

INDUCTION PROGRAM REPORT

2023-2024

Theme of the event: Dr B C Roy- A visionary of India



DR. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

Ref: BCREC-BCR/PR/2023

DATE: 10-08-2023

OFFICE ORDER

Subject: Induction Programme 2023 on August 17th – 20th September, 2023.

It has been resolute that the **Induction Programme 2023** for new comers will be held this year from **August 17th – 20th September, 2023**. To systematize the programme in a befitting way, a Core Committee with the following terms has been finalized as under:

Working Committee:

Shri. Tarun Bhattacharyya (General Secretary, BCREC group of Institutions)
Prof. (Dr.) Sanjay S. Pawar, Principal, BCREC
Prof. (Dr.) Khondekar Mofazzal Hossain, Vice Principal, BCREC
Prof. (Dr.) Arindam Mondal, Registrar, BCREC
Prof. (Dr.) Alope Kahali, Head (Admn.), BCREC
Prof. (Dr.) Rajdeep Ray, Dean(SW), BCREC
Shri. Amitava Chakravarty, Chief (Corporate Affairs), BCREC group of Institutions

Convener: Prof. Biswajit Mondal, BCREC
Joint Convener: Prof. (Dr.) Shashi Bajaj Mukherjee, BCREC
Treasurer: Prof. Soumyadeep Das, BCREC

Core Committee:

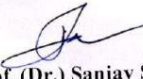
Prof. (Dr.) Rajdeep Ray, Dean(SW), BCREC
Prof. Priyanka Roy, AP/IT
Prof. (Dr.) Taniya Chakraborty, AP/BSH
Prof. Joyjit Patra, AP/CSE
Shri. Amitava Ghosh, Manager, PR
Shri. Ravi Sharma, Sr. Manager (Finance), BCREC group of Institutions
Shri. Rajesh Chatterjee, Sr. Manager (Admn.), BCREC group of Institutions
Shri. Shouvik Kr. Chandra, Sr. Manager (Public Relation), BCREC group of Institutions
Shri. Upendra Kumar Sharma, Sr. Manager, (Corporate Affairs & Estate), BCREC group of Institutions

Committee Members: -

Prof. Anandapova Mazumdar, AP/CSE	-	Member
Prof. Soumen Biswas, AP/EE	-	Member
Prof. (Dr.) Sukalpa Dey, AP/BSH	-	Member
Prof. (Dr.) Sourav Paul, AP/EE	-	Member
Prof. (Dr.) Sneha Sultana, AP/EE	-	Member
Prof. Monalisa Chakraborty, AP/CSE	-	Member
Prof. Banashree Chatterjee, AP/IT	-	Member
Prof. Sukarna Dey Mondal, AP/BSH	-	Member
Prof. Jaya Mukherjee, AP/BSH	-	Member
Prof. Rajib Mondal, AP/CSE	-	Member
Prof. Swadhin Kumar Mondal, AP, CSE	-	Member
Prof. Siddhartha Ghosh, AP, EE	-	Member
Prof. Sunil Kumar Chowdhury, AP, EE	-	Member



The above committee member may include any other faculty, staff and student accordingly to organize the programme successfully.


Principal
BCREC, Durgapur

Principal
Dr. B. C. Roy Engineering College
DURGAPUR



Dr. B.C Roy Engineering College, Durgapur

Date: 11-Aug-2023

To: General Secretary ,BCREC Society

From: Convenor, Induction Program

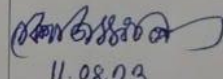
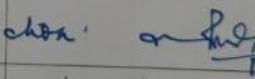
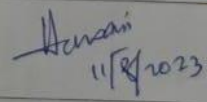
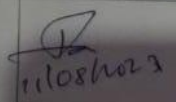
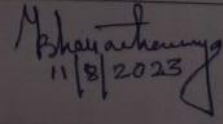
Sub: Request for Budget Approval for Induction Program 2023.

Dear Sir,

This is to inform you that the **Induction Program 2023** is going to be held from **17th August 2023 to 20th September 2023**. A committee has been formed for the same, which will look after the activities & events for that program. For conducting the program successfully, an amount of **Rs. 66000/- (Sixty-Six Thousand Only)** in the following heads;

Sl No.	Budget Head	Tentative Amount (Rupees)
1	Banner	3000
2	Honorarium & Gifts for the Guests	26000
3	Refreshments for the Guests	7000
4	Decoration	15000
5	Reward and Appreciation	10000
6	Miscellaneous	5000
		Total – Rs. 66000 (Only)

Therefore, it is requested to kindly sanction the amount of Rs. 66000/- (Sixty-Six Thousand Only).

Forwarding office	Remarks	Comments by other offices required for clarifications/comment	Signature with Date
Convenor, Induction Program 2023	Need the amount to conduct the program.		 11.08.23
Registrar	Guests list along with designation. Forwarded for your consideration.	may please be	 11/8/23
Vice Principal	Submitted for kind Approval	Approval	 11/8/2023
Principal	Recommended for Induction Programme		 11/08/2023
General Secretary	Approved		 11/8/2023

DR. B. C. ROY ENGINEERING COLLEGE, DURGAPUR
ROUTINE FOR B-TECH FIRST SEMESTER INDUCTION PROGRAM, 2023-2024 (ODD)

DAY	Time 10:30a.m. – 1p.m.	2.15p.m.- 4.30p.m.
17.8.23	1. Welcome Address: Dr. Sanjay S. Pawar 2. Deliberation by Dr. Saikat Maitra (Different dimensions and scope of higher education after B.Tech.) 3. Vote of Thanks by Mr. Amitava Chakraborty, Chief(Corporate Affairs)	1. Importance of Coding in Engineering: Prof. Subrabrata Choudhury(NIT, Durgapur) (Time 2:30-3:30) 2. Ethics: Mr. Arup Roy Choudhury, CGM(VIGILANCE), SAIL (Time 3:30-4:30)
18.8.23	Dr. D. Dutta (Senior Scientist BARC) (Time 11:00-01:00)	1. Yoga: Mr. Tarun Mukherjee 2. English Test (Time 2:30-3:30) at VB building Class Room 3. Maths Test (Time 3:30-4:30) at VB building Class Room
21.8.23	1. AICTE IDEA Lab: Dr. Mrinmoy Chakraborty (Time 10:30-11:15) 2. Digital Revolution: Dr. Anshuman Sett, CEO-NIHT(Time 11:15-01:00)	UHV: Dr. Gour Sundar Mitra Thakur (Time 2:15-3:15)
22.8.23	1. Registrar Section: Dr. Arindam Mondal (Time 11:00-11:15) 2. EXAM CELL: Prof. Subhashish Pal - I/C (Time 11:15-12:00) 3. MAR: Dr. Tapas Mondal (Time 12:00-12:30) 4. MOOCS: Dr. Tribeni Prasad Banerjee (Time 12:30-01:00)	Art of Living: Live and let live - let's unite the world through drama by Mr. Sumit Bandyopadhyay (UDAN, Asansol) (Time 2:30-4:30)
23.8.23	1. English: (Face your Fear of speaking English) Prof. Sri Krishan Rai (NIT Durgapur) (Time 11:00-12:45) 2. English Test (Time 12:45-01:00)	1. Mathematics: Mother Tongue of Engineering(Dr. S. B. Mukherjee) (Time 2:30-3:30) 2. Maths Test (Time 3:30-4:30)
24.8.23	1. EDC: Prof. Krishna Roy (Time 10:30-10:50) 2. NCC: Prof. Sarabjit Lahiri (Time 10:50-11:20) 3. NSS: Prof. Sohini Ghosh (Time 11:20-11:40) 4. CHAPTERS & CLUB(All 9 Chapters)' (Time 11:40-01:00)	1. Dr. Debasis Bandyopadhyay VC KNU (Time 2:15-3:00) 2. Music club: Dr. Rajdeep Roy (Time 3:00-4:30)
25.8.23	1. Mr. Rohan Chhetri(IT 2010) (Time 11:00-12:00) 2. Mr. Ranadip Paul (ME08) (Time 12:00-01:00)	1. Mr. Suman Chatterjee - ECE 2007 (Time 2:30-3:30) 2. TPO: Mr. Atanu Maity & Prof. Prabal Sahu (Time 3:30-4:30)
13.9.23		Students activity
20.9.23		Football Match, Grand celebration

Theme of the event: Dr B C Roy- A visionary of India.

N.B. 1 - All Faculties who are taking class in 1st Semester will report Dr. Shashi Bajaj Mukherjee (9433315145) at their scheduled class time in Central Routine for the period 17.08.23 - 25.08.23

N.B. 2 - New addition in Induction Committee - 1 Mr. Deepraj Mondal (TPO), 2. Prof. Arka Banerjee, AP, CE

* 1. IEEE student branch, Dr. Rajib Banerjee, 2. IETE, Student chapter, Dr. Debipriya Dutta, 3. ACM club, Dr. Chandan Bandyopadhyay, 4. IE(I) chapter, Bappaditya Das, 5. CSI, Keramat Hossain, 6. ISET chapter, Soumyadip Das, 7. DCodeit club, Dr. Dinesh Pradhan, 8. Robotics and drone club, Subhajit Bhattacharya, 9. Google developer's student club, Atin Mukherjee


Principal
Dr. B. C. Roy Engineering College
DURGAPUR



DAY 1:

INAUGURATION:

"Bright Beginnings: B.Tech First Semester Induction Program"

In a hall pulsating with the energy of new beginnings, the inaugural ceremony of the B.Tech First Semester Induction Program unfolded with the traditional lighting of the lamp. The venue, adorned with the promise of knowledge and discovery, welcomed eager freshmen and esteemed dignitaries to embark on a transformative academic journey.

The lamp, a beacon of enlightenment, mirrored the collective spirit of the incoming class. Its flickering flame not only marked the commencement of the induction program but also embodied the shared commitment to learning, innovation, and the exciting challenges awaiting these budding engineers.



Brief yet impactful, the ceremony set the stage for a dynamic academic adventure, leaving attendees inspired by the warmth of the lit lamp and motivated to embrace the wealth of knowledge that awaited them in their first semester of B.Tech studies.

Date: 17th August 2023

Venue: DM hall

SESSION 1:

Speaker 1: Dr. Sanjay S. Pawar, Principal BCREC-

The Welcome Address for the B.Tech First Year Students, delivered by the Principal, **Dr. Sanjay S. Pawar** was a momentous occasion that set the tone for a transformative journey. The event aimed not only to introduce the newcomers to the academic community but also to install a sense of belonging and preparedness for the four-year course.



The Principal's speech transcended traditional formalities, embracing a tone of warmth and inclusivity. He/she skilfully articulated a vision that extended beyond academic protocols, emphasizing the holistic development of the students during their time at the institution.

The Principal stressed the importance of the students not merely as academic participants but as unique individuals contributing to the fabric of the institution. This approach was designed to foster a sense of belonging from the very beginning, making the students feel integral to the academic community.

The Principal consciously moved away from the typical formalities associated with such events. Instead, the emphasis was on creating an environment where students felt comfortable expressing themselves and engaging with faculty and peers on a more personal level.

A significant portion of the address was dedicated to preparing the students for the four-year journey ahead. The Principal highlighted the challenges and triumphs that awaited them, encouraging a mindset of resilience, curiosity, and an eagerness to learn.

Beyond academic achievements, the Principal underscored the importance of personal growth and character development. The institution, he/she emphasized, was not just

a place of learning but a community committed to shaping well-rounded individuals ready to make a positive impact on society.

The Welcome Address left a profound impact on both students and attendees. Feedback from the students indicated a heightened sense of enthusiasm and motivation. Many expressed gratitude for the Principal's emphasis on the personal aspect of their journey, making them feel seen and valued.

The Principal's approach set a positive and encouraging tone for the academic year, creating a foundation for a supportive and enriching learning environment.

Speaker 2: Dr. Saikat Maitra, Ex VC MAKAUT and Advisor BCREC:-

Dr. Saikat Maitra delivered an insightful deliberation on the various dimensions and scope of higher education after B.Tech. Dr. Maitra addressed common challenges like Fear of Missing Out (FOMO) and emphasized the importance of minimizing distractions. He discussed the value addition in work and introduced the concept of design thinking. Dr. Maitra highlighted the necessity of developing skills in tandem with the regular course, fostering a holistic approach to education. The speech concluded with a powerful reminder to maintain a positive attitude and embody a resilient "Don't Give Up" mentality, leaving a lasting impact on the students. The discourse aimed at inspiring students to develop a holistic approach to their thinking, acting, and approach to their field of study and practices during their B.Tech courses.



Dr. Maitra emphasized the importance of broadening perspectives, urging students to explore different dimensions of their field and understand the vast scope that higher education offers post-B.Tech.

The deliberation provided a stimulating discourse, encouraging students to engage in critical thinking and question the norms, fostering an environment of intellectual curiosity.

Dr. Maitra advocated for holistic development, emphasizing that education is not just about acquiring knowledge but also about developing a well-rounded skill set and a broader worldview.

Students were encouraged to actively participate in various activities and gain hands-on experience in their fields of study. Dr. Maitra highlighted the significance of practical exposure in shaping a comprehensive understanding.

The discourse aimed at instilling the idea that learning doesn't end with B.Tech. Dr. Maitra motivated students to view higher education as a continual process, expanding their knowledge and skills for ongoing success.

Dr. Maitra specifically encouraged students to consider pursuing higher education after B.Tech, showcasing the myriad opportunities for specialization and advanced study in their respective fields.

Guest Speaker - Mr. Amitava Chakroborty, Chief (Corporate Affairs), BCREC:

Prestigious Presence: The presence of Mr. Amitava Chakroborty, Chief (Corporate Affairs), added a touch of prestige to the event.

Appreciation and Acknowledgment: Mr. Chakroborty extended his appreciation and acknowledgment to the assembled students, recognizing the significance of their educational journey and future contributions.



Conclusion:

Dr. Saikat Maitra's deliberation, enriched with insights on higher education, left students inspired and encouraged to think beyond the confines of their B.Tech courses. The presence of Mr. Amitava Chakroborty added a sense of honor to the occasion, reinforcing the importance of the students' academic pursuits and future endeavors. The event successfully sparked a motivation for continuous learning and growth among the student community.



SESSION 2:

Speaker 1: Prof. Subrabrata Chowdhury, Professor NIT Durgapur-

Professor Subrabrata Choudhury, an esteemed faculty member from NIT Durgapur, conducted an enlightening session to impart the critical significance of coding in the realm of engineering. Commencing with an exploration of cutting-edge innovations such as 'industry 4.0,' he illuminated the transformative impact of artificial intelligence and 3D printing on the manufacturing landscape, both in India and globally.

Professor Choudhury seamlessly transitioned into the crux of his discourse, accentuating the reflexive nature coding should assume in the toolkit of every engineer. His assertion that "coding for engineers should be a reflex action" underscored the integral role coding plays in fostering innovation in our modern world.



The lecture delved into thought-provoking questions regarding the implications of artificial intelligence on contemporary society. Professor Choudhury initiated a comprehensive discussion on existential questions, including "why we exist?" and "is technology becoming too intrusive?" This exploration added depth to the understanding of the broader societal impacts of technological advancements.

The interactive nature of the session allowed students to actively participate, and I personally found the discourse engaging and thought-stimulating. During the Q&A segment, I had the opportunity to inquire about the potential dangers of artificial intelligence. Professor Choudhury offered valuable insights, emphasizing the need for regulating AI and setting limits to its capabilities. He also stressed the importance of cross-checking information generated by AI from secondary sources to ensure accuracy and reliability.

In essence, Professor Choudhury's lecture not only cast a spotlight on the paramount importance of coding in engineering but also opened doors to a visionary realm where code serves as the catalyst for innovation. The session served as a bridge between theoretical knowledge and practical implications, leaving students inspired to navigate the ever-evolving landscape of engineering with coding prowess.

Speaker 2: Shri Arup Roy Chowdhury, CGM (VIGILANCE), SAIL -

Shri Arup Roy Choudhury's impactful speech on ethics underscored the vital role ethical principles play in both academic and professional spheres. The address proved to be a pivotal moment for the audience, shedding light on the importance of maintaining ethical standards in college and the intricacies of professional ethics in a work environment.



Commencing with a fundamental definition, Shri Choudhury elucidated that ethics involves rational reflections on what is right or wrong, just or unjust. He delved into the etymology of the term, tracing its roots to the Greek word "ethos," signifying habit. The speaker expounded on professional ethics, emphasizing core pillars such as code of conduct, fairness, transparency, and integrity. He aptly stated, "There is no right way to do a wrong thing," emphasizing the need for ethical practice from the very beginning of one's career.

Real-world examples, such as the "Dieselgate scandal," were discussed to highlight the severe repercussions faced by industries due to ethical lapses. The heavy negative impact on the company's image and the substantial fines incurred served as cautionary tales.

Shri Choudhury's forward-looking approach extended to the future aspects of engineering, exploring advancements in composite material engineering, fractal learning, and automatic cooling. This broadened the audience's perspective on the evolving landscape of their field.

The speech proved not only motivational but also inspirational. Shri Choudhury's erudition was evident during the interactive question-and-answer session, where students had the opportunity to seek clarification and gain deeper insights into ethical considerations.

In his capacity as CGM (VIGILANCE) at SAIL, Shri Arup Roy Choudhury contributed richly to discussions on ethics, providing a nuanced understanding of the ethical considerations that define professional landscapes. The talk left an indelible mark on the audience, instilling a sense of responsibility, ethical awareness, and enthusiasm for upholding ethical standards in their academic and professional journeys.

DAY 2:

Date: 18th August 2023

Venue: DM hall

Speaker: Dr. Debabrata Datta, Senior Scientist at BARC

Dr. Debabrata Datta, a distinguished Senior Scientist from BARC, graced the second day of our induction program, sharing invaluable knowledge and experiences. His session, rooted in diversified and extensive expertise, covered various aspects, leaving a profound impact on the attendees.



Dr. Datta commenced by instilling a research-based mindset, elucidating the significance of activities like paper publication and research-oriented projects during the four-year B.Tech course. He offered insights into choosing research topics, stressing the importance of visualizing and analyzing future trends for impactful research in the next two decades.

The session delved into Dr. Datta's personal experiences, showcasing his problem-solving approach during a visit to a German glass plant. His interdisciplinary thinking, bridging physics and engineering, resolved a design flaw affecting the glass production process, highlighting the importance of lateral thinking in problem-solving.

He shared a unique aspect of his PhD journey, where he obtained his degree without paper publications, emphasizing the transformative impact of developing three groundbreaking AI software for BARC. These software, focused on nuclear reactor operations, marked the first instance of Indian-developed software being exported to a foreign country, showcasing India's technological prowess.

Dr. Datta provided a comprehensive overview of the nuclear power scenario in India, detailing the nuclear fuel cycle from mining to power generation. He discussed future aspects of engineering, including composite materials, fractal learning, and automatic cooling, inspiring students to explore the forefront of technological advancements.

His session extended into a captivating exploration of scientific phenomena, connecting theoretical knowledge with practical manifestations. Dr. Datta covered topics such as radioactivity, nuclear fission, various applications of atomic energy, and types of fission reactors, enlightening students about the intricate workings of the nuclear power sector in India.

During the question session, Dr. Datta clarified queries, enkindling intellectual curiosity and fostering a deeper understanding of the subjects discussed. The session was not only motivating but also inspirational, providing a glimpse into the intersection of theoretical knowledge and its practical applications in the scientific realm.

In conclusion, Dr. Debabrata Datta's session served as a beacon of knowledge, bridging the gap between theoretical understanding and practical implementation, and inspiring students to explore the vast and evolving landscape of scientific advancements.

DAY 3:

Date: 21st August 2023

Venue: DM Hall

SESSION 1:

Speaker: Dr. Mrinmoy Chakrabort, Co- Ordinator, AICTE IDEA Lab

Dr. Mrinmoy Chakraborty, a visionary with an unmistakable aura of innovation, took students on an enlightening journey through the intricate realm of AICTE IDEA Lab. This lab, described as a crucible of creativity, serves as a nurturing ground where ideas are transformed into tangible reality.



In his introduction to AICTE IDEA Lab, Dr. Chakraborty showcased cutting-edge technologies, including a laser cutter, 3D printer, CNC router, and a 3D scanner. These tools, he emphasized, are the building blocks of innovation, providing students with hands-on experiences that transcend traditional classroom learning.

Dr. Chakraborty highlighted the dynamic nature of AICTE IDEA Lab, illustrating its role as a hub for creativity. The lab, equipped with state-of-the-art machinery, serves as a playground for ideation and experimentation. Through the showcased technologies, students were given a glimpse into the myriad possibilities that the lab offers for turning concepts into prototypes.

The speaker shed light on the various events organized within AICTE IDEA Lab, emphasizing the lab's role in fostering a culture of innovation and collaboration. These events serve as platforms for students to showcase their ingenuity, engage in interdisciplinary collaborations, and gain exposure to real-world problem-solving.

Dr. Chakraborty's presentation not only unveiled the physical infrastructure of AICTE IDEA Lab but also conveyed the ethos of innovation that permeates the space. The interactive session allowed students to pose questions, fostering a deeper understanding of the lab's potential in cultivating a spirit of entrepreneurship and invention.

In conclusion, Dr. Mrinmoy Chakraborty's presentation on AICTE IDEA Lab left an indelible impression on the audience. The lab stands as a testament to the institution's commitment to providing students with an environment where their creative ideas can flourish into impactful innovations. The session served as an inspiration for students to explore the limitless possibilities within the realm of AICTE IDEA Lab and harness the power of technology for transformative projects.

Speaker: Mr. Anshuman Sett, CEO of NIHT

Mr. Anshuman Sett, a highly successful entrepreneur and the CEO of NIHT, shared invaluable insights during his session, focusing on the digital revolution and the pivotal role of digital marketing in shaping the future of businesses.



Mr. Sett began by emphasizing the significance of the digital era, elucidating how digital marketing is becoming the linchpin for companies of all sizes. He delved into why organizations are increasingly investing in digital marketing and how it has become a cornerstone for brand recognition and growth.

Drawing from his personal journey, Mr. Sett narrated his transition from a traditional advertising agency background to successfully steering his company into the realm of online digital marketing. His motivational story underscored the importance of adapting to the changing landscape and staying ahead of the curve.

A key theme of Mr. Sett's discussion was the need to venture into unexplored territories, encapsulated by his motto of getting into what nobody was talking about. He shared insights on crafting effective digital strategies, including the fundamental concepts of advertisements that influence how people perceive products.

The session also focused on the vital aspect of creating a compelling online brand image. Mr. Sett highlighted the impact this has on consumer perception and explained how companies can use digital platforms to shape their brand narratives effectively.

An intriguing segment of the discussion revolved around the integration of Artificial Intelligence (AI) in advertising. Mr. Sett elaborated on the role of AI in enhancing the advertising process, making it more efficient and personalized for the target audience. Practical examples were provided to illustrate marketing strategies employed by industry giants like Apple and Google. Mr. Sett analyzed how these companies achieved worldwide recognition and cultivated vast, loyal user bases through innovative and impactful digital marketing campaigns.

In conclusion, Mr. Anshuman Sett's session painted a vivid panorama of the ongoing Digital Revolution, showcasing its transformative impact on industries and societies. His insights into the realm of digital marketing served as a guiding light for aspiring

marketers, inspiring them to embrace the dynamic landscape and leverage digital strategies for success.

SESSION 2:

Speaker: Dr. Gour Sundar Mitra Thakur, Professor BCREC

Dr. Gour Sundar Mitra Thakur delivered an insightful speech on Universal Health Values (UHV), emphasizing their crucial role in the day-to-day lives of individuals. He highlighted the importance of education in instilling these values and provided guidelines for values education.



In his discourse, Dr. Thakur stressed the significance of basic human values, which are fundamental to human nature and transcend cultural, religious, and geographical boundaries. These values, including compassion, respect, integrity, justice, tolerance, and responsibility, serve as timeless moral principles applicable universally.

The speaker underscored the role of Universal Human Values in promoting peace, social cohesion, human rights, personal well-being, sustainability, and global cooperation. Despite challenges, education and awareness were identified as powerful tools to promote these values and serve as a moral compass for a harmonious world.

Dr. Thakur highlighted that happiness and prosperity naturally follow when there is enough physical facility, fulfilling the basic requirements for human aspirations. Understanding relationships and the importance of physical well-being are integral aspects of Universal Health Values.

The speech concluded with the assertion that practicing these universal human values leads to personal fulfilment and well-being. Individuals who incorporate these values into their lives often experience greater happiness and satisfaction. Dr. Thakur

emphasized that these values represent the moral compass of humanity, guiding interactions and inspiring individuals to contribute to a world characterized by peace, justice, and equality.

In summary, Dr. Gour Sundar Mitra Thakur's speech provided a comprehensive overview of Universal Health Values, showcasing their timeless significance and the transformative impact they can have on individuals and society at large. Embracing and promoting these values, he concluded, is not only a moral imperative but also a pathway to a brighter and more harmonious future for humanity.

DAY 4:

Date: 22nd August 2023

Venue: DM Hall

SESSION 1:

Speaker: Dr. Arindam Mondal, Registrar, BCREC

Dr. Arindam Mondal, with eloquence, shed light on the inner workings of our college's Registrar Section, offering a behind-the-scenes perspective into the administrative engine driving the institution. His briefing unveiled the essential role played by the registrar in orchestrating academic functions and student records.



Dr. Mondal meticulously detailed the faculty members associated with this pivotal

section, underscoring their key responsibilities. Contact information, including office hours and email addresses, was thoughtfully provided, enabling seamless communication with these faculty members when needed. The presentation was not merely informative but also aimed at fostering a deeper understanding of the administrative processes that propel our institution forward. Dr. Mondal's articulate delivery left the audience with a clearer grasp of the registrar section's significance and how to navigate it effectively for academic inquiries and support.

Speaker: Prof. Subhashish Pal, Exam cell in-charge, BCREC

Prof. Subhashish Pal, as the head of the Exam Cell, played a pivotal role in clarifying the intricacies of examination-related procedures, dispelling apprehensions and fostering a clear understanding among students. His expertise and guidance were instrumental in demystifying the often-complex processes associated with examinations. Prof. Pal's leadership at the helm of the Exam Cell ensured a transparent and comprehensible approach to various examination-related nuances. Through a detailed and informative session, he addressed concerns and uncertainties, creating an atmosphere of confidence among students.



Prof. Subhashish Pal's efforts contributed significantly to a more informed and reassured student body regarding examination procedures. His commitment to clarity and transparency in the examination process reflects positively on the academic environment of our institution. He told us about the website of makautexam.net from where we can access all University exam related information and view the latest notices issued by university regarding exams.

Speaker: Dr. Tapas Mondal, MAR Co-ordinate, BCREC

Dr. Tapas Mondal provided insightful information on Mandatory Additional Requirements (MAR) during a recent session. He emphasized the critical role of accumulating 100 MAR points each year for B.Tech students under AICTE to qualify for their degree. Dr. Mondal presented a comprehensive list of various activities that students can participate in to earn MAR points.



The session highlighted the importance of engaging in diverse activities beyond the academic curriculum to meet the MAR requirements. Dr. Mondal elucidated how different activities contribute varying MAR points, offering students a clear understanding of the potential avenues for participation. His presentation underscored the significance of holistic development and extracurricular involvement in the academic journey. Overall, Dr. Tapas Mondal's guidance provided valuable insights into the MAR system, ensuring that students are well-informed about the requirements for their degree completion.

Speaker: Dr. Tribeni Prasad Banerjee, MOOCs Co-ordinate, BCREC

Dr. Tribeni Prasad Banerjee, in an enlightening discourse, delved into the significance of Massive Open Online Courses (MOOCs) in contemporary education, revealing a transformative world of knowledge accessible at our fingertips. His insightful presentation underscored the growing prominence of MOOCs as a revolutionary educational tool. Dr. Banerjee emphasized how MOOCs democratize education, providing learners with unprecedented access to a diverse range of courses and subjects. Through vivid examples, he illustrated the potential impact of MOOCs in bridging educational gaps and fostering lifelong learning.



The discourse highlighted the flexibility and convenience that MOOCs offer, enabling learners to acquire new skills and knowledge at their own pace. Dr. Banerjee's engaging talk not only demystified the MOOC landscape but also inspired a broader understanding of the opportunities presented by online learning platforms. Overall, the session left the audience with a profound appreciation for the transformative power of MOOCs in shaping the future of education.

SESSION 2:

Speaker: Mr. Sumit Bandopadhyay, Director, Asansol Udan

Mr. Sumit Bandopadhyay led an engaging and enlightening session centered around the "Art of Living. Live and Let Live - Let's Unite the World." Focusing on contemporary societal values, he delved into pertinent themes such as equality and the intrinsic human principles essential for fostering a harmonious society and a peaceful world. Mr. Bandopadhyay skillfully navigated through these concepts, emphasizing their relevance in our modern era.



The session was not only informative but also interactive, as Mr. Bandopadhyay incorporated fun and engaging games that involved student volunteers. Through these activities, he imparted fundamental lessons on navigating life within a society and being an integral part of a larger community. The interactive nature of the session created a dynamic learning environment, allowing participants to absorb key principles in an engaging manner.

Throughout the session, Mr. Bandopadhyay shared valuable life lessons, making the content relatable and applicable to the everyday experiences of the audience. His adept use of interactive methods ensured that the audience remained actively involved, fostering a deeper understanding of the importance of human principles in building a beautiful and cohesive society. Overall, Mr. Sumit Bandopadhyay's session proved to be a valuable and insightful experience, leaving a lasting impact on all participants.

DAY 5:

Date: 23rd August 2023

Venue: DM Hall

SESSION 1:

Speaker: Prof. Shri Krishan Rai, Associate Professor, NIT, Durgapur

Prof. Shri Krishan Rai, a distinguished linguist at NIT, Durgapur, orchestrated a compelling session aimed at inspiring students to overcome their apprehensions about speaking English. The session served as a catalyst for empowering students to fearlessly embrace English as a means of daily communication. Prof. Rai's eloquence

and infectious enthusiasm created a positive atmosphere that was both empowering and cheerful.



Throughout the session, Prof. Rai provided practical insights and strategies to help students conquer their fear of speaking English, underscoring the importance of consistent practice. His charismatic persona was evident in his effective connection with the audience, making his presence influential and inspiring.

The impact of Prof. Rai's guidance on students was profound, leading to newfound motivation to improve English communication skills and build confidence. His dedication to assisting students in overcoming language barriers for effective global communication is commendable and aligns with the ethos of fostering a well-rounded education.

Prof. Rai's role as an invaluable asset to the academic community at NIT, Durgapur, extends beyond his linguistic expertise. His commitment to empowering students reflects in the positive transformation observed among participants, encouraging them to view English not as a challenge but as a tool for personal and professional growth.

In conclusion, Prof. Shri Krishan Rai's inspiring session was a resounding success, leaving an indelible mark on students at NIT, Durgapur. His motivational approach, coupled with his charismatic demeanor, has positioned him as a mentor and guide, contributing significantly to the academic and personal development of the student community.

Additionally, Prof. Rai's insights into the essential components of effective English communication, such as facial expressions, body posture, and attentive listening, further enhanced the students' understanding and skill development in this critical aspect of global communication.

SESSION 2:

Speaker: Dr. Shashi Bajaj Mukherjee, Assistant Professor, BCREC, Durgapur

In the enlightening session titled "Mathematics: Mother Tongue of Engineering" by Dr. Shashi Bajaj Mukherjee, students gained insights into the foundational importance of mathematics. Dr. Mukherjee conveyed that mathematics not only builds mental discipline but also fosters logical reasoning, essential skills for engineering disciplines.



The session underscored the critical role of mathematical knowledge in comprehending various subjects, extending beyond science to encompass diverse areas like music and art. Dr. Mukherjee emphasized how mathematics serves as a unifying language, providing a structured framework for problem-solving and analysis.

The key takeaway was the recognition that mathematics acts as the backbone of engineering, serving as a universal tool that transcends disciplines. Dr. Mukherjee's session effectively highlighted the interdisciplinary significance of mathematics, establishing it as the essential "mother tongue" of engineering and a cornerstone for intellectual development.

Test:



English and Math tests were administered to reassess students' proficiency in these subjects. The purpose of the tests was to evaluate the students' current understanding and command of both English and Mathematics. The re-evaluation aimed to provide insights into individual students' progress and areas that may need additional attention. These tests were conducted to ensure an accurate and up-to-date assessment of students' knowledge in these core subjects. The results will guide educators in tailoring instruction to meet the specific needs of the students.

DAY 6:

Date: 24th August 2023

Venue: DM Hall

SESSION 1:

Speaker: Prof. Krishna Roy, In-Charge Entrepreneurship Development Cell (EDC), BCREC, Durgapur

Prof. Krishna Roy, a proponent of innovation, provided a comprehensive overview of the Entrepreneurship Development Cell (EDC), emphasizing its pivotal role as a haven for fostering entrepreneurial ideas. The session unfolded the contours of the

EDC, elucidating its purpose and objectives in nurturing the spirit of entrepreneurship among students.



Prof. Roy highlighted the importance of cultivating an environment that encourages creativity, risk-taking, and the development of innovative solutions. The EDC was presented as a platform designed to incubate and support entrepreneurial initiatives within the academic community. Prof. Roy's advocacy for innovation and entrepreneurship was evident in the way he portrayed the EDC as a catalyst for transforming ideas into viable business ventures. The session underscored the commitment to instilling an entrepreneurial mindset and fostering a culture of innovation within the academic institution. Prof. Krishna Roy's unveiling of the EDC showcased a strategic initiative poised to shape and support the entrepreneurial endeavours of students.

Speaker: Prof. Sarabjit Lahiri, In-Charge NCC, BCREC, Durgapur

Prof. Sarabjit Lahiri, exuding an aura of discipline, conducted an informative session introducing students to the National Cadet Corps (NCC). The session aimed at instilling character and a profound sense of duty among the participants. Prof. Lahiri's presentation skillfully outlined the objectives and significance of the NCC, emphasizing its role in fostering discipline and leadership qualities. The session provided a comprehensive understanding of the values and principles that NCC instills in its cadets, contributing to holistic personal development. Prof. Lahiri's dedication to familiarizing students with the NCC demonstrated a commitment to shaping well-rounded individuals with a strong sense of responsibility. The session succeeded in inspiring students to consider participation in the NCC as a means of personal and character development. Prof. Sarabjit Lahiri's engagement effectively

conveyed the transformative impact of the NCC in forging character and nurturing a profound sense of duty among students.

Speaker: Prof. Sohini Ghosh, In-Charge NSS Activity, BCREC, Durgapur

Prof. Sohini Ghosh, fuelled by her passion for social service, conducted an enlightening session where she unveiled the opportunities within the National Service Scheme (NSS). The session aimed at inviting students into a realm of selfless service and societal impact. Prof. Ghosh passionately outlined the objectives and scope of the NSS, emphasizing the transformative potential of engaging in community service. Through her presentation, students were introduced to avenues where they could contribute to the betterment of society while developing a sense of empathy and responsibility. Prof. Ghosh's dedication to promoting social service and community engagement was evident in the way she portrayed the NSS as a platform for meaningful and impactful contributions. The session successfully inspired students to consider active participation in the NSS, fostering a spirit of altruism and social responsibility among them. Prof. Sohini Ghosh's engaging presentation effectively conveyed the potential for selfless service and societal impact within the National Service Scheme.

DAY 7:

Date: 25th August 2023

Venue: DM Hall

SESSION 1:

Speaker: Mr. Rohan Chhetri (IT 2010), Alumni Student, BCREC:

The Alumni Student Talk during the induction event proved to be a pivotal moment, fostering a strong connection between current students and accomplished graduates. Mr. Rohan Chhetri, a distinguished alum, shared invaluable insights from their journey since graduating in 2010. They highlighted the significance of skills acquired during their time at BCREC and provided practical advice for the new students. The talk not only inspired the audience with tales of professional success but also emphasized the importance of perseverance and continuous learning. As BCREC celebrates its induction program, the alumni presence served as a beacon for the incoming students, fostering a sense of community and aspiration.



Speaker: Mr. Ranadip Paul (ME08), Alumni Student, BCREC

During the induction event at BCREC, alumnus Ranadip Paul delivered a compelling talk, motivating first-year students for their journey ahead. Sharing his experiences since graduating, Paul emphasized the pivotal role of determination and passion in shaping a successful future. He underscored the unique opportunities offered by BCREC and encouraged students to embrace challenges as learning opportunities. The alumni talk not only inspired the freshmen but also instilled a sense of confidence and purpose as they embark on their academic journey. Paul's insights resonated, fostering a spirit of optimism and ambition among the new college entrants.



SESSION 2:

Speaker: Mr. Suman Chatterjee - ECE 2007, Alumni Student, BCREC

Alumnus Mr. Suman Chatterjee, an ECE graduate, delivered a stirring talk during the BCREC induction, urging first-year students to seize the transformative power of education. Drawing from his personal journey, Chatterjee emphasized the significance of perseverance and curiosity in navigating a successful future in Electronics and Communication Engineering. His insightful words resonated powerfully, fostering a palpable sense of purpose and enthusiasm among the new students. Chatterjee's encouragement to embrace learning opportunities at BCREC left an indelible impact, setting a positive tone for the academic and professional journeys that lie ahead for the incoming students.



Speaker: Mr. Atanu Maity & Prof. Prabal Sahu, TPO, BCREC

During the BCREC induction, Mr. Atanu Maity and Prof. Prabal Sahu, the Training and Placement Officer (TPO) at BCREC, delivered an insightful talk focused on the notable placement achievements over the past several years. They provided compelling data showcasing successful placements in top-tier companies, illustrating the Caliber of BCREC graduates. Emphasizing the importance of skill development and academic excellence, they highlighted the specific requirements these companies seek in potential candidates. The talk served as a valuable guide for incoming students, shedding light on the industry's expectations and preparing them for future placement endeavours. Mr. Maity and Prof. Sahu's expertise and data-driven

approach instilled confidence among the new students, assuring them of the promising placement opportunities that lie ahead in their academic journey at BCREC.



Blood Donation Camp

On 20th September 2023, the Induction team arranged a Blood Donation Camp for the 1st year students in the college medical unit. Dr. Sanjay S. Pawar, Principal, BCREC, inaugurated the event with an aura of excitement, weaving a symphony of enlightening the events.

Engaging in blood donation is a noble pursuit, particularly for students who represent the vibrancy and compassion of the younger generation. It transcends the confines of

the classroom, offering students a tangible way to make a positive impact on society. By actively participating in blood donation drives, students contribute to a lifeline for individuals in need, embodying the principles of altruism and empathy. This noble act not only saves lives but also fosters a sense of collective responsibility within the student community. Students become instrumental in building a culture of compassion, where the act of giving becomes a shared value. Beyond the immediate health benefits, involvement in blood donation initiatives provides students with valuable educational experiences, deepening their understanding of healthcare needs and the importance of community support. Through their involvement, students not only establish a connection with the recipients but also lay the foundation for a lifelong commitment to humanitarian causes, showcasing that even small individual efforts can collectively bring about significant positive change in the world.

Social Awareness on “Save Life Save Drive”

"Save Life, Save Drive" is a resonant call to action that has sparked social awareness among students regarding responsible driving practices. This initiative recognizes the pivotal role that students play in shaping the future of road safety.

On 26th September 2023, the Induction team arranged a Social Awareness Program on the “Save Life Save Drive” for the 1st year students in the Fuljhore area.

Through this awareness program and student-led campaigns, the movement educates young drivers about the impact of their choices on the road. Students are encouraged to prioritize safety by avoiding distractions, adhering to speed limits, and embracing a culture of responsible driving. The campaign not only highlights the potential consequences of reckless behaviour but also emphasizes the collective responsibility we all share in creating safer roads. By engaging in peer-to-peer discussions, workshops, and community outreach, students actively contribute to building a culture where road safety is not just a legal obligation but a shared commitment to protecting lives. The "Save Life, Save Drive" initiative empowers students to become advocates for change, ensuring that every journey becomes an opportunity to safeguard lives and promote a sense of social responsibility among their peers. In the hands of students, this campaign becomes a powerful tool for shaping a future where road safety is paramount and where the ethos of responsible driving is ingrained in the consciousness of the next generation.

Tree Plantation

Tree plantation, when undertaken by students, becomes a powerful expression of environmental stewardship and responsibility. Students, as the torchbearers of the future, recognize the pivotal role that trees play in sustaining life on Earth. Engaging

in tree plantation drives allows students to actively contribute to their local ecosystems. The act goes beyond the mere physical act of planting saplings; it instills a sense of environmental consciousness and ownership.

The induction team organized a tree plantation event on 26th September 2023. This event marked the commencement of a significant environmental initiative aimed at fostering a green and sustainable campus. The ceremony began with an inspiring address by our esteemed principal, Dr. Sanjay S. Pawar, who highlighted the importance of environmental conservation and the pivotal role trees play in maintaining ecological balance. The principal emphasized the need for collective responsibility in creating a healthier and more sustainable environment for our college community. The principal planted the first sapling, setting an example for students, faculty, and staff to actively participate in this noble cause. The chosen saplings were diverse, representing the local flora and ensuring a harmonious integration with our surroundings. The event was attended by enthusiastic students, dedicated faculty members, and supportive staff who actively engaged in the tree plantation process. The planting sites were strategically selected across the college grounds to maximize visual impact and provide optimal environmental benefits.

This inauguration ceremony not only marked the beginning of our college's commitment to a greener future but also served as an educational opportunity for students. They gained valuable insights into the importance of trees, ecological systems, and the significance of individual contributions to environmental conservation. As we witness the growth of these newly planted trees, let us be reminded of our collective responsibility to nurture and protect our environment. This tree plantation initiative is a small yet significant step toward creating a sustainable and eco-friendly campus.

Poster Presentation

The poster presentation event featured a diverse range of topics, allowing students to explore their interests and contribute to the academic and creative atmosphere of our college. The event was organized by the Induction team and was held on 26th September 2023. The ceremony began with the presence of our esteemed principal, Dr. Sanjay S. Pawar, Dr. Saikat Maitra (Advisory BCREC), and distinguished guests added a touch of prestige, as they extended their appreciation and acknowledgment to the assembled and encouraged students.



Students from 1st year actively participated in the event, creating posters that reflected their understanding of academic subjects, social issues, and artistic expression. The posters were displayed in designated areas around the college, allowing the entire community to appreciate the students' work. Each poster was a testament to the students' dedication and creativity. The content ranged from scientific research findings to social awareness campaigns, showcasing the student's ability to combine knowledge and creativity to communicate effectively.

The event also provided an opportunity for students to develop essential skills such as research, critical thinking, and public presentation. Judges, consisting of faculty members and invited guests, evaluated the posters based on content, visual appeal, and the student's ability to articulate their ideas. The event not only celebrated the intellectual and creative achievements of our students but also encouraged a culture of academic excellence and artistic expression within our college. Beyond academic achievement, the poster presentation event underscored the importance of nurturing a culture where students feel empowered to share their insights and express their creativity. This event was a celebration of the dynamic intellectual environment at our college, showcasing the brilliance and potential of our student body.

Football Match

Football matches foster a sense of college pride and unity among students, creating a positive college spirit. Students come together during matches, building social connections and friendships beyond the stadium. The excitement of a football match provides a healthy outlet for students to release stress, offering a break from academic pressures. Witnessing skilled athletes in action can inspire students to engage in physical activities, promoting a healthier lifestyle.

On 26th September 2023, the Induction team arranged a Football match for the 1st year boys on college football playgrounds. The presence of Dr. Sanjay S. Pawar, Principal, BCREC, Dr. Saikat Maitra (Advisory BCREC), and distinguished guests added a touch of prestige, as they extended their appreciation and acknowledgment to the assembled and encouraged students.

Football matches strengthen the sense of community within colleges, bringing students, teachers, and parents together. Involvement in organizing college football events can provide leadership opportunities for students. Anticipation for football matches often leads to increased college attendance, promoting regular academic engagement. Students learn valuable lessons about teamwork, cooperation, and goal-setting through the dynamics of football. Experiencing the highs and lows of a match teaches students emotional resilience, an essential life skill. Successful football events contribute to an overall boost in college morale, positively impacting the learning environment. Students actively engage with the sport, participating in discussions and cheering for their college teams both online and offline. Exceptional players may serve as role models, inspiring students to pursue careers in sports or related fields. Involvement in football, whether as players or spectators, can contribute to the development of various skills, including focus, discipline, and strategic thinking. Football matches often inspire creative expressions through art, music, or writing, allowing students to channel their passion. Balancing academic commitments with football-related activities teaches students valuable time management skills. College football matches promote inclusivity, providing students from diverse backgrounds with a common ground for celebration. Football events often encourage parental involvement, as families come together to support their students and the college community. Colleges can use football matches as educational tools, incorporating lessons about sportsmanship, teamwork, and the history of the sport. The memories created during college football matches often become cherished moments that students carry with them throughout their lives.

Promoting College Resources and Services

The induction program showcased a remarkable harmony as it intricately connected with diverse departments within the college. This seamless orchestration effectively integrated various elements, including the AICTE IDEA Lab, UHV facilities, MOOCS, Exam Cell, and Registrar Section. These components emerged as concrete foundations, collectively playing a pivotal role in broadening students' awareness of the diverse resources available to them.

The AICTE IDEA Lab offered an avenue for innovation and creativity, promoting an environment of exploration and experimentation. The UHV facilities, with their state-of-the-art infrastructure, contributed to a conducive learning atmosphere. The

integration of MOOCS emphasized the importance of online education, providing students with accessible and diverse learning opportunities.

The Exam Cell and Registrar Section played critical roles in ensuring the smooth administrative functioning of academic processes. Their inclusion in the induction program underlined the significance of understanding the administrative aspects of the college journey.

In summary, the orchestration of the induction program not only highlighted the interconnectedness of various departments but also emphasized their collective role in enriching students' understanding and utilization of the extensive resources available within the college.

Feedback and Evaluation

The participant feedback for the induction program resonated as a unified voice, affirming its substantial success. Notably, the program significantly elevated participants' confidence levels, enhanced their communication skills, and effectively highlighted available resources. The continuous feedback loop, encompassing both praise and constructive criticism, serves as the foundation for ongoing improvements in the program.

In summary, the induction program emerged as highly successful, equipping students with the necessary support and information for a seamless transition to college life. The program contributed to fostering a sense of belonging and community among students.

However, there are opportunities for enhancement. Some participants noted that lectures occasionally felt overly extended, suggesting a need for more efficient time management. Additionally, increasing interactivity in workshops could further engage participants. Further improvements may involve offering more insights into the college's student support services and a broader overview of extracurricular offerings to enhance the overall student experience.

Conclusions:

The success of Dr. BC Roy Engineering College's Induction Program is rooted in a well-calibrated equilibrium, skilfully combining academic theory, hands-on learning, and enthusiastic engagement. This program has established itself as a shining example of effective student integration, skill development, and holistic empowerment.

The fusion of industry insights, wholehearted participation, and a seamless blend of informative and creative components vividly demonstrates the fundamental principles that underpin the program's triumph. The program has effectively bridged the gap between theoretical knowledge and practical application, ensuring that

students are well-prepared for the challenges of their academic journey and future careers.

This holistic approach is exemplified through partnerships, diverse activities, and enlightening discussions that foster a sense of belonging and camaraderie among participants. The program not only lays a solid foundation for academic excellence but also cultivates an environment where students feel empowered, connected, and motivated to excel in their academic and personal endeavours.

In summary, Dr. BC Roy Engineering College's Induction Program stands as a model for effective student onboarding and empowerment, demonstrating the college's commitment to providing a well-rounded educational experience for its students.

