



Dr. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

(Approved by AICTE & Affiliated to MAKAUT, WB)

CAMPUS : JEMUA ROAD, FULJHORE, DURGAPUR-713206 (W.B.), INDIA
☎ : (0343) 250-1353/4106/4121/4245, 8800443456, Fax : (0343) 250-4059
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8/2

BCR/PR/ /2021

December 02, 2021

NOTICE

This is for information to all concerned that Re-structuring of IQAC Cell has been made with inclusion of joining of new Principal and other personnel. The present structure of IQAC of Dr. B. C. Roy Engineering College, Durgapur, is as follows:

Sl. No.	Name	Designation in IQAC
1.	Shri Tarun Bhattacharya, General Secretary, BCREC Society	Management
2.	Prof. (Dr.) Sanjay S. Pawar, Principal	Chairperson
3.	Prof. (Dr.) K. M. Hossain, Vice-Principal	Co- Chairperson
4.	Dr. Sanjay Sengupta, HoD, Civil Engineering	Coordinator
5.	Smt. Ruma Mitra, Registrar	Member
6.	Dr. Aloke Kahali, Head (Administration)	Member
7.	Commdr. (Retd.) Ratnakar Ghosh, Campus Administrator	Member
8.	Shri Rajesh Chatterjee, Sr. Manager (Admn.)	Member
9.	Shri Ravi Sharma, Sr. Manager (Finance)	Member
10.	Prof. (Dr.) Narendra Nath Pathak, Dean (SW & A) & HoD (ECE)	Member
11.	Prof. (Dr.) Chandan Chattoraj, HoD, (ME)	Member
12.	Prof. (Dr.) Chandan Koner, HoD (CSE)	Member
13.	Prof. (Dr.) Somroop Siddhanta, HoD (MBA)	Member
14.	Dr. Jayanta Pal, HoD, Basic Science & Humanities	Member
15.	Dr. Pabitra Kumar Dey, HoD (MCA)	Member
16.	Dr. G.S. Mitra Thakur, AIML & IT	Member
17.	Dr. Anirban Bose, Computer Science & Engineering	Member
18.	Prof. Arijit Kumar Banerjee, Civil Engineering	Member
19.	Prof. Anandapova Majumdar, Computer Science and Engineering	Member
20.	Dr. Tribeni Prasad Banerjee, Asstt. Professor, ECE	Member
21.	Prof. Mou Das Mahapatra, Asstt. Professor, EE, BCREC & Member Alumni Association	Member
22.	Mr. Abhijit Shyam, Entrepreneur, President, Alumni Association, BCREC	Member
23.	Shri Sanjay Jha, HR Manager, Neo Metaliks	Member
24.	Shri Sujit Kumar Pal, Personnel Manager, GE India Power	Member

Prof. (Dr.) Sanjay S. Pawar
Principal

Principal
Dr. B. C. Roy Engineering College
DURGAPUR

Dr. B.C. Roy Engineering College, Durgapur
Copy to: General Secretary...for kind information
All concerned



DR. B.C.ROY ENGINEERING COLLEGE, DURGAPUR

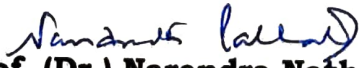
BCR/PR/ /2021

July 30, 2021

NOTICE

This is for information to all concerned that Re-structuring of IQAC Cell has been made with inclusion of new personnel in the meeting held on 30/07/2021 and the present structure of IQAC of Dr. B. C. Roy Engineering College, Durgapur, is as follows:

Sl. No.	Name	Designation in IQAC
1.	Shri Tarun Bhattacharya, General Secretary, BCREC Society	Management
2.	Prof. (Dr.) Narendra Nath Pathak, Principal	Chairperson
3.	Dr. Sanjay Sengupta, HoD, Civil Engineering	Coordinator
4.	Smt. Ruma Mitra, Registrar	Member
5.	Dr. Aloke Kahali, Head (Administration)	Member
6.	Commdr. (Retd.) Ratnakar Ghosh, Campus Administrator	Member
7.	Shri Rajesh Chatterjee, Sr. Manager (Admn.)	Member
8.	Shri Ravi Sharma, Sr. Manager (Finance)	Member
9.	Prof. (Dr.) K. M. Hossain, Dean (Academics)	Member
10.	Prof. (Dr.) Chandan Chattoraj, Mechanical Engineering	Member
11.	Prof. (Dr.) Chandan Koner, HoD (CSE)	Member
12.	Prof. (Dr.) Somroop Siddhanta, HoD (MBA)	Member
13.	Dr. Jayanta Pal, HoD, Basic Science & Humanities	Member
14.	Dr. Pabitra Kumar Dey, HoD (MCA)	Member
15.	Dr. Mrinmoy Chakraborty, Electronics & Communication Engineering	Member
16.	Dr. G.S. Mitra Thakur, Information Technology	Member
17.	Dr. Anirban Bose, Computer Science & Engineering	Member
18.	Prof. Arijit Kumar Banerjee, Civil Engineering	Member
19.	Prof. Mou Das Mahapatra, Asstt. Professor, EE, BCREC & Member Alumni Association	Member
20.	Mr. Abhijit Shyam, Entrepreneur, President, Alumni Association, BCREC	Member
21.	Shri Sanjay Jha, HR Manager, Neo Metaliks	Member
22.	Shri Sujit Kumar Pal, Personnel Manager, GE India Power	Member


Prof. (Dr.) Narendra Nath Pathak
Principal
Dr. B.C. Roy Engineering College, Durgapur



Copy to: General Secretary...for kind information
All concerned

Re-structuring of IQAC Cell was made with inclusion of new personnel and change of designation of existing members in the meeting held on 28/02/2020 and the **present structure of IQAC is as follows:**

Sl. No.	Name	Designation
1	Shri Tarun Bhattacharya, General Secretary, BCREC Society	Management
2	Prof.(Dr.) Pijush Pal Roy, Director	Chairperson
3	Prof. (Dr.) Sanjay Sengupta, HoD, Civil Engineering	Coordinator
4	Smt. Ruma Mitra, Registrar	Member
5	Dr. Aloke Kahali, Head (Administration)	Member
6	Commdr.(Retd.) Ratnakar Ghosh, Campus Administrator	Member
7	Shri Rajesh Chatterjee, Sr. Manager (Admn.)	Member
8	Shri Ravi Sharma, Sr. Manager (Finance)	Member
9	Prof. (Dr.) Chandan Chatteraj, Dean(Academics)	Member
10	Prof. (Dr.) Narendra Nath Pathak, Dean (SW & A)	Member
11	Prof. (Dr.) Chandan Koner, HoD (CSE)	Member
12	Prof. (Dr.) Rajib Roy, HoD (MBA)	Member
13	Prof. (Dr.) Jayanta Pal, HoD, Basic Science & Humanities	Member
14	Prof. (Dr.) Pabitra Kumar Dey, HoD (MCA)	Member
15	Prof. (Dr.) Debaprasad Mukherjee	Member
16	Prof. Anirban Bose, Instrumentation & Electronics	Member
17	Prof. Arijit Kumar Banerjee, Civil Engineering	Member
18	Prof. Mou Das Mahapatra, Asstt. Professor, EE, BCREC	Member
19	Shri Abhijit Shyam, Entrepreneur, President, Alumni Association, BCREC	Member
20	Shri Sanjay Saha, HR Manager, Neo Metaliks	Member
21	Shri Sujit Kumar Pal, Personnel Manager, GE India Power	Member


Plan of Action:

- To conduct the meeting at the beginning of each semester (Twice in a year)
- Prime agenda of the meeting would be review based planning of academic policies for the sustainable growth of the Institute
- To develop a monitoring system for quality assurance of the policies

Academic Activities

- To organize an interactive session with faculty members following the guidelines given by Governing Body, College Academic Council (CAC) and Departmental Academic Council (DAC) to strengthen the Teaching Learning process.
- Preparation and release of guidelines regarding all Academic activities before the commencement of Semester
- Preparation of list of faculty mentors at Department level and distribution of mentoring registers along with guidelines to follow




Pijush Pal Roy
 DIRECTOR
 Dr. B. C. Roy Engineering College
 DURGAPUR

DR. B.C.ROY ENGINEERING COLLEGE, DURGAPUR

BCR/PR/ /2018

June 08, 2018

NOTICE

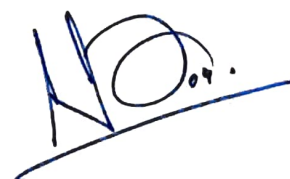
This is for information of all concerned that Dr. B. C. Roy Engineering College, Durgapur, will be applying for NAAC accreditation at the earliest. Formation of **Internal Quality Assurance Cell (IQAC)** is a requirement to enhance the quality of higher education as per the guidelines of NAAC. Since quality enhancement is a continuous process, the IQAC will become a part of the system and procedure of the college henceforth. **The prime task of the IQAC will be development of a system for conscious, consistent and catalytic improvement in the overall performance of the college.**

The following committee is being constituted as per structure of NAAC and the committee will monitor and coordinate the activities of Internal Quality Assurance Cell (IQAC).

- 1. Chairperson: Head of the Institution** - Prof.(Dr.) Pijush Pal Roy, Director
- 2. A few senior administrative officers** – Ms. Ruma Mitra, Registrar, Mr. Aloke Kahali, Head (Admn), Mr. Rajesh Chatterjee, Manager (Administration), Mr. Ravi Sharma, Manager (Finance)
- 3. Three to eight teachers** - Prof. (Dr). D. P. Mukherjee, IT, Prof. (Dr.) Chandan Chatteraj, ME, Prof. (Dr.) N. N. Pathak, ECE, Prof. (Dr.) Chandan Koner, CSE, Prof. (Dr.) Rajib Roy, MBA, Prof. (Dr.) Jayanta Pal, BSH, Prof. Anirban Bose, AEIE, Prof. Pabitra Kumar Dey, MCA, Prof. Arijit Kumar Banerjee, CE
- 4. One member from the Management** – Mr. Tarun Bhattacharya
- 5. One/two nominees from local society, Students and Alumni** – Prof. Mou Das Mahapatra, Asstt. Professor, EE, BCREC and Mr. Abhijit Shyam, Entrepreneur, President, Alumni Association, BCREC
- 6. One/two nominees from Employers /Industrialists/stakeholders** – Mr. Sanjay Jha, HR Manager, Neo Metaliks and Mr. Sujit Kumar Pal, Personnel Manager, GE India Power
- 7. One of the senior teachers as the coordinator/Director of the IQAC** - Prof. Sanjay Sengupta, CE

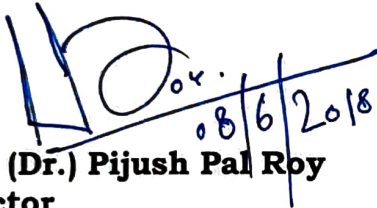
Some of the functions of the IQAC will be:

- Development and application of quality benchmarks/parameters for various academic and administrative activities of the institution
- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process
- Arrangement for feedback response from students, parents and other stakeholders on quality-related institutional processes
- Dissemination of information on various quality parameters of higher education



- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles
- Documentation of the various programmes/activities leading to quality improvement
- Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices
- Development and maintenance of institutional database through MIS for the purpose of maintaining/enhancing the institutional quality
- Development of Quality Culture in the institution
- Preparation of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC to be submitted to NAAC post-accreditation.

It is expected that formation of IQAC will facilitate/contribute to the enhancement and coordination among various activities of the institution and institutionalize all good practices. Moreover, it will build an organized methodology of documentation and internal communication to improve institutional functioning.



Prof. (Dr.) Pijush Pal Roy
Director
Dr. B.C. Roy Engineering College, Durgapur

Copy to: General Secretary...for kind information
All HODs/Incharges
Registrar
Head-Administration
Proctor
Manager (Finance)
Manager (Admn.)



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Dr. B. C. Roy
Engineering
College (BCREC)

Internal Quality Assurance Cell (IQAC)

Agenda of the Seventh IQAC meeting (IQAC_7) to be held on 30th July, 2021

1. Confirmation of Minutes of previous meeting (6th Meeting of IQAC)
2. Re-structuring of IQAC Cell in view of engagement of Prof. (Dr.) Narendra Nath Pathak as Principal of the college w.e.f 7th July, 2021
3. Discussion on Conduct of Even Semester Examination 2021 during the Pandemic COVID-19
4. Discussion on NAAC status –
 - Proposed dates of Visit for NAAC Peer Team and subsequent preparation of all the departments for the ensuing visit
 - Academic-Audit by NAAC Team
5. Discussion on the progress of NBA Accreditation status –
 - Pending visit of Evaluation team for accreditation of Mechanical Engineering and Information Technology Departments
 - Submission of SARs by two UG & PG Programs: Electrical Engineering (EE) and Master of Business Administration Departments (MBA)
6. Selection of the college for establishment of AICTE-IDEA lab
7. Selection of the college by the AICTE for imparting Learning in Teaching Excellence (LITE) Program
8. Conduct of Theme based webinar series on completion of one year of Transformative Reforms under New Education Policy (NEP) 2020
9. Re-structuring of Feedback on Teaching-Learning Process by the students of the departments following the OBE process
10. Inclusion of new Programs/ Specialization/bridge course
 - Two new UG programs in emerging areas – Computer Science & Design (CSD) and Artificial Intelligence & Machine Learning (AIML)
 - An additional specialization area in MBA program, Health Care Management
 - Bridge course in MCA program
11. International Interdisciplinary Conference on the topic "Mathematics, Engineering & Science (MESIICON 2022)

Sanjay Sengupta
Prof. (Dr.) Sanjay Sengupta
Coordinator, IQAC Cell





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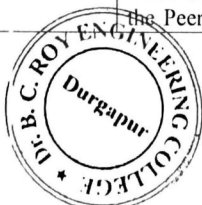
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Minutes of the proceedings of the Seventh Meeting of Internal Quality Assurance Cell (IQAC) of Dr. B. C. Roy Engineering College, Durgapur

The 7th IQAC Meeting was conducted on 30th July 2021 at 3.00 pm in the Board Room. Prof. (Dr.) Narendra Nath Pathak (newly appointed Principal), Chairperson of IQAC chaired the meeting.

Item	Agenda	Minutes of the proceedings
7/1	Confirmation of minutes of previous meeting	Minutes of the 6 th meeting of IQAC was unanimously accepted and confirmed.
7/2	Re-structuring of IQAC in view of engagement of Prof. (Dr.) Narendra Nath Pathak as Principal of the college w.e.f 7 th July, 2021	Re-structuring of IQAC was made with inclusion of new personnel; Prof. (Dr.) Narendra Nath Pathak took over the charge of Principal of the college and became the Chairperson of the IQAC. Prof. (Dr.) K.M. Hossain after taking over the charge of Dean (Academics) became the member of IQAC as well as Dr. G.S. Mitra Thakur of Information Technology Department has been included in the IQAC.
7/3	Discussion on Conduct of Even Semester Examination 2021 during the Pandemic COVID-19	<p>IQAC noted that the Even Semester Theory Examinations 2021 of the University for all UG courses were conducted during 13th July, 2021 to 20th July, 2021 following the same procedure of Alternate Evaluation Process. Colleges sent all evaluation marks of theory and practical examinations held on-line, marks of Mock Tests, Quizzes, etc.</p> <p>IQAC also noted that as per Notification Ref. No. COE/MAKAUT,WB/91/2021 dated 29/06/2021, the Intermediate Even Semester Examinations of 2021 will be conducted during 9th August, 2021 to 21st August, 2021.</p>
7/4	<p>Discussion on NAAC status -</p> <ul style="list-style-type: none">➤ Proposed dates of Visit for NAAC Peer Team and subsequent preparation of all the departments for the ensuing visit➤ Academic –Audit by NAAC team	<p>IQAC Coordinator, Dr. Sanjay Sengupta, informed that proposed dates of visit for the NAAC Peer Team are already over and the college have to send another three dates. It was discussed and agreed upon that in view of commencement of admission process for 2021-22 at an early date, all three dates may be given in the first half of September, 2021 itself – 3rd & 4th September (Friday, Saturday), 8th & 9th September (Wednesday, Thursday) and 14th & 15th September (Tuesday, Wednesday). New Principal, Prof. (Dr.) N N Pathak also requested the members to inform the HoDs of all the departments to be ready for the visit of NAAC Peer Team with all the documents.</p> <p>IQAC Coordinator, Dr. Sanjay Sengupta, further informed that he himself along with other members visited Electrical Engineering Department (will be submitting SAR to the NBA shortly) and conducted an audit of all the documents and processes. The team also suggested certain measures which the department readily accepted and incorporated the same in the NBA-SAR.</p>
7/5	Discussion on the progress of NBA Accreditation status –	IQAC noted that though two departments have submitted the SARs in June, 2019 and proposed two times dates of visit for the Peer Team, yet the visit did not take place due to ongoing

Sanjay Sengupta



Narendra Nath Pathak





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	<p>➤ Pending visit of Evaluation team for accreditation of ME and IT Departments</p> <p>➤ Submission of SARs by two UG & PG Programs: EE and MBA Programs</p>	<p>pandemic COVID-19. Of late, college has suggested another five set of dates in July (23-25), August (6-8, 20-22, 27-29) and September (10-12), 2021.</p> <p>IQAC noted that the completion of filling up of SARs is going on in full swing in the departments – EE & MBA and hopefully they will be submitting the same by 21st August, 2021 before the cut-off date of 24th August, 2021. It was decided that before submission, both the departments will give a presentation on SARs criterion-wise to a committee consisting of Principal, Dean (Academics), NAAC Chairman and the Registrar. Dates were fixed for the two programs – 13/08/2021 (for EE) and 14/08/2021 (for MBA). The suggestions/observations of the said committee will be incorporated in the SARs.</p>
7/6	<p>Selection of the college for establishment of AICTE-IDEA lab</p>	<p>IQAC appreciated that the college has been selected for establishment of AICTE IDEA LAB (which is a part of the mission 'Atma Nirbhar Bharat' by Government of India), after facing a rigorous screening process of AICTE across the country. IQAC felt that the IDEA LAB will greatly enhance the visibility of the college amongst the Industry and the schools in neighbouring areas and significantly improve the employability of the students by imparting 21st century skills.</p>
7/7	<p>Selection of the college by the AICTE for imparting Learning in Teaching Excellence (LITE) Program</p>	<p>IQAC noted that the College has been selected as one of the Institute for prestigious Leadership in Teaching Excellence (LITE) Programme by AICTE recently to act as AICTE Brand Ambassador of Change. LITE is a flagship programme of AICTE, to strengthen the elite National Engineering Leadership Cadre of Software Engineers to fulfill the goal of National Education Policy (NEP) 2020 through proven online teaching-learning methods to a larger cross section of Institutions, teachers and students. The aim of LITE is to teach modern computer engineering knowledge to 24 million children and lead them to the domains of entrepreneurship instead of paid employment.</p>
7/8	<p>Conduct of Theme based webinar series on completion of one year of Transformative Reforms under New Education Policy (NEP) 2020</p>	<p>New Education Policy (NEP) 2020 is a transformational and empowering policy. Many of the countries in the world are looking at it with great enthusiasm and are likely to follow suit. IQAC advised that as advised by the AICTE, the college should organize 08 theme-based webinars on various subjects at institute level following the webinars organized by different Ministries/Departments from 30/07/2021 to 06/08/2021.</p> <ul style="list-style-type: none"> • Equity & Inclusion on 30/07/2021 • Multidisciplinary & Holistic Education (02/08/2021) • Skill, Entrepreneurship Development & Employability: Challenge and Opportunities (03/08/2021) • Effect of NEP on Youth Empowerment And Sports Development(04/08/2021) • Indian Knowledge System, Languages, Arts and Culture (05/08/2021)

Sanjay Sengupta



Vandana Palit



Dr. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

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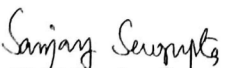
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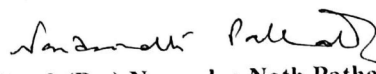
		• Quality Education, Accreditation And Teacher Development (06/08/2021)
7/9	Re-structuring of Feedback by the students on Teaching-Learning Process of the departments following the OBE process	It was discussed and agreed upon that the departmental level feedback should be discussed in the Departmental Academic Council (DAC) and Action Taken Report (ATR) of the departments should be placed in the Central Academic Council to make the system fool-proof. The on-line feedback questionnaire should be re-structured from the academic year 2020-2021 following the OBE process. IQAC also suggested that corrective measures should be taken by the departments for implementation; as such mid-semester feedback system should be introduced. IQAC Chairperson suggested that HoDs should personally monitor the findings/corrective measures to be adopted by the individual teacher.
7/10	Inclusion of new Programs/Specialization/bridge course ➤ Two new UG programs in emerging areas – Computer Science & Design (CSD) and Artificial Intelligence & Machine Learning (AIML) ➤ An additional specialization area in MBA program, Health Care Management ➤ Bridge course in MCA program	IQAC noted that in view of students' interest to study in Computer Science related subjects, college applied to the AICTE and received approval from both AICTE and MAKAUT for opening of two new UG programs in emerging areas – Computer Science & Design (CSD) and Artificial Intelligence & Machine Learning (AIML) IQAC further noted that since Health Care Management is a booming sector nowadays, MBA department will offer an additional specialization, Health Care Management . IQAC suggested that to fulfil the criteria of the University, MCA students who have passed Bachelor of Science, Bachelor of Commerce or Bachelor of Arts with mathematics at 10+2 or at the graduation level should study an additional bridge course (preferably from NPTEL) on computer related subjects.
7/11	International Interdisciplinary Conference on the topic "Mathematics, Engineering & Science (MESIICON 2022)	IQAC noted that International Interdisciplinary Conference on the topic "Mathematics, Engineering & Science (MESIICON 2022) will be held in 2022 and will be attended by distinguished Scientists, Academicians, Industry Professionals, Researchers, Management Personalities, Industry Professionals and the Students from all over the world. The goal of the Conference is to create a platform for cross-sector dialogues on variety of challenging areas and exchange of break-through ideas relating to the Mathematics, Engineering & Science applicable to common mass of the country.

It was unanimously decided to conduct the next meeting in the month of November, 2021 after the admission process for the academic year 2021 is over.

The meeting thereafter ended with a vote of thanks to the Chair.


Prof. (Dr.) Sanjay Sengupta
Coordinator, IQAC Cell




Prof. (Dr.) Narendra Nath Pathak
Chairperson, IQAC Cell

Principal
Dr. B. C. Roy Engineering College
DURGAPUR





Dr. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

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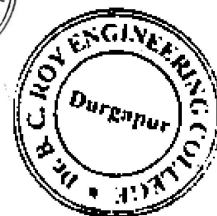
DR. B.C.ROY ENGINEERING COLLEGE, DURGAPUR

BCR/PR/ /2021

July 30, 2021

ATTENDANCE OF 7TH INTERNAL QUALITY ASURANCE CELL (IQAC) MEETING HELD ON JULY 30, 2021

Sl. No.	Name	Designation in IQAC	Signature
1.	Shri Tarun Bhattacharya, General Secretary, BCREC Society	Management	
2.	Prof. (Dr.) Narendra Nath Pathak, Principal	Chairperson	
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10.	Prof. (Dr.) Chandan Chatteraj, Mechanical Engineering	Member	
11.	Prof. (Dr.) Chandan Koner, HoD (CSE)	Member	
12.	Prof. (Dr.) Somroop Siddhanta, HoD (MBA)	Member	
13.	Dr. Jayanta Pal, HoD, Basic Science & Humanities	Member	
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18.	Prof. Arijit Kumar Banerjee, Civil Engineering	Member	
19.	Prof. Mou Das Mahapatra, Asstt. Professor, EE, BCREC & Member Alumni Association	Member	
20.	Mr. Abhijit Shyam, Entrepreneur, President, Alumni Association, BCREC	Member	
21.	Shri Sanjay Jha, HR Manager, Neo Metaliks	Member	
22.	Shri Sujit Kumar Pal, Personnel Manager, GE India Power	Member	





Dr. B. C. Roy
Engineering
College (BREC)

Internal Quality Assurance Cell (IQAC)

Agenda of the Eighth IQAC meeting (IQAC_8) to be held on 9th December, 2021

1. Confirmation of Minutes of previous meeting (7th Meeting of IQAC)
2. Re-structuring of IQAC Cell in view of joining of Prof. (Dr.) Sanjay S. Pawar as Principal of the college w.e.f 1st December, 2021
3. Discussion on NAAC status –
 - Discussion on award of NAAC grade B+ and scope for improvement as suggested by the NAAC Peer Team in their Report as well as through the Institutional Grade Sheet provided by the NAAC Authorities
 - Review of data/documents prepared for submission of AQAR (Academic year 2020- 21)
 - Submission of AQAR data before the Board of Governors of the Institute for statutory approval
 - Academic-Audit by IQAC Team for four UG & PG departments – ME, IT, EE and MBA for academic year 2020-21
4. Discussion on the progress of NBA Accreditation status
5. Progress on AICTE-IDEA lab set-up
6. Suggestions of IQAC for improving teaching-learning process
 - Allocation of Project work to the B.Tech pre-final year students for all departments
 - Career Guidance – Establishment of In-house GATE Cell

Sanjay Sengupta

Prof. (Dr.) Sanjay Sengupta
Coordinator, IQAC Cell





Dr. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

(Approved by AICTE & Affiliated to MAKAUT, WB)

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Minutes of the proceedings of the Eighth Meeting of Internal Quality Assurance Cell (IQAC) of Dr. B. C. Roy Engineering College, Durgapur

The 8th IQAC Meeting was conducted on 9th December 2021 at 3.00 pm in the IQAC Room. Prof. (Dr.) Sanjay S. Pawar (newly appointed Principal), Chairperson of IQAC chaired the meeting.

Item	Agenda	Minutes of the proceedings
8/1	Confirmation of minutes of previous meeting	Minutes of the 8 th meeting of IQAC was unanimously accepted and confirmed.
8/2	Re-structuring of IQAC in view of engagement of Prof. (Dr.) Sanjay S. Pawar as Principal of the Institute w.e.f 1 st December, 2021	Re-structuring of IQAC was made with inclusion of new personnel; Prof. (Dr.) Sanjay S. Pawar took over the charge of Principal of the Institute and became the Chairperson of the IQAC. Prof. (Dr.) K.M. Hossain after taking over the charge of Vice-Principal became the Co-Chairperson of IQAC. Dr. Tribeni Prasad Banerjee of ECE Department has been included in the IQAC too.
8/3	Discussion on NAAC status – ➤ Discussion on award of NAAC grade B+ and scope for improvement as suggested by the NAAC Peer Team in their Report as well as through the Institutional Grade Sheet provided by the NAAC Authorities	Prof. (Dr.) S. Sengupta, IQAC Coordinator explained all the details related to awarding of marks on various criterions by the Peer Team as well as provided in DVV Grade Sheet. Dr. Sengupta emphasized that certain improvements in academics (teaching-learning process) in each year should be achieved by the Institute so that the information/data can be reflected in the AQARs in subsequent years for getting better grading. Dr. Sengupta mentioned few points where the Institute has to start taking actions for improvement – i) Filled-in Feedback Forms of the students should be available. ii) Add-on courses must be introduced for each department with maximum participation of the students as well as the Certificates to be provided to the students. iii) The NAAC Peer Team suggested that the Institute NSS Cell must be registered with Statutory Authorities of the State. iv) NAAC Peer Team also suggested that the R&D activities of the Institute must be enhanced for further improving the marks/grades in subsequent accreditations. v) Departments should take much more initiatives to collect the scholarship data received by the students from different external Govt. Agencies. vi) Departments should also put efforts to collect the data on higher studies for a particular academic year. Current and previous pass-out students should be requested to provide their higher studies' data to the departments.

Sanjay Sengupta



Principal
Dr. B. C. Roy Engineering College
DURGAPUR



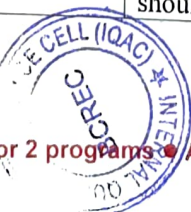
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	<ul style="list-style-type: none">➤ Review of data/documents prepared for submission of AQAR (Academic year 2020-21).➤ Submission of AQAR data before the Board of Governors of the Institute for statutory approval	IQAC after discussing thoroughly the AQAR data for the academic session 2020-21, approved the same unanimously. Registrar was advised to place the approved AQAR data before the BoG in the ensuing 43 rd meeting to be held on 18 th December, 2021 for approval before the submission of AQAR by the deadline of December, 2021.
	<ul style="list-style-type: none">➤ Academic-Audit by IQAC Team for four UG & PG departments – ME, IT, EE and MBA for academic year 2020-21	Discussion also took place on academic-audit of the departments by the IQAC team which is going for NBA accreditations. IQAC Coordinator mentioned that the IQAC team has conducted the audits for the year 2020-21 for the EE, IT, ME and MBA departments. IQAC Chairman advised that henceforth all the departments should go for academic-audit from the academic session of 2021-22 which should be placed before the Academic Council of the Institute.
8/4	Discussion on the progress of NBA Accreditation status	IQAC Coordinator informed that vide mail dated 25/11/2021 NBA has informed that the visit of Expert Team in connection with accreditation for three UG programs, viz. IT, ME, EE and for one PG program, MBA will take place during January 7-9, 2022. IQAC Chairman advised that four departments should get the required data/information and expertise from IQAC team for exhibiting Institute specific documents.
8/5	Progress on AICTE-IDEA lab set-up	IQAC noted that the Institute will issue Tender Notice shortly inviting the supply of equipment, tools, consumables, etc. as per specification of project proposal, which the Institute has to procure for creation of AICTE IDEA Lab. IQAC also suggested that the Institute should avail exemption in GST by producing the affiliating University's Registration Certificate with DSIR.
8/6	Suggestions of IQAC for improving teaching-learning process <ul style="list-style-type: none">➤ Allocation of Project work to the B.Tech pre-final year students for all departments➤ Career Guidance – Establishment of In-house GATE Cell	IQAC Chairman suggested that project should be allotted to the pre-final year students so that students will get sufficient time to gain knowledge about the topic and with enhanced knowledge, good project proposals could be prepared by them in the final year. IQAC further suggested that the Institute should take an initiative to start an indigenous GATE Cell where the students of five departments EE, ME, CE, ECE & CSE should be considered for GATE coaching classes. Duration

Sanjay Sengupta



Principal

Dr. B. C. Roy Engineering College
DURGAPUR

• NBA Accredited for 2 programs

• Accredited with 'B+' Grade by NAAC



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		of the course should be 10 months. Total 320 hours' classes should be conducted including the coaching and preparation for GATE Examination.
	➤ Conduct of Webinars/ FDPs for advancement of academics/ research	IQAC advised that the departments should organize Webinars/FDPs on Transformative Reforms under New Education Policy (NEP) 2020 as well as Engineering Education in 21 st Century for enhancement of knowledge and skills. Eminent Academicians should be invited to share their expertise.

The meeting thereafter ended with a vote of thanks to the Chair.

Sanjay Sengupta
Prof. (Dr.) Sanjay Sengupta
Coordinator, IQAC Cell

Sanjay S. Pawar
Prof. (Dr.) Sanjay S. Pawar
Chairperson, IQAC Cell

Principal
Dr. B. C. Roy Engineering College
DURGAPUR





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DR. B.C.ROY ENGINEERING COLLEGE, DURGAPUR

ATTENDANCE OF 8TH INTERNAL QUALITY ASURANCE CELL (IQAC) MEETING HELD ON December 09, 2021

Sl. No.	Name	Designation in IQAC	Signature
1.	Shri Tarun Bhattacharya, General Secretary, BCREC Society	Management	
2.	Prof. (Dr.) Sanjay S. Pawar, Principal	Chairperson	
3.	Prof. (Dr.) K. M. Hossain, Vice-Principal	Co- Chairperson	
4.	Dr. Sanjay Sengupta, HoD, Civil Engineering	Coordinator	
5.	Smt. Ruma Mitra, Registrar	Member	
6.	Dr. Alope Kahali, Head (Administration)	Member	
7.	Commr. (Retd.) Ratnakar Ghosh, Campus Administrator	Member	
8.	Shri Rajesh Chatterjee, Sr. Manager (Admn.)	Member	
9.	Shri Ravi Sharma, Sr. Manager (Finance)	Member	
10.	Prof. (Dr.) Narendra Nath Pathak, Dean (SW & A) & HoD (ECE)	Member	
11.	Prof. (Dr.) Chandan Chatteraj, HoD, (ME)	Member	
12.	Prof. (Dr.) Chandan Koner, HoD (CSE)	Member	
13.	Prof. (Dr.) Somroop Siddhanta, HoD (MBA)	Member	
14.	Dr. Jayanta Pal, HoD, Basic Science & Humanities	Member	
15.	Dr. Pabitra Kumar Dey, HoD (MCA)	Member	
16.	Dr. G.S. Mitra Thakur, AIML & Information Technology	Member	
17.	Dr. Anirban Bose, Computer Science & Engineering	Member	
18.	Prof. Arijit Kumar Banerjee, Civil Engineering	Member	
19.	Prof. Anandaprova Majumdar, Computer Science and Engineering	Member	
20.	Dr. Tribeni Prasad Banerjee, Asstt. Professor, ECE	Member	
21.	Prof. Mou Das Mahapatra, Asstt. Professor, EE, BCREC & Member Alumni Association	Member	
22.	Mr. Abhijit Shyam, Entrepreneur, President, Alumni Association, BCREC	Member	
23.	Shri Sanjay Jha, HR Manager, Neo Metaliks	Member	
24.	Shri Sujit Kumar Pal, Personnel Manager, GE India Power	Member	
25.	Dr. Chandan Kumar Ghosh, Head (R&D)	Invitee	





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Dr. B. C. Roy
Engineering
College (BCREC)

Internal Quality Assurance Cell (IQAC)

Agenda of the Ninth IQAC meeting (IQAC_9) to be held on 28th June, 2022

1. Confirmation of Minutes of previous meeting (8th Meeting of IQAC)
2. Discussion on 2nd cycle of AQAR submission status –
 - Information on progress of preparation of data/documents for submission of AQAR (Academic year 2021- 22)
 - Institutional Preparedness for National Education Policy (NEP) 2020
 - Academic-Audit by IQAC Team for all UG & PG departments for academic year 2021-22 commencing from August/September, 2022
3. Discussion on the progress of NBA Accreditation/Re-accreditation status – IT, ME, EE and ECE & CSE
4. Progress on AICTE-IDEA Lab activities
5. Outreach activities of the Institute through social initiatives to be conducted by NSS Cell and others
6. Discussion on Commemorative Days Celebration
7. Energy and Environmental Audit by External Agency and implementation of suggestions as per Last Audit Report
8. Suggestions of IQAC for improving teaching-learning process
 - Allocation of Project work to the B.Tech pre-final year students for all departments
 - Career Guidance – Establishment of In-house Training Cell

Sanjay Sengupta

Prof. (Dr.) Sanjay Sengupta
Coordinator, IQAC Cell





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Minutes of the proceedings of the Ninth Meeting of Internal Quality Assurance Cell (IQAC) of Dr. B. C. Roy Engineering College, Durgapur

The 9th IQAC Meeting was conducted on 28th June, 2022 at 3.00 pm in the IQAC Room. Prof. (Dr.) Sanjay S. Pawar, Chairperson of IQAC chaired the meeting.

Item	Agenda	Minutes of the proceedings
9/1	Confirmation of minutes of previous meeting	Minutes of the 9 th meeting of IQAC was unanimously accepted and confirmed.
9/2	Discussion on 2 nd cycle of AQAR submission status – ➤ Information on progress of preparation of data/documents for submission of AQAR (Academic year 2021- 22) ➤ Institutional Preparedness for National Education Policy (NEP) 2020 ➤ Academic-Audit by IQAC Team for all UG & PG departments for academic year 2021-22 commencing from August/ September, 2022	<p>IQAC Coordinator, Dr. Sanjay Sengupta informed that a focused approach is required to be adopted in completing the documentation for submission of AQAR for the academic year 2021-22. All the departments will have to ensure in maintaining standards. IQAC Coordinator further insisted that if all the departments cooperate in providing complete data/information timely, AQAR submission will be done smoothly.</p> <p>IQAC Coordinator informed that one of the most important criterions of AQAR submission for Cycle 2 is to elaborate the preparedness of the Institute on following aspects which has been given thrust in NEP 2020.</p> <p>1. Multidisciplinary/interdisciplinary 2. Academic bank of credits (ABC) 3. Skill development 4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course) 5. Focus on Outcome based education (OBE) 6. Distance education/online education.</p> <p>IQAC Coordinator further informed that he has prepared a Form of Academic-Audit which will be shared among the departments based on which first round of audit can be conducted during July/August, 2022 provided departments keep all documents ready. Non-conformities pointed out by the Audit Team can be rectified by the department and finally in September/October, the Audit Report can be signed by the Internal Team Members as well as the External Experts.</p>
9/3	Discussion on the progress of NBA Accreditation/Re-accreditation status – IT, ME, EE and ECE &	IQAC Chairman applauded three departments, EE, IT & ME for their hard work seeking the assistance from IQAC team in securing NBA accreditations with effect

Sanjay Sengupta



Principal

Dr. B. C. Roy Engineering College
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	CSE	from 2022 to 2025. HoDs of ECE and CSE informed. that the departments are studying the reports of EE, ME & IT programs and trying to find out the gaps in all criteria in order to achieve better score. IQAC Chairman advised that departments should work hard so that they should not lose any mark which is otherwise achievable.
9/4	Progress on AICTE-IDEA Lab activities	Out of sanctioned amount of Rs 78.99 lakhs, Rs 31,67,566 lakhs has already been spent. Training of faculty members and technical assistants of all departments were conducted through 5-days FDP by the existing technical gurus (who have already attended the advanced FDP conducted by the AICTE). Lab has 3D printer, CNC Router, LASER Cutter, 3D Scanning, and Wood Cutter etc. facilities for which training is being given to the students in batches. Training to external students from neighbouring Schools and Colleges in batches has started; in the first phase students from B C Roy Polytechnic college will be trained.
9/5	Outreach activities of the Institute through social initiatives to be conducted by NSS Cell and others	IQAC Coordinator pointed out that the Institute has to expand its social initiatives. Blood Donation, Medical Check-up camp in nearby villages, adoption, Swatchha Bharat Day, etc. which will help to score. NSS Unit of the Institute should take a prominent role in this regard.
9/6	Discussion on Commemorative Days Celebration	IQAC Coordinator further pointed out that the Institute is celebrating few Commemorative Days like Independence Day and Republic Day; however, Constitution Day, Birthday of Father of the Nation, Swami Vivekananda's Birthday, Engineers Day, Teachers Day, etc. should also be celebrated. It will improve the NAAC score too.
9/7	Energy and Environmental Audit by External Agency and implementation of suggestions as per Last Audit Report	
9/8	Suggestions of IQAC for improving Teaching-Learning process	It was discussed that Learning Management System (LMS) Module in the form of Google Class Room Teaching should be introduced at the earliest. The departments should give emphasis on improving teaching-learning process which should be conducted in

Sanjay Seigupta



[Signature]

Principal
Dr. B. C. Roy Engineering College
DURGAPUR



Dr. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

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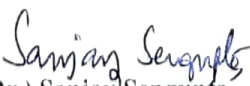
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	hybrid mode to get the optimum result.
➤ Allocation of Project work to the B.Tech pre-final year students for all departments	IQAC Chairman suggested that project should be allotted to the pre-final year students so that students will get sufficient time to gain knowledge about the topic and with enhanced knowledge, good project proposals could be prepared by them in the final year which will be published as a Conference or Journal paper.
➤ Career Guidance – Establishment of In-house Training Cell	IQAC Chairman informed that the Institute has taken initiative to start an In-house Training Cell with two components – providing technical training as well as soft skill training starting from the 1 st year. Two MOUs –one with CSIR-CMERI has created an excellent opportunity for utilization of their laboratories and Training to the students and another with Capgemini for training to the students and skill development like Hackathon for corporate experience and pre-joining training before they start their new journey in Corporate World. The MoU will further enhance the pool of talent transformation in the field of emerging technologies like Cloud Infrastructure services .

The meeting thereafter ended with a vote of thanks to the Chair.


Prof. (Dr.) Sanjay Sengupta
Coordinator, IQAC Cell


Prof. (Dr.) Sanjay S. Pawar
Chairperson, IQAC Cell

Principal
Dr. B. C. Roy Engineering College
DURGAPUR





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DR. B.C.ROY ENGINEERING COLLEGE, DURGAPUR

ATTENDANCE OF 9TH INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING HELD ON 28TH June, 2022

Sl. No.	Name	Designation in IQAC	Signature
1.	Shri Tarun Bhattacharya, General Secretary, BCREC Society	Management	
2.	Prof. (Dr.) Sanjay S. Pawar, Principal	Chairperson	
3.	Prof. (Dr.) K. M. Hossain, Vice-Principal	Co-Chairperson	
4.	Prof. (Dr.) Sanjay Sengupta, HoD, Civil Engineering	Coordinator	
5.	Smt. Ruma Mitra, Registrar	Member	
6.	Dr. Aloke Kahali, Head (Administration)	Member	
7.	Comdr. (Retd.) Ratnakar Ghosh, Campus Administrator	Member	
8.	Shri Rajesh Chatterjee, Sr. Manager (Admn.)	Member	
9.	Shri Ravi Sharma, Sr. Manager (Finance)	Member	
10.	Prof. (Dr.) Narendra Nath Pathak, Dean (SW & A) & HOD (ECE)	Member	
11.	Prof. (Dr.) Chandan Chatteraj, HOD (ME)	Member	
12.	Prof. (Dr.) Chandan Koner, HoD (CSE)	Member	
13.	Prof. (Dr.) Suman Bhattacharjee, HoD (IT)	Member	
14.	Prof. (Dr.) Pabitra Kumar Dey, HoD (MCA)	Member	
15.	Prof. (Dr.) Jayanta Pal, Associate Prof., Basic Science & Humanities	Member	
16.	Prof. (Dr.) G. S. Mitra Thakur, Associate Prof., AIML	Member	
17.	Dr. Somroop Siddhanta, HOD (MBA)	Member	
18.	Prof. (Dr.) Anirban Bose, Asstt. Professor, Computer Science and Design	Member	
19.	Prof. Arijit Kumar Banerji, Asstt. Professor, Civil Engineering	Member	
20.	Prof. Anandaproya Majumder, Asstt. Professor Computer Science & Engineering	Member	
21.	Prof. (Dr.) Trihebi Prasad Banerjee, Asstt. Professor, ECE	Member	
22.	Prof. (Dr.) Ritu Rani De, Asstt. Professor, EE	Member	
23.	Prof. Mou Das Mahapatra, Asstt. Professor, EE, BCREC & Member of Alumni Association	Member	
24.	Mr. Abhijit Shyam, Entrepreneur, President, Alumni Association, BCREC	Member	
25.	Shri Sanjay Saha, IIR Manager, Neo Me	Member	
26.	Shri Sujit Kumar Pal, Personnel Manager, Power	Member	

