

Dr. B.C.Roy Engineering College, Durgapur

(Electrical Engineering Department)

BCR/EE/MOM

dated 12.05.2023

**Action Taken Report ( ATR) on feedback of Electrical Engineering students for Academic year 2022-23.**

A special DAC meeting was held on 12.05.2023 at 10.10 AM in room no FF-01 to discuss the action taken report based on feedback of students for the Academic year 2022-2023.

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

**Action taken report based on feedback on Academics for AY 2022-23 :**

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:

1. Department had introduced a 50 hour course for 3<sup>rd</sup> 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 year 2022-23.
2. An add-on course on advanced power system was taken up for 7<sup>th</sup> semester students during 2021-22. Prof. (Dr.) Sumit Banerjee taught the subject. The course is continuing for current year.  
An additional Add on Course, 'HVAC Instrumentation and Control' for EE students is being taken up. The course was formally inaugurated on 29.03.2023.
3. GATE preparation classes are being held for aspiring students.
4. 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.
5. Summer internship training for 7<sup>th</sup> semester students shall gear them up for working environment in industry.
6. Industry visits shall be organized for 3<sup>rd</sup> year students.
7. Innovative projects for final year students and mini projects for 3<sup>rd</sup> year students are being taken up in right earnest.

8. A two day workshop on IOT using Arduino was organized by EE department on 22.03.23 and 23.03.23.
9. EE department jointly organised an online webinar with Institution Innovation Council (ICC) on 'Indigenous development activities of Gyrotron at CSIR-CERI' and "Hyperbolic Metamaterials from Next Generation Vacuum Electron THz sources to Wideband absorbers" on 15.3.23.
10. EE department organised an Expert Talk on Industrial Turbo Generator and Case Study by Mr. Kaushik Dey, Sr. Divisional Engineer (Electrical) DVC, on 17.03.2023. Students had an insight of practical aspects of electrical power generation.
11. A webinar on Innovations & Intellectual Property Protection was organized by the Institute in association with Institution's Innovation Council (IIC) on 26.04 .2023.
12. A MATLAB hands on workshop was organized on 10.05.2023. The workshop was conducted by Elmax Systems and Solutions

#### **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.

#### **ATR:**

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.
- 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 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 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.

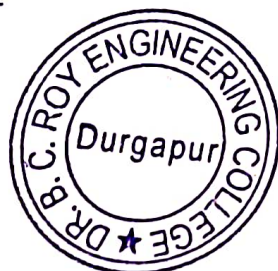
**ATR recommended by DAC:**


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. 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.
6. Remedial classes are held for weak students. Students shall be motivated by their mentors to attend these classes.
7. GATE examination preparatory classes are being held for aspiring students. More students shall be motivated to avail of this facility.
8. More FDPs shall be conducted for improvement of teaching learning environment in the department.
9. Seminars, workshops shall be organized regularly

The meeting ended with a vote of thanks.

  
(Prof. Anupam Sinha)  
ASSTT. PROFESSOR  
DEPARTMENT OF ELECTRICAL ENGINEERING  
CONVERTER  
Dr. B. C. ROY ENGINEERING COLLEGE  
Academic Committee



  
HEAD  
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