



Dr. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

(Approved by AICTE & Affiliated to MAKAUT, WB)

CAMPUS : JEMUA ROAD, FULJHORE, DURGAPUR-713206 (WB.) INDIA

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Minutes of the 44th Meeting of the Board of Governors held on 23rd July, 2022 at 11.00 hours at the College Board Room

The 44th meeting of the Board of Governors of Dr. B. C. Roy Engineering College, Durgapur, was held on 23rd July, 2022 at 11.00 AM at the college Board Room.

The meeting was presided over by Prof. (Dr.) Binay K. Dutta, Former Visiting Professor, 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, 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. Dhananjoy 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.) Keshab Bhattacharya, Educationist | Member |
| 6 | Dr. Aloknath De, Corporate Vice-President, & CTO, Samsung Electronics, Industry Representative | Member |
| 7 | Prof. (Dr.) Arup Sinha, Vice President & Utility Head, Virtuoso Consulting & Technology Ltd. | Member |
| 8 | Dr. Satyajit Bose, Chairman and Chief Cardiologist, The Mission Hospital & President, BCREC Society | Member |
| 9 | Shri T. Bhattacharya, General Secretary, BCREC Society | Member |
| 10 | Shri J. Singh, Treasurer, BCREC Society | Member |
| 11 | Smt. Mita Mitra, Vice-President, BCREC Society | Member |
| 12 | Shri R. Roychowdhury, Asstt. Secretary, BCREC Society | Member |
| 13 | Prof.(Dr.) Sanjay S. Pawar, Principal | Member-Secretary |
| 14 | Prof.(Dr.) K.M. Hossain, Vice-Principal, Faculty Representative, BCREC | Member |
| 15 | Prof.(Dr.) Narendra Nath Pathak, Dean (SW&A) & HoD (ECE), Faculty Representative, BCREC | Member |
| 16 | Smt. R. Mitra, Registrar | Invitee Member |



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| | | |
|----|--|----------------|
| 17 | Shri Atanu Maity, Head (Training and Placement), Kolkata | Invitee Member |
|----|--|----------------|

Members Absent (due to pre-occupation):

| | | |
|---|---|--------|
| 1 | Prof. (Dr.) Swapan Kr. Mondal, Professor, Kalyani Govt. Engg. College Representing Higher Education Dept., Govt. of West Bengal | Member |
| 2 | Shri Goutam Dasgupta, Director (Application Development), Capgemini, Industry Representative | Member |
| 3 | Regional Officer, AICTE (ER) | Member |
| 4 | Prof. (Dr.) Harish Hirani, Director, CSIR-CMERI | 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. Chairman mentioned that due to pre-occupation he could not attend the previous meeting of the BoG held on 18th December, 2021.

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

Agenda 44.01:- Confirmation of the minutes of the 43rdBoG meeting held on 18th December, 2021

Minutes of the 43rdBoG meeting placed by Prof. (Dr.) Sanjay S. Pawar, Principal and Member-Secretary, were unanimously accepted and confirmed.

Agenda 44.02:-Action Taken Report (ATR) by the Principal (Member Secretary) as per decisions of the 43rd BOG Meeting

As per the suggestions in the 43rd Board meeting, the action taken report was presented and was accepted in the meeting with minor corrections. It was also suggested to circulate the Minutes of the meeting to the members within a month of the meeting.

Agenda 44.03:-Report of the Principal on progress of the Institute (Interim period from January, 2022 to July, 2022)

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



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i) The Institute entered into **NIRF RANKING 2021** (within the band of 201 to 250) for the first time. Member-Secretary mentioned that the Institute will work hard for those parameters where the Institute could not secure good marks and has fixed the target to be within 100 in coming years.

ii) The Institute achieved **NBA ACCREDITATIONS** for another 3(three) UG Engineering programs, **Electrical Engineering, Mechanical Engineering and Information Technology** for 3 years with effect from 2022 to 2025. A total of 5 (five) UG engineering programs of the Institute now stand as NBA accredited with two other UG Engineering programs, ECE and CSE re-accredited three times. This also helped the Institute to fulfill the AICTE criteria of 75% accreditation of total programs.

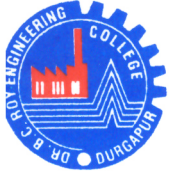
The MBA programme unfortunately could not get accredited; however, the Institute is working to minimize the gaps as per the suggestions given by the NBA Expert team. Planning has already been made for a separate building for the MBA programme and more attention is being given to improve the research activities to improve the standing for the programme.

iii) The Institute was awarded **Education Excellence Award 2022 in Emerging Technologies by Zee 24 Ghanta** for the year 2021. The Award was given by Dr Shashi Panja, Hon. Minister of Women and Child Development and Social Welfare and Shri Manoj Tiwari, Hon. Minister of Sports, Govt of West Bengal. Principal was invited for the Live Interaction with Zee 24 Ghanta team on the day of Award and Vice-Principal was invited for the Panel Discussion.

iv) The Institute could progress towards academic collaboration with foreign universities of repute for professional activities. An exploratory Grant for Going Global (**UK GBP 15000**) of **British Council** was completed by designing the course on "**Sustainable Transformation in Business Practice**" and submitted for approval of the British Council. Project was jointly done with **Anglia Ruskin University (ARU), UK**.

Principal paid a visit to two campuses of the ARU University **a. Cambridge Campus and b. Chelmsford Campus in UK** to have a discussion on the project proposals on different domains and to explore for another phase of grant. The opportunity of the visit to UK was used to visit the **Cardiff University Campus, Cardiff** for meeting and discussions on **possible tie-up and projects in areas of mutual interest**.

v) The Institute signed two Memoranda of Understanding (MOUs) with two renowned Organizations – **CSIR-CMERI** and **Capgemini**.



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The MoU with, **CSIR-CMERI** will focus on Research Collaboration, Utilization of laboratories, Training and Certificate Programmes and Faculty development Programmes.

The MoU with **Capgemini** will aim at training of the students and skill development like Hackathon for corporate experience and pre-joining training before they start their new journey in the Corporate World. The MoU will further enhance the pool of talent transformation in the field of emerging technologies like **Cloud Infrastructure services and other Technologies.**

vi) The Institute has also signed an MoU with **VITTI AI** for a joint collaboration and formed a Section 8 company with the name “**BCREC Artificial Intelligence and Emerging Technology (BAIET) Foundation**” and has been set-up in the campus for development of AI culture and Interest Group, Digital Transformation in Manufacturing, Setting up High Performance Lab for AIML and AR/VR laboratory, IoT Lab, and hosting developing, training and delivery center for various Industrial projects.

vii) Institute after achieving NAAC accreditation with B+ in September, 2021 submitted the first AQAR for the year 2020-21 successfully within deadline.

viii) The placements for the academic year 2020-21 was satisfactory with highest package offered Rs.11.50 lacs p.a. from IBM (single offers - 546 , multiple offers - 370 [Total - 916] during the current year of 2022, irrespective of branches. The detail of the breakup with programme is CSE - 238, ECE - 191, IT - 108, EE - 113, IEE - 17, ME - 81, CE - 54, MBA - 80, MCA - 34 [details are placed under the **Agenda 44.05 - Report and Review of Training Placement initiatives**].

ix) Dr. B. C. Roy Engineering College, Durgapur is recognized as an **ACTIVE** and one of the **top 100 active local chapters of NPTEL.**

x) The Institute student team was awarded 3rd position prize among the top finalists in West Bengal in a Hackathon (CTF) of excellence in the field of Cyber Security competing with several other top colleges.

xi) The Institute has also been “**SHORTLISTED**” for the **Grand Finale of Smart India Hackathon 2022** organized by Ministry of Education’s Innovation Cell (MIC) and the All India Council for Technical Education (AICTE).

2) Activities in Progress and Planning:



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i) Following projects are proposed to be carried out through joint collaboration with **BCREC Artificial Intelligence and Emerging Technology (BAIET) Foundation:**

- Projects of PoC from Durgapur Steel Plant, ISP Burnpur, Bhilai Steel Plant in the area of Digital Transformation and Artificial Intelligence.
- Conveyor belt snapping prediction project.
- Bar Counting Mill Project
- Power Grid Tower Activity Detection Project for security of towers – combination of camera and light services to each tower of Power Grid Corporation.
- CSIR Project Proposal for Smart Transportation System (A part of Smart City Project).
- Billet Length Cutting with repository/storage and remote access.
- Training Session for SAIL Executives in the Area of Cyber Security/Digital Transformation/Artificial Intelligence.
- Training Plan for AI in Crime and Police

ii) **Activities to be executed through AICTE IDEA Lab:-**

- The theme of **AICTE IDEA Lab** is Idea Development, Evaluation and Applications.
- Lab has 3D printer, CNC Router, LASER Cutter, 3D Scanning, and Wood Cutter etc. facilities for which training will be undertaken to the students and professionals.
- Training to external students from neighbouring Schools and Colleges for using various equipments in lab for development of projects and products.
- Skill based training to professionals who are interested in starting business in the area using the equipments in AICTE Lab.
- Entrepreneurial activities of students and staff members of the Institute.

Members suggested that the progress and activities carried out in AICTE IDEA Lab should be reported in each BoG Meeting.

iii) In alignment with the objective of indigenization and promoting skill development for the neighboring areas of our State as per **National Education Policy 2020**, thrust is being given so that students acquire practical knowledge.

iv) Setting up of various **Students Chapters** with National and International Linkages, e.g., IEEE, IE, ACM, CSI, Robotics and Drones, Google Student Developer Club, GIS, IETE, Sports Club, Cultural Club, NSS, NCC etc. to carry out various



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professional and non-professional activities to help students for their overall development.

v) In addition to conventional teaching and learning, **Skill-based Training** plan for First/Second/Third year students of all branches for enhancement of professional skills of the students in the area of 5G/6G/AIML, Quantum Computing, Drone and Robotics, Smart Cities, Autonomous vehicles etc. Training will help them to go for professional assignment afterwards.

vi) **Research & Industry Groups (RI)** of 2/3 representatives of faculty members from each department have been formed who are exclusively engaged to give thrust on RI activities. The group is looking after research activities, viz. to encourage faculty members for more publications (single or jointly with the students as well as cross-departmental), project proposal submission jointly with the students and with industry collaboration.

vii) Departments have published **E-Journals and Magazines**[CSE 2, EE-2, CE-1, ME-1] contributed by students and faculties; Mechanical Engineering department has also published a **Departmental Newsletter** with information about the activities/ achievements of the department

viii) **BCREC Engineering Science Transaction (BEST)** [Volume No. 3, Issue No.1]ISSN No.: **2582-9068** was published on **24th March, 2022**. R&D Cell is looking forward for enlisting BEST Journal under UGC Care list.**91 (approx.) numbers of journal publications** and 12 number of book publications were made by the faculty members during last one year.

ix) A Project on” **Upgradation and Modernization of VLSI Lab (Phase-II)**” to enhance teaching, training & research capabilities in the VLSI domain received the approval of AICTE. A grant amount of Rs 13,87,500/- (Thirteen lakh eighty-seven thousand five hundred only) was sanctioned under the Scheme - AICTE-MODROBs [Regular]. Project Coordinator/s are Prof. (Dr) AlokeSaha& Prof.(Dr) Tribeni Prasad Banerjee of ECE Department.

x) One Project Proposal “**Design and Development of Smart LED Driver IC (2203150108)**” has been submitted to Ministry of Electronics & Information Technology (MeitY) under Chips to Startup (C2S) program on 15th March, 2022. The Project Proposal and the Programme aim to train 85,000 numbers of high-quality



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and qualified engineers in the area of Chip Manufacturing Industry in the field of very large-scale integration (VLSI) and Embedded System Design.

xi) Another 30 seats in Mechanical Engineering (ME) program have been reduced in view of poor admission in ME programs for last few years. Intake capacity of ME stands at 60 from the academic year 2022-23. One new UG program in the emerging area – **Computer Science and Engineering (Data Science)** with an intake of 60 has been introduced with approval from the AICTE and University from the academic year 2022-23.

Following steps have also been taken/will be taken to customize a Standardized System followed by reputed Institutions.

- ❖ A new standardized system proposed at the Institute for keeping process documentation streamlined and ready as required in various accreditations.
- ❖ Various Committees have been re-organized and some new committees are constituted as per norms of Institute Innovation Council (IIC).
- ❖ **Stock Verification System** has been introduced in the departments with a team of 3 (three) faculty members (departmental and cross-domain).
- ❖ Academic Audit in each department is proposed to be conducted during August, 2022 by the IQAC team.
- ❖ The process of **Promotion/Upgradation of the Faculty Members (According to CAS) following the guidelines of AICTE-API criteria** is in progress.

3) The following routine information was presented to the Board Members.

i) Even Semester classes of 2022 for 2nd, 3rd and 4th year commenced in Physical mode from 1st February, 2022 as per MAKAUT academic calendar. 1st semester classes (which started late) started with effect from 16th March, 2022. However, all the classes continued till 4th June, 2022.

ii) Continuous Assessments marks were uploaded in the University Portal as per the timeline provided by the University.

iii) The end-Semester Practical, Sessional, Viva-voce, etc. Examinations were conducted **physically** by the Institute as per the guidelines of MAKAUT from 15th June, 2022 to 20th June, 2022. However, Theory Examinations were conducted by the University **ON-LINE** from 21st June, 2022 to 29th June, 2022.



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iv) The semester results of all students of UG and PG courses of Even Semester Examinations 2022 were published next day on 30th June, 2022.

v) Co-curricular and Extra-curricular activities were conducted physically mostly through NSS Cell. MAR marks were uploaded in the University portal as per date line.

vi) Mentoring Activities were also continued physically and marks were uploaded in the portal as per University Notification.

vii) Three faculty members were awarded Ph.D degrees from reputed Institutions namely **Prof. Pabitra Kumar Mandal (ME)**, **Prof. Sayantan Datta (CE)** and **Prof. Chandan Pal (EE)**.

viii) Series of Webinars/FDPs/Workshop/Seminars were also held in various Departments during the period. Renowned Speakers from Academics and Industry as well as few Alumni who are well-established in reputed places were invited. The above programs were held in both on-line and off-line mode. To name a few -

In collaboration with IEEE Students Branch, two Webinars "**METAMATERIALS AND THEIR APPLICATIONS ENCOMPASSING ASSISTANCE IN MICROWAVE TUBES**" (Speaker: Dr N. **PURUSHOTHAMAN**, Postdoctoral Research Fellow at Lancaster University and Ex-Scientist, CSIR-CEERI, Pilani) and "**GYROTRON: BASICS AND TRENDS**" (Speaker: **Prof. (Dr) ING. JOHN JELONNEK**, Director, Das Institut für Hochleistungsimpuls- und Mikrowellentechnik (IHM) (Institute for Pulsed Power and Microwave Technology) Karlsruhe Institute of Technology, Germany) were conducted by the R&D Cell of the Institute.

A National Workshop on "**DSIR-PRISM Scheme and Proposal writing**" was organized by DSIR-TePP Outreach cum Cluster Innovation Centre (TOCIC), IIT Guwahati. (Speakers: **PROF. DR. ANUPAM BASU**, Director, NIT Durgapur and **DR. RAMANUJ BANERJEE**, Scientist "F" and Member Secretary, DSIR-PRISM & RDI, DSIR, MoST and National Focal Point, India for UN-APCTT).

ix) An **IPR Awareness Program** by NIPAM, Patent office Kolkata, was arranged where the main speaker was Ms. Khusboo Kumari, Examiner of patent and Design, DPIIT, Ministry of Commerce, Govt. of India, an alumna of BCREC.



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x) **Bright Idea Competition** was organized for the student innovators by IIT, Guwahati in association with the R&D Cell to support the students in preparation of models, prototypes etc. as well as funding of in-house student projects. Best 3 groups of students were awarded for their innovative proposals. Third Prize was won by the students in DSIR PRISM students Mentoring category under the mentorship of Prof. Debkanta Chakraborty of CSE Department.

xi) Two 4th year students excelled to receive the fastest course completion award in a **Hackathon (CTF) of excellence in the field of Cyber Security** competing with several other top colleges along with cash prizes.

xii) Prof Krishna Roy of MBA department received the **Silver Global Jury Award 2021** in recognition of evaluating a significant number of student start-up proposals worldwide and guiding future entrepreneurs globally from Wadhvani Foundation on June 2nd, 2022.

xiii) Dr. Shashi Bajaj Mukherjee of Basic Science & Humanities Department was invited to validate 7 lectures for SWAYAM Online Courses by the AICTE (translation@aicte-india.org).

xiv) **Report on Semester Examinations:** The statistics of the results was presented to the members for the academic year 2021-22. Members noted that the results indicate improvement of the students in pre-final and final years.

xv) **Report on Admission Scenario of 2022:** Members noted that the date of web-based online counseling for admission in the State of West Bengal will be intimated shortly. All-India JEE MAIN Examination was conducted during June 23 – 29, 2022, results of which are yet to be published. However, admission through Lateral Entry has started.

On a query raised by Dy. Director of DTE, the Principal mentioned that in the last year the overall admission (inclusive of UG&PG courses) was 934. Breakup of the figure: B.Tech 1st year - 564 (total), Lateral Entry - 230, M.Tech- 20 and MBA & MCA - 60 each.

Agenda 44.04 : Report on Ragging and Anti-Ragging Measures

Members noted that all precautions have been taken to prevent any ragging in the Institute and hostel premises. Anti-Ragging Committee and Roving Squad consisting of faculty and staff members of the Institute are engaged in anti-ragging duties like



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previous pre-pandemic years. To date, no such case of ragging and bullying has been reported except very few stray incidents.

Agenda 44.05 : Report and Review of Training Placement initiatives

The statics and the placement status for the current year was presented to the members. Members noted that in spite of the advent of pandemic round the globe since 2020 affecting the job market/overall economy of the world, the overall Placement scenario was goodwith **highest package offered Rs.11.50 lakhs per annum**from **IBM. WIPRO** has made a **record offer of203 for the batch of 2021-22**

Members further noted that for the MBA 2022 batch, campus drive started in virtual mode with Berger Paints Ltd. The size of MBA 2022 batch is 59, out of which 49 is already placed. Multiple offers are - 31. Highest Package offered Rs.6.0 lakhs from PWC and Byju's.

During the discussion, the Board Members enquired about the highest, average and lowest package offered to the students. **TPO mentioned that this year the highest package was Rs 11.5 lakhs, lowest was Rs 2.5 lakhs and the average package remained around Rs 3.5 lakhs to 4 lakhs.** President wanted to know how many students received the velocity offers (Rs 6.5 lakhs) of WIPRO.

During the discussion, members also enquired about the numbers of eligible students (department-wise) and number of single offers and multiple offers received by the students. TPO informed that from next meeting, the same information/data will be presented to the members. The data for the current year are as follows:

| Placement Summary 2022 Batch | | | | | | |
|------------------------------|--------|-----------------|--------------|----------------|-------------|-------------------------|
| Sl.No. | Deptt. | No. of Students | Single Offer | Multiple Offer | Total Offer | Placed % (Single Offer) |
| 1 | CSE | 133 | 116 | 69 | 242 | 87.22 |
| 2 | IT | 67 | 58 | 36 | 108 | 86.57 |
| 3 | ECE | 136 | 106 | 54 | 192 | 77.94 |
| 4 | EE | 130 | 73 | 27 | 115 | 56.15 |
| 5 | IEE | 14 | 11 | 3 | 17 | 78.57 |



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|--------------|-----------------|------------|------------|------------|------------|--------------|
| 6 | ME | 107 | 63 | 17 | 83 | 58.88 |
| 7 | CE | 84 | 46 | 8 | 54 | 54.76 |
| 8 | MCA- 2019 - 22 | 20 | 6 | 0 | 6 | 30.00 |
| 9 | MCA - 2020 - 22 | 60 | 25 | 7 | 32 | 41.67 |
| 10 | MBA | 59 | 51 | 23 | 86 | 86.44 |
| TOTAL | | 810 | 555 | 244 | 935 | 68.52 |

It was also pointed out by the members that for the jobs offered by the IT Sectors, a student's soft skill, presentation, and attitude are judged. Since students are coming from different backgrounds, soft skill classes should start from the 1st year itself. Time to time, students of all years should appear for the Mock tests which may be conducted by the Professional Agencies. This way the employability ratio will definitely improve.

Members also wanted to know the Number of outgoing students going for higher education; Member-Secretary informed that 14 students have opted for higher education.

Agenda 44.06 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.

Dr. Arup Sinha pointed out that overall placement is promising; however, the training in the form of soft skill classes/business communication classes/on-line tests in the form of psychometry, technical skills, etc. should be conducted in regular manner.

Dr. Aloknath De advised that the faculty members should attend quality FDPs organized by reputed academic Institutions/Industry to enhance their knowledge and teaching skills. He further suggested that faculty members must be encouraged to pursue Ph.Ds.

Dr. Arup Mukherjee suggested that in each and every BoG Meeting, the progress/activities carried out in AICTE IDEA Lab may be placed. He further advised that the Incubation Cell should submit the project proposals and apply for grants which are now offered by various Agencies of the Government. He expressed hope



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that engagement of young faculty members as Trainers in the AICTE IDEA Lab would bring motivation in large scale.

Prof. Keshab Bhattacharya suggested that both modes (on-line/off-line) of teachings should be followed. Add-on courses (preferably on-line courses) must be offered to the students which are to be designed to bridge the gap between curriculum and the requirement of the Industry.

Dr. Anupam Basu suggested that physical mode of teaching cannot be sacrificed for regular classes. However, supplementary classes, i.e. Add-on courses may be taught on-line from the 1st year itself. He further suggested that final semester students can be offered internship for the whole semester so that the students will get accustomed with the environment of the Industry and learn practical skills.

Prof. Basu further suggested that value system amongst the students nowadays is totally absent; as such value education must be introduced.

Chairman suggested the following actions in order to achieve excellence in all respect and for the future growth of the Institute:

(i) Introduction of **BCREC Distinguished Lecture Series** where resource- persons from Industry/Academia should be invited. The above lecture series will be highly enriching in imparting valuable knowledge to the faculty members as well as the students of the Institute.

(ii) **Development of Solid Waste management and Compost:** the kitchen wastes which are degradable could be collected and composted in the gardens of the campus. The waste reduction, reuse and composting will reduce environmental pollution.

(iii) **Installation of few more Solar Panels** would help the Institute to make the campus pollution free and power storage experience.

(iv) Introduction of **Best Hostel, Best Department, Best Outgoing Student, Best Supporting Staff Awards in a year/semester** will motivate all concerned to rejuvenate themselves to give their best to the institute. Guidelines should be framed and may be implemented from the academic year of 2022-23.

(v) **Alumni Association should be revived** from its defunct status and made fully functional. Since the Institute is 22 years old, the distinguished Alumni can contribute a lot for the best interest of the Institute.



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(vi) **Social Services through NSS activities** should be strengthened; students should be involved in various activities so that they should be able to contribute for the Society. He suggested that additional courses coupled with films, adopting nearby villages will help the students to understand the Indian value system.

(vii) **Theme-based Conference or Workshop** must be organized by each department at least once in a year.

(viii) **Identification of bright students in the departments** inclined towards research activities would help to enhance the joint research publications by the faculty members and the students.

(ix) **Planning for the overall growth of the Institute should be made at least for 2 years in advance** and the plan should be followed whole heartedly.

(x) Implementation of above suggestions and the overall progress may be informed to the members of the BoG.

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

Hon'ble members may kindly note that the Institute has been selected as one of the **Nodal Centres** for the **Grand Finale** of **Smart India Hackathon 2022** among 75 reputed Institutes all-over India by Ministry of Education's Innovation Cell (MIC) and the All India Council for Technical Education (AICTE). The **SIH-2022** will be held in BCREC campus during August 25-26, 2022 for which the preparation is under full swing.

Prof. (Dr.) Binay K. Dutta,
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Dr. B.C. Roy Engineering College, Durgapur
& Former Visiting Professor,
Dr. B.C. Roy Engg. School of
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