

**Dr. B. C. Roy Engineering College, Durgapur**

**Civil Engineering Department**

**OFFICE NOTICE**

**17 August 2022**

A Special Departmental Academic Committee meeting will be held on 18th August 2022 at 04:40 PM at the First Floor Digital Classroom to discuss the following points:

1. Discussion and finalization of the Action Taken Report based upon Feedback on Academics, Feedback on facilities and Couse End Feedback taken for the Academic Year 2021-22.
2. Miscellaneous.

This meeting has been arranged with the permission of the competent authority.



*Md. Hamjara Alam (H. Alam)*

(Md. Hamjara Alam)

Convener

Departmental Academic Committee

Dept. of Civil Engineering

BCREC

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

Ref.: BCREC/CE/DAC/MOM-2/2022-23

Date: 22.08.2022

A Special DAC meeting took place on 18<sup>th</sup> August 2022 at 4:40 PM at the First Floor Digital Classroom to discuss in details and finalize the Action Taken Report based upon Feedback on Academics, Feedback on facilities and Course End Feedback taken for the Academic Year 2021-22. The feedback was submitted in the college website online by 240 students of the Civil Engineering Department including 29 students of first year, 64 students of second year, 62 students of third year and 85 students of fourth year, which accounts for almost the entire strength of all the four years of the department. Following are the major points of the Action Taken Report:

**Action Taken Report based upon Feedback on Academics for the AY 2021-22**

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.

1. The department has decided to offer Add-on certificate courses across all years which will be beneficial in reducing the gap between the industry needs and academia.
2. It has been decided to motivate the students to participate in project works, work on tech models and participate in tech-fest and hackathons held at various organizations and industries.
3. The career counselling cell conducts group discussion sessions, spoken English classes and tries to improve the overall body language of the students. Proper counselling through training are conducted for the senior students to prepare themselves for placement opportunities and prepare for competitive exams like GATE, CAT etc.
4. Students have actively participated in various sports, NCC, NSS events along with karate and yoga sessions conducted for their all-round development.
5. Student participation in the workshops/seminars/webinars organized by the institution to bridge industry academia gap enlightened good response. Moreover it has been decided to conduct regular site visits and industry visits to generate interest among the students in regards to the application of domain knowledge in real life.
6. It has also been decided to conduct seminars, workshops, tech-quiz etc. through local chapters by the students, which will help them to work as a team and generate new and innovative ideas for making the events attractive and successful.



7. The senior 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 2021-22**

Most of the students were very satisfied with the various facilities like laboratory facility, library facility, Hostel facility (if applicable), Sports facility, Water facility, Cleanliness and Hygiene facility.

Suggestions from students:

1. While most of the students were satisfied, few students felt that the canteen facility is not upto the mark and needs little improvement.
2. Few students also suggested that the internet facility has to be improved in terms of speed and connectivity.
3. Few 1st year students (17.24% to be precise) had some issues with the hostel facility.

Following are the major points of the Action Taken Report:

1. It was assured to the students that the issue faced by them regarding hostel, canteen and internet facilities will be raised at the appropriate platform and the problems (if any) will be tried to be sorted out as soon as possible.

#### **Action Taken Report based on Course End Feedback (Exit Survey) for 2022 Passout Batch**

The Course End Feedback was taken from the 2022 passout batch. The feedback was submitted in the college website online by the outgoing fourth year 85 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. 98.8% 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, 97.78% students felt that they were able to apply research-based knowledge and research methods including design of experiments, analysis and interpretation of data, 97.77% students felt that they were able to understand the impact of the professional engineering solutions in societal and environmental contexts, 98.89% students felt that they were able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings and more than 94% students felt that they were able to communicate effectively and were able to demonstrate knowledge and understanding of the engineering and management principles and apply these to one's work to engage in independent and life-long learning in the broadest context.

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 4<sup>th</sup> year pass-out batch. Following are the major points of the Action Taken Report::


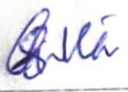

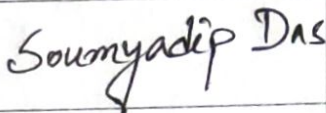


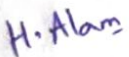

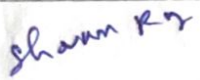









1. To help undergraduate students understand the challenges and opportunities of the Industry, few lectures by working professionals were arranged by the department from time to time.



2. Few workshops have been arranged where the students were given training on popular design softwares like Revit. The project work is being conducted from 3<sup>rd</sup> year onwards to improve the problem solving, critical thinking and analytical ability of the students.
3. More career guidance oriented lectures and soft skill development sessions were conducted and a lot of reading materials on these areas has been included in the library.
4. More industrial site visits and field visits are conducted now. Also teachers are asked to undertake more experiential teaching learning sessions.
5. The faculties are now using ICT for teaching learning purposes to create smart learning environment.
6. Tech Fest was conducted to make the students 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 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.



Signature of the members present in the DAC meeting held on 18/08/2022

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.	Koyndrik 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 