



Dr. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

(Approved by AICTE & Affiliated to MAKAUT, WB)

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Minutes of the 45th Meeting of the Board of Governors held on 21st January, 2023 at 11.00 hours at the College Board Room

The 45th meeting of the Board of Governors of Dr. B. C. Roy Engineering College, Durgapur, was held on 21st January, 2023 at 11.00 AM at the Institute Board Room.

The meeting was presided over by Prof. (Dr.) Binay K. Dutta, Professor, Chairman, Board of Governors, Dr. B. C. Roy Engineering College, Durgapur.

Members present:

1	Prof. (Dr.) Binay K. Dutta, Former Visiting Professor, School of Environmental Science & Engineering, IIT-Kharagpur	Chairman
2	Prof. (Dr.) Arup Mukherjee, Professor, Department of Chemical Technology, University of Calcutta, representing MAKAUT.	Member
3	Dr. Dhananjay Saha, Dy. Director of Technical Education, Directorate of Technical Education, Govt. of W.B. representing Director, DTE	Member
4	Prof. (Dr.) Anupam Basu, Director, NIT, Durgapur	Member
5	Prof. (Dr.) Arup Sinha, Vice President & Utility Head, Virtuoso Consulting & Technology Ltd.	Member
6	Dr. Satyajit Bose, Chairman and Chief Cardiologist, The Mission Hospital&President, BCREC Society	Member
7	Shri T. Bhattacharya, General Secretary, BCREC Society	Member
8	Shri J. Singh, Treasurer, BCREC Society	Member
9	Smt. Mita Mitra, Vice-President, BCREC Society	Member
10	Shri R. Roychowdhury, Asst. Secretary, BCREC Society	Member
11	Prof.(Dr.) Narendra Nath Pathak, Dean (SW&A) &HoD (ECE), Faculty Representative, BCREC	Member
12	Shri Atanu Maity, Head (Training and Placement), Kolkata	Member
13	Dr. Alok Kahali, Head, HR BCREC	Invitee Member
14	Prof.(Dr.) Sanjay S. Pawar, Principal	Member-Secretary

Members Absent (due to pre-occupation): Following members regretted attending the meeting due to the personal/profession reasons

1	Prof. (Dr.) Keshab Bhattacharya, Educationist	Member
2	Dr. Aloknath De, Corporate Vice-President, & CTO, Samsung Electronics, Industry Representative	Member
3	Director, CSIR-CMERI	Member
4	Prof K. M. Hossain, Vice- Principal, Faculty Representative, BCREC	Member

At the outset, Prof. (Dr.) Binay K. Dutta, Chairman of the Board of Governors, Dr. B. C. Roy Engineering College, Durgapur welcomed all the members present in the house and requested all the members to give brief self-introduction.

Thereafter the Chairman requested Prof. (Dr.) Sanjay S. Pawar, Principal and Member Secretary, to proceed with the Agenda-wise discussion.

Agenda 45.01: - Confirmation of the minutes of the 44th BoG meeting held on 23rd July, 2022

Minutes of the 44th BoG meeting placed by Prof. (Dr.) Sanjay S. Pawar, Principal and Member-Secretary, were unanimously accepted and confirmed.

Agenda 45.02: - Action Taken Report (ATR) by the Principal (Member Secretary) as per decisions of the 44th BOG Meeting

As per the suggestions in the 44th Board meeting, the action taken report was presented and was accepted in the meeting with minor corrections.

Agenda 45.03: - Report of the Principal on progress of the Institute including Status of NBA & NAAC Accreditation, Semester Examinations and R&D endeavors (Interim period)

Salient activities and achievements of the Institute during the period from July, 2022 to January, 2023 were presented to the Board Members

Discussion: - Based on the report presented by the Principal, following were suggested and discussed.

1. Dr. Aloknath De could not attend the meeting as he was taking charge of Chairperson, IEEE Bangalore Section for the year 2023-24. He was also felicitated as a Distinguished Alumnae of IIT Kharagpur. A resolution for was

passed to congratulate Prof Aloknath De for this and it's a matter of pride for all as Dr. Aloknath De being the member of Governing Body of BCREC. Chairman Sir also suggested to send a congratulatory note on behalf of the Board.

2. The Principal and Member Secretary apprised the Hon'ble Members that MATLAB Professional Software has been arranged by the College for use by all Faculty and Students. Prof Arup Mukherjee suggested that MATLAB Platform may also be used for FDP trainings
3. Prof Anupam Basu suggested that SCILAB Software (Free and Open Source) may be utilized by the College to train Students on the Basics and Advanced training may be provided to Faculty so that it becomes a source of Revenue generation, and the same shall be helpful to solving Industry related projects. Member Secretary assured the House that by the next BOG Meeting, positive and concrete measures shall be taken.
4. Action Taken Report on 44.6 (iv) and 44.6(v) – Member Secretary advised the House that (a) seventeen (17) Add-on Courses have been arranged through On-line and Off-line Mode as per suggestion of Professor Keshab Bhattacharya in the earlier BOG Meet. (b) In compliance with the suggestion made by Professor Anupam Basu regarding 44.6(v) a Memorandum of Understanding has been executed between BCREC and ISOAH to provide internships to students in emerging areas like Networking and Cyber Security.

At this stage, Chairman enquired whether Final Year students are sent for Project Studies. Head (CRO) informed the House that effective Internships with stipends with renowned Industries like Capgemini and other ITeS are in the final stages. Member Secretary informed the House that eleven (11) Civil Engineering students of B. Tech Final Year are undergoing Project studies with NHAI, and for which they are being provided stipend.

Chairman is of the opinion that the interned students must be under dual supervision – one from the Industry they are associated with and a Faculty Member from the Department must be the second supervisor. The Internships

may be considered as assigned projects that fetch credit ratings for the students. Professor Anupam Basu also suggested that such students may be asked to make a presentation on the projects that they have undertaken so that due credit may be given to the students.

5. There was a discussion of various Faculty Development Programmes conducted by each of the Department. BCREC has procured the license for Matlab full version for various research and developmental activities. suggested to have FDP using this software. Members also suggested to have look into a similar open source software SCILAB for experimenting with the students.
6. Projects: - Dr. Arup Sinha wanted to know what kind of projects are allocated to students. Principal and Member Secretary informed that the Students are awarded (a) Mini projects that are curricula based by concerned departments (b) multi - disciplinary projects that cover more than one departments. Dr. Sinha then suggested that students may be given (i) Market - based projects with multi - disciplinary coverage and (ii) Application based projects and (iii) more than one projects during the entire course of study - both to meet curricula requirement and to develop products / applications.
Projects that may be undertaken at Faculty level and with student association from final year: Dr. Satyajit Bose, President of the Society suggested that projects like digitization of Hospital records, and Hospital Information System may be developed as there is a huge demand of a robust Hospital Management System software. He further suggested that since the College has a 3 D Printer at the IDEA Lab, CT Scans and printing of such scans may be considered as a project deliverable.
7. Students Attendance Issues: -
Chairman suggested (1) frequent holding of unannounced surprise tests and (2) raising the standard of questions so that the students find the examinations at the College level a challenge (3) student gradation must also be linked to attendance and performance at internal assessment which needs to be announced in advance by the College for student awareness. This is in addition to the CA1- 4 as per University requirement.

8. Alumni Association – formation:

The Chairman enquired about the status of the Alumni Association formation. Professor Narendra Nath Pathak, Member informed the Hon'ble Members that the earlier Alumni Association has been defunct for non-compliance of procedures, and the registration process for an Alumni Association with revised Memorandum of Association has been filed with the Registrar of Societies, Asansol as per regulations. The College has created a data - base of around

14,000 past students and they have all been invited to register as members. Unfortunately, the response has only been received from around 40 past students. The first - office - bearers have been listed in the MOA submitted to the Registrar of Societies, Asansol. Overseas students have agreed to assemble and take the issue forward sometime in the last week of January or early February, 2023.

SUGGESTIONS:

- A. Chairman suggested that Guest Lecturers from Industries may be invited to deliver suitable Industry oriented lectures on contemporary Industry practices and application so that a minimum 40 % threshold can be reached. This will increase Industry - Institution connect.
 - B. Chairman also suggested that the management of Solid Waste disposal may include measures like "composting" at site, apart from the existing arrangement through the Municipal authorities.
 - C. Professor Anupam Basu suggested introduction of Student Awards on (i) Best Academic Performance and (ii) Best all - round improvement may be instituted. He also suggested that a Best Paper Award may be instituted to encourage student publications in reputed peer - reviewed journals.
 - D. Professor Arup Mukherjee suggested BCREC may execute MOU with TCG Group for active support and internship/absorption of students.
9. The question was asked about the number of resource persons from Industry contributing to the FDP. It was suggested to get the attendance/ participation figures in next BoG for record. There was also a suggestion to ensure to have

maximum number of the resource persons from Industry as compared to that of academia.

10. Prof Anupam Basu asked about the internship for the final year students. It was observed that students have been going for the internship in the industry. Some of the industries are those who have recruited them. As students are going for internships, there was an issue for attendance. Prof Basu also asked to introspect why students are not attending classes and find the solution to the issue. It was also discussed to have recording to the teaching class in some cases and have evaluation and analysis for those.

11. Chairman enquired about the status of Distinguished Lecture Series by prominent educationalist/Industrialist. Prof Sanjay Pawar updated it by saying the lecture series have already been started and this was given by Prof Sapan Bhattacharya Former Director of NIT Durgapur. It was suggested no to limit one/two such lecture but to increase gradually to get more exposure to the faculties and students. The Chairman suggested that more experts from reputed industries should be invited to deliver such lectures. Besides enriching the students and faculties, this practice will help in creating bonds with industries.
12. The Principal informed the members about formation of 14 students chapters/organization/professional bodies, with one faculty as the Co-ordinator and Four students as organizing committee members. Chairman suggested to have a yearly plan from all the student organizations for efficient functioning of the organizations.
13. Chairman Sir also enquired about the status of solid waste management. Principal informed that steps were being taken to implement it from the coming academic year.
14. There was discussion on introducing the best hostel, best class and best outgoing student's awards. The update was given to house regarding forming a committee for this purpose as the first step and announcement seeking applications.

Agenda 45.04: Report on Ragging and Anti-Ragging Measures

Discussion: - Board was informed about the measures taken by the Institute to prevent Ragging. There was no such case reported, though some of them were not related to Ragging but interpersonal rivalry. These had been taken care of by the Disciplinary action committee.

Agenda 45.05: Report and Review of Training Placement initiatives in the interim period by TPO (Kolkata)

Discussion: - The interim report of the placement activities was presented by TPO to the Board Members. The placement scenario was promising, but the expert suggested hard time ahead due to slow down and out students should be ready to face the challenges.

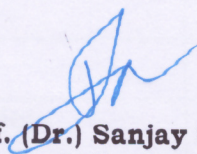
Agenda 45.06: Miscellaneous matters with the permission of the Chair

After completion of presentation of the Principal, esteemed Members were requested by the Chairman to put forward their suggestions for overall improvement of the Institute.

The meeting ended with a vote of thanks to the Chair and the Members present.



**Prof. (Dr.) Binay K. Dutta,
Chairman of the Board of Governors of
Dr. B.C. Roy Engineering College, Durgapur
& Former Visiting Professor,
Dr. B.C. Roy Engg. School of
Env. Science & Engineering,
IIT- Kharagpur**



**Prof. (Dr.) Sanjay S. Pawar
Principal, Dr. B.C. Roy Engg.
College, Durgapur &
Member-Secretary of the
Board of Governors,
Dr. B.C. Roy Engg. College,
Durgapur**