical applications in laboratory and through video clips.
8	The teachers identify your strengths and encourage you with providing right level of challenges.	During regular interaction with students teachers identify their strengths and place them in suitable project groups under the guidance of faculties.
9	Teachers are able to identify your weaknesses and help you to overcome them.	Students are motivated to improve their learning abilityfor their overall development.
10	Teacher used ICT tools (Projectors/Screens/Multimedia demonstration slides, Interactive online tools etc.) while teaching	Digital class room& ICT class room are regularly used for teaching.
11	The knowledge from the course can be applied to solve real life/industry specific problems/societal needs.	Students are engaged in industry related project by their project guides.
12	The overall quality of teaching-learning process of this subject is very good.	Students are advised to gather knowledge by continuous learning for sustainable development.

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Action taken report for Semester End Feedback given by students for AY 2025-26

Based on the online feedback from student of ME department, the action taken are illustrated in the following table:

S. No	FEED BACK STATEMENT	ACTION TAKEN
1	The overall syllabus coverage in the class is to an extent of	Special classes are arranged to cover maximum syllabus.
2	Teachers are prepared for the classes	Teachers are encouraged to participate in various FDPs, Conferences, Workshops, Seminars to enhance their skills.
3	Communication of the teachers in the class and outside the class is	During class hour teachers interact with students to clear their doubts. Faculty members are co-operative, helpful beyond class hours.
4	Overall learning environment in the classes and laboratories is	Faculties explain different topics through examples, practical applications in laboratory and through video clips.
5	Fairness of the internal evaluation process by the teachers is	Continuous assessment are conducted as per the Institute / university guidelines.
6	The performance in internal evaluations and laboratory experimentation is discussed with the students	Subject teachers identify weak students and pay special attention to them in remedial class.
7	The teaching and mentoring process in the department supports the development of your cognitive, social and emotional growth.	Students are always under the guidance of mentors from first year.
8	Teachers inform students about expected competencies course outcomes, program outcomes and overall system of outcome based education (OBE).	Lesson plan is shared with the students in the beginning of each semester.
9	Your mentor interacts with you to encourage on your strengths and counsel you to overcome your weakness by identifying them.	Regular counseling is done by mentors for their overall development.
10	The teachers illustrate the concepts through examples and applications and use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences.	Teachers explain different topics through examples and practical applications, often use computer aided method while teaching, also encourage students to participate and think in innovative way.
11	The institute takes active interest in promoting internship, field visit, organizes workshop/seminar/extracurricular/co-curricular activities and helps to inculcate soft skills, life skills and employability skills for the holistic development of the students.	Conduction of internship, Industry visit, workshop, seminar, conference are regular practice of the institute.

12	Percentage of teachers using ICT tools such as LCD projector, multimedia etc. while teaching.	Digital class room is regularly used for teaching.

Feedback on Facilities

13	Class room facility	All class rooms are airy & full of lights.
14	Laboratory facility	Continuous up gradation of Laboratories is the usual practice of this Institute.
15.	Library facility	Budget is increased to purchase more books and reputed journals recommended as per Institute / university updated syllabus.
16	Hostel facility	Good hostels are provided.
17	Sports facility	Every year indoor and outdoor games are organized.
18	Water facility	Clean water facilities are available in premises.
19	Cleanliness and Hygiene	Efforts are given to maintain cleanliness & hygiene in the campus. A good Medical unit is also present in the campus.
20	Canteen facility	Many homely and hygienic foods are included in the college canteen.
21	Internet facility	WiFirouters are installed and internet access is available to everyone.

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Action taken report for the Program End Feedback
for AY 2025-26

Based on the online feedback from student of ME department, the action taken are illustrated in the following table:

S. No	FEED BACK STATEMENT	ACTION TAKEN
1	Have you developed the ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineeringspecialization for the solution of complex engineering problems?	Special attention is given to improve in depth exposure of the core engineering subjects and fundamental knowledge.
2	Are you able to identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences?	Students are engaged in research based projects under the guidance of their respective project guides.
3	Did you attain the ability of designing solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmentalconsiderations?	Students are encouraged to design new systems considering social, economic, and environmental issues by following different norms.
4	Are you able to apply research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions?	Students are encouraged to read reputed journals available in the library and improve their learning skills.
5	Have you developed the ability to create, select, and apply appropriate techniques, resources, and modernengineering and IT tools including prediction andmodeling to complex engineering activitieswith an understanding of the limitations?	New subjects like Machine Learning, Mechatronics are already in course curriculum. Planning to include Artificial Intelligence & Robotics.
6	Can you apply reasoning informed by the contextual knowledge to assess societal,	Lecture from entrepreneurs, management schools or spiritual leaders is arranged

	health, safety, legal, and cultural issues and theconsequent responsibilities relevant to the professional engineering practice?	frequently in the institute premises for the benefit of students.
7	Are you able to understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and the need for sustainable development?	Students are specially trained in TPO cell as per the industry needs.
8	Do you apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice?	Students are encouraged to enroll in MOOCs courses related to ethics and principles.
9	Are you able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings?	Lectures are arranged from the management institutes to instigate their leadership quality and communication skills.
10	Can you communicate effectively on complex engineering activities with the engineering community and with the society at large,such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give andreceive clear instructions?	Students are encouraged to think and provide new solutions while doing projects.
11	Are you able to demonstrate knowledge and understanding of the engineering and management principles and apply these to ones work, as a member and leader in a team, to manage projects and in multidisciplinary environments?	Different workshops, conferences are organized regularly in college so that students can acquire knowledge.
12	Will you be able to recognize the need for, and have the preparation and ability to engage in independent and life-long learning inthe broadest context of technological change?	Students are advised to gather knowledge by self learning for sustainable development.



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Action taken report for Satisfaction Survey Feedback given by students for AY 2025-26

Based on the online feedback from student of ME department, the action taken are illustrated in the following table:

S. No	FEED BACK STATEMENT	ACTION TAKEN
1	How much of the syllabus was covered in the class	Special classes are arranged to cover maximum syllabus.
2	How well did the teachers prepare for the classes	All teachers are experienced and well prepared.
3	How well were the teachers able to communicate	During class hour teachers interact with students to clear their doubts. Faculty members are co-operative, helpful beyond class hours.
4	The Teacher's approach to teaching can best be described as	Faculties explain different topics through examples, practical applications in laboratory and through video clips.
5	Fairness of the internal evaluation process by the teachers	After each class test results are discussed with every students.
6	Was your performance in assignments discussed with you	Subject teachers identify weak students and pay special attention to them in remedial class.
7	The institute takes active interest in promoting internship, student exchange, field visit opportunities for students	Conduction of internship, Industry visit, workshop, seminar, conference are regular practice of the institute.
8	The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth	Students are under the guidance of mentors from very beginning.
9	The institution provides multiple opportunities to learn and grow	Regular seminars, workshops, international conferences are conducted for overall growth of students.
10	Teachers inform you about your expected competencies, course outcomes and program outcomes	Lesson plan is shared with the students in the beginning of each semester.
11	Your mentor does a necessary follow-up with a assigned task to you	Mentors regularly interact with students.
12	The teachers illustrate the concepts through examples and applications	Teachers explain different topics through examples and practical applications.
13	The teachers identify your strengths and encourage you with providing right level of challenges	During regular interaction with students teachers identify their strengths and place them in suitable project groups under the guidance of faculties.

14	Teachers are able to identify your weaknesses and help you to overcome them	After every class test weak students are identified and motivated accordingly.
15	The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process	Reviews are collected and action plan is made for quality improvement.
16	The institute/teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences	Teachers explain different topics through examples and practical applications, often use computer aided method while teaching, also encourage students to participate and think in innovative way.
17	Teachers encourage you to participate in extracurricular activities	Tech fest, cultural fest, sports are regularly organized in college.
18	Efforts are made by the institute/teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work	Students are specially trained in TPO cell as per the industry needs. Industry persons are invited regularly so that students can interact freely with them and gain knowledge regarding the skills needed.
19	What percentage of teachers use ICT tools such as LCD projector, multimedia etc. while teaching.	Digital class room & ICT class room are regularly used for teaching.
20	The overall quality of teaching-learning process in your institute is very good	Placement record for every year is satisfactory.

