

Dr. B. C. Roy Engineering College
Department of Civil Engineering

Ref.: BCREC/CE/DAC/SPL/2023-24

Date: 31.07.2023

A Special DAC meeting took place on 28th July, 2023 at 4:30 PM at the Third Floor Smart Classroom to discuss in details and finalize the Action Taken Report based upon Feedback on Academics, Feedback on facilities and Programme End Feedback (Exit Survey) taken for the Academic Year 2022-23. The feedback was submitted in the college website online by 184 students of the Civil Engineering Department across all the years. Following are the major points of the Action Taken Report:

Action Taken Report based upon Feedback on Academics for the AY 2022-23

Feedback related to acquiring new technical or scientific knowledge exhibited good adaptability in the teaching learning methodology. Students were able to apply the skills and knowledge for solving problems related to their field of study. Students have highly appreciated the teaching sessions which were effective and interesting. Students have agreed about the relevance of their prescribed syllabus and laboratory experiments as per current industry needs, and the availability of modern tools and facilities in the laboratory are as per the requirement. Feedback related to student mentorship and counselling process showed positive response. The overall communication skills of the students also improved. The students appreciated the opportunities provided for co-curricular and extracurricular activities. Positive responses were obtained from the students about the events (workshop/seminar/webinar etc.) conducted for the holistic development of the students and to bridge industry-academia gap.

1. The department has offered four Add-On courses across all the years and will continue to offer Add-On courses in future which will be beneficial in reducing the gap between the industry needs and academia.
2. Apart from the Add-On courses, students have been offered spoken tutorials on Python 3.4.3 and Qcad. In future, it has been decided that students will be offered courses on QGIS, LaTeX, Python programming.
3. In order to get a clear cut idea about the current need of constructional industries, several experts were contacted and consulted. As per their advice, students will be trained in 3D engineering softwares. e.g. REVIT.
4. Several activities and events like Seminar, Workshops, Interactive Sessions, Alumni Connect Programmes, site visits etc. have been conducted to cater to all round development of the students. In future, activity based calendar will be followed to arrange more such sessions and visits for holistic progress of the students.
5. It has been decided to motivate the students to participate in collaborative project works, work on tech models and participate in tech-fest and hackathons held at various organizations and industries.
6. The career counselling cell conducts group discussion sessions, spoken English classes and tries to improve the overall etiquette and communication skills of the students. It has also been decided that at the department level, proper counselling will be provided to final year



students to prepare them for placement opportunities and competitive exams like GATE, PSCs etc.

7. Students are encouraged to actively participate in various sports, NCC, NSS events along with karate and yoga sessions which are conducted for their all-round development.

8. The final year students are encouraged to undergo internships in reputed organizations to understand the need of the industry and prepare themselves to uplift their knowledge and skills to fit the society on completion of the course.

Action Taken Report based upon Feedback on Facilities for the AY 2022-23

Feedback on Academics was taken from the 1st to 4th year students for the Even Semester 2022-23. The feedback was submitted in the college website online by 198 students of the Civil Engineering Department.

Most of the students were highly satisfied with laboratory facility, library facilities, water facility, internet facilities and overall cleanliness. Students appreciated the sports facilities of the college.

Some suggestions made by the students as per the feedback:

1. The canteen facilities and internet facilities provided to the students needs improvement.
2. Feedback suggests that the hostel facility needs to be upgraded.
3. Positive response in sports facility of the college indicates upliftment in space.
4. As per the feedback, it has been observed that the 1st year canteen facility needs improvement and variation in food and proper cleanliness.

Following are the major points of the Action Taken Report:

1. Students were assured that their distress related to hostel and canteen will be raised at the appropriate platform, the problems (if any) will be rectified, and facilities will be enhanced at the earliest. The feedback will be communicated to Dean, Student Affairs such that the same can be taken up for rectification through the Hostel Council.

Action Taken Report based on Course End Feedback (Exit Survey) for 2023 Passout Batch

The Programme End Feedback (Exit Survey) was taken from the 2023 passout batch. The feedback was submitted in the college website online by the outgoing fourth year 55 students of the Civil Engineering Department. Most of the students were very satisfied with the various aspects of teaching-learning and various indices of overall academic development. 98.18% students felt that they have developed the ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialisation for the solution of complex engineering problems, 98.2% students agreed that they were able to identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions, 95.54% students felt that they were able apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice, 98.19% students felt that they were 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 and more than 98% students felt that they were




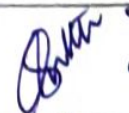
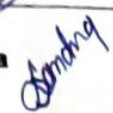
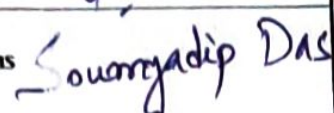



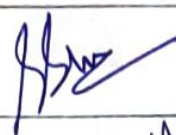


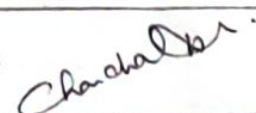


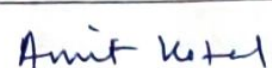


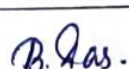

able to recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

In view of identifying the gap in the achievement of the Programme Outcome as per the requirement of various stakeholders, the feedback was taken from the 4th year pass-out batch. Following are the major points of the Action Taken Report:

1. To help undergraduate students understand the challenges and opportunities of the Industry, few lectures by working professionals. Industry experts and Researchers were arranged by the department from time to time. More such sessions will be conducted in future.
2. Few workshops have been arranged where the students were given training on popular Design softwares like Revit, SAP. The project work is being conducted from 3rd year onwards to improve the problem identifying, critical thinking and analytical ability of the students.
3. More career guidance oriented lectures and soft skill development sessions will be conducted for the holistic development of the students.
4. More industrial site visits and field visits are being conducted now. Also teachers have been advised to undertake more experiential teaching learning sessions.
5. The faculties are now using ICT for teaching learning purposes to create smart learning environment. Learning Management System has been applied in teaching to augment the learning atmosphere.
6. Technical Fest and program under IEI Student Chapter were conducted to groom the students and make them job ready and enhance their technical and interpersonal skills.
7. Add-On Courses have been introduced to bridge the knowledge gap and to make the students more skilled and for the extension activities for social and environment sensitization.
8. Slow Learners and Advanced Learners are given more attention according to their needs by arranging suitable remedial classes.
9. Faculty Development Programmes and faculty and staff training sessions have been conducted and more such programmes are planned in future for improvement of learning atmosphere.
10. Placement and guidance cell has been strengthened. Test Based Training (TBT) sessions for meritorious students and general training sessions for all the students are arranged on weekly basis to train the students for any kind of campus drive and job interview. Also more placement opportunities are being provided to the students in core and software sectors.



Signature of the members present in the DAC meeting held on 28 July 2023 :

| Sl. No. | Signature of the Faculty/TA | Sl. No. | Signature of the Faculty/TA |
|---------|--|---------|---|
| 1. | Dr. Sanjay Sengupta  | 11. | Dr. Sayantan Dutta  |
| 2. | Dr. Sabyasachi Chandra  | 12. | Soumyadip Das  |
| 3. | Arijit Kr. Banerji  | 13. | Koynndrik Bhattacharjee  |
| 4. | Md. Hamjala Alam  | 14. | Surajit Sen  |
| 5. | Dr. Shovan Roy  | 15. | Ajitesh Bhattacharjee  |
| 6. | Chanchal Das  | 16. | Anindita Sengupta  |
| 7. | Anindita Pan | 17. | Ayan Singha  |
| 8. | Amit Kotal  | 18. | Aditya Prasad Roy  |
| 9. | Pranoy Roy  | 19. | Barnali Das  |
| 10. | Anupam Kr. Biswas  | | |

Copy to:-

1. Principal, Dr. B. C. Roy Engineering College Durgapur

