Gmail **suman bhattacharjee <suman.bhattacharjee@bcrec.ac.in>**

A departmental meeting will be held on Tuesday (21.05.2024) from 3:30 pm at OBE Lab 1

1 message

moumita pradhan <moumita.pradhan@bcrec.ac.in> Mon, May 20, 2024 at 4:22 PM
To: suman bhattacharjee <suman.bhattacharjee@bcrec.ac.in>, "Mr. Debojyoti Saha" <debajyoti.saha@bcrec.ac.in>, "Mr. Sandip Chakraborty" <sandip.chakraborty@bcrec.ac.in>, "Mr. Rupak Kumar Ghosh" <rupak.ghosh@bcrec.ac.in>, "Mr. Basudev Chakraborty" <basudev.chakraborty@bcrec.ac.in>, "Prof. Manas Kumar Roy" <manas.roy@bcrec.ac.in>, "Prof. Md. Keramot Hossain Mondal" <keramot.hossain@bcrec.ac.in>, Dinesh Pradhan <dinesh.pradhan@bcrec.ac.in>, "Prof. Prabal Kumar Sahu" <prabal.sahu@bcrec.ac.in>, ram prasad Chakraborty <durgapurblog@gmail.com>, santanu goswami <santanu.goswami@bcrec.ac.in>, "Prof. Paramita Manna" <paramita.manna@bcrec.ac.in>, "Prof. Priyanka Roy" <priyanka.roy@bcrec.ac.in>, moumita pradhan <moumita.pradhan@bcrec.ac.in>

Respected Sir/Madam,
A departmental meeting will be held on Tuesday (21.05.2024) from 3:30 pm onwards at OBE Lab 1.
The agenda of the meeting is as follows:

1. Preparation of Action taken report (ATR) based on student feedback of odd semester (2023-24).
2. Nominating the best student of 2024 passout batch for best student award.
3. Discussion on MAR/MOOCs point submission.
4. Discussion related to attendance of even sem students.
5. Progress of B.Tech Projects (Standing agenda).
6. Continuous maintenance of documentation for accreditation and other purposes (Standing agenda).
7. Identifying the deficiencies in Graduate Attributes, weak and strong students and corresponding remedial actions (Standing agenda).
8. Any other agenda raised by committee members for discussion.

All faculty members and staff members are requested to attend the meeting.

Thanking you
Dr. Moumita Pradhan
(Convener of DAC / PAQIC)

Department of Information Technology
Dr. B. C. Roy Engineering College Durgapur

Action Taken Report

Academic Year **2023-2024**

A DAC/PAQIC meeting was convened on 21st May 2024, at 03:30 pm in IT OBE LAB-1, to deliberate on the Action Taken Report, drawing from the feedback on academics, facilities, and course end feedback for the Academic Year **2023-2024** ODD Semester. The collective feedback, provided online by 156 students of the department has led to notable enhancements, with some actions being further streamlined for continuous improvement:

1. **Software Availability in Laboratories:**
    - The list of free software for emerging technologies has been beneficial for students.
    - Regular updates on the available software are communicated to students.
2. **Updates on Emerging Technologies:**
    - Periodic updates on the latest trends in emerging technologies have been effective.
    - Updates are now provided by subject-specific teachers and the department for better relevance.
3. **Project-Based Learning:**
    - The introduction of ongoing projects from the 2nd year onwards has been positively received, especially those focusing on emerging technologies.
    - Awareness programs on Project Methodology and Emerging Technologies now start from the 1st academic year.
    - Continuous emphasis on achieving a paper acceptance in IEEE conferences per project group.
    - Faculty members are dedicating significant time to student projects.
4. **Webinars and Seminars:**
    - Regular organization of webinars and seminars on the latest IT industry trends has been beneficial.
    - These events are scheduled beyond class hours to avoid conflicts with regular coursework.
5. **Student Motivation and Physical Activities:**
    - Continuous motivation by faculty members has positively influenced student participation in academics and physical activities.
    - Regular student counseling and mentoring have been emphasized to foster a positive and growth-oriented mindset.
6. **Faculty Development:**
    - Faculty members are committed to enhancing their knowledge through various means, which has improved teaching quality.
    - This practice is continuously strengthened for optimal results.
7. **Modern Pedagogy:**
    - Teachers regularly update themselves on modern pedagogical methods.
    - Self-assessment and adaptation of teaching approaches to suit different student batches are encouraged.
8. **Feedback Communication:**
    - The Head of Department (HoD) has communicated student feedback regarding facilities (Toilets, Drinking Water, Cleanliness and Hygiene, Internet, Canteen, Library, Hostel, and Sports facilities) to the concerned higher authorities for further action.

These actions are aimed at continuously improving the overall student experience and ensuring that the feedback provided is effectively incorporated into the department's practices.

DEPARTMENT OF INFORMATION TECHNOLOGY

Date : 21/05/2024

Faculty & Staff list

Departmental meeting held on 21.05.2024 at 3.30 PM OBE LAB 1.

Sl. No.	NAME	Signature
1	Dr. Suman Bhattacharjee (HOD)	21/5
2	Prof. Prabal Kumar Sahu	
3	Prof. Manas Kumar Roy	
4	Prof. Md. Keramot Hossain Mondal	
5	Dr. Moumita Pradhan	Moumita Pradhan
6	Dr.Dinesh K Pradhan	
7	Prof. Priyanka Roy	
8	Prof. Paramita Manna	
9	Prof. Sandip Chakraborty	
10	Prof. Ram Prasad Chakraborty	
11	Mr. Santanu Goswami	
12	Mr. Rupak Kumar Ghosh	
13	Mr. Debajyoti Saha	21.05.24
14	Mr. Basudev Chakraborty	

Dr. B. C. ROY ENGINEERING COLLEGE Durgapur

Dr. B. C. Roy Engineering College, Durgapur

Department of Computer Science & Engineering

Ref: BCREC/CSE /DAC/2023-24/005 **Date: 05/05/2024**

The meeting was attended by the faculty members and staff of the CSE department.

Meeting Agenda:

1. Feedback Analysis
2. Program outcome and curricular gap identification

Minutes:

A Special DAC gathering convened on May 5th, 2024, at 3:00 PM in Lab 3 with the purpose of discussing and finalizing the Action Taken Report. This report was formulated based on feedback received concerning Academics, Facilities, and Course-End Feedback for the Academic Year 2023-24. The feedback, which was garnered from students belonging to the Computer Science and Engineering Department, was submitted through the college website. The below are the primary points highlighted in the Action Taken Report:

Course End Feedback:

Feedback Statement	Feedback from student	Action Taken
1. Teachers inform you about the relevance of the course to your discipline/stream and corresponding course outcomes and program outcomes.	Some students felt that this aspect was adequately addressed in certain courses, while others felt it was lacking.	Sessions will be organized for faculty members to improve their understanding of course outcomes and program objectives.
2. How much of the syllabus was covered in the class?	The majority of the students reported that 70 to 84% of the syllabus was covered in class.	Faculties are advised to provide additional resources such as supplementary reading materials, online tutorials, and extra practice sessions to help students catch up on missed topics.
3. The teacher's approach to teaching can best be described as	Mixed responses were received for the teacher's approach to teaching as "Very good", "Good" or"Fair".	Faculties are advised to focus on techniques for increasing student engagement, fostering interactive learning

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	or"Fair".	environments, and addressing diverse learning needs.
4. The classroom/lab sessions were interactive.	70 to 80% of students reported that classroom/lab sessions were "Usually" or "Occasionally" interactive,	Facultiesareencouraged to explore and implement various interactive teaching strategies, such as group activities, case studies, demonstrations, and simulations.
5. Fairness of the internal evaluation process by the teacher	Internal evaluation process by the teacher as "Always fair" or "Usually fair," mostly reported by the students.	A comprehensive review of the assessment practices will be carried out to identify potential areas of bias or inconsistency.
6. Was your performance in Continuous Assessments (CA) & Practical Continuous Assessments (PCA) discussed with you?	Students reported (80 to 90%) that their performance in Continuous Assessments (CA) and Practical Continuous Assessments (PCA) was discussed with them "Every time" or "Usually".	Faculties are advised to discuss performance in Continuous Assessments (CA) & Practical Continuous Assessments (PCA) to provide constructive feedback and identify areas for improvement.
7. The teachers illustrate the concepts through examples and applications.	More than 90% of students reported that teachers illustrate the concepts through examples and applications with "Every time" or "Usually".	Faculties advised on the effective use of examples and applications in teaching, emphasizing the importance of connecting theoretical concepts to real-world scenarios.
8. The teachers identify your strengths and encourage you to provide the right level of challenges.	More than 74% of the students said that usually teachers are quite encouraging and provide certain challenges to justify students' strengths.	Faculties advise on the effective use of students' strengths and provide a platform to strengthen students' abilities in their respective domains.
9. Teachers are able to identify your weaknesses and help you to overcome them.	More than 82% of the students said that teachers are quite concerned about identifying student's	Faculties are advised to take necessary steps to deal with students' weaknesses and provide different platforms to

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	weaknesses and providing certain advice to overcome them.	the students to make them profitable in terms of overcoming their weaknesses.
10. Teacher used ICT tools (Projectors/Screens/Multimedia demonstration slides, Interactive online tools etc.) while teaching	For the senior students, most of the teacher uses ICT tools for teaching whereas in the junior semester, the scenario is not the same.	Faculties are advised to use different ICT tools for junior semester students as well.
11. The knowledge from the course can be applied to solve real life/industry specific problems/societal needs.	82% of the students said that the knowledge they earned from different courses is helpful in solving different real-life / industry-specific problems.	Faculties are advised to go through certain topics that are beyond the syllabus of specific courses, which could be useful for solving real-life and industry-specific problems.
12. The overall quality of teaching-learning process of this subject is very good.	96% of students are satisfied with the overall teaching process.	Teachers are advised to use different activities to improve the overall teaching-learning process.

Semester End Feedback:

Feedback Statement	**Feedback from student**	**Action Taken**
Did you acquire any new technical or scientific knowledge?	75% of the total students agreed about acquiring new technical or scientific knowledge.	Faculties are advised to go through certain topics that are beyond the syllabus of specific courses.
Are you able to apply the knowledge and skills you gained in real-life problem solving?	67% of the students applied the knowledge to real-life problem	Faculties are advised to go through certain topics that are beyond the syllabus of specific courses, which could be useful for solving real-life and industry-specific problems.
Are the subjects you studied relevant to the current industry	58.33% of the students agreed about the relevance of	Few add on courses has been introduced by the department

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need?	subjects for the industry needs.	to reduce the industry academic gap.
Availability and adequacy of modern tools in the laboratories?	85.4% of the students satisfied with the available tools in the laboratories.	A good number of computer are replaced with new high configuration machines in different labs to enhance the quality of laboratory.
Are the experiments/practical prescribed in the subjects/courses helpful for your future?	71% of the students said that the practical experiments are helpful for future work	Teachers and Lab Assistants are advised to cover some more practical problems in the Lab so that it can be more helpful in future in solving different real-life problems.
How is the mentorship and counselling process in the department?	72% of the students are quite satisfied with the mentoring process	Faculties are advised to arrange more meetings with their respective mentors to improve the mentoring and counselling process.
How is the overall learning environment?	83% of the students are satisfied with the learning environment	Teachers are advised to use different activity to improve the overall learning of the students.
Did you improve your communication skill?	85% of the student said they have improved their communication skills	Students are advised to attend more SST classes taken by teachers to improve their communication skills
Are the teachers able to demonstrate the required knowledge and skills?	87.5% of the students agreed with the teacher's ability to communicate and demonstrate the required knowledge	Teachers are advised to use different ICT tools to demonstrate the required knowledge and skills in a more productive way.
Is the pedagogy used by the teachers effective and interesting?	71% of the students are satisfied with the pedagogy teachers used to teach	Teachers are advised to use more presentations and multimedia to improve the pedagogy.
Are the opportunities provided for co curricular and extracurricular activities?	86% of students are satisfied with the opportunities provided for extracurricular	Students have actively participated in various sports, NCC, NSS events along with social activities conducted for

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	activities	their all-round development.
Are events (workshop/seminar/webinar etc.) conducted for the holistic development of the students and to bridge industry-academia gap?	98% of the students agreed that arranged workshops, webinars and seminars are useful in bridging the industry-academic gap	Student participation in the workshops/seminars/webinars organized by the institution to bridge the 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 regard to the application of domain knowledge in real life.
Class room facility	In some classrooms, issues related to Fan have been raised by the students.	New fans are installed in different classrooms as per requirements.
Laboratory facility	64% of the students are satisfied with the Laboratory facility	A good number of computers are replaced with new high-configuration machines in different labs to enhance the quality of the laboratory.
Library facility	62.5% of the students are satisfied with the Library facility	Some more books and magazines have been purchased by the authorities based on students' requirements.
Hostel facility	85.5% of the hostelites are satisfied with the Hostel facility	Still, certain problems need to be addressed regarding the hostel, which is already informed to the hostel super by the authority.
Sports facility	83.5% of the students are satisfied with the sports facility	Different other sports equipment has been purchased to provide more facilities to students and encourage them to participate in different sports activities.

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Water facility	93.7% of the students are satisfied with the water facility	As students are quite satisfied with the water facilities concerned person asked to maintain the same pace of work.
Cleanliness and Hygiene	75.5% of the students are satisfied with the process of cleanliness and hygiene activity	A number of steps have been taken towards enhancing cleanliness and hygiene.
Canteen facility	While most of the students were satisfied, few students (8.7%) felt that the canteen facility is not up to the mark and needs little improvement.	Based on the feedback from students the responsible person has been informed and asked to take all possible necessary steps to enhance the quality of food and facilities in the canteen.
Internet Facility	73% of the students are satisfied with the internet facility provided by the college	In some situations, issues related to the Internet were raised by the students, which have been taken care of by the concerned authority.

Prof. Syed Zahir Hasan
Assistant Prof. and
Convener of Departmental Meetings.

Dr.Arindam Ghosh
Associate Prof. and HOD, CSE

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Dr. B. C. Roy Engineering College
Durgapur

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FACULTY LIST

Sl.No.	NAME	DESIGNATION	Signature
1	Dr. Arindam Ghosh	Associate Professor	
2	Dr. Anirban Bose	Assistant Professor	
3	Dr. Sumana Kundu	Associate Professor	
4	Dr. Deepa Naik	Assistant Professor	
5	Prof. Chandan Das	Assistant Professor	
6	Prof. Bappaditya Das	Assistant Professor	
7	Prof. Hiranmay Samaddar	Assistant Professor	
8	Prof. Suvobrata Sarkar	Assistant Professor	
9	Prof. Saindhab Chattaraj	Assistant Professor	
10	Prof. Amitabha Mandal	Assistant Professor	
11	Prof. Sabbir Reza Tarafdar	Assistant Professor	
12	Prof. Kalpana Roy	Assistant Professor	
13	Prof. Biswajit Mondal	Assistant Professor	
14	Prof. Biswadev Goswami	Assistant Professor	
15	Prof. Sanjib Saha	Assistant Professor	
16	Prof. Syed Zahir Hasan	Assistant Professor	
17	Prof. Anandaprova Majumder	Assistant Professor	
18	Prof. Ruma Ghosh	Assistant Professor	
19	Prof. Biswajit Saha	Assistant Professor	
20	Prof. Rajib Kumar Mondal	Assistant Professor	
21	Prof. Joyjit Patra	Assistant Professor	
22	Prof. Sovan Bhattacharya	Assistant Professor	
23	Prof. Paragkanti Chattopadhyay	Assistant Professor	
24	Prof. Susanta Karmakar	Assistant Professor	
25	Prof. Monalisa Chakraborty	Assistant Professor	

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Dr. B. C. Roy Engineering College, Durgapur
Civil Engineering Department

OFFICE NOTICE **19 April, 2023**

A Special Departmental Academic Committee meeting will be held on Wednesday, 19th April, 2023 at 4:00 p.m. at the third floor IQAC room to discuss the following points:

1. Discussion and finalization of the Action Taken Report based upon Feedback on Academics and facilities taken for the Odd Semester End for the Academic Year 2022-23.

8. Miscellaneous.

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

MD. Hamjala Alam
(H. Alam)

(Md. Hamjala Alam)
Convener
Departmental Academic Committee
Dept. of Civil Engineering
BCREC

DR. B. C. ROY ENGINEERING COLLEGE * Durgapur

Dr. B. C. Roy Engineering College, Durgapur

Civil Engineering Department

Ref.: CE/DAC/EVEN SEM/MOM-5/2022-23 **Date: 20.04.2023**

Following are the minutes of the DAC meeting held on 19th April, 2023:

A Special DAC meeting took place on 19th April, 2023 at the third floor IQAC room to discuss in details and finalize the Action Taken Report (ATR) based upon Feedback on Academics and facilities taken for the Odd Semester End for the AY 2022-23. Feedback on Academics and facilities was taken online from the students of 1st to 4th year for the Odd Semester End 2022-23. The feedback was submitted in the college website online by 179 students of the Civil Engineering Department. Following are the major points of the Action Taken Report.

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

Feedback on acquiring new technical or scientific knowledge showed good adaptability in the teaching and learning process. Students were able to use their knowledge and skills to solve issues pertaining to real life situations. Most of the students agreed that the subjects studied by them were relevant to the current industry need. The effective and engaging lessons and lab classes, conducted by the faculties and technical assistants, were very much appreciated by the students. Students have acknowledged that the laboratory experiments they are required to do and the content of their course syllabus are pertinent to the needs of the modern workplace, and that the lab is well-equipped with the necessary modern instruments and resources. The procedure of student mentoring and counselling received positive feedback. Majority of the students agreed that the events (workshop/seminar/webinar etc.) conducted were good for the holistic development and bridging industry-academia gap. Following are the major points of the Action Taken Report:

1. The department has offered 4 Add-On certificate courses to the students of first, second and third year, which will be beneficial in reducing the gap between the industry needs and academia.
2. The department has conducted two-days Workshop on Building Information Modeling (BIM) with Revit Architecture in collaboration with CADD Center, Ultodanga (Kolkata). The basic aim of this workshop was to acquaint the students about latest development in building design and apprise them regarding the contemporary requirement of construction and design industry.
3. Recent field visits were arranged for the students to CMERI-Municipal Waste Management Plant & Water Treatment facility and National Highway Authority of India (NHAI) to provide them a first-hand idea of solid waste management, water treatment process and road construction and maintenance procedure. This would be very beneficial for the students in their future endeavours. It has been planned to conduct many such field and industrial visits in future to bridge the industrial-academia gap.
4. The students of first and second year have been offered spoken tutorials, conducted by IIT Bombay, which will help them sharpen their technical and communication skills.
5. Recently Tech-quiz was arranged through IEI local chapter by the students. These events will help the students to work as a team and generate new and innovative ideas.
6. The sixth semester 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 industry and society on completion of the course. The department has put in lot of effort and arranged stipendiary internship for twenty students of sixth semester in NHAI. Few more students have been guided to construction industry and consultancy firms for training.
7. Domain Training classes for the students of third year has been arranged where training is imparted on the basics of Concrete Technology, Construction Technology, Soil Mechanics etc. in order to prepare them for future placement opportunities.

8. In the Department Academic Committee meeting, it has been unanimously resolved to analyse and identify all possible gap between the current market scenario, industrial requirements and the curriculum being offered to the students. Gap-identification notes related to the curriculum will be sent by the department to the University through the Registrar's office.

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

Most of the students were highly satisfied with laboratory facility, library facilities, water facility 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. The hostel facilities offered to the students needs to be enhanced.
3. The sports facilities of the college require more advancements and variations.
4. As per the feedback, it has been observed that the 1st year students had some issues with the hostel and canteen facility which has to be resolved as per their requirements.

Following are the major points of the Action Taken Report:

1. Students were assured that their concerns related to hostel, canteen and internet facilities 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.
2. Enhancement in sports facilities of the college will be suggested to authorities and appropriate steps will be taken in this regard.

At the end of the DAC meeting, HoD extended vote of thanks to all the members present in the meeting.

Signature of the members present in the DAC meeting held on 19th April, 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.	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		

Copy to:-

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

DR. B. C. ROY ENGINEERING COLLEGE ★ Durgapur

Dr. B. C. Engineering College, Durgapur

Department of Computer Science and Design

Notice

Ref. CSD/DAC/.....

Date: 23/04/2024.

This is for information of all concern that a meeting of the DAC will be conducted on April 24, 2024 at 11:00 AM in the HOD room to propose corrective steps to be made based on student feedback.

Prof. R.K. Samanta
HOD

HOD
Computer Sc. & Design
Dr. B. C. Roy Engineering College
Durgapur - 713206

Dr. B. C. Engineering College, Durgapur
Department of Computer Science and Design

Minutes of Meeting

Ref. CSD/DAC/...05.... Date: 25/04/2024.

A DAC meeting was held on April 24, 2024 at 11 AM in the HOD room to examine and review the action taken report based on the input from the students for the academic year 2023–2024 regarding the academics and the facilities. 125 first-year, second year and third year CSD students in total have provided input, and the following observations are made:

Action taken report based upon the feedback on the Academics for AY 2022-23

Both the willingness to accept new technical or scientific information and the ability to use that knowledge and expertise to solve problems in their field of study in the actual world show a highly positive degree of flexibility. Pupils complimented the environment, the classroom sessions, and the teaching-learning methodology. The students concurred that the experiments and practical sessions are useful and futuristic, the laboratory instruments are appropriate, and the topics are pertinent to current industry needs. They also acknowledged how helpful the department's mentorship and counseling programs are to them. The majority of pupils now have more proficient communication abilities. Not many pupils are dissatisfied with their learning environment. Corrective action is being done to help these students learn more effectively.

1. The students of the department formed a technical club under the name "**DEZINOVA**" to undertake various technical and professional activities other than regular classroom activities. Under this umbrella, students organize seminars, workshops, coding, essay-writing, debate, discussion etc. on a regular basis to enhance their professional skills.
2. Students are motivated to organize seminars/workshops/Tech-quizzes on emerging technologies and to engage in project works in their field of interest during the early days of their professional course for imparting leadership and teamwork in them.
3. Students are encouraged to enhance their professional skills through participation in NPTEL/MOOCs courses, Hackathons etc.
4. Students are motivated to prepare for GATE/ CAT / Placement through participation in Counseling, Expert Talks, Coding contest, Placement training, Industry Interaction etc.
5. Students are engaged in NCC, NSS, Sports, Yoga, Karate etc for imparting value education and their all-round development.

Action taken report based upon the feedback on the Facilities for AY 2023-24

Mostly students are satisfied with the facilities available in the institute namely - Classrooms, Laboratories, Hostel, Sports, Library, Canteen, Water and internet. Few students (around 12%) are not happy with the facilities.

Appropriate authorities discussed these issues with the students, and the issues are being addressed in order to find a workable solution.

CSD DAC Members for AY 2023-2024:

S.No	Name	Designation	Signature
1	Dr. Raj Kumar Samanta, HOD	Chairman	
2	Mr. Swadhin Kr. Mondal, Asst. Prof.	Member	
3	Mr. Nasim Anjum Hoque, Asst. Prof.	Member	
4	Mr. Prasenjit Maji, Asst. Prof.	Member	
5	Mr. Jotjit Patra, Asst. Prof.	Member	
7	Mr. Susanta Karmakar, Asst. Prof.	Member	

HOD
Computer Sc. & Desi
Dr. B. C. Roy Engineering
Durgapur - 713206

DR. B. C. ROY ENGINEERING COLLEGE * Durgapur

Dr. B. C. Roy Engineering College Durgapur
Department of CSE(Artificial Intelligence and Machine Learning)

Office Notice

Date: 04th March, 2024

A departmental meeting will be held on 6th March, 2024 at CSE(AIML) conference room to discuss the following points.

1. Discuss and finalize the Action Taken Report (ATR) based on the ODD semester end feedback received on academics and facilities provided for the academic year 2023-24.
2. Any other relevant issues if there.

Dr. Gour Sundar Mitra Thakur
Convener
Departmental Academic Committee
Department of CSE(AIML)
BCREC, Durgapur

DR. B.C. ROY ENGINEERING COLLEGE * DURGAPUR

Dr. B. C. Roy Engineering College Durgapur
Department of CSE(Artificial Intelligence and Machine Learning)

Ref: BCREC/CSE(AIML)/DAC/MOM-3/2023-24

Members present:

Dr. Gour Sundar Mitra Thakur	Associate Professor and HoD, CSE(AIML)
Prof. Atin Mukherjee	Assistant Professor
Prof. Arnab Banerjee	Assistant Professor

Minutes of the Departmental Academic Council (DAC) Meeting held on 06/03/2023

A meeting was held on 6th March, 2024 at CSE(AIML) HoD room to discuss the odd semester end feedback received from students on academic and facilities provided for AY 2023-24. The feedback was taken online on the college website. 5 students of CSE(AIML) first year and 27 students from CSE(AIML) 2nd year and 33 students from CSE(AIML) 3rd year have given their semester end feedback.

Action taken report based on ODD semester end feedback on academics for AY 2023-24

The feedback from students indicates that they have successfully gained new technical and scientific knowledge. They can apply these new skills and understandings. Generally, students find the curriculum aligned with current industry requirements.

The mentoring methods and overall learning atmosphere are satisfactory. The pedagogical approaches in classrooms and laboratories are well-received. The modern tools provided in the laboratory are considered adequate. However, there is a need for more co-curricular and extracurricular opportunities. Increasing these activities could enhance the students' educational experience.

Following are some steps taken in this regard.

- One high-end computer with a GPU has been installed in the department to support complex projects.
- The department plans to host seminars and webinars led by industry professionals in Artificial Intelligence.
- Students are encouraged to join at least one student chapter or club.
- Students are being exposed to modern AI and IoT tools to work on research and projects addressing real-world societal issues.

- Initiatives are in place to inspire students to participate in activities such as sports, NCC, NSS events, karate, and yoga sessions for their holistic development.
- The department will facilitate student-led workshops through local chapters to promote teamwork and stimulate innovative ideas.
- Students are motivated to participate in technical festivals and hackathons to apply their skills and concepts.

Action taken report based on ODD semester end feedback on facilities for AY 2023-24

The feedback indicates that most students are satisfied with the institutional amenities, including classrooms, laboratories, internet access, hostel accommodations, canteen services, and water supply. The cleanliness and hygiene within the institute are also satisfactory. However, improvements in internet connectivity are needed.

Here are some steps already undertaken to augment the facilities for students:

- A central UPS facility is available in both laboratories.
- A dedicated tutorial room has been allocated for the students.
- Additional equipment has been procured to enhance students' exposure and support research activities.
- More emphasis is being placed on regular cleaning of laboratories and classrooms.
- A dedicated Wi-Fi router and optical fiber connection are planned for the start of the next academic year to improve network connectivity in the department.

Signatures of the members present in the DAC meeting held on 06/03/2024

Sl No	Name of the faculty/TA	Signature
1	Prof. (Dr.) Gour Sundar Mitra Thakur	
2	Prof. Atin Mukherjee	
3	Prof. Arnab Banerjee	

Dr. B. C. Engineering College, Durgapur
Department of CSE(Data Science)

Notice

Ref. CSE(DS)/DAC/MOM-1/AY/2023-24 **Date: 04/03/2024**

This is for information of all the concern that a meeting of the DAC will be held on 4th March, 2023 at HoD room (room number C207) of the main building from 02:30 PM-03:30 PM for analyzing the odd semester (First Sem and Third Sem) feedback for B. Tech batches 2022-26 and 2023-27. Furthermore, a report will be prepared on the possible remedial actions based on that analysis.

Head of the Department
Computer Science & Engineering (DS)
Dr. B. C. Roy Engineering College
Durgapur

Chandan Bandyopadhyay 04/03/2024

Dr. Chandan Bandyopadhyay (Associate Prof.)
HOD, CSE(Data Science)

Dr. B. C. Engineering College, Durgapur

Department of CSE(Data Science)

Minutes of Meeting

Ref. CSE(DS)/DAC/MOM-1/2023-24 **Date: 06/03/2024**

The DAC meeting was held in the HoD's room (Room Number: C207) on March 6, 2024 at 02:30 PM to address the end-of-semester (first and second semesters) feedback for the batches 2022-26 and 2023-27. Following the review of the comments made by the departmental students, the following observation report and an action taken report are generated.

Action taken report based upon the feedback on odd sem. of AY 2023-24

A. The following statistics have emerged after analyzing the submitted students' feedback.

1. The majority of students believe that the previous semester was fruitful in terms of acquiring new technical and scientific knowledge. Additionally, the majority of students agree that the curriculum is designed to meet the demands of modern industry and that what they have learned is applicable to solving real-world problems.
2. For the most part, students feel that their course offerings are sufficient to fulfil the demands of the education and employment markets in the future. The readily available facilities and state-of-the-art laboratory equipment were other points of appreciation.
3. The majority of students are satisfied with their mentors' replies on the mentor's support counselling procedure.
4. The majority of students admitted that they had improved their communication abilities somewhat, and a sufficient percentage of students appreciated the overall collaborative learning environment.

5. Almost every student gave the course teachers rave reviews for their topic mastery and creative pedagogy. The approach that the teachers embraced was also highly endorsed by several students.
6. There are more than enough opportunities for extracurricular and co-curricular activities, said the majority of students. The workshops, seminars, and webinars have also been well-received by students, who have offered constructive criticism and agreed that they have helped bring together academia and business.
7. Students are really satisfied with the water facilities, sports programs, and hostel living options. Yet, they need substantial changes to sanitation and hygiene, in addition to reliable and fast internet access.
8. The data shows that most students are happy with their classroom and the resources they have access to.

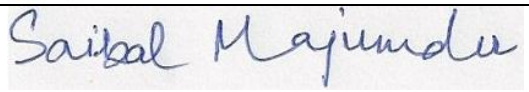
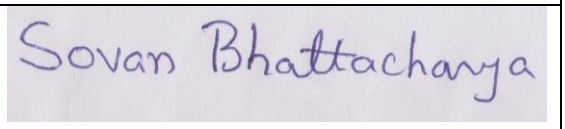
B. The following remedial measures are being taken for improving the learning experiences of these students.

1. Setting up a second computer lab to introduce students to the global computing ecosystem.
2. It is imperative that, beside the college library, a departmental library be constructed soon.
3. In the first few weeks of their career-oriented classes, students are encouraged to work on projects related to their areas of interest and to host seminars, workshops, and Tech-quizzes on current technology.
4. Students are encouraged to participate in hackathons and complete NPTEL/MOOC courses among other activities to enhance their professional talents.
5. In order to assist students grow holistically and acquire a value-based education, we encourage them to participate in various extracurricular activities such as NCC, NSS, athletics, yoga, martial arts, and more.
6. To continue further education, students are urged to use the institutions' many platforms to study for competitive tests such as GATE, CAT, and GRE.

7. We will discuss with the appropriate entities about the possibility of improving the hostel's facilities.

The BCREC's Department of CSE (Data Science) DAC members have contributed to the development of the report.

Signatures of the participants of the DAC meeting held on March 6, 2024.

Sl. No.	**Name of Attendees**	**Designation of the Attendees**	**Signature of the Attendees**
1.	Prof. (Dr.) Chandan Bandyopadhyay	HoD, CSE(DS)	
2.	Prof. (Dr.) Saibal Majumder	Assistant Professor, CSE(DS)	
3.	Prof. Sovan Bhattacharya	Assistant Professor, CSE(DS)	

Dr. B C Roy Engineering College

Department of Electronics and Communication Engineering

Ref: BCREC/ECE/DAC/2024-25/ODD/5 **Date: 05/03/2024**

The Action Taken Report (ATR) for the academic year **2023-24 (ODD)** highlights the efforts undertaken by the ECE Department to address the key findings from the student feedback. Through targeted actions,

such as the enhancement of extracurricular opportunities, improved mentorship programs, and the integration of real-world applications into the curriculum, significant progress has been made in addressing student concerns and fostering an enriched learning environment. These initiatives reflect the department's commitment to continuous improvement and holistic development.

To ensure sustained progress, further recommendations have been proposed, focusing on infrastructure upgrades, stronger industry connections, and consistent feedback mechanisms. The department remains dedicated to implementing these measures, strengthening the academic experience, and supporting student aspirations.

Report of the Special DAC Meeting
Held on: **05-03-2024**
Venue: **Advanced Prototype Lab**

The Department Advisory Committee (DAC) convened to discuss the student feedback for the academic year 2023-24 and the subsequent action taken to address identified areas for improvement. The meeting concluded with the unanimous approval of the ATR and the proposed recommendations for sustained development.

Course-End Feedback Analysis and Action Taken Report (ATR)

Odd Semester 2023-24

Overview

The Course-End Feedback was analyzed for all semesters in the Electronics and Communication Engineering (ECE) Department for the academic year 2023-24. The feedback collected focuses on the teaching-learning process, syllabus coverage, evaluation, and faculty engagement. This ATR addresses the observations, highlights strengths, identifies areas needing improvement, and details actions taken.

Key Feedback Summary

Strengths

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Durgapur

1. **Syllabus Coverage**
    - **Observation**: Across semesters, 85% of students rated syllabus coverage as "85-100%," showcasing the department's commitment to comprehensive course delivery.
2. **Teaching Approach**
    - **Observation**: Over 80% of students rated the faculty's teaching approach as "Excellent" or "Very Good."
3. **Engagement and Communication**
    - **Observation**: Around 78% of students acknowledged consistent discussions on their performance and strengths, highlighting effective student-faculty interaction.
4. **Overall Learning Process**
    - **Observation**: Feedback indicated that 75% of students found the teaching-learning process very good or excellent.

Areas Needing Improvement

1. **Fairness in Evaluation**
    - **Observation**: While 80% found evaluations fair, some responses indicated inconsistencies in communication regarding evaluation criteria.
2. **Illustration of Concepts with Examples**
    - **Observation**: About 70% of students rated this parameter positively, but some highlighted the need for better application-oriented teaching.
3. **Encouragement for Extracurricular Activities**
    - **Observation**: Although 65% of students felt encouraged to participate, first-year students expressed a need for more structured extracurricular involvement.

Actions Taken

1. **Enhanced Teaching-Learning Methods**
    - Introduced case studies and practical examples in lectures to improve concept illustration.
    - Integrated tools like MATLAB and Simulink for real-world simulations, particularly in higher semesters.
2. **Streamlined Evaluation Processes**
    - Faculty were trained to communicate evaluation criteria more clearly and consistently during assignments and exams.

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- Developed rubrics for grading, ensuring transparency and fairness.

3. **Increased Extracurricular Opportunities**
   - Expanded the use of the **Xilinx Lab** and **Advanced Prototyping Lab** for project-based extracurricular activities.
   - Hosted regular hackathons, quizzes, and technical competitions to engage students beyond academics.
4. **Regular Performance Discussions**
   - Mandated bi-semester feedback sessions between faculty and students to discuss strengths and areas for improvement.
   - Established mentorship groups for personalized guidance on academic and extracurricular growth.

Semester-Specific Highlights

First Semester

- **Key Challenge**: Students indicated uncertainty about the real-life applicability of their knowledge.
- **Action**: Introduced open lab sessions for hands-on exposure to concepts covered in foundational courses like Basic Electrical Engineering and Engineering Drawing.

Third Semester

- **Key Challenge**: Students requested better integration of modern tools in practical sessions.
- **Action**: Updated lab experiments to include emerging technologies like IoT and embedded systems, utilizing modern equipment.

Fifth Semester

- **Key Challenge**: Some students felt the need for stronger connections between course content and industry requirements.
- **Action**: Collaborated with industry experts to design guest lectures and workshops focusing on industry-relevant skills.

Seventh Semester

- **Key Challenge**: Limited time for discussions on project-based activities due to a packed curriculum.
- **Action**: Dedicated weekly mentoring hours for final-year projects to ensure focused guidance.

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Recommendations

1. **Enhanced Mentorship**
    - Strengthen mentorship programs with specific objectives for academic and career development.
2. **Integration of Industry Needs**
    - Expand partnerships with industries for curriculum alignment and internships.
3. **Interactive Teaching**
    - Broaden the use of interactive tools, such as AR/VR and simulation platforms, to enhance understanding of complex concepts.
4. **Feedback Mechanism**
    - Conduct mid-semester feedback surveys to address concerns more proactively.

Semester-End Feedback Action Taken Report (ATR)

Odd Semester 2023-24

Overview

This ATR addresses the key findings from the semester-end feedback for the Electronics and Communication Engineering (ECE) Department for the academic year 2023-24. It highlights strengths, identifies challenges, and outlines actions implemented to enhance the learning environment and facilities.

Key Feedback Summary

Academics

1. **Knowledge Acquisition**
    - **Observation**: 78% of students agreed they acquired new technical and scientific knowledge.
    - **Challenge**: 12% expressed uncertainty about the applicability of this knowledge, indicating a need for stronger practical integration.
2. **Mentorship and Counselling**
    - **Observation**: 80% of students positively rated mentorship efforts, but inconsistencies in second-year groups were noted.
3. **Pedagogy and Communication Skills**

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- **Observation**: 85% found the pedagogy effective, and 82% indicated improvements in communication skills. However, a small portion (8%) highlighted the need for more interactive teaching methods.

Facilities

1. **Laboratories and Libraries**
   - **Observation**: Over 65% of students rated these as Excellent or Very Good, but some dissatisfaction was noted due to equipment availability and access hours.
2. **Hostel Amenities and Hygiene**
   - **Observation**: Hostel facilities received mixed ratings, with 13% marking them as Poor and 20% rating cleanliness below Good.
3. **Internet Access**
   - **Observation**: Internet services consistently received the lowest ratings, with 15% marking them as Poor.

Actions Taken

Academics

1. **Enhanced Practical Learning**
   - Introduced additional lab-based mini-projects in the **Xilinx Lab** and **Advanced Prototyping Lab** to reinforce theoretical concepts with hands-on activities.
   - Developed new case studies and real-life problem-solving sessions to strengthen knowledge applicability.
2. **Structured Mentorship Programs**
   - Established smaller mentorship groups to ensure focused academic and career guidance.
   - Assigned senior faculty to supervise and address gaps in mentorship quality for specific batches.
3. **Interactive Teaching Innovations**
   - Conducted workshops for faculty on flipped classrooms and simulation-based teaching to encourage interactive learning.
   - Increased the use of visual aids and live examples in lectures to enhance engagement.

Facilities

1. **Laboratory and Library Upgrades**
   - Procured additional equipment to address availability issues in core labs.

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- Extended library operating hours and added digital access to journals and e-books for enhanced resource accessibility.

2. **Internet Services**
   - Upgraded internet infrastructure with high-speed routers and increased bandwidth in hostels and academic buildings.
   - Introduced an IT helpdesk to address connectivity issues promptly.

Recommendations

1. **Continued Monitoring of Improvements**
   - Conduct mid-semester surveys to gauge the effectiveness of the implemented actions and address emerging issues.
2. **Increased Industry Integration**
   - Expand partnerships with local industries to organize hands-on workshops, internships, and expert lectures.
3. **Digital Transformation**
   - Implement advanced e-learning platforms to complement classroom teaching and provide continuous access to learning resources.
4. **Extracurricular Engagement**
   - Organize regular hackathons, coding challenges, and cultural events to foster holistic student development.

Comparative Action Taken Report (ATR)

Odd Semester 2023-24

This report presents a detailed comparative analysis of the semester-end feedback for Academics and Facilities, outlining observations and corresponding actions taken to address them.

Academics Comparative Analysis and Actions

Category	Observation	Action Taken
Knowledge Acquisition	78% of students agreed they acquired new technical knowledge, while 12% were uncertain.	Introduced lab-based projects in core subjects to reinforce theoretical concepts with hands-on learning.
Real-Life Problem	76% agreed they could apply	Enhanced problem-based learning

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Solving	knowledge to real-life problems; some indicated gaps in practical exposure.	modules and conducted case-study sessions.
Industry Relevance	80% agreed that subjects studied were industry-relevant; 20% suggested the need for updated content.	Updated course curriculum to include recent technological advancements such as IoT and AI.
Mentorship and Counselling	80% rated mentorship positively; inconsistencies noted in second-year groups.	Assigned faculty mentors to smaller groups for personalized guidance and regular check-ins to monitor progress.
Overall Learning Environment	82% found the learning environment positive, but engagement in foundational courses was lacking.	Integrated interactive tools like AR/VR for engaging lectures in foundational courses.
Communication Skills Improvement	85% noted improvement; first-year students needed more opportunities to practice communication skills.	Conducted communication workshops and debates for first-year students to build confidence and presentation skills.
Teachers' Knowledge Demonstration	85% positively rated teachers' subject knowledge; minor gaps in examples and illustrations were observed.	Conducted faculty training workshops to enhance the use of real-life examples and illustrations in lectures.
Pedagogy and Effectiveness	85% rated pedagogy as effective; interactive teaching was requested by 15%.	Introduced flipped classroom models and simulation-based learning platforms to increase interactivity.

Facilities Comparative Analysis and Actions

Category	Observation	Action Taken
Classroom Facilities	67% rated classroom facilities as Very Good or Excellent; 6% reported infrastructure issues.	Improved classroom infrastructure by adding ergonomic furniture and upgrading projection systems.
Laboratory Facilities	69% rated labs positively; 5% noted equipment inadequacies.	Procured additional lab equipment and extended lab access hours to accommodate student schedules.
Library Facilities	70% rated library facilities highly; some requests for extended hours were noted.	Increased library operating hours and added e-resources, including subscriptions to journals and digital books.
Hostel Facilities	30% rated hostels Poor or Good, citing issues with hygiene and	Advised authorities for launching hostel refurbishment initiatives, improved cleaning frequency, and added water purifiers and better

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Dept. Electronics & Comm. Engg.
Dr. B. C. Roy Engineering College
Durgapur

	room conditions.	recreational facilities.
Cleanliness and Hygiene	20% rated cleanliness Poor or Good, highlighting hostels and common areas as needing attention.	Increased cleaning staff, introduced weekly cleaning audits, and installed waste segregation bins to improve hygiene.
Canteen Facilities	15% rated the canteen Poor, citing food quality concerns.	Advised caterers to improve food quality and hygiene; introduced menu options based on student feedback.
Internet Facilities	20% rated internet access Poor, especially in hostels.	Upgraded internet infrastructure with high-speed routers and expanded bandwidth; introduced an IT helpdesk to resolve connectivity issues promptly.

The comparative analysis underscores the department's strengths in academic delivery and highlights actionable areas for facilities improvement. Proactive measures taken to address feedback aim to enhance student satisfaction and align with modern academic and infrastructural standards. Regular monitoring and iterative improvements will ensure sustained progress.

Dr. Sourav Moitra
Associate Professor, ECE
Convener, Departmental Proceeding/Meetings

Dr. Mrinmoy Chakroborty
Associate Professor, ECE
HOD, ECE

Head
Dept. Electronics & Comm. Engg.
Dr. B. C. Roy Engineering College
Durgapur

MEMBERS PRESENT:

Name	Designation	Signature
DR. N N Pathak	Professor	
Dr. Khondekar Mofazzal Hossain	Professor	
Dr. Tapas Mondal	Associate Professor	
DR. Rajdeep Ray	Associate Professor	
Dr. Tribeni Prasad Banerjee	Associate Professor	
Dr. Mrinmoy Chakraborty	Associate Professor	
DR. Rajib Banerjee	Associate Professor	
Dr. Abhijit Banerjee	Associate Professor	
Ms. Keka Hajra	Assistant Professor	
Ms. Dipta Chaudhuri	Assistant Professor	
Dr. Aritra Bhowmik	Assistant Professor	
Dr. Anirban Chattopadhyay	Assistant Professor	
Dr. Sourav Moitra	Associate Professor	
Dr. Debipriya Dutta	Assistant Professor	
Ms. Moutusi Mondal	Assistant Professor	
Mr. Nilkamal Bhunia	Assistant Professor	
Dr. Ankita Mitra	Assistant Professor	
Mr. Pradipta Sarkar	Assistant Professor	
Mr. Tapas Roy	Assistant Professor	
Dr. Anup Kumar Das	Assistant Professor	
Mr. Surajit Batabyal	Assistant Professor	
Ms. Subhadra Debroy	Assistant Professor	
Mr. Moloy Mukherjee	Assistant Professor	
Mr. Samujjwal Ray	Assistant Professor	
Mr. Soumendra Pain	Assistant Professor	
Dr. Ramkrishna Rakshit	Assistant Professor	
Dr. ALOKE SAHA	Associate Professor	

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Mr. Santanu Roy	Sr. Technical Assistant	
Mr. Samar Nath Rajak	Sr. Technical Assistant	
Ms. Dolan Das	Sr. Technical Assistant	
Mr. Sonatan Dutta	Technical Assistant	
Mr. Sukanta Mukherjee	Supervisor	

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Dr. B. C. Roy Engineering College
Durgapur

Dr. B.C.Roy Engineering College, Durgapur

(Electrical Engineering Department)

BCR/EE/MOM **dated 07.05.2024**

Action Taken Report (ATR) on feedback of Electrical Engineering students for Academic year 2023-24.

A special DAC meeting was held on 07.05.2024 at 2.10 pm in room no FF-01 to discuss the action taken report based on feedback of students for the Academic year 2023-2024.

Students of EE department participated in the online feedback hosted by college website.

Action taken report based on feedback on Academics for AY 2023-24 :

There were 12 parameters under the head academics. It is observed that there is overall positive response of the students on feedback under academics. The various parameters covered were acquiring technical/ scientific knowledge, problem solving abilities, industry needs, availability of modern tools in labs, innovative experiments conducted, Mentorship and counseling , learning environment, improvement of communication skills, opportunities for co-curricular and extracurricular activities and events like seminar, workshops, webinars conducted for holistic development of students and to bridge the gap between academia and industry etc. Based on feedback of the students, DAC unanimously decided to take following steps:

1. Department had introduced a 50 hour course for 3rd year students to bridge the gap between academia and industry in 2021-22. Experts from industry were invited to form and conduct the coursework. The said course is continuing for year2023-24.

2. An add-on course on advanced power system was taken up for 7th semester students during 2021-22. Prof. (Dr.) Sumit Banerjee taught the subject. The course is continuing for current year.

3. An additional Add on Course, 'HVAC Instrumentation and Control' for EE students is being taken up. The course was formally inaugurated on 29.09.2023.

4. GATE preparation classes are being held for aspiring students.

5. All annual events like tech fest, cultural fest, annual sports, fresher's welcome, adieu to final year students, teacher's day celebrations are held in the college. Students of EE department are encouraged to wholeheartedly participate in these extracurricular activities.

6. Summer internship training for 7th semester students shall gear them up for working environment in industry.

7. Following Industry visits were organized for the students.

a) At Gainwell Consumables Pvt. Ltd, formerly Tractors India Limited, Asansol on 09.12.23

b) At Matix fertilizers on 18.03.24

8. Innovative projects for final year students and mini projects for 3rd year students are being taken up in right earnest. A poster competition was organized for the Projects carried out by final year students. The event took place on 8th April, 2024. Sri Sabyasanchi Gupta Lead Equipment Maintenance Specialist, GE Power India Limited, Durgapur was invited as judge of the event.

9. Simulink workshop on Electrical Vehicle was jointly organized by R&D cell and EE department on 20.08.2023.

10. An ATAL FDP, 'Sustainability and innovations in Energy Engineering on Sensors Technology' was held in the department from 15.01.2024 to 20.01.2024. The FDP was funded by AICTE.

11. A lecture series by industrial experts on Thermal Power Engineering was jointly organized by EE and ME department. Online Lectures were delivered on each Sunday from 11.00 am onwards during March, 24 to April, 2024.

12. A Webinar on Power Evacuation was held on 7th April, 2024.

13. EV workshop was organized by EE department on 15.04.2024, 16.04.2024 and 18.04 2024.

Action Taken Report based on feedback on facilities :

_ The overall response of the students on facilities like, Laboratories, Library, Hostel, (if applicable) Sports, Drinking water, Cleanliness and Hygiene etc. was quite satisfactory. However a few students have given suggestions for improvement.

a) There is a scope of improvement of sitting arrangement, cleanliness, illumination, overall ambience of the canteen. The quality of food items supplied by canteen shall be inspected by a supervisory team on regular basis.

b) The internet facilities (speed and connectivity) should be improved.

c) Labs and class room should be cleaned regularly.

Action Taken (by College):

1. The college has purchased one online MATLAB scheme for use in college campus. All students, staff and faculty members can use the facility in college campus. A hands on-MATLAB workshop was organized in the institute for updating faculty, technical staff and students.

2. The labs and class rooms are being cleaned regularly. A special cell is formed to regularly monitor the cleaning and mopping up of labs. and the lecture halls. Overall the cleanliness around the college campus has improved a lot.

3 Regarding improvement in canteen facilities the matter is taken up with appropriate authorities.

The Course-end feedback (Exit survey):

The exit survey was conducted on 2024 pass out batch. The students have given favorable response to teaching learning and other indices of academic development. Most of the students opined that they shall be able to solve complex engineering problems by the knowledge of maths, science and engineering fundamentals, they have acquired during their coursework. Majority of the students were confident that they shall be capable of analyzing research based data successfully and interpreting them for real life problems. Almost all students were confident that they can successfully work as team leader as well as a part of a team. Most of the students felt that they can communicate effectively. Therefore, overall the results of exit survey were very encouraging.

ATR recommended by DAC:

The DAC unanimously recommended following:

1. Technical experts from industry shall be invited on regular basis and they shall acquaint the students the technical and practical aspects involved in industry.

2. The students of the department shall be encouraged to actively participate in Tech fests, technical seminars, debates, cultural fests and other events conducted by the institute.

3. A departmental e-magazine ElectroQuest is published annually. Students are encouraged to contribute creative write-ups for the magazine. The magazine is a suitable platform for students to showcase their talents.

4. More industrial visits to nearby localities shall be arranged.

5. More emphasis shall be on motivating the students to regularly attend their theory and lab classes. The mentors shall monitor the attendance of the mentees associated with them on regular basis.

6. Students of 2nd year are allotted mini projects. This will instill the necessary confidence to carry out innovative projects. The Project work for final year is allotted to students of 6th semester. Therefore, they have sufficient seed time to analyze the project problem and complete the project work satisfactorily within the scheduled time.

7. Students of the department shall be encouraged to avail the facilities extended by Training and Placement cell to improve their soft skills as well as logical reasoning abilities. Regular soft skill classes

are held for willing departmental students. Weekly English Usage Tests and Qualitative logical Reasoning Tests are conducted for general practice.

8. Remedial classes are held for weak students. Students shall be motivated by their mentors to attend these classes.

9. GATE examination preparatory classes are being held for aspiring students. More students shall be motivated to avail of this facility.

10. More FDPs shall be conducted for improvement of teaching learning environment in the department.

11. Seminars, workshops for skill development shall be organized regularly.

12. The meeting ended with a vote of thanks.

7/5/2024

(Prof. Anupam Sinha)

Convener

Academic Committee

07/05/24

(Dr. Susanta Dutta)

Chairman

Academic Committee

Head
Dept. Electrical Engineering
Dr. B. C. Roy Engineering College
Durgapur

DR. B.C. ROY ENGINEERING COLLEGE
DURGAPUR

Academic Committee meeting of EE Department held on 7.05.2024

Members present:

1. Anupam Sinha 7/5/2024
2. Kalyan Kumar Chattopadhyay 7/5/24
3. Dipak Kumar Dhali 7/5/24
4. Saradindu Mandal 7/5/24
5. Sunil Chaudhury 7/5/24
6. Sanjoy Kumar Saha 7/5/24
7. Susanta Dutta 7/5/24
8. 7/5/24
9. 7/5/24
10. 7/05/24
11. Siddhartha Ghosh. 7.5.24
12. CHANDAN PAUL 7.5.24
13. Sneha Sultana 7/5/24
14. Sourav Paul 07/05/2024
15. Sougata Rudra 7/5/2024
16. Pulak Sinha Roy 7/5/24
17. Tushnik Sarkar 7/5/24
18. Rathin Roy. 07/05/24

Dr. B. C. Roy Engineering College
Faculty of Management Studies (FMS)
Meeting held on *30th April,2024*
Time: 4:00 pm
Meeting held at: Board Room, Mohalonobis Bhavan

Action taken on the following agenda items:

Agenda Item I: Dr. Somroop Siddhanta initiated the process of institutional membership of AIMS by speaking with the Regional Vice President of AIMS Prof. R.K Patra. The total charges for the Institutional Lifetime membership is estimated to be around Rs.30680 including GST.
Dr. Arunava Mookherjee also initiated the process of Institutional Lifetime membership of the Analytics Society of India. The charges of ASI are estimated to be Rs. 25000 including GST. A revision of the departmental budget has been already proposed along with these additional expenses. The same have been approved by the Management of BCREC and the process of enrolment is on the way.

Agenda Item II: The faculty members have duly started to nurture their connections to get them overboard for the exclusive Advisory board for FMS

Agenda Item III: The faculty members have duly started to nurture their connections to tie-up with various other B-Schools across the country.

Agenda Item IV: The faculty members of FMS have duly taken the initiative to explore their foreign connections for the Collaborations and academic Exchange Programme.

Agenda Item V: The following resource persons have been contacted by the faculty members for the FDP on AI and Next-Gen Business in July, 2024.

Sl. No	Resource Person	Affiliation	Area	Contacted by
1	Dr. Sanjit Roy	Edith Cowan University, Perth, Australia	AI in Marketing	Dr. Bijoy Gupta
2	Dr. Surojit Mukherjee	VGSOM, IITKGP	Futuristic IT	Dr. Somroop Siddhanta
3.	Dr. Ramesh Bhatt	Director, NMIMS, Mumbai	AI in Finance	Dr. Bhaswati Roy
4.	Dr. Sahadeb Sarkar	IIM (C) Kolkata	Analytics	Dr. Bhaswati Roy
5.	Dr. Chandrahauns Chavan	Jamnalal Bajaj IMS ,Mumbai	AI & Futuristic IT	Dr. Arunava Mookherjee
6	Dr. Supriya Pattanayak	Vice Chancellor, Centurion Uniiversity, Bhubaneswar	AI and Higher Education	Dr. Arunava Mookherjee
7.	Dr. Surojit Das	St. Xavier University, Kolkata	AI in Finance	Dr. Bijoy Gupta
8.	Dr. Pulkit Agarwal	MIT, California, USA	Artificial Intelligence	Dr. Bijoy Gupta
9	Mr. Somnath Chatterjee	Delloitte , Florida, USA	Education and AI	Prof. Krishna Roy
10.	Mr. Anindya Chatterjee	VP, Deutsche Bank, Mumbai	Marketing & AI	Prof. Niloy K. Bhattacherjee

Arunava Mookherjee

Dr. B. C. Roy Engg. College FMS Fuljhore, Durgapur

Somroop Siddhanta

Which definitely is a judicious assortment of International and national speakers. Further interactions would be required for finalisation of the slots.

The organising committee too has been temporarily formulated as follows:

Chief Patron: Shri Tarun Bhattachrya
Advisors: Prof (Dr.). Saikat Maitra, Prof (Dr.) Sanjay Pawar
Chairman: Prof. (Dr.) Somroop Siddhanta
Convener: Dr. Indrani Sengupta
Co-convener: Prof. Subhsis Datta
Secretary: Prof. Sayanti Samanta
Treasurer: Dr. Bijoy Gupta
Co-ordinator (Registration) – Dr. Arunava Mookherjee
Program Co-ordination:

Day 1 – Dr. Sandip Mukherjee
Day 2 – Prof. Niloy K. Bhattacherjee
Day 3 – Prof. Krishna Roy
Day 4 – Dr. Bhaswati Roy
Day 5 – Prof. Sayanti Samanta

Agenda Item VI: The Semester end course feedback was discussed one-on-one with each faculty by the HoD and the Co-ordinator of Departmental Academic Committee for both the IIIrd and 1st Semester courses.

IIIrd Semester

	CO-PO Relevance - Information	Syllabus Covered	teacher's approach	sessions were interactive	Fairness of the internal evaluation	Continuous Assessments (CA) Performance discussed	illustrate-examples and applications.	identify-strengths and encourage	identify-weaknesses and help you to overcome them.	Teacher use ICT tools	solve real life/industry specific problems/societal needs.	overall quality of teaching-learning process-very good.	Average
FM301	96.67%	96.67%	100.00%	98.33%	100.00%	98.33%	100.00%	98.33%	98.33%	100.00%	100.00%	98.33%	98.75%
FM302	100.00%	94.44%	100.00%	100.00%	100.00%	97.22%	100.00%	97.22%	100.00%	100.00%	100.00%	100.00%	99.07%
FM304	96.25%	88.75%	92.50%	96.25%	96.25%	98.75%	98.75%	98.75%	97.50%	96.25%	91.25%	97.50%	95.73%
HR301	100.00%	100.00%	96.88%	96.88%	100.00%	96.88%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	99.22%
HR303	100.00%	100.00%	96.43%	100.00%	100.00%	100.00%	96.43%	92.86%	100.00%	96.43%	96.43%	96.43%	97.92%
HR304	88.89%	97.22%	91.67%	91.67%	94.44%	88.89%	94.44%	88.89%	91.67%	94.44%	94.44%	88.89%	92.13%
MB301	98.36%	95.90%	93.03%	94.26%	96.31%	95.49%	96.31%	94.67%	96.31%	97.92%	93.44%	97.13%	95.76%
MB302	95.21%	90.96%	95.21%	95.21%	95.74%	91.49%	96.28%	93.09%	94.15%	94.68%	94.68%	94.68%	94.28%
MM301	96.88%	94.79%	95.83%	92.71%	95.83%	92.71%	93.75%	93.75%	93.75%	96.88%	92.71%	94.79%	94.53%
MM302	100.00%	99.75%	98.44%	100.00%	100.00%	96.88%	96.88%	100.00%	100.00%	100.00%	98.44%	100.00%	99.20%
MM303	93.18%	92.05%	92.05%	90.91%	93.18%	95.45%	92.05%	94.32%	95.45%	98.86%	95.45%	95.45%	94.03%
MM304	100.00%	93.75%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	99.48%
FMS AVERAGE	97.12%	95.36%	96.00%	96.35%	97.65%	96.01%	97.07%	95.99%	97.26%	97.95%	96.40%	96.93%	96.68%

Following the instructions of the Chief advisor all faculty members have been advised to stick to the case-based and simulation methods of course roll-out. Dr. Arunava Mookherjee and Dr. Siddhanta

Arunava Mookherjee

Somroop Siddhanta

additionally, co-ordinated with the Harvard Business Publishing Education Ltd. and got the free premium Educator accounts activated for all faculty members wherein the faculty members can have a free access to the teaching cases with teaching notes. Dr. Siddhanta advised all faculty members to make use of these cases in the classroom teaching for enhanced effectiveness.

1st Semester

	CO-PO Relevance - Information	Syllabus Covered	teacher's approach	sessions were interactive	Fairness of the internal evaluation	Continuous Assessments (CA) Performance discussed	illustrate-examples and applications.	identify-strengths and encourage	identify-weaknesses and help you to overcome them.	Teacher use ICT tools	solve real life/industry specific problems/societal needs.	overall quality of teaching-learning process-very good.	Average
MB 101	99.58%	97.88%	97.03%	94.92%	96.19%	97.03%	97.46%	95.34%	96.61%	94.92%	96.19%	96.61%	96.65%
MB 102	99.46%	98.91%	96.74%	95.11%	96.20%	96.74%	97.83%	97.28%	97.83%	97.28%	95.65%	96.20%	97.10%
MB 103	99.46%	98.37%	97.83%	95.65%	96.20%	97.28%	99.46%	98.91%	97.83%	98.91%	97.83%	96.74%	97.87%
MB 104	97.50%	97.50%	95.00%	95.00%	97.00%	97.50%	95.50%	96.00%	97.00%	97.50%	96.00%	97.00%	96.54%
MB 105	96.93%	94.74%	94.74%	93.86%	96.49%	96.05%	95.61%	96.49%	94.74%	94.30%	95.18%	95.61%	95.39%
MB 106	98.61%	98.61%	96.76%	95.83%	97.69%	96.76%	98.61%	96.30%	96.76%	98.15%	96.76%	96.76%	97.30%
FMS Average	98.59%	97.67%	96.35%	95.06%	96.63%	96.89%	97.41%	96.72%	96.79%	96.84%	96.27%	96.49%	

Prof. Siddhanta has already taken the initiative of preparation of the proposal for the "Train-the-Trainer" program of Harvard Business Publishing Education in association with Yangpoo Education. The same is awaiting approval of the higher authorities of BCREC.

Agenda Item VII: Dr. Bijoy Gupta and Dr. Somroop Siddhanta got in touch with Mr. Subhayu Das of BSE (Kolkata) and have collected their course propositions from their end. The same is subject to deliberations at the faculty end for further implementation.

Somroop Siddhanta

Arunava Mookherjee

Dr. Arunava Mookherjee
Coordinator - Academic Committee (FMS)
Date:10th May, 2024

Dr. B. C. Roy Engg. College FMS Durgapur

Dr. B. C. Roy Engineering College, Durgapur
Department of Computer Applications (MCA)

Jemua Road, Fuljhore, Durgapur -713206

Affiliated to MAKAUT, Approved by AICTE, Accredited with 'B+' Grade by NAAC

BCR/MCA/2023-24/DAC-06

DAC on 30th Jan 2024 @ 03.00PM at Departmental Meeting room.

Agendas:

- Department previous year budget utilization.
- Budget preparation for 2024-25
- List of events to be conducted.
- External examiner for Lab.
- Even semester planning.
- Academic and non-academic goal set for department.
- Placement & Industrial visit.
- Other relevant issues. (ATR on ODD Sem Feedback)

Members Present:

Name	Designation	Signature with Date
DR. PABITRA KUMAR DEY	Asso. Prof. & HoD	PDey 30/01/2024
DR. FALGUNI CHAKRABORTY	Asst. Prof.	Falg 30/01/24
PROF. DEBASIS GUHA	Asst. Prof.	30/01/2024
PROF. ANSUMAN MAHANTY	Asst. Prof.	30/01
PROF. SUBHRANGSU CHANDRA	Asst. Prof.	30/01/24
PROF. UDAY KUMAR BANERJEE	Asst. Prof.	30/01/24
PROF. ANUPAM BAIDYA	Asst. Prof.	30/1/24
PROF. PRADIPTA PAL	Asst. Prof.	Pradipta Pal
MR. PARTHA PRATIM CHOUDHURY	Sr. TA	P. P. Choudhury 30/01/24
MR. CHAYAN MUKHERJEE	Off. Asst.	

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BCR/MCA/2023-24/DAC-06

To whom it may concern

This is for the information to all concerns that a departmental meeting with the following agendas has been called by HoD, MCA at Seminar Hall, MCA Department meeting room from 03:00PM, 30-01-2024. Hereby all members are requested to attend the meeting at above mentioned venue.

Agendas:

- **Department previous year budget utilization.**
- **Budget preparation for 2024-25**
- **List of events to be conducted.**
- **External examiner for Lab.**
- **Even semester planning.**
- **Academic and non-academic goal set for department.**
- **Placement & Industrial visit.**
- **Other relevant issues.** (ATR on ODD Sem Feedback)

29/01/24.

(SUBHRANGSU CHANDRA)
Meeting Convener, MCA Department

Date: 01.08.2024

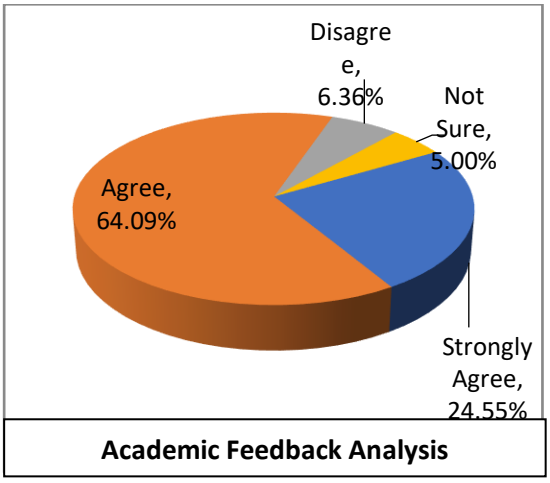
A DAC meeting took place on 1st August, 2024 at 11.00AM in the Departmental meeting room to discuss in details and finalize the Action Taken Report based upon Feedback on Academics, Feedback on facilities taken for the Academic Year 2023-24. The feedback was submitted in the college website online by 55 students of the Computer Applications Department.

Following are the major points of the Action Taken Report:

Action Taken Report based upon Feedback on Academics for the AY 2023-24

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 counseling 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 current technologies and participate in tech-fest and Hackathons held at various organizations and industries.
3. The career counseling cell conducts group discussion sessions, spoken English classes and tries to improve the overall body language of the students. Proper counseling through training is 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. Workshops/seminars/webinars needs to be organized at the institute / department level to bridge industry academia gap and student participation at high level needs to be ensured.
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 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 2023-24

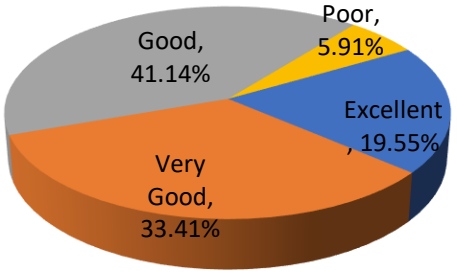
Most of the students were very satisfied with the various facilities like laboratory facility, library facility. Hostel facility (if applicable), Sports facility, Water facility, Cleanliness and Hygiene facility.

Suggestions from students:

1. While most of the students were satisfied. Few students felt that the canteen facility is not up to the mark and needs little improvement.
2. A good section of students (around 10%) have suggested the improvement of Internet facility in terms of speed and connectivity.
3. Few 1st year students (8% to be precise) raised their concern about the water facility.
4. Few students of First Year suggested improving the Cleanliness and Hygienity issues.
5. Some students of 1st year students raised their concern about the canteen facility.

Following are the major points of the Action Taken Report:

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



Facility Feedback Analysis

DR. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

MECHANICAL ENGINEERING DEPARTMENT

NOTICE

30/04/2024

Dear All ME Faculty,

HOD (ME) has called the 114th DAC meeting on 2nd May, 2024 at 2:30 PM in the Departmental Library. Agenda of the meeting is given below.

Agenda:

1. Feedback analysis & Action taken Report.
2. Budget 2024-25.
3. R & D Activity
4. Present Odd sem course completion status.
5. GATE class
6. Atal FDP
7. Internship
8. Status of UG/PG Projects.
9. Others, if any, with the permission of the Chairperson of the house

Thanking you,

Dr. Subrata Samanta
Associate Professor
(DAC Convener)
ME Department
BCREC

DR B. C. ROY ENGINEERING COLLEGE, DURGAPUR
MECHANICAL ENGINEERING DEPARTMENT

Date: 03.05.2024

Minutes of the 114th Departmental Academic Committee (DAC) Meeting (ME) held at the Departmental Library of Mechanical Engineering Department on Thursday, 2nd May 2024 at 02:30 P.M.

Faculty members present:
1) Prof. (Dr.) Chandan Chattoraj 2) Prof. (Dr.) Kanchan Chatterjee 3) Prof(Dr) Subrata Samanta 4) Prof(Dr) Arijit Banerjee 5) Prof.(Dr) Manoj Kundu 6) Prof Chitta Sahana 7) Prof.(Dr.) S. C. Moi 8) Prof. Siddhartha Bhowmick 9) Prof.Arka Banerjee 10) Prof.(Dr.)Rajeev Ranjan 11) Prof.Rakesh Biswas 12) Prof. Deepak Kumar 13). Prof Koushik Chatterjee 14) Dr Rupali 15) Dr Pabitra Mondal 16) Prof. Subhajit Bhattacharya.

Agenda:

1. Feedback analysis & Action taken Report.
2. Budget 2024-25.
3. R & D Activity
4. Present Odd sem course completion status.
5. GATE class
6. ATAL FDP
7. Internship
8. Status of UG/PG Projects.
9. Others, if any, with the permission of the Chairperson of the house

Minutes of the meeting are as follows:

1. Action taken report on student's feedback is discussed and approved unanimously.

2. It has been discussed about the purchasing procedure of new lab equipment and lab maintenance to be completed by the month of July for approved budget of FY2024-25.

3. It has been decided that faculty members will focus on publication including student-members in reputed peer reviewed journals and conferences.

4. All faculties have explained about the current odd semester course coverage of each subject. All courses are almost in completion stage.
5. Status of continuation of GATE classes is also discussed.
6. Organizing of ATAL FDP tentatively in September 24 is discussed.
7. Status of 6th semester student's internship program and final year UG/PG projects and its evaluation (PPT presentation and Viva) process are discussed.

The meeting ended with vote of thanks.

Dr.Subrata Samanta
(Convener, DAC)

Dr.Chandan Chattoraj
(Chairperson, DAC)

H.O.D. / M.E.
Dr. B. C. Roy Engg. College, Durgapur

114th DAC meeting held on 02/05/2024 at Dept. Library.

Agenda:—

Member Present:-	Signature
(1) Dr. Chandan Chatterjee.	02/5/2024
(2) Dr Kanchan Chatterjee.	02/05/2024
(3) Dr Subrata Samanta.	2/5/24
(4) Dr Arijit Banerjee.	02.05.2024.
(5) Dr Manoj Kundu.	2.5.24
(6) Dr Rupali.	02/05/2024
(7) Dr. S.C. Moi.	02/5/24
(8) Dr. Rajeev Ranjan.	02/05/24
(9) Dr. P.K. Mandal.	02.05.24
(10) Prof Subhajit Bhattacharya.	02.05.2025.
(11) Prof Suman Karmakar.	
(12) Prof Chitta Sahana.	2.5.24.
(13) Prof Siddhatha Bhowmick.	2/5/24
(14) Prof Arpita Banerjee.	02/05/24
(15) Prof Rakesh Biswas.	02/05/2024
(16) Prof Deepak Kumar.	02/05/2024.
(17) Prof Koushik Chatterjee.	02/05/2024

DR . B .C. ROY ENGINEERING COLLEGE, DURGAPUR
MECHANICAL ENGINEERING DEPARTMENT

DATE : 29.04.2024

Action taken report for semester end feedback given by students for AY 2023-24

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	Did you acquire any new technical or scientific knowledge?	Students are involved in the research works which are published in journals and attending various conferences with faculties in premium institutions. So students are getting acquainted with new concepts.
2	Are you able to apply the knowledge and skills you gained in real life problem solving?	Projects related to the industry are given to the students so that they can apply their skills.
3	Are the subjects you studied relevant to the current industry need?	Many elective subjects are taught thoroughly which covers current industry needs along with Add-on course is also introduced.
4	Availability and adequacy of modern tools in the laboratories?	Steps are already implemented for the modernization of Laboratories by purchasing new software (CREO) and equipments such as computerized diesel engine, advanced customized pneumatic trainer, Fusion 360.
5	Are the experiments/practical prescribed in the subjects/courses helpful for your future?	Involvement with Companies is frequent and as a result the areas identified where students are lagging in view of practical exposure got improved.
6	How is the mentorship and counseling process in the department?	Faculty members are easily approachable, cooperative and friendly and deal with patience so that students can converse with faculty members without fear. These improve mentorship and counseling process.
7	How is the overall learning environment?	Institute is planning to improve the depth of knowledge of basic sciences and communication skills of students to produce competent engineer. Also classes for preparation of GATE is introduced.
8	Did you improve your communication skill?	Spoken English classes and Group Discussions introduced to improve communication skills.
9	Are the teachers able to demonstrate the required knowledge and skills?	The students are taught thoroughly any subjects starting from the basic. Qualities of teachers get improved by FDP.
10	Is the pedagogy used by the teachers effective and interesting?	Faculties explain different topics through examples, practical application.

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Mechanical Engg. Dept.
DURGAPUR-713206

11	Are the opportunities provided for co-curricular and extracurricular activities?	Students are involved in MAR, NSS activities.
12	Are events (workshop/seminar/webinar etc.) conducted for the holistic development of the students and to bridge industry-academia gap?	Workshop in collaboration with companies are frequently organized for the students. IDEA Lab is established to familiarize students about modern technologies.

Feedback on Facilities

	FEED BACK STATEMENT	ACTION TAKEN
1	Class room facility	Class rooms are clean, spacious and full of lights.
2	Laboratory facility	Continuous up gradation of Laboratories is the usual practice of this Institute.
3	Library facility	Budget is increased to purchase more books and reputed journals recommended as per university updated syllabus.
4	Hostel facility (if applicable)	Good hostels are provided.
5	Sports facility	Every year indoor and outdoor games are organized.
6	Water facility	Clean water facilities are available in premises.
7	Cleanliness and Hygiene	Efforts are given to maintain cleanliness & hygiene in the campus. A good Medical unit is also present in the campus.
8	Canteen facility	Many homely and hygienic foods are included in the college canteen.
9	Internet facility	The WiFi routers are checked and necessary repaired work is done.

DR . B .C. ROY ENGINEERING COLLEGE, DURGAPUR
MECHANICAL ENGINEERING DEPARTMENT

DATE : 29.04.2024

Action taken report for course end feedback given by students for AY 2023-24

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?	Special classes are arranged to cover maximum syllabus.
3	The teacher's approach to teaching can best be described as	Faculty members are co-operative and always helpful beyond class hour.
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	For internal evaluation answer papers are checked through Digital Evaluation System (DVS).
6	Was your performance in Continuous Assessments (CA) & Practical Continuous Assessments (PCA) discussed with you?	Faculty members identify weak students and pay special attention to them in remedial class.
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.	Regular counseling is done by mentors for their overall development.
10	Teacher used ICT tools (Projectors/Screens/Multimedia demonstration slides, Interactive online tools etc.) while teaching	Digital class room is regularly used for teaching.
11	The knowledge from the course can be applied to solve real life/industry specific problems/societal needs.	Workshop in collaboration with companies are frequently organized for the students. IDEA Lab is established to familiarize students modern technologies.
12	The overall quality of teaching-learning process of this subject is very good.	Many students are placed every year in reputed companies.

Dr. B. C. Roy Engineering College Durgapur
Department of CSE(Artificial Intelligence and Machine Learning)

Office Notice

Date: 05th August, 2024

A departmental meeting will be held on 7th August, 2024 at CSE(AIML) HoD room to discuss the following points.

1. Discuss and finalize the Action Taken Report (ATR) based on the even semester end feedback received on academics and facilities provided for the academic year 2023-24.
2. Discussion on course end feedback of the even semester of AY 2023-24

Prof. Biswajit Saha
Convener
Departmental Academic Committee
Department of CSE(AIML)
BCREC, Durgapur

Dr. B. C. Roy Engineering College Durgapur
Department of CSE(Artificial Intelligence and Machine Learning)

Ref: BCREC/CSE(AIML)/DAC/MOM-2/2024-25

Members present:

Dr. Gour Sundar Mitra Thakur	Associate Professor and HoD, CSE(AIML)
Prof. Biswajit Saha	Assistant Professor
Prof. Arnab Banerjee	Assistant Professor
Prof. Atin Mukherjee	Assistant Professor
Prof. Suman Dasgupta	Assistant Professor
Mr. Mr. Sourabh Hajra	Technical Assistant

Minutes of the Departmental Academic Council (DAC) Meeting held on 07/08/2024

A meeting was held on 7th August, 2024 at CSE(AIML) HoD room to discuss the even semester end feedback received from students on academic and facilities provided for AY 2023-24. The feedback was taken online on the college website. 28 students of CSE(AIML) first year and 27 students from CSE(AIML) 2nd year and 26 students from CSE(AIML) 3rd year have given their semester end feedback.

Action taken report based on EVEN semester end feedback on academics for AY 2023-24

The feedback from students reflects their successful acquisition of new technical and scientific knowledge, with an ability to apply these skills effectively. Overall, they find the curriculum well-aligned with current industry standards.

The mentoring methods and the overall learning environment are deemed satisfactory, and students appreciate the pedagogical approaches used in both classrooms and laboratories. Additionally, the modern tools available in the laboratory are considered adequate. However, there is a recognized need for more co-curricular and extracurricular opportunities. Expanding these activities could further enrich the students' educational experience.

Following are some steps taken in this regard.

- Students are being introduced to advanced AI and IoT tools, enabling them to engage in research and projects that tackle real-world societal challenges.
- Emphasis is placed on the effective utilization of high-end computing resources to enhance technical proficiency.
- The department is organizing a three-day webinar series on "AI in Healthcare," featuring eminent speakers from the healthcare industry who will share their expertise to broaden students' understanding of current industry trends.

- Students are encouraged to participate in technical festivals and hackathons, providing them with opportunities to apply their skills and concepts in competitive environments.
- Engagement in at least one student chapter or club is strongly encouraged to foster collaborative learning and professional development.
- Holistic development initiatives are being implemented, motivating students to participate in activities such as sports, NCC, NSS events, karate, and yoga sessions.

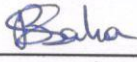
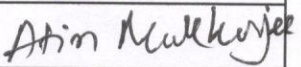
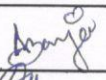
Action taken report based on EVEN semester end feedback on facilities for AY 2023-24

The feedback reveals that the majority of students are satisfied with the institutional amenities, including classrooms, laboratories, internet access, hostel accommodations, canteen services, and water supply. The cleanliness and hygiene standards within the institute are also considered satisfactory. However, there is a need for improvements in internet connectivity.

Here are some steps already undertaken to augment the facilities for students:

- A dedicated Wi-Fi router and optical fiber connection have been installed this year to enhance network connectivity within the department.
- A central UPS facility is available in both laboratories, ensuring uninterrupted power supply during critical operations.
- Additional equipment has been procured to broaden students' exposure and support ongoing research activities.
- A dedicated tutorial room has been allocated specifically for student use, facilitating focused learning sessions.
- Greater emphasis is being placed on the regular cleaning and maintenance of laboratories and classrooms to uphold hygiene standards.

Signatures of the members present in the DAC meeting held on 07/08/2024

Sl No	Name of the faculty/TA	Signature
1	Prof. (Dr.) Gour Sundar Mitra Thakur	
2	Prof. Biswajit Saha	
3	Prof. Atin Mukherjee	
4	Prof. Arnab Banerjee	
5	Prof. Suman Dasgupta	
6	Mr. Sourabh Hajra	

Dr. B. C. Roy Engineering College, Durgapur

Department of Computer Science & Engineering

Ref: BCREC/CSE /DAC/2024-25/Odd/001 **Date: 08/08/2024**

A Special DAC meeting took place on the 8th of August 2024 at 3:00 PM to discuss in detail and finalize the Action Taken Report based upon Feedback on Academics and Feedback on Facilities for the even semester Academic Year 2023-24. The feedback was submitted in the college website online by students of the Computer Science and Engineering Department. The following are the major points of the Action Taken Report:

- **Action Taken Report based upon Feedback or Academics for the even semester, AY 2023-24**

Feedback on gaining new scientific or technical knowledge shows good adaptation in the teaching and learning process. Students were able to use their knowledge and talents to solve issues pertaining to their area of study. The effective and engaging lessons were much appreciated by the students. Students have acknowledged that the specified curriculum and laboratory experiences are relevant to the needs of the present economy and that the lab is equipped with the necessary modern instruments and facilities. The procedures for student mentoring and counselling received favourable feedback. Students' general communication abilities also got better.

- **Action Taken Report based upon Program End feedback (Exit Survey) for 2024 Pass out Batch, AY 2023-24**

The program end feedback was taken from the 2024 pass-out batch. The feedback was submitted on the college website by the outgoing fourth-year students of the computer science and engineering department. Most of the students were very satisfied with various aspects of the teaching-learning mechanism and overall academic growth-related indices provided by the department. Around 90% of the students felt that they have developed the ability to apply the knowledge of mathematics, science and engineering fundamentals to solve complex engineering problems. Around 80% of students felt that they were able to apply research-based knowledge and research methods, including design, analysis and interpretation of data. Almost 93% of the students agreed that they understand the impact of professional engineering solutions in societal and environmental contexts. 85% of the students felt that they were able to function effectively as individuals and as members or leaders.

In view of identifying the gap in the achievement as per the requirement of various stakeholders following are the major points of action taken:

1. To help undergraduate students understand the challenges and opportunities of the industry, lectures by working professionals will be arranged from time to time.
2. Workshops are going to be arranged where the students will be trained in popular languages and trending areas.
3. More career guidance-oriented lectures and soft skill development sessions would be conducted throughout the program curriculum.
4. More industry site visits are going to be arranged by the department.
5. Faculties are advised to undertake more experimental-oriented teaching-learning sessions and to use ICT for teaching-learning purposes to create a smart learning environment.
6. The department has decided to provide all students with add-on certificate courses, along with other

programs, which will help close the gap between industry demands and academic standards.

7. Specific remedial classes going to be arranged for the slow learners based on their requirements.
8. The placement and guidance cell will be advised to introduce different TBT and SST-based training methods to prepare students for different campus drives and job interviews.
9. It has been agreed to encourage more students to take part in tech fests, Hackathons, and coding competitions held by various institutions and organizations.
10. Additional classes will be arranged to provide appropriate guidance and training to help students get ready for internship possibilities and competitive exams like GATE, CAT, GRE, IES, etc.

- **Action Taken Report based upon Course End feedback, AY 2023-24**

The course end feedback was taken from 1st, 2nd, 3rd and 4th year students about the courses they have studied in the even semester of the AY 2023-24. The feedback was submitted through the college website.

Questions asked	Student's feedback	Action Taken
How much of the syllabus was covered in the class?	84% of the students agreed **that** about 75% of the syllabus **had** been covered	Faculties are advised to take **additional** classes to complete the syllabus
How well did the teachers prepare for the classes?	90% of the students are quite satisfied with the preparation of teachers during classes	Faculties are advised to use ICT for **teaching-learning purposes** to create **a** smart learning environment
How well were the teachers able to communicate?	83% of students are satisfied with the **teacher's** communication	It has been advised **that the classes be made more interactive**
The teacher's approach to teaching can best be described as	87% of the students are satisfied with the teaching approach	Teachers are advised to adopt **a** more **interactive** approach to teach
Fairness of the internal evaluation process by the teachers	82% of the students are satisfied with the internal evaluation process	It is advised to **re-evaluate** a student in case of any dissatisfaction identified among the students about the evaluation process
Was your performance in assignments discussed with you?	88% of the students agreed that the discussion had taken place for the assignments given to the students	Teachers are advised to focus more on continuous evaluation
The institute takes active interest in promoting internship, student exchange, field visit opportunities for students	67% of the students agreed about the institute's active interest in promoting internship	The department takes necessary action to promote different internship programs for the betterment of the students
The institute/ teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences	70% of the students agreed that teachers use student-centric methods for enhancing learning experiences	Teachers are advised to take different teaching-learning methodologies to make the learning process more student-centric
Teachers are able to identify your weaknesses and help you to overcome them	76% of the students said that teachers identify their weaknesses and help them to deal with that	Teachers are advised to identify the strengths and weaknesses of students and take remedial classes to overcome students' weaknesses and provide the right level of challenges
The teachers illustrate the concepts through examples and applications.	84% of the students agreed with the explanation of concepts through proper examples	Teachers are advised to illustrate concepts through examples.

- **Action Taken Report based upon Feedback on Facilities for the even semester, AY 2023-24**

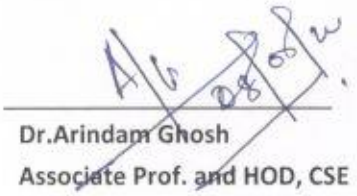
The majority of students expressed satisfaction with the different facilities, including the lab, library, hostel (if appropriate), and sports facilities. Water, sanitation, and hygiene facilities.

Student recommendations:

1. While the majority of students expressed satisfaction, a small minority of students (7.9%) believed that the canteen facilities could be improved.
2. A small number of first-year students had some problems with the hostel amenities.

The students were given the assurance that any complaints (if any) with the dorm and canteen amenities will be brought up at the proper forum and addressed as soon as feasible.

Prof. Syed Zahir Hasan
Assistant Prof. and
Convener of Departmental Meetings.



Dr.Arindam Ghosh
Associate Prof. and HOD, CSE

EPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FACULTY LIST

.No.	NAME	DESIGNATION	Signature
1	Dr. Arindam Ghosh	Associate Professor	
2	Dr. Anirban Bose	Assistant Professor	
3	Dr. Sumana Kundu	Associate Professor	
4	Dr. Deepa Naik	Assistant Professor	
5	Prof. Chandan Das	Assistant Professor	
6	Prof. Bappaditya Das	Assistant Professor	
7	Prof. Hiranmay Samaddar	Assistant Professor	
8	Prof. Suvobrata Sarkar	Assistant Professor	
9	Prof. Saindhab Chattaraj	Assistant Professor	
0	Prof. Amitabha Mandal	Assistant Professor	
1	Prof. Sabbir Reza Tarafdar	Assistant Professor	
2	Prof. Kalpana Roy	Assistant Professor	
3	Prof. Biswajit Mondal	Assistant Professor	
4	Prof. Biswadev Goswami	Assistant Professor	
5	Prof. Sanjib Saha	Assistant Professor	
6	Prof. Syed Zahir Hasan	Assistant Professor	
7	Prof. Anandaprova Majumder	Assistant Professor	
8	Prof. Ruma Ghosh	Assistant Professor	
9	Prof. Biswajit Saha	Assistant Professor	
0	Prof. Rajib Kumar Mondal	Assistant Professor	
1	Prof. Joyjit Patra	Assistant Professor	
2	Prof. Sovan Bhattacharya	Assistant Professor	
3	Prof. Paragkanti Chattopadhyay	Assistant Professor	
4	Prof. Susanta Karmakar	Assistant Professor	
5	Prof. Monalisa Chakraborty	Assistant Professor	

Gmail suman bhattacharjee <suman.bhattacharjee@bcrec.ac.in>

A departmental meeting will be held on Wednesday (14-08-2024) from 2:30 pm onwards at OBE Lab 1

1 message

moumita pradhan <moumita.pradhan@bcrec.ac.in> Tue, Aug 13, 2024 at 11:31 AM
To: suman bhattacharjee <suman.bhattacharjee@bcrec.ac.in>, "Mr. Debojyoti Saha" <debajyoti.saha@bcrec.ac.in>, "Mr. Sandip Chakraborty" <sandip.chakraborty@bcrec.ac.in>, "Mr. Rupak Kumar Ghosh" <rupak.ghosh@bcrec.ac.in>, "Mr. Basudev Chakraborty" <basudev.chakraborty@bcrec.ac.in>, "Prof. Manas Kumar Roy" <manas.roy@bcrec.ac.in>, "Prof. Md. Keramot Hossain Mondal" <keramot.hossain@bcrec.ac.in>, Dinesh Pradhan <dinesh.pradhan@bcrec.ac.in>, "Prof. Prabal Kumar Sahu" <prabal.sahu@bcrec.ac.in>, ram prasad Chakraborty <durgapurblog@gmail.com>, santanu goswami <santanu.goswami@bcrec.ac.in>, "Prof. Paramita Manna" <paramita.manna@bcrec.ac.in>, "Prof. Priyanka Roy" <priyanka.roy@bcrec.ac.in>, moumita pradhan <moumita.pradhan@bcrec.ac.in>

Respected sir / madam

A departmental meeting will be held on Wednesday (14-08-2024) from 2:30 pm onwards at OBE Lab 1.

The agenda of the meeting is as follows:

1. Action taken report based on student feedback.
2. Progress of B.Tech Projects (Standing agenda).
3. Continuous maintenance of documentation for accreditation and other purposes (Standing agenda).
4. Identifying the deficiencies in Graduate Attributes, weak and strong students and corresponding remedial actions (Standing agenda).
5. Any other agenda raised by committee members for discussion.

Thank you.
Dr. Moumita Pradhan
(Convener of DAC / PAQIC)

Department of Information Technology
Dr. B. C. Roy Engineering College Durgapur

Action Taken Report

Academic Year **2023-2024**

A DAC/PAQIC meeting was convened on 14th August 2024, at 02:30 pm in IT OBE LAB-1, to deliberate on the Action Taken Report, drawing from the feedback on academics, facilities, and course end feedback for the Academic Year **2023-2024** EVEN Semester. The collective feedback, provided online by 172 students of the department has led to notable enhancements, with some actions being further streamlined for continuous improvement:

1. Free software Lists for emerging technologies are available in the laboratories and informed to students.
2. Students are periodically updated about the latest trends in emerging technologies by corresponding subject teachers and also centrally from the department.
3. Projects are ongoing since 2nd year, with the latest project problems in emerging technologies.
4. Webinars and seminars are periodically organised on the latest trends in the IT industry. Students are periodically updated about the latest trends in emerging technologies by corresponding subject teachers and also centrally from the department.
5. Students are continuously motivated by faculty members to participate in the learning process, including co-curricular activities.
6. Faculty members are involved in the regular updation of their knowledge through self-reading, active listening to videos, participating in top quality FDPs, seminar/webinars, and online courses.
7. Teachers regularly update themselves on modern pedagogy and try to implement them during the delivery of courses.
8. Teachers also do self-assessments regarding their pedagogy and adapt their pedagogy as per the requirements of each batch of students.
9. Teachers also try to provide personalised teaching, as far as practically possible.
10. Lots of opportunities are provided to students for co-curricular and extra-curricular activities.

Additionally, the DAC/ PAQIC and AAC has communicated the feedback of the students regarding the following facilities, to the concerned higher authorities, such as Water, Cleanliness and Hygiene, Canteen, Library, Internet, Hostel, and Sports facilities.

These actions are aimed at continuously improving the overall student experience and ensuring that the feedback provided is effectively incorporated into the department's practices.

DEPARTMENT OF INFORMATION TECHNOLOGY

Faculty & Staff list

Departmental meeting held on 14.08.2024 at 2.30PM OBE LAB 1.

Sl. No.	NAME	Signature
1	Dr. Suman Bhattacharjee (HOD)	14-08-2024
2	Prof. Prabal Kumar Sahu	14/08/24
3	Prof. Manas Kumar Roy	
4	Prof. Md. Keramot Hossain Mondal	
5	Dr. Moumita Pradhan	Moumita Pradhan 14.8.24
6	Dr.Dinesh K Pradhan	14/08/24
7	Prof. Priyanka Roy	
8	Prof. Paramita Manna	PManna 14/08/23.
9	Prof. Sandip Chakraborty	Sandip 14/08/23.
10	Prof. Ram Prasad Chakraborty	
11	Mr. Santanu Goswami	14/8/24
12	Mr. Rupak Kumar Ghosh	
13	Mr. Debajyoti Saha	
14	Mr. Basudev Chakraborty	

Dr. B. C. ROY ENGINEERING COLLEGE ★ Durgapur

Dr. B. C. Engineering College, Durgapur

Department of Computer Science and Design

Notice

Ref. CSD/DAC/.05..... Date: 05/06/2024.

This is for information of all concern that a meeting of the DAC will be conducted on June14, 2024 at 4:00 P.M. in the HOD room to propose corrective steps to be made based on student feedback.

Prof. R.K. Samanta
HOD

Dr. B. C. Engineering College, Durgapur
Department of Computer Science and Design

Minutes of Meeting

Ref. CSD/DAC/05 **Date: 14/06/2024.**

A DAC meeting was held on 14th June 2024 at 4 P.M. in the HOD room to examine and review the action taken report based on the input from the students for the academic year 2023–2024 regarding the academics and the facilities. 151 first-year, second year and third year CSD students in total have provided input, and the following observations are made:

Action taken report based upon the feedback on the Academics for AY 2023-24

From the student point of view, they are willing to accept Class-room teaching for their syllabus and modern technical or scientific information so that they gather knowledge and expertise to solve problems. In their field of study they expressed a highly positive degree of flexibility to acquire knowledge of global technology. Students appreciated the environment, the classroom sessions, and the teaching-learning methodology. Students have shown their interest in Laboratory experiments and practical sessions. They are satisfied with laboratory instruments and facilities which are appropriate towards current industry needs. They also acknowledged how helpful the department's mentorship and counseling programs applied to them. The majority of pupils now have more proficient communication abilities. Very few pupils are dissatisfied with their learning environment. Corrective action is being done to help these students to learn more effectively.

1. A technical club is proposed to form by students of the department with the name "**DEZINOVA**" to undertake various technical and professional activities other than regular classroom activities. Under this umbrella, students will organize seminars, workshops, coding, essay-writing, debate, discussion etc. on a regular basis to enhance their professional skills.
2. Students are motivated to organize seminars/workshops/Tech-quizzes on emerging technologies and to engage in project works in their field of interest during the early days of their professional course for imparting leadership and teamwork in them.
3. Students are encouraged to enhance their professional skills through participation in NPTEL/MOOCs courses, Hackathons etc.
4. Students are motivated to prepare for GATE/ CAT / Placement through participation in Counseling, Expert Talks, Coding contest, Placement training, Industry Interaction etc.
5. Students are engaged in NCC, NSS, Sports, Yoga, Karate etc. for imparting value education and their all-round development.

Action taken report based upon the feedback on the Facilities for AY 2023-24

Mostly students are satisfied with the facilities available in the institute namely - Classrooms, Laboratories, Hostel, Sports, Library, Canteen, Water and internet. Few students (around 12%) are not happy with the facilities.

Appropriate authorities discussed these issues with the students, and the issues are being addressed in order to find a workable solution.

CSD DAC Members for AY 2023-2024:

S.No	Name	Designation	Signature
1	Dr. Raj Kumar Samanta, HOD	Chairman	14/6/24
2	Mr. Swadhin Kr. Mondal, Asst. Prof.	Member	14/06/2024
3	Mr. Nasim Anjum Hoque, Asst. Prof.	Member	14/6/24.
4	Mr. PrasenjitMaji, Asst. Prof.	Member	14/6/24
5	Dr. Ardhendu sekhar Chattopadhyay Asst.Prof.	Member	14/6/24
7	Mr. Koustav Roy, Asst. Prof.	Member	14/06/24

Dr. B. C. Roy Engineering College

Department of Civil Engineering

Ref.: BCREC/CE/DAC/MOM-1/2024-25 **Date: 09.08.2024**

A Special DAC meeting took place on 8th August, 2024 at 4:30 PM at the Third Floor Smart Classroom to discuss in details and finalize the Action Taken Report based upon Course End Feedback (Even Semester), Feedback on Academics(Even Semester), Feedback on facilities(Even Semester)and Programme End Feedback (Exit Survey) taken for the Academic Year 2023-24. The feedback was submitted in the college website online by 131 students of the Civil Engineering Department including 26 students of first year, 32 students of second year, 32 students of third year and 41 students of fourth year.

Following are the major points of the Action Taken Report:

Action Taken Report based upon Feedback on Academics for the Even Sem AY 2023-24

Feedback related to acquiring new technical or scientific knowledge demonstrated positive adaptabilityin the teaching-learning methodology. Students were able to effectively apply their skills and knowledge to solve problems related to their field of study. Students highly appreciated the teaching sessions, finding them both effective and interesting.

Students agreed that the prescribed syllabus and laboratory experiments were relevant to current industry needs. They also appreciated the availability of modern tools and facilities in the laboratory, which met their requirements. Feedback related to student mentorship and counselling processes was positive. The overall communication skills of the students also improved.

Students valued the opportunities provided for co-curricular and extracurricular activities. They gave positive feedback about the events (workshops, seminars, webinars, etc.) conducted for their holistic development and to bridge the industry-academia gap.

1. The department has offeredfour 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 QGIS, LaTeX, Python programming.

3. Several activities and events like Seminar, Workshops, Interactive Sessions, Alumni Connect Programmes, site visits etc. have been conducted to cater to all round development

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of the students. In future, activity based calendar will be followed to arrange more such sessions and visits for holistic progress of the students.

4. 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.

5. 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 yearstudents to prepare them for placement opportunities and competitive exams like GATE, PSCs,CAT etc.

6. 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.

7. 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 Even SemAY 2023-24

Feedback on Academics was taken from the 1st to 4th year studentsfor the Even Semester 2023-24. The feedback was submitted in the college website online by 131 students of the Civil Engineering Department.

Most of the students were 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 internet facilities provided to the students need little improvement.
2. Feedback suggests that the hostel facility needs to be upgraded.
3. Positive responses were given regarding the sports facilities of the college.
4. The students were satisfied with the laboratory and library facilities.
5. Some of the students of first year were not happy with the canteen and internet facilities.

Following are the major points of the Action Taken Report:

1. Students were assured that their concerns related to hostel and canteen facilities would be addressed at the appropriate level. Any problems would be rectified, and facilities would be enhanced as soon as possible. The feedback was communicated to the Dean of Student Affairs so that it could be taken up for rectification through the Hostel Council.

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Action Taken Report based on Program End Feedback (Exit Survey) for2024Passout Batch

The Programme End Feedback (Exit Survey) was taken from the 2024passout batch. The feedback was submitted in the college website online by the outgoing fourth year41 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.95.12% students felt that they havedeveloped the ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineeringspecialisation for the solution of complex engineering problems, 95.13% students agreed that they were able to identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions, 95.12% students felt that they were able apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and theconsequent responsibilities relevant to the professional engineering practice, 97.57% students felt that they were able to able to understand the impact of the professional engineering solutions in societal and environmental contexts, anddemonstrate the knowledge of, and the need for sustainable development, about 95.13% students agreed that they were able to demonstrate knowledge and understanding of the engineering and management principles and apply those to their work, as a member and leader in a team, to manage projects and in multidisciplinary environmentsand more than 95.13% 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 inthe 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 Researchershave been arranged by the department from time to time.More such sessions will be conducted in future.

2. Fewseminar and 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. A seminar was arranged on Health Monitoring of Structures which was conducted by Industry expert.

4. Microsoft Project Training programme on Project Management was arranged for the students in the department to give basic insights on Project management.

5. Manyindustrial and fieldvisits have been arranged for the students. Also teachers have been advisedto undertake more experiential teaching learning sessions.

6. The faculties are now using ICT for teaching learning purposes to create smartlearning environment. Learning Management System has been applied in teaching to augment the learning atmosphere.

7. The courses are being recorded by the course coordinators and the recorded classes are being uploaded in the YouTube Channel for the benefit of the students.

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8. 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.

9. 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. Poster Exhibition for the fourth year project was arranged where industry experts and higher authorities were invited and students were provided valuable suggestions and guidance.

10. Slow Learners and Advanced Learners are given more attention according to theirneeds by arranging suitable remedial classes.

11. 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.

12. 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.

Action Taken Report based upon Course End Feedback Survey for the Even Sem AY 2023-24

The Course Feedback Survey for the 2nd, 4th, 6th and 8th semester students has been taken. Around 131 students have participated in the Course End Feedback and 1337 responses were received.

The course feedback process evaluates several key aspects of the teaching-learning experience, focusing on the effectiveness of communication regarding the course's relevance to its discipline, including course and program outcomes. It assesses the extent of syllabus coverage, ensuring that essential topics are thoroughly addressed. The teacher's teaching approach and classroom interactivity are reviewed to gauge their impact on student engagement. Fairness in the internal evaluation process is scrutinized, with transparency in discussing students' performances in Continuous Assessments (CA) and Practical Continuous Assessments (PCA). The teacher's ability to illustrate concepts through examples, identify students' strengths and weaknesses, and use ICT tools effectively is also evaluated. Additionally, the course is assessed on how well the knowledge gained can be applied to real-life, industry-specific problems or societal needs. Finally, the overall quality of the teaching-learning process is considered, summarizing the course's effectiveness and alignment with educational objectives. The feedback indicates that 53.88% students strongly agree with the

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proper implementation of overall teaching learning process and 34.66% students agree with the same. However analysis of course feedback, suggests that some modification and enhancement for the overall quality of teaching-learning process is required for introduction to fluid mechanics, surveying &geomatics, quantity survey estimation and valuation, surveying &geomatics lab.

The following action has been taken as a response to the feedback:

1. Teachers have placed a strong focus on highlighting the course relevance and outcomes, while actively seeking student feedback to maintain engagement. The pace of instruction is thoughtfully adjusted to cover the entire syllabus thoroughly, with additional support provided to students who need it. A variety of examples are employed to address different learning preferences, and on-going feedback is gathered to evaluate their impact.

2.The teacher's teaching methods could benefit from some enhancements. Additionally, there is room for improvement in the interactivity of classroom and lab sessions.

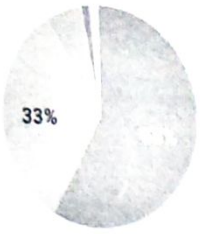
3. The evaluation criteria have been reassessed to ensure transparency and fairness. Ongoing discussions about assessments have been conducted regularly, providing extra support whenever necessary.

4. Recognizing student strengths and weaknesses, along with providing proper guidance and ongoing improvement, is a key focus. Individual sessions, mentoring, and extra doubt-clearing sessions are conducted effectively

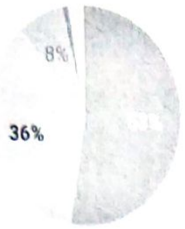
5. ICT tools such as projectors and multimedia slides have been utilized effectively. Additionally, practical examples, industry visits, guest lectures, industry interactions, and career counselling sessions have been successfully implemented.

Course Feedback Survey Summery

Department of Civil Engineering. Even Sem AY 2023-24

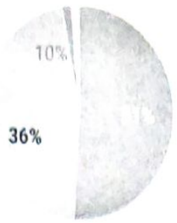


Discussion on relevance of the course to the discipline/stream and corresponding course outcomes and program outcomes.

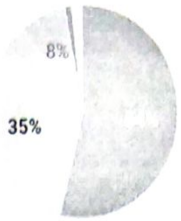


Full Syllabus was covered in the class.

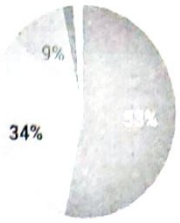
The teacher's approach to teaching excellently.



The classroom/lab sessions were interactive.



Fairness of the internal evaluation process.



Performance in Continuous Assessments (CA) & Practical Continuous Assessments (PCA) discussed.

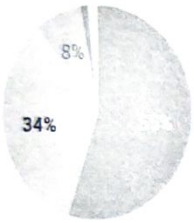
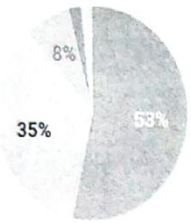
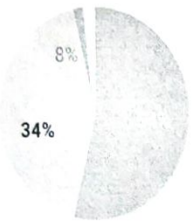


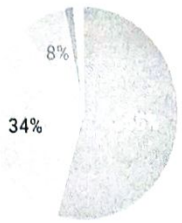
Illustration of concepts through examples and applications.



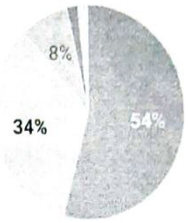
Strength identification and encouragement with providing right level of challenges.



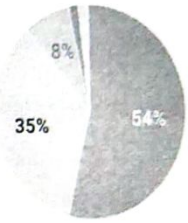
Weakness identification and help you to overcome them.



Usage of ICT tools ctors/Screens/Multi nstration slides etc.) teaching.



The knowledge from the course can be applied to solve real life/industry specific problems.



The overall quality of teaching-learning process of this subject is very good.

4 –Strongly agree
3 – Agree
2 – Neutral
1 – Disagree
0 – Strongly disagree

Signature of the members present in the DAC meeting held on 08/08/2024 :

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

Copy to:-

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

DR. B. C. ROY ENGINEERING COLLEGE Durgapur

DR. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

MECHANICAL ENGINEERING DEPARTMENT

NOTICE

13/08/2024

Dear All ME Faculty,

HOD (ME) has called the 116th DAC meeting on 13th July, 2024 at 4:30 PM in the Departmental Library. Agenda of the meeting is given below.

Agenda:

1. Feedback analysis & Action taken Report.
2. Status of UG/PG project
3. Present Odd sem course completion status.
4. Course structure of new syllebus
5. ATAL FDP
6. Academic Audit AY 2023-24.
7. Others, if any, with the permission of the Chairperson of the house

Thanking you,

Dr. Subrata Samanta
Associate Professor
(DAC Convener)
ME Department
BCREC

DR B. C. ROY ENGINEERING COLLEGE, DURGAPUR
MECHANICAL ENGINEERING DEPARTMENT

Date: 14.08.2024

Minutes of the 116th Departmental Academic Committee (DAC) Meeting (ME) held at the Departmental Library of Mechanical Engineering Department on Thursday, 13th July 2024 at 04:30 P.M.

Faculty members present:
1) Prof. (Dr.) Chandan Chattoraj 2) Prof. (Dr.) Kanchan Chatterjee 3) Prof(Dr) Subrata Samanta 4) Prof(Dr) Arijit Banerjee 5) Prof.(Dr) Manoj Kundu 6) Prof Chitta Sahana 7) Prof. Suman Karmakar 8) Prof. Siddhartha Bhowmick 9) Prof.Arka Banerjee 10) Prof.(Dr.)Rajeev Ranjan 11) Prof.Rakesh Biswas 12) Prof. Deepak Kumar 13). Prof Koushik Chatterjee 14) Dr Rupali 15) Dr Pabitra Mondal 16) Prof. Subhajit Bhattacharya.

Agenda:

1. Feedback analysis & Action taken Report.
2. Status of UG/PG project
3. Present Odd sem course completion status.
4. Course structure of new syllebus
5. ATAL FDP
6. Academic Audit AY 2023-24.
7. Others, if any, with the permission of the Chairperson of the house

Minutes of the meeting are as follows:

1. Action taken report on student's feedback is discussed and approved unanimously.

2. Status of final year UG/PG projects and its evaluation (PPT presentation and Viva) process are discussed.
3. All faculties have explained about the current odd semester course coverage of each subject. All courses have covered about 20% - 30%.

4. It has been discussed about the course structure of new syllabus to be followed from AY 2024-25.

5. Status of ATAL FDP to be organized in September 24 was discussed.

6. Status of Academic Audit of AY 2023-24 was also discussed.

The meeting ended with vote of thanks.

Dr.Subrata Samanta
(Convener, DAC)

Dr.Chandan Chattoraj
(Chairperson, DAC)

H.O.D. / M.E.
Dr. B. C. Roy Engg. College, Durgapur

DR . B .C. ROY ENGINEERING COLLEGE, DURGAPUR
MECHANICAL ENGINEERING DEPARTMENT

DATE : 12.08.2024

Action taken report for the program end feedback
for AY 2023 -24

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 engineering specialization 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?	Innovative projects related to the industry are taken up in the IDEA Lab where students can apply their skills.
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 environmental considerations?	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 involved in various projects under the guidance of faculties and encouraged to publish it in reputed journals.
5	Have you developed the ability to create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with 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	Lecture from entrepreneurs, management

	contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice?	schools or spiritual leaders is arranged 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 and receive clear instructions?	Students are encouraged to think and provide new solutions while doing projects. Complex problem solving during internal assessment given for presentation & report submission.
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?	Proposal is raised to organize different workshop to improve team building capabilities, communication skills and problem solving abilities.
12	Will you be able to recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change?	Students are advised to gather knowledge by self learning for sustainable development.

DR . B .C. ROY ENGINEERING COLLEGE, DURGAPUR
MECHANICAL ENGINEERING DEPARTMENT

DATE : 12.08.2024

Action taken report for semester end feedback given by students for AY 2023-24

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	Did you acquire any new technical or scientific knowledge?	Students are involved in the research works which are published in journals and attending various conferences with faculties in premium institutions. So students are getting acquainted with new concepts.
2	Are you able to apply the knowledge and skills you gained in real life problem solving?	Industry visits are arranged frequently. Students are sent for Internship programs as per their course curriculum.
3	Are the subjects you studied relevant to the current industry need?	Many elective subjects are taught thoroughly which covers current industry needs along with Add-on course is also introduced.
4	Availability and adequacy of modern tools in the laboratories?	Steps are already implemented for the modernization of Laboratories by purchasing new software (CREO) and equipments such as computerized diesel engine, advanced customized pneumatic trainer, Fusion 360.
5	Are the experiments/practical prescribed in the subjects/courses helpful for your future?	Involvement with Companies is frequent and as a result the areas identified where students are lagging in view of practical exposure got improved.
6	How is the mentorship and counseling process in the department?	Students are under the guidance of faculties as their mentors for their overall development.
7	How is the overall learning environment?	Institute is planning to improve the depth of knowledge of basic sciences and communication skills of students to produce competent engineer. Also classes for preparation of GATE is introduced.
8	Did you improve your communication skill?	Spoken English classes and Group Discussions introduced to improve communication skills.
9	Are the teachers able to demonstrate the required knowledge and skills?	Faculties are encouraged in various research works and FDP to enhance their knowledge.
10	Is the pedagogy used by the teachers effective and interesting?	Faculties explain different topics through examples, practical application and often video clips.
11	Are the opportunities provided for co-curricular and extracurricular activities?	Students are involved in Tech Fest, Cultural Fest, Sports etc.

12	Are events (workshop/seminar/webinar etc.) conducted for the holistic development of the students and to bridge industry-academia gap?	Workshop in collaboration with companies are frequently organized for the students.

Feedback on Facilities

	FEED BACK STATEMENT	ACTION TAKEN
1	Laboratory facility	Continuous up gradation of Laboratories is the usual practice of this Institute.
2	Library facility	Budget is increased to purchase more books and reputed journals recommended as per university updated syllabus.
3	Hostel facility (if applicable)	Good hostels are provided.
4	Sports facility	Every year indoor and outdoor games are organized.
5	Water facility	Clean water facilities are available in premises.
6	Cleanliness and Hygiene	Efforts are given to maintain cleanliness & hygiene in the campus. A good Medical unit is also present in the campus.
7	Canteen facility	Many homely and hygienic foods are included in the college canteen.
8	Internet facility	WiFi routers are installed and internet access is available to everyone.

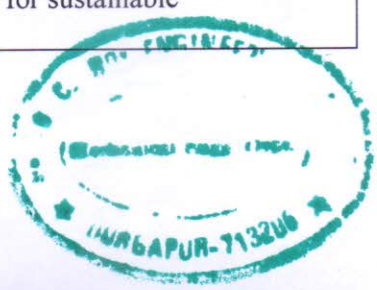
DR . B .C. ROY ENGINEERING COLLEGE, DURGAPUR
MECHANICAL ENGINEERING DEPARTMENT

DATE : 12.08.2024

Action taken report for course end feedback given by students
for AY 2023-24

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?	Special classes are arranged to cover maximum syllabus.
3	The teacher's approach to teaching can best be described as	Special attention is given to improve in depth exposure of the subjects and fundamental knowledge.
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	For internal evaluation answer papers are checked through Digital Evaluation System (DVS).
6	Was your performance in Continuous Assessments (CA) & Practical Continuous Assessments (PCA) discussed with you?	Faculty members identify weak students and pay special attention to them in remedial class.
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.	Regular counseling is done by mentors for their overall development.
10	Teacher used ICT tools (Projectors/Screens/Multimedia demonstration slides, Interactive online tools etc.) while teaching	Digital class room is regularly used for teaching.
11	The knowledge from the course can be applied to solve real life/industry specific problems/societal needs.	Students are encouraged to design new systems considering social, economic, and environmental issues by following different norms.
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.



Dr. B. C. Engineering College, Durgapur
Department of CSE (Data Science)

Notice

Ref. CSE (DS)/DAC/MOM-II/AY/2023-24 **Date: 18/06/2024**

This is for information of all the concern that a meeting of the DAC will be held on 20th June, 2024 at HoD room (room number C207) of the main building from 02:30 PM-03:30 PM for analyzing the even semester (Second Sem and Fourth Sem) feedback for B. Tech batches 2022-26 and 2023-27. Furthermore, a report will be prepared on the possible remedial actions based on that analysis.

20/06/24

Dr. Chandan Bandyopadhyay (Associate Prof. and HOD)
HOD, CSE (Data Science)

Head of the Department
Computer Science & Engineering (DS)
Dr. B. C. Roy Engineering College
Durgapur

Dr. B. C. Engineering College, Durgapur
Department of CSE(Data Science)

Minutes of Meeting

Ref. CSE(DS)/DAC/MOM-II/2023-24 **Date: 20/06/2024**

The DAC meeting was held in the HoD's room (Room Number: C207) on June 20, 2024 at 02:30 PM to address the end-of-semester (second and fourth semesters) feedback for the batches 2023-27 and 2022-26. Following the review of the comments made by the departmental students, the following observation report and an action taken report are generated.

Action taken report based upon the feedback on even sem. of AY 2023-24

A. The following statistics have emerged after analyzing the submitted students' feedback.

1. In terms of gaining new scientific and technical information, over 80% of students think that the last semester was beneficial. In addition, most students think that the curriculum is tailored to current industry needs and that their knowledge can be used to address real-life issues.
2. For the future of both education and work, over 80% of students believe that current course options are enough. Other things that were appreciated were the easily accessible facilities and the state-of-the-art laboratory equipment.
3. When it comes to the mentor's assistance counselling method, over 85% of students are happy with the answers they get from their mentors.
4. When asked whether they felt they had improved their communication skills, almost 90% of first-year students and 85% of second-year students said yes. In addition, 95% of students and 75% of first-years liked the classroom setting for group work.
5. The instructors were highly praised for their expertise in the subject matter and innovative teaching methods by over 90% of second-year students and

80% of first-year students. Several pupils also strongly appreciated the technique that the lecturers used.

6. The vast majority of students, over 90% of first- and second-years, believe that there were sufficient options for extracurricular and co-curricular activities. More than 90% of first- and second-year students have given positive feedback and acknowledged that the webinars, seminars, and workshops have helped bridge the gap between academics and industry.
7. 60% of first-year students and 70% of second-year students are very happy with the resources available to them in the library and in the lab. When it comes to the current sports, water, cleanliness, hygiene, and internet facilities, over 50% of the first and second year students are happy. Unfortunately, when asked about the hostel's facilities, less than 40% of first- and second-year students were satisfied with what they had. Furthermore, over 40% of first- and second-year students are happy with the canteen services they received.
8. According to the statistics, most first- and second-year students are satisfied with their classroom and the materials they have at their disposal.

B. The following remedial measures are being taken for improving the learning experiences of these students.

1. Creating an additional computer lab to provide pupils with knowledge about the interconnected world of computing.
2. The outreach campaign for students has to be launched. For instance, Atmospheric, Climate Science and Services (ACROSS) of the Ministry of Earth Science is one of the activities where student-teachers may participate in for extended periods of time with the goal of making a positive impact. In order to do this, the institution can collaborate together with groups like these.
3. Assigning certain students to serve as student representatives for different departmental coordinator positions would allow them to become more involved and accountable for their department.
4. A departmental library must be built shortly in addition to the college library.

5. Students are encouraged to hold seminars, workshops, and Tech-quizzes on current technology in the first few weeks of their career-oriented coursework. They are also encouraged to work on projects relating to their areas of interest.
6. Hackathons and NPTEL/MOOC courses are only two of many ways that students may hone their skills for the workforce.
7. Participation in extracurricular activities like NCC, NSS, sports, yoga, martial arts, and more may help kids develop holistically and get an education based on values.
8. To pursue further education, students are encouraged to make use of the many resources offered by the universities to prepare for competitive exams like GATE, CAT, and GRE.
9. The possibilities of enhancing the hostel and canteen facilities will be discussed with the relevant parties.

DAC members of the Department of CSE (Data Science), of Dr. B.C. Roy Engineering College have contributed to the development of the report.

Signatures of the participants of the DAC meeting held on June 21, 2024.

Sl. No.	Name of Attendees	Designation of the Attendees	Signature of the Attendees
1.	Prof. (Dr.) Chandan Bandyopadhyay	HoD, CSE(DS)	Dr. Chandan Bandyopadhyay
2.	Prof. (Dr.) Saibal Majumder	Assistant Professor, CSE(DS)	Saibal Majumder
3.	Prof. Sovan Bhattacharya	Assistant Professor, CSE(DS)	Sovan Bhattacharya
4.	Prof. Banashree Chatterjee	Assistant Professor, CSE(DS)	Banashree Chatterjee

20/06/2024
Head of the Department
Computer Science & Engineering (DS)
Dr. B. C. Roy Engineering College
Durgapur

Dr. B C Roy Engineering College

Department of Electronics and Communication Engineering

Ref: BCREC/ECE/DAC/2024-25/EVEN/2 **Date: 07/08/2024**

The Action Taken Report (ATR) for the academic year **2023-24 (EVEN)** highlights the efforts undertaken by the ECE Department to address the key findings from the student feedback. Through targeted actions, such as the enhancement of extracurricular opportunities, improved mentorship programs, and the integration of real-world applications into the curriculum, significant progress has been made in addressing student concerns and fostering an enriched learning environment. These initiatives reflect the department's commitment to continuous improvement and holistic development.

To ensure sustained progress, further recommendations have been proposed, focusing on infrastructure upgrades, stronger industry connections, and consistent feedback mechanisms. The department remains dedicated to implementing these measures, strengthening the academic experience, and supporting student aspirations.

Report of the Special DAC Meeting
Held on: **02-08-2024**
Venue: **Advanced Prototype Lab**

The Department Advisory Committee (DAC) convened to discuss the student feedback for the academic year 2023-24 and the subsequent action taken to address identified areas for improvement. The meeting concluded with the unanimous approval of the ATR and the proposed recommendations for sustained development.

Course-End Feedback Analysis and Action Taken Report for ECE Department

Overview

This report analyzes the student feedback collected at the end of the academic year 2023-24 to evaluate the teaching-learning processes and extracurricular support in the ECE Department. The report incorporates specific actions already undertaken to address feedback and proposes further steps to improve the overall academic and student experience.

Key Findings

1.Overall Performance

The overall average feedback rating is **3.61** out of 4, signifying a strong academic foundation with some areas requiring attention.

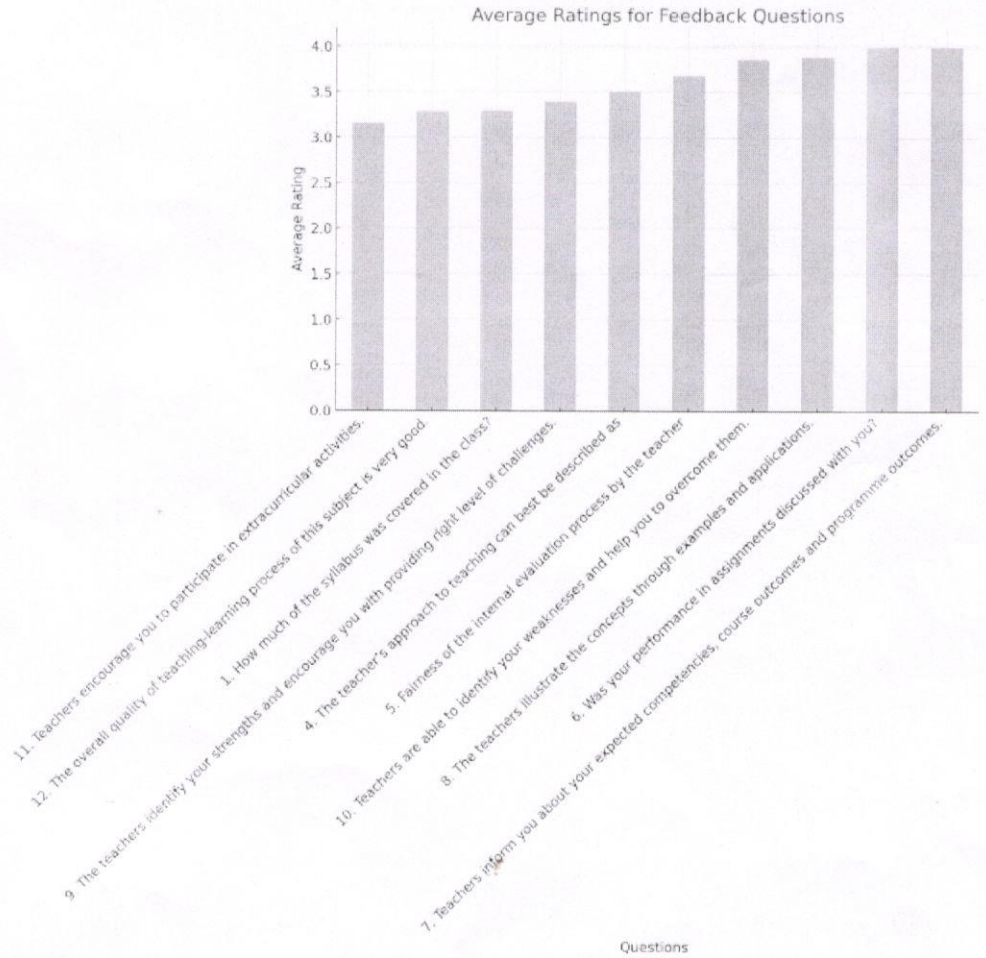
Head
Dept. Electronics & Comm. Engg.
Dr. B. C. Roy Engineering College
Durgapur

2. Strengths

- **Performance Feedback:** Students highly appreciated (average: 4.0) discussions on assignment performance, reflecting robust student-teacher engagement.
- **Structured Syllabus Delivery:** Syllabus coverage (average: 3.9) and teaching approach (average: 3.85) were commended, indicating a well-planned curriculum delivery.

3. Areas Needing Improvement

- **Extracurricular Activities Engagement:** The lowest-rated parameter (average: 3.0) indicates a need for increased focus on encouraging students to participate in extracurricular and co-curricular activities.
- **Application-Oriented Teaching:** While relatively well-rated (average: 3.6), feedback suggests enhancing the use of real-life examples and practical applications during lectures.



Actions Taken

1. **Enhanced Use of Labs for Extracurricular Activities**

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- The **Xilinx Lab** has been opened for extracurricular project work beyond class hours, enabling students to work on FPGA-based design projects and industry-relevant problem-solving activities.
- The **Advanced Prototyping Lab** has been designated as a hub for co-curricular activities, allowing students to experiment with advanced prototyping tools for IoT, robotics, and hardware-software co-design.
- Faculty mentors have been assigned to guide students on lab-based extracurricular projects.

2. **Introduction of Real-Life Application Focus in Curriculum**
   - Real-world case studies and industry-standard tools (e.g., MATLAB, Simulink, Xilinx Vivado) have been integrated into lectures and practical sessions.
   - Guest lectures and workshops from industry professionals were organized to bridge the gap between theory and practice.
3. **Strengthened Feedback Mechanisms**
   - Individualized feedback dashboards have been introduced using in-house software tools. These dashboards provide a detailed performance summary for each student, emphasizing strengths and areas for improvement.
   - Faculty members now conduct regular one-on-one mentorship sessions to better understand and address students' academic and personal challenges.
4. **Faculty Development Initiatives**
   - Faculty members attended workshops on **Outcome-Based Education (OBE)** and **Innovative Teaching Practices**, focusing on active learning strategies and student engagement.
   - Training sessions on using prototyping labs effectively in project-based learning were also conducted.

Recommendations for Sustained Improvement

1. **Encourage Greater Participation in Labs**
   - Schedule regular hackathons, competitions, and inter-departmental projects in the **Xilinx Lab** and **Advanced Prototyping Lab** to promote student involvement.
   - Offer course credits or certificates for outstanding project work in these labs to motivate students.
2. **Expand Real-World Integration in Curriculum**

Head
Dept. Electronics & Comm. Engg.
Dr. B. C. Roy Engineering College
Durgapur

- Collaborate with industry to introduce mini-projects based on current technological challenges in areas such as IoT, machine learning, and embedded systems.
- Organize semester-end exhibitions for students to showcase their projects developed in labs.

3. **Focus on Holistic Development**
   - Develop structured extracurricular programs that combine technical and soft skills (e.g., leadership workshops, technical writing sessions).
   - Actively encourage faculty to participate in cultural and technical extracurricular events as mentors to create a well-rounded learning environment.
4. **Continuous Feedback Analysis**
   - Conduct mid-semester feedback surveys to assess the impact of implemented changes.
   - Establish a feedback review committee comprising faculty and students to ensure action plans align with student expectations.

Impact of Actions Taken

The integration of the **Xilinx Lab** and **Advanced Prototyping Lab** as extracurricular and co-curricular spaces has significantly improved accessibility for hands-on learning. Students have reported increased interest in participating in lab-based activities and a noticeable improvement in their understanding of practical concepts. Guest lectures and real-life applications in teaching have been particularly well-received, fostering a deeper appreciation of course material.

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Head
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Head
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Durgapur

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   - Establish a feedback review committee comprising faculty and students to ensure action plans align with student expectations.

Impact of Actions Taken

The integration of the **Xilinx Lab** and **Advanced Prototyping Lab** as extracurricular and co-curricular spaces has significantly improved accessibility for hands-on learning. Students have reported increased interest in participating in lab-based activities and a noticeable improvement in their understanding of practical concepts. Guest lectures and real-life applications in teaching have been particularly well-received, fostering a deeper appreciation of course material.

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Dept. Electronics & Comm. Engg.
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Semester-End Feedback Report for ECE Department

Overview

This report consolidates the semester-end feedback collected across all years (First to Fourth) in the ECE Department for the academic year 2023-24. The feedback covers two main aspects: academic experience and facilities. The responses highlight program strengths and areas for improvement, accompanied by specific actions to enhance the student learning experience.

Feedback Analysis by Year

First Year (97 Students) (analysis-ece_first)

- **Academics**:
  - New knowledge acquisition: 79.38% agreement (Strongly Agree/Agree).
  - Real-life application of knowledge: 76.29% agreement.
  - Learning environment: 82.47% agreement.
- **Facilities**:
  - Lab and library facilities were rated highly (Excellent/Very Good: ~58%).
  - Internet facilities showed dissatisfaction, with 28.87% rating it as Poor.
  - Hygiene and cleanliness scored lower than expected, with 19.59% rating it as Poor.

Second Year (26 Students) (analysis-ece_second)

- **Academics**:
  - New knowledge acquisition: 92.31% agreement.
  - Industry relevance: 84.61% agreement.
  - Mentorship and counselling: 80.77% agreement.
- **Facilities**:
  - Lab and library facilities received mixed reviews, with around 42.31% rating them as Good.
  - Internet access showed issues, with 19.23% rating it Poor.
  - Canteen facilities saw 50% Good ratings, indicating room for improvement.

Third Year (95 Students) (analysis-ece_third)

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- **Academics**:
    - Strong agreement on technical knowledge acquisition (53.51%) and real-life application (52.63%).
    - Teacher pedagogy: 90.52% agreement (Effective/Interesting).
    - Learning environment: 93.69% agreement.
- **Facilities**:
    - Laboratory facilities: 76.84% Excellent/Very Good.
    - Cleanliness and hygiene scored well (72.63% Excellent/Very Good).
    - Internet dissatisfaction remained notable, with 15.79% rating it as Poor.

Fourth Year (127 Students) (analysis-ece_fourth)

- **Academics**:
    - Strong agreement on mentorship and counselling (94.49%).
    - Real-life application: 92.91% agreement.
    - Communication skills improvement: 92.13% agreement.
- **Facilities**:
    - Laboratory and library facilities scored well, with ~67.71% Excellent/Very Good.
    - Canteen dissatisfaction was evident, with 10.24% rating it Poor.

Key Observations

1. **Academics**:
    - Strong agreement on technical knowledge acquisition and real-life application across all years, averaging **88%** agreement.
    - Mentorship and counselling showed improvement in higher years, averaging **86% agreement**.
    - Learning environment scored positively but highlights in early years a need for engagement-focused interventions.
2. **Facilities**:
    - Lab and library facilities were rated above average but require enhancement in infrastructure and accessibility for consistency.

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- Internet access and canteen services consistently received lower ratings, demanding immediate attention.

Actions Taken

1. **Internet Facilities Upgrade**
   - Collaborated with IT services to install high-speed Wi-Fi routers in classrooms, labs, and hostels.
2. **Canteen Overhaul**
   - Menu revision based on student preferences and quality control measures initiated with periodic cleanliness audits.
3. **Enhanced Mentorship**
   - Introduced structured mentorship programs across all years, pairing students with faculty mentors for career and academic guidance.
4. **Modern Lab Equipment**
   - Procured new tools for the **Xilinx Lab** and **Advanced Prototyping Lab**, improving access to state-of-the-art equipment.
   - Initiated open lab hours for project-based learning and extracurricular activities.
5. **Workshops and Holistic Development**
   - Conducted regular workshops on research skills, communication, and industry-relevant topics, averaging 2 events per semester.

Recommendations

1. **Sustained Infrastructure Improvement**
   - Allocate resources for internet and canteen upgrades to meet consistent student satisfaction levels.
   - Regular maintenance and audits for cleanliness and hygiene in hostels and campus facilities.

Dr. Sourav Moitra
Associate Professor, ECE
Convener, Departmental Proceeding/Meetings

Dr. Mrinmoy Chakroborty
Associate Professor, ECE
HOD, ECE

Head
Dept. Electronics & Comm. Engg.
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MEMBERS PRESENT:

Name	Designation	Signature
DR. N N Pathak	Professor	
Dr. Khondekar Mofazzal Hossain	Professor	
Dr. Tapas Mondal	Associate Professor	
DR. Rajdeep Ray	Associate Professor	
Dr. Tribeni Prasad Banerjee	Associate Professor	
Dr. Mrinmoy Chakraborty	Associate Professor	
DR. Rajib Banerjee	Associate Professor	
Dr. Abhijit Banerjee	Associate Professor	
Ms. Keka Hajra	Assistant Professor	
Ms. Dipta Chaudhuri	Assistant Professor	
Dr. Aritra Bhowmik	Assistant Professor	
Dr. Anirban Chattopadhyay	Assistant Professor	
Dr. Sourav Moitra	Associate Professor	
Dr. Debipriya Dutta	Assistant Professor	
Ms. Moutusi Mondal	Assistant Professor	
Mr. Nilkamal Bhunia	Assistant Professor	
Dr. Ankita Mitra	Assistant Professor	
Mr. Pradipta Sarkar	Assistant Professor	
Mr. Tapas Roy	Assistant Professor	
Dr. Anup Kumar Das	Assistant Professor	
Mr. Surajit Batabyal	Assistant Professor	
Ms. Subhadra Debroy	Assistant Professor	
Mr. Moloy Mukherjee	Assistant Professor	
Mr. Samujjwal Ray	Assistant Professor	
Mr. Soumendra Pain	Assistant Professor	
Dr. Ramkrishna Rakshit	Assistant Professor	
Dr. ALOKE SAHA	Associate Professor	

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Mr. Santanu Roy	Sr. Technical Assistant	
Mr. Samar Nath Rajak	Sr. Technical Assistant	
Ms. Dolan Das	Sr. Technical Assistant	
Mr. Sonatan Dutta	Technical Assistant	
Mr. Sukanta Mukherjee	Supervisor	

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Dr. B. C. Roy Engineering College, Durgapur

(An Autonomous Institute)

(Electrical Engineering Department)

BCR/EE/MOM/ATR/2024-2025 dated 02.08.2024

Action Taken Report (ATR) on feedback of Electrical Engineering students for Academic year 2023-24.

A special DAC meeting was held on 02-08-2024 at FF117 to discuss the action taken report based on feedback of students for the AY 2023-2024.

Students of EE department participated in the online feedback hosted by college website.

(A) Action taken report based on feedback on Academics for AY 2023-24 :

There were 12 parameters under the head academics. It is observed that there is overall positive response of the students on feedback under academics. The various parameters covered were technical/ scientific knowledge, problem solving, industry needs, availability of modern tools in labs, innovative experiments conducted, Mentorship, learning environment, improvement of communication skills, opportunities for co-curricular and extracurricular activities and events like seminar, workshops, webinars conducted for students to bridge the gap between academia and industry etc. Based on feedback of the students, DAC unanimously decided to take following steps:

A1) Department has decided to offer an add-on course of ***(50 hour)*** course for ***3rd year,5thsem***, students(AY2024-2025),on **"Industrial Automation and Safety"** taken by Mr Sabyasachi Gupta, from GE Power India Ltd,Durgapur, to bridge the gap between academia and industry.. Experts from industry were invited to form and conduct the coursework. The said course is continuing since (AY-2022-2023).

A2) Department has decided to offer an add-on course of ***(40HRS)*** Course for ***(4th rear,7thsem)***,on **"Optimisation of modern power systems"**, by Dr SusantaDutta, Dr Sneha Sultana, & Dr.Sourav Paul,.

A3) Department has decided to offer an Add on Course, ***(34 HRS)*** for ***(2nd year,3rdsem)*** on **"Applicationbased Electric Embedded Systems."**,by Dr.DolaSinha, Dr.KingshukMazumder.

A4) . GATE preparation classes are being held for aspiring students.

A5). This being a silver jubilee year,(AY2024-2025) huge number of events have been planned apart from calendar events like Tech fest, Cultural fest, AnnualSports, Fresher's welcome, Adieu to final year students,Teacher's day etc. Students of EE department are encouraged to wholeheartedly participate in these extracurricular activities.

A6). Summer internship training for 7th and 5th semester has been arranged with TATA POWER tol gear them up for working environment in industry.

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A7). Industry visits organized for 2nd year 4thsem students already in last semester.

A8). Innovative projects for final yearstudents and mini projects for 3rd year students are being taken up in right earnest.

A9) .A FIVE DAY FDP was organized by Dr Sanjay Saha, Prof.S.K.Chaudhary,ProfSnehasishGhosal on—29-7-2024 TO 02-08-2024 on topic=Innovation and future trend in industrial systems,andinstrumentation,an FDP on cutting edge technology and applications

A10) EE department SHALL BE ORGANISING MANY EVENTS FROM SEP-2024 TO JULY 2025 to mark the silver jubilee year of the institute.

(B) Action Taken Report based on feedback on facilities :

S1) The overall response of the students on facilities like, Laboratories, Library, Hostel, (if applicable) Sports, Drinking water, Cleanliness and Hygiene etc. was quite satisfactory. However a few students have given suggestions for improvement.

S2) There is a scope of improvement of sitting arrangement, cleanliness, illumination, overall ambienceof the canteen. The quality of food items supplied by canteen shall be inspected by a supervisory team on regular basis.

S3) The internet facilities (speed and connectivity) should be improved.

S4) Labs and class room should be cleaned regularly.

ATR:

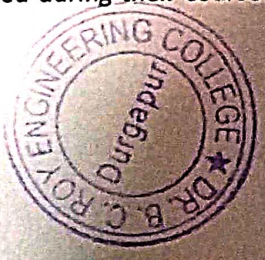
B1.) The college has purchased one online MATLAB scheme for use in college campus. All students, staff and faculty members can use the facility in college campus. A hands on-MATLAB workshop was organized in the institute for updating faculty, technical staff and students.

B2). The labs and class rooms are being cleaned regularly. A special cell is formed to regularly monitor the cleaning and mopping up of labs. and the lecture halls.

B3) Regarding improvement in canteen facilities the matter is taken up with appropriate authorities.

C) The Course-end feedback (Exit survey):

The exit survey was conducted on 2023 pass out batch. The students have given favorable response to teaching learning and other indices of academic development. Most of the students opined that they shall be able to solve complex engineering problems by the knowledge of maths, science and engineering fundamentals, they have acquired during their coursework. Majority ofthe students were



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confident that they shall be capable of analyzing research based data successfully and interpreting them for real life problems. Almost all students were confident that they can successfully work as team leader as well as a part of a team. Most of the students felt that they can communicate effectively. Therefore, overall the results of exit survey were very encouraging.

ATR recommended by DAC:

The DAC unanimously recommended following:

C1). Technical experts from industry shall be invited on regular basis and they shall acquaint the students the technical and practical aspects involved in industry.

C2). The students of the department shall be encouraged to actively participate in Tech fests, technical seminars, debates, cultural fests and other events conducted by the institute.

C3).A departmental e-magazine ElectroQuest is published annually. Students are encouraged to contribute creative write-ups for the magazine. The magazine is a suitable platform for students to showcase their talents.

C4).More industrial visits to nearby localities shall be arranged.

C5). Students of the department shall be encouraged to avail the facilities extended by Training and Placement cell to improve their soft skills as well as logical reasoning abilities. Regular soft skill classes are held for willing departmental students. Weekly English Usage Tests and Qualitative logical Reasoning Tests are conducted for general practice.

C6). Remedial classes are held for weak students. Students shall be motivated by their mentors to attend these classes.

C7) GATE examination preparatory classes are being held for aspiring students. More students shall be motivated to avail of this facility.

C8) More FDPs shall be conducted for improvement of teaching learning environment in the department.

C9) Seminars, workshops shall be organized regularly

The meeting ended with a vote of thanks.

(Prof. SaradinduMondal) 04/08/24

Convener

Academic Committee

DR. B. C. ROY ENGINEERING COLLEGE Durgapur

(Dr.SusantaDutta) 04/8/24

Chairman

Academic Committee

Head
Dept. Electrical Engineering
Dr. B. C. Roy Engineering College
Durgapur

Dr. B. C. Roy Engineering College

Faculty of Management Studies (FMS)

Title of the Committee: ACADEMIC COMMITTEE

Date: Aug 1st, 2024

Time: 2.15 pm

Meeting held at: FMS Library

Action taken on the following agenda items:

Agenda I: Semester and Program End Course Feedback of Even Sem (AY 2023-2024):

Action taken for *Feedback on facility:* The Systems Manager was informed about the grievance of the students regarding the internet speed by HOD, FMS and the systems manager assured that he will ensure good internet speed with top priority. The cleaning staff were requested to use better cleaning devices and clean regularly. Already the cleaning staff are trying to improve the cleanliness and hygiene in the department. The estate manager was requested to have the water cooler cum filter serviced on a regular basis.

Action taken for *Feedback on academics:* Faculty members have reported that they are incorporating more case studies, presentation and role playing sessions in their classes, keeping in mind the industry needs and applicability of concepts covered. At the department level it has been decided that once some progress is made in the curriculum, mini projects will be given to students that will enhance their business problem solving skills. Cases covering situations calling for ethical decision making and application of learned concepts to new situations through self-learning will be incorporated in the practice sessions.

Agenda II: : Induction Program for MBA class of ('24—'26): The Induction program was successfully completed with industry experts and renowned academicians addressing the students of the 1st year of the class of MBA 2024-2026. Around 58 students have attended the sessions.

Agenda III: Alumni Meet: The date of the alumni meet have been circulated in the Whats App groups of various batches of MBA

Agenda IV: Formation of Exclusive Board of Studies for FMS, BCREC: As per the directive of the Hon'ble Principal BCREC the proposed BOS was finalized and communicated to the principal's office.

Agenda V: Syllabus Revision for the MBA Curriculum under Autonomy status: The detailed syllabus has been duly prepared and submitted to the HOD on 6.8.2024 by all the facilitators.

Arunava Mookherjee 23/8/24

Dr. B. C. Roy Engg. College FMS Fuljhore, Durgapur

Soumya Siddhanta

Agenda VI: CA1 for MBA Semester III: The CA1 for the MBA 3rd Sem for the Class of '23-'25 have been duly conducted and marks have been duly uploaded in the MAKAUT portal by 16th August, 2024 forenoon.

Agenda VII: Class Advisors and Representatives: The names of the Class Advisor and Class and Student representatives as finalised in the meeting have been communicated to the Principal BCREC's office.

MBA Class of '23 – '25

Class Advisor:	Dr. Arunava Mookherjee
Class Representative:	Subham Roy (Marketing)
Student Representative:	Moitrayee Roy (HRM)

MBA Class of '24 – '26

Class Advisor:	Dr. Sandip Mukherjee
Class Representative:	(to be decided later)
Student Representative:	(to be decided later)

Arunava Mookherjee 23/8/24

Dr. Arunava Mookherjee
Coordinator - Academic Committee
Date: 23rd August, 2024

Dr. B. C. Roy Engg. College FMS Fuljhore, Durgapur

Soumya Siddhanta

23/08/2024

Bijoy Gupta 23/8/2024

23/8/2024

23/8/2024

23/8/2024

Dr. B. C. Roy Engineering College, Durgapur
Department of Computer Applications (MCA)
Jemua Road, Fuljhore, Durgapur -713206
Affiliated to MAKAUT, Approved by AICTE,Accredited with 'B+' Grade by NAAC

BCR/MCA/2024-25/DAC-01

To whom it may concern

This is for the information to all concerns that a departmental meeting with the following agendas has been called by HoD, MCA at Seminar Hall, MCA Department meeting room from 11:00AM, 01-08-2024. Hereby all members are requested to attend the meeting at above mentioned venue.

Agendas:

- **Discussion on CA1.**
- **ATR feedback.**
- **BOS formation.**
- **Proposed syllabus for new Autonomy system.**
- **Academic Audit.**

30/07/24

(SUBHRANGSU CHANDRA)
Meeting Convener, MCA Department

Dr. B. C. Roy Engineering College, Durgapur
Department of Computer Applications (MCA)

Jemua Road, Fuljhore, Durgapur -713206

Affiliated to MAKAUT, Approved by AICTE,Accredited with 'B+' Grade by NAAC

DAC on 1st August 2024 @11.00AM at Departmental Meeting room.

Agendas:

- Discussion on CA1.
- ATR feedback.
- BOS formation.
- Proposed syllabus for new Autonomy system.
- Academic Audit.

Members Present:

Name	Designation	Signature with Date
DR. PABITRA KUMAR DEY	Asso. Prof. & HoD	01/08/24
DR. FALGUNI CHAKRABORTY	Asst. Prof.	01/08/24
PROF. DEBASIS GUHA	Asst. Prof.	01/08/24
PROF. ANSUMAN MAHANTY	Asst. Prof.	01/08/24
PROF. SUBHRANGSU CHANDRA	Asst. Prof.	01/08/24
PROF. UDAY KUMAR BANERJEE	Asst. Prof.	01/08/24
PROF. ANUPAM BAIDYA	Asst. Prof.	01/08/24
PROF. PRADIPTA PAL	Asst. Prof.	Pradipta Pal
MR. PARTHA PRATIM CHOUDHURY	Sr. TA	P. P. Chaudhury 01/08/24
MISS MONALISHA KAR	TA	Monalisha Kar 01/08/24
MR. CHAYAN MUKHERJEE	Off. Asst.	ABSENT (On Duty)

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DR. B. C. ROY ENGINEERING COLLEGE, DURGAPUR
Department of Computer Applications (MCA)
Minutes of Meeting of DAC

Date of Meeting: 01-08-2024 **Timing: 11:00 AM – 01:30 PM**

Venue: MCA (Meeting Room)

Participants:

Prof. Dr. Pabitra Kumar Dey, Chairman of DAC
Prof. Debasis Guha, Member of DAC
Prof. Ansuman Mahanty, Member of DAC
Prof. Dr. Falguni Chakraborty, Member of DAC
Prof. Subhrangsu Chandra, Member of DAC
Prof. Uday Kumar Banerjee, Member of DAC
Prof. Anupam Baidya, Member of DAC
Prof. Pradipta Pal, Member of DAC
Mr. Partha Pratim Chaudhuri, STA, MCA Department
Miss Monalisha Kar, TA, MCA Department
Mr. Chayan Mukherjee, Office Assistant, MCA Department

Agenda of the meeting:

- **Discussion on CA1.**
- **ATR feedback.**
- **BOS formation.**
- **Proposed syllabus for new Autonomy system.**
- **Academic Audit.**

DAC Chairman addressed all members of DAC and the minutes of previous DAC held on 16-05-2024, read out by HoD, MCA and accepted by all members of DAC.

Discussion held is as follows:-

- **Discussion on CA1:**

  HoD informed all members for upcoming CA1 and what action to be taken for poor attendee students..

- **ATR feedback:**

  HoD informed all members to check whether all students has completed feedback process of respective subjects and to prepare the Action Taken Report(ATR).

- **BOS formation:**

  All members including HoD nominated different names from different prestigious institutes (IITs, NITs etc.) to form the Board Of Studies for MCA department in accordance with the requirements of BCREC as an autonomous institute.

- **Proposed syllabus for new Autonomy system:**

  HoD addressed a major issue regarding preparation of Syllabus structure, Subject Code, Subject details and credit point of individual subjects and formed selective groups for smooth conduction of Syllabus preparation.

- **Academic Audit:**

  HoD informed all members to be updated with all activities, such as Mentoring activities, Result Analysis etc.

The Meeting ended with a vote of thanks by HOD to all members.

pDey 02/08/2024

(HOD)

1) Copy to the departmental NAAC Coordinator.

DR. PABITRA KUMAR DEY
HOD - MCA
Dr. B. C. Roy Engineering College

Date: 01.08.2024

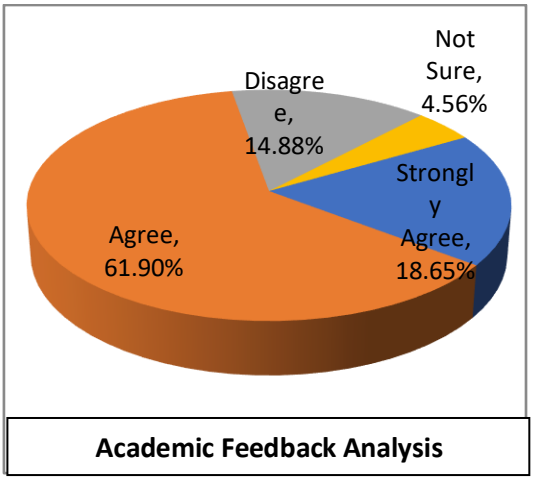
A DAC meeting took place on 1st August, 2024 at 11.00AM in the Departmental meeting room to discuss in details and finalize the Action Taken Report based upon Feedback on Academics, Feedback on facilities taken for the Academic Year 2023-24. The feedback was submitted in the college website online by 42 students of the Computer Applications Department.

Following are the major points of the Action Taken Report:

Action Taken Report based upon Feedback on Academics for the AY 2023-24

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 counseling 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 current technologies and participate in tech-fest and Hackathons held at various organizations and industries.
3. The career counseling cell conducts group discussion sessions, spoken English classes and tries to improve the overall body language of the students. Proper counseling through training is 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. Workshops/seminars/webinars needs to be organized at the institute / department level to bridge industry academia gap and student participation at high level needs to be ensured.
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 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 2023-24

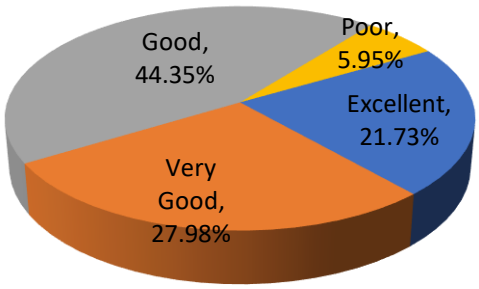
Most of the students were very satisfied with the various facilities like laboratory facility, library facility. Hostel facility (if applicable), Sports facility, Water facility, Cleanliness and Hygiene facility.

Suggestions from students:

1. While most of the students were satisfied. Few students felt that the canteen facility is not up to the mark and needs little improvement.
2. A good section of students (around 10%) have suggested the improvement of Internet facility in terms of speed and connectivity.
3. Few 1st year students (8% to be precise) raised their concern about the water facility.
4. Few students of First Year suggested improving the Cleanliness and Hygienity issues.
5. Some students of 1st year students raised their concern about the canteen facility.

Following are the major points of the Action Taken Report:

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



Facility Feedback Analysis

Action Taken Report based on Course End Feedback ('Exit Survey') for 2024 Pass out Batch

The Course-End Feedback was taken from the 2024 pass out batch. The feedback was submitted in the college website online by the outgoing 37 students of the Department of Computer Applications (MCA). Most of the students were very satisfied with the various aspects of teaching-learning and various indices of overall academic development. 84% students felt that they have developed the ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems, 98% students felt that, mentorship and counseling process followed by the department guide them to take appropriate decision in previous and forthcoming academic / professional life, 88% students felt subjects they studied relevant to the current industry need. 84% students felt that they were able to understand the impact of the professional engineering solutions in societal and environmental contexts, 95% 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 94% student felt that the learning environment / teaching-learning methodologies followed in the department are based on latest pedagogy methods, and current industry requirements, and 93% Students felt that their communication skill improved by the SST classes, organized by T& P Cell and the department, and 73% students felt that (workshop/seminar/webinar etc.) conducted helps to reduce the gap between industry-academia more than 92% 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 theProgramOutcome as per therequirement of various stakeholders, the feedback was taken from the 2nd pass-out batch.

Following are the major points of the Action Taken Report:

1. To help postgraduate 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 current research trend as well as the current technologies as per the industry requirement.
3. More career guided orientation lectures and soft skill development sessions were conducted and a lot of reading materials on these areas have been provided in the central library.
4. The faculties are now using ICT for teaching learning purposes to create smart learning environment.
5. Tech Fest was conducted to make the students job ready and enhance their technical and interpersonal skills.

6. 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.
7. Slow learners and advanced learners are given more attention according to their needs by arranging more suitable remedial classes.
8. Faculty Development Programmes and faculty and staff training sessions would have been conducted for improvement of learning atmosphere in the college level as well as in the departmental level.
9. 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.