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

41st B.O.G. Meeting on 8th February, 2020

ATTENDANCE SHEET

Sl. No.	Name	Signature
01.	PROF. (DR.) BINAY K. DUTTA	
02.	Dr. ALOKNATH DE	
03.	SHRI SAIBAL SINHA	
04.	PROF. (DR.) SWAPAN KUMAR MONDAL	
05.	PROF. (DR.) ARUP MUKHERJEE	
06.	Dr. SATYAJIT BOSE	
07.	SHRI GOUTAM DASGUPTA	
08.	DR. HARISH HIRANI	
09.	PROF. (DR.) ANUPAM BASU	
10.	SRI. R. ROY CHOWDHURY	
11.	SRI. T. BHATTACHARYA	
12.	SRI J. SINGH	
13.	MRS. MITA MITRA	
14.	SRI. N. SIKDAR	
15.	PROF. (DR.) JAYANTA PAL	
16	PROF. (DR.) NARENDRANATH PATHAK	
17	DR. PIJUSH PAL ROY	

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Minutes of the 41st Meeting of the Board of Governors held on 8thFebruary, 2020 at 11.00 AM at the College Board Room

The 41st meeting of the Board of Governors of Dr. B. C. Roy Engineering College, Durgapur, was held on 8th February, 2020 at 11.00 AM at the college Board Room.

The meeting was presided over by Prof. (Dr.) Binay K. Dutta, Visiting Professor of School of Environmental Science & Engineering, IIT-Kharagpur & Chairman, Board of Governors, Dr. B. C. Roy Engineering College, Durgapur.

Members present:

1	Prof. (Dr.) Binay K. Dutta, Visiting Professor of School of Environmental Science & Engineering, IIT-Kharagpur	Chairman
2	Prof. (Dr.) Swapan Kr. Mondal, Professor, Kalyani Govt. Engg. College Representing Higher Education Dept., Govt. of West Bengal	Member
3	Shri Saibal Sinha, Assistant Director of Technical Education, Directorate of Technical Education, Govt of W.B. representing Director, DTE	Member
4	Prof. (Dr.) Arup Mukherjee, Professor, Department of Chemical Technology, University of Calcutta, representing MAKAUT.	Member
5	Dr. Aloknath De, Corporate Vice-President, & CTO, Samsung Electronics, Industry Representative	Member
6	Shri Goutam Dasgupta, Director (Application Development), Capgemini, Industry Representative	Member
7	Dr. Satyajit Bose, Chairman and Chief Cardiologist, The Mission Hostpital	Member
8	Shri T. Bhattacharya, General Secretary, BCREC Society	Member
9	Shri J. Singh, Treasurer, BCREC Society	Member
10	Shri R. Roychowdhury, President, BCREC Society	Member
11	Smt. Mita Mitra, Vice-President, BCREC Society	Member
12	Shri N. Sikdar, Asstt. Secretary, BCREC Society	Member
13	Prof. (Dr.)Pijush Pal Roy, Director, BCREC	Member-Secretary
14	Prof. (Dr.) Narendra Nath Pathak, Professor & HOD, Electronics & Communication Engineering Dept., Faculty representative, BCREC	Member
15	Prof. (Dr.) Jayanta Pal, Associate Professor & HOD, Basic Science & Humanities Dept., Faculty representative, BCREC	Member
16	Smt. R. Mitra, Registrar	Invitee Member
17	Shri Atanu Maity, Head (Training and Placement), Kolkata	Invitee Member
18	Shri Amitava Chakraborty, Chief of Corporate Affairs	Invitee Member

Members Absent due to pre-occupation:

1	Regional Officer, AICTE (ER)	Member
2	Prof. (Dr.) Harish Hirani, Director, CSIR-CMERI	Member
3	Prof. Anupam Basu, Director, NIT, Durgapur	Member

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At the outset, General Secretary introduced Prof. (Dr.) Binay K. Dutta, Visiting Professor of School of Environmental Science & Engineering, IIT-Kharagpur as new Chairman of Board of Governors, Dr. B. C. Roy Engineering College, Durgapur. He further expressed his sincere gratitude on behalf of BCREC Society to Prof. (Dr.) Binay K. Dutta, for his perception and avenues for advancement of the college and requested the Hon'ble Chairman to initiate the proceedings of the 41st Meeting of Board of Governors.

Chairman in his inaugural address welcomed all the members present in the house for making themselves available to attend the meeting despite their busy schedule and requested all to give their self-introduction so that he could be briefed about all the members.

Shri Goutam Dasgupta, Director (Application Development), Capgemini, Representative from Industry, Dr. Satyajit Bose, Chairman and Chief Cardiologist, The Mission Hospital and Prof. Narendra Nath Pathak, Faculty Representative were also welcomed for their inclusion as members in BOG. Shri Saibal Sinha, Asstt. DTE, who was deputed by the Director of DTE to attend the meeting on his behalf, was also welcomed in the meeting.

Thereafter the Chairman requested Prof. (Dr.) Pijush Pal Roy, Member Secretary, to proceed with the Agenda-wise discussion of the meeting and adopting of resolutions thereupon:

Agenda 41.02

Confirmation of the minutes of the 40th BoG meeting held on 10th August, 2019

Resolutions

Minutes of the 40th BoG meeting was unanimously accepted and confirmed as there being no comments on the minutes.

Agenda 41.03

Action Taken Report (ATR) by the Director (Member Secretary) as per decision of 40th BOG Meeting

Resolutions

BoG observed and appreciated that actions on all the items raised in the 40th meeting had been taken appropriately.

Agenda 41.04

Report of the Director on progress of the college
(Interim period from July/August, 2019 to January, 2020)

Resolutions

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1) BoG noted that the Odd Semester Theory Examinations 2019 of all UG and PG courses were conducted maintaining all the rules and regulations of the University Examination.

2) It was noted that classes for the Even Semester 2020 started from 21/01/2020 as per MAKAUT academic calendar and classes are being held in full-swing with good percentage of students' attendance.

3) BoG noted that Routine Coordination Committee consisting of 2 (two) faculty members from each department prepared the Schedule of all Even Semester 2020 classes.

4) BoG noted the steps taken by the college to improve the class attendance of the students and the faculty members should also propagate the above message repeatedly during the class rooms.

Prof. Arup Mukherjee mentioned that today's students are much more familiar with virtual world; through SWAYAM nowadays students learn faster than class-room teaching. He further mentioned that Smart Class Rooms can be used for webinar platform, which is an user-friendly interface. Industry people/global academician can be connected with the students. Webinar footage with expert guidance can also be played at set intervals to recreate the live experience for the students. Teachers should emphasize about such courses and be the guide, facilitator and mentor of the students. Moreover, colleges have to earn accreditation for survival, as per Washington Accord. Nowadays, students/parents are very much conscious about their choice and a good college with reputation is their destination. He advised that an in-built Accreditation Team must be formed in the college which will work throughout the year.

He further added that a **Comprehensive Plan** should be made by the college in this regard. For attaining sustainability in today's competitive scenario, the college has to adopt such practice.

Dr. Satyajit Bose shared his personal experience that in abroad, students are taking their lessons from the teachers on their laptops/tablets. They do not regularly attend the colleges rather they visit the campus twice a week. This self-study mode makes them interested to study and enhances the employability skills of the students. He further added that viability-dependent mechanism should be adopted by the college for its survival in today's competitive scenario.

5) BoG noted the guidelines for dates of **Continuous Evaluation Process** as notified by MAKAUT are as under: (i) First Evaluation Test by February 15, 2020 and it will be off-line, (ii) Second test (on-line) by February 29, 2020, (iii) Third test (off-line) by 28th March, 2020 and (iv) Fourth test by 25th April, 2020 which will be centralized.

(6) It was noted that first year students of 2019-20 will have to be registered for one of the MOOCs courses provided by NPTEL, **"Enrollment in problem solving through Programming in C" or "Joy of computing using Python"** which is of 4 credits.

7) BoG noted the extra-curricular activities to be organized by the college as part of MAR activities for the Even Semester 2020.

8) Chairman appreciated that the directives of MAKAUT for **Mentoring** of the students as per guidelines of MAKAUT are being meticulously followed by the college. He also advised that

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Mentoring Data/information records should be maintained for presenting to the Expert Teams for NAAC and MBA Accreditations.

9) BoG noted that the Fourth issue of **BCREC Newsletter** will be published shortly. BoG also appreciated that the copies of Newsletter is being sent to reputed schools of neighboring areas to publicize the visibility of the college. BoG also suggested that the college may publish "**E-Newsletter**" for wide circulation to all concerned especially to the college alumni.

Chairman advised that an option should be created in the Newsletter for "**Feedback from the recipient of the Newsletter"** which should be published in the subsequent issue.

10) BoG appreciated that the first online issue of academic journal of BCREC with a new name "***BCREC Engineering Science Transaction (BEST)"*** will be published shortly.

Chairman mentioned that launching of such journal will make the college visible in academic world.

11) BoG noted and appreciated the participation of the college for India Rankings 2020 to the National Institutional Ranking Framework (NIRF).

12) BOG noted various events already organized in the BCREC, like i) **Seminar on "Teaching and Learning Skill Development"** held on 22nd August 2019, ii) **2nd Intra-college Wall Magazine Competition** on 5th September, 2019, iii) **Leadership & Entrepreneurship Development Programme** held on 6th September, 2019, iv) **Intra-College Photography Competition** on 7th September 2019, v) **Workshop on Education Reforms** undertaken by MAKAUT officials on September, 18, 2019, vi) **Community Awareness Programme on Disaster Management** held on 27/09/2019, vii) **Workshop on Android Based Robotics** held on 16/11/2019, viii) **Celebration of 70th Constitution Day Programme** on 26th November, 2019, ix) **Digital Evaluation Workshop** conducted by Examination Cell of MAKAUT on 03/12/2019, x) **MoU Signing with Cambridge Marketing College** on 13th December 2019 at Peerless Inc, Kolkata, xi) **Global Alumni Meet** conducted on 22nd December 2019, xii) Celebration of Swami Vivekananda Jayanti on 12th January, 2020, xiii) **Students' Masters Programme at Southeast Missouri State University (SMSU), USA,** xiv) **IEEE sponsored Seminar "Enterprise Architecture and its Security"** held on 21st January, 2020, xv) **IEEE sponsored Students' Poster Contest** to be held on 31st January 2020), xvi) **Annual Sports**, xvii) **Celebration of Dulal Mitra Remembrance Day**, 12th February, 2020 and xviii) **Celebration of Tech-Fest and Cultural Fest** on 13th, 14th & 15th February, 2020.

41.05: Proposal of Award for Best Students, Best Departments and Graduation Day Celebration

Resolutions

BoG noted and appreciated the move of the college to instill the **"Best Student Awards"** for both UG and PG courses in the following categories, (i) **"Dulal Mitra Best Engineer Award"** unfolded to all final year pass-out students of B.Tech courses with DGPA of 8.0 and above (ii) **"Dr. B. C. Roy Best P.G. Student Award"** unfolded to all final year pass-out students of M.Tech, MBA & MCA courses with DGPA of 8.0 and above.

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BoG noted that two best performing departments exclusively from the Engineering branches will be awarded **Small Research Grant in the tune of Rs 50,000/- to 1,00,000/-**. BoG, however, advised that **for awarding two best Departments, criteria should be framed and it must be made transparent.**

BoG also appreciated that "**Graduation Day**" will be celebrated in the college where pass-out students will be awarded with the Final Certificates issued by the University since students of the college do not get the opportunity to attend the Convocation Ceremony of the University.

Chairman proposed that "Distinguished Alumni Award" may be given based on certain criteria and the above prizes may be awarded on the day of Alumni Meet.

41.06 : Status of NBA Accreditations

Resolutions

BoG noted that NBA is yet to confirm the date of visit of Expert Team in connection with accreditation for Information Technology and Mechanical Engineering Departments.

BoG further noted that there will be a visit **by the NBA team on 22/02/2020** for verification of the documents related to Compliance Reports for re-accreditation of two UG Engineering Programmes i.e. Electronics & Communication Engineering (ECE) and Computer Science & Engineering (CSE).

41.07 Status of NAAC Accreditation

Resolutions

BoG noted that in view of importance of NAAC assessment and accreditation to improve the quality of education, the college has started work to submit application for NAAC accreditation.

It was further noted that NAAC Accreditation work is voluminous in nature and the college will start the data uploading process by 15th February, 2020 and in one month i.e. by 15th March, 2020, it will be completed. The total process will be over by July/August, 2020 when semester final result of 8th semester and Audited Account of 2019-20 will be available for uploading. BoG also noted that within 3 months of completion of the process, the **Peer Team Visit** by NAAC is expected to be completed.

Agenda Item 41.08 : Report on Semester Examinations

Resolutions

BOG examined the graphic presentation of results of Even Semester 2019 and noted that the results indicate improvement of the students in pre-final and final years. BoG also noted that semester examinations were conducted maintaining sanctity of the university examination.

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Prof. Swapan Mondal and other members desired that in the next meeting results of one particular batch like 2015-19 (First Semester to Eighth Semester) should be submitted before the BoG so that real improvement of the students' performance student can be assessed.

41.09 : Progress Report of R&D Endeavours of the college

BoG appreciated R & D cell's initiative to encourage the participation of students in various exhibitions and fairs, to nurture their technical expertise. The R & D cell supervises each and every aspect of these events, such as preparation of models, arrangement of funds by applying to the college management and other facilities as and when required.

BoG also acknowledged various R & D initiatives (submission of 13 proposals for receiving funds from different agencies) of the faculty members and the students (participating in the exhibitions and securing prizes) of the college.

Chairman suggested that the students should be given mini-projects/term papers on various environmental and societal issues; students can also submit projects like "Adoption of five villages" under Unnat Bharat Abhijan Scheme of Govt. of India.

Agenda 41.10 : Report on Ragging and Anti-Ragging Measures

Resolutions

BOG noted that the college has taken adequate measures for prevention of "**Ragging**" in the campus and excepting an incident of misunderstanding among the junior and senior students in the college campus on 15/09/2019 which was taken care of by the authorities of the college, there was no case of ragging inside and outside the campus due to the strong invigilation by the ARC during the period under review.

41.11 : Report and Review of Training Placement initiatives

Resolutions

BoG noted that campus interview process for the 2020 passing out B.Tech batch started with Capgemini and the company selected 116 students. After a long time near about 11 years, Cognizant Technology Solutions have visited the College for a combined campus interview and they have selected 67 students from the College. The break-up of students selected in the major IT MNCs is Capgemini - 116, CTS – 67, TCS – 53, WIPRO – 28, Infosys – 01, IBM (Female Candidates) – 03, TCG Digital – 01, Zensar Technologies – 01 and Koyo Electronics – 01.

BoG further noted that the size of MBA 2020 batch is 59 and till now 18 companies have carried out On/Off campus drives. 10 students have been placed till now out of 59 students.

Mr. Goutam Dasgupta mentioned that the performance of both the students and the faculty members are really praiseworthy for improvement of such placement. However, he mentioned that Industry-Institute relationship is the need of the hour. Industry personnel can provide hands-on-training which is very helpful for the students to become industry-ready.

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Prof. Arup Mukherjee agreed to the above and mentioned that HR people of industry may be invited for interaction and exchange of ideas. Establishment of such industrial link will help the students to get the exposure of global lab.

Chairman agreed with the above views and advised that the college is on the right track, however more exploration be given on industry connect. Initiation should be taken for Industry-meet in the form of half-day or full-day workshop where senior personnel from the industry may be invited. The industry people may share their knowledge on practical problems of the industry/real-life issues to the students.

Dr. Satyajit Bose mentioned that at any cost, students must be made employable. With changing global scenario, students should be taught about behavioral patterns, adaptability, etc. other than academics so that they can cope up with the challenges faced by them on joining industry. He also mentioned that the teachers should take care about the behavioral pattern of the students and above classes/lessons should be repetitive and continuing to bring the best among the students.

Prof. Swapan Mondal mentioned that the college should organize workshop for the 2nd, 3rd and 4th year students by the Industry people to communicate/demonstrate about the expectation of the Industry. He further emphasized that such drive should be taken from the very beginning of the first year classes.

41.12 Miscellaneous matters with the permission of the Chair Resolutions

(i) Awards/Felicitation bestowed upon the College and faculty members:

BoG appreciated the rank of the college in TOP **10 among all over the India** in NPTEL Online certification courses during July-October, 2019. BoG congratulated Prof. (Dr.) Sharmistha De Dutta, Assistant Professor, Department of Basic Science and Humanities for her presentation of a paper at the IRED International Conference on Social Science, Economics and Management (SEM 2019) held in Rome, Italy during 7-8 December 2019 and awarded with Certificate of Participation.

BoG also applauded the following faculty/staff members who were awarded with Ph.D degrees from reputed Institutions like IIEST, NIT-Durgapur during the period under review.

- Prof. Soumen Mallick from AEIE Depatment
- Prof. Tushnik Sarkar from EE Department
- Prof. Mouparna Nandan from MCA Department
- Prof. Sneha Sultana from EE Department
- Prof. Sourav Pal from EE Department
- Prof. Dinesh Pradhan from IT Department
- Prof. Moumita Pradhan from IT Department
- Prof. Alok Kahali, Head of the Administration

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(ii) IEEE-NCETSTEA 2020 to be held on February 7-8, 2020:

BoG noted that the college is taking initiative to organize a National Conference "IEEE-NCETSTEA 2020" during February 7-8, 2020 to foster research and to generate ideas for sustainable growth in engineering applications. BoG appreciated that 48 authors including international authors have registered for presentation of papers in the seminar including 7 key-noted presentations by renowned Industry and Academic personalities.

(iii) Special initiatives taken by BCREC Society

BOG noted and appreciated **Special initiatives taken by BCREC Society** for overall improvement of the college and for welfare of all the staff members of the college (i) **(i) Enhancement of DA for all group colleges from 65% to 75%** (ii) **Beautification of the campus by installing a fountain** in the courtyard near the Main Administrative Building inside the campus.

Chairman suggested the following guidelines for implementation in classroom teaching as well as in other allied areas **in order to achieve excellence in academics** of the college and **to sustain in today's competitive world**.

1) Top-most priority must be given to **improvement of Communication Skill** of the students from the commencement of the classes in the First Semester. An all-round and concerted effort should be given by all the faculty members especially by the faculty members of English Department from the Day one. Class room teaching must be provided **EXCLUSIVELY** in **ENGLISH**. All the teachers must keep 10-15 minutes aside in the class for **students' interaction/group discussion (GD)** on the topics taught in the class. The above method will enable the students to communicate in English.

2) **Industrial Visit/Vocational Training/Internship** must be conducted **in structured manner** to meet the students' purpose and become beneficial for their learning and employability skill. Before the training or visit, **FACULTY MENTORS** must talk to his **STUDENT MENTEES** to brief about its requirement and benefits. The faculty members must also provide guidelines to the students so that they learn about practical problems from their training to be industry-ready. Mentors should also keep in touch with his/her mentees during training period. Mentees must also be advised to submit the **Reports of their Training/Industrial Visit.**

3) Students should be encouraged to go through the **video-lectures** of renowned Academicians on latest technological global developments. Faculty members should brief the students about **essence of new and emerging technologies** in today's world. The help of **Webinar** may be adopted and the smart classes may be utilized for this purpose. This will enhance quality of class room teaching.

4) **Special Classes** should be arranged and focus should be given on teaching of fundamental subjects like **Basic Mathematics, Basic Electronics, Basic Coding**, etc. from the very First Semester to learn about the **foundation of engineering subjects**.

5) Each and every department should organize **Workshop/Seminar** for the students where Industry people will either interact with the students or provide hands-on training.

6) Students should also be encouraged to make small projects and they must make presentation on such projects which will enhance their **presentation as well as communication skills.**

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6) Students should also be encouraged to make small projects and they must make presentation on such projects which will enhance their **presentation as well as communication skills.**

7) Initiative should be taken **to re-start GATE coaching classes** for all the students particularly for core branches – **ME, CE and EE.**

8) **Possibility of Dual Degree Program** (Student Exchange Program, etc.) may be explored after checking up all the rules and regulations of the Approving Bodies.

9) **R&D efforts by every department** should be undertaken at (i) **Individual Level** or (ii) **Inter-Disciplinary Level**. Utmost efforts should be given to procure **Grants through collaboration**.

10) **A comprehensive list of Alumni with contact no. and e-mail** must be prepared. 15 batches have already passed out from the college since inception of the college in 2000. Dean (Students' Affairs & Alumni) should take an all-out effort to get the details of the Alumni. The above data-base will be very much helpful for the T&P cell to bring the recruiters for campus placement.

11) In all the laboratories, **Manuals and Equipment' list** should be maintained. Students must be provided the soft copies of such Manuals.

12) **Calibration** should be tagged in the machines specifying the due date of renewal, AMC, etc.

13) In addition to **Libsys** in Central Library, **KOHA** (free availability) may be obtained to enhance accessibility.

Chairman advised the Member-Secretary to request all the faculty members to follow the above mentioned guidelines for overall development of the college in the existing competitive scenario.

The meeting ended with a vote of thanks to the Chair and the Members present. Member-Secretary while giving thanks added that valuable inputs from the Chairman and the Hon'ble Members of BoG will boost up the college to reach an academic standard compatible with renowned academic institutes of the country.

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

Prof. (Dr.) P. Pal Roy
Director, Dr. B.C. Roy Engg College,
Durgapur & Member-Secretary of
Board of Governors, Dr.B.C.Roy Engg
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