

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.

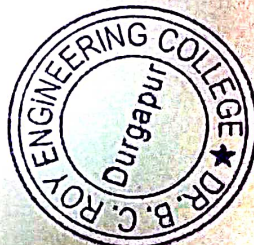
A special DAC meeting was held on 02-08-2024 at FF117 to discuss the action taken report based on feedback of students for the AY 2023-2024.

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, 5th sem**, 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, 7th sem)**, on **"Optimisation of modern power systems"**, by Dr Susanta Dutta, Dr Sneha Sultana, & Dr. Sourav Paul,.
- A3) Department has decided to offer an Add on Course, **(34 HRS)** for **(2nd year, 3rd sem)** on **"Application based Electric Embedded Systems."**, by Dr. Dola Sinha, Dr. Kingshuk Mazumder.
- 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, Annual Sports, 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 to gear them up for working environment in industry.



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

A8). Innovative projects for final year students 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, Prof Snehashish Ghosal on—29-7-2024 TO 02-08-2024 on topic=Innovation and future trend in industrial systems, and instrumentation, 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 ambience of 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:

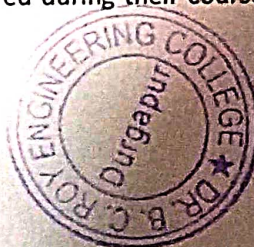
B1.) The college has purchased one online MATLAB scheme for use in college campus. All students, staff and faculty members can use the facility in college campus. A hands on-MATLAB workshop was organized in the institute for updating faculty, technical staff and students.

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 of the 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. Saradindu Mondal)

Convener

Academic Committee



(Dr. Susanta Dutta)

Chairman

Academic Committee

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