

# SUPPORTING DOCUMENT FOR QUANTITATIVE METRIC: 6.5.2

All the supporting documents are available on the college website under the given URL link

<https://www.coeb.ac.in/naac/ssr/criteria6.5.2.pdf>

SUBMITTED TO NAAC  
BY



## College Of Engineering Bhubaneswar (COEB)



Plot No. 1(A), CNI Complex, Patia, Bhubaneswar - 751024, Odisha, India

Email: [info@coeb.ac.in](mailto:info@coeb.ac.in)/ [principal@coeb.ac.in](mailto:principal@coeb.ac.in) | Phone: 0674-2740133/ 2740386 | Fax: 0674-2740828



# COLLEGE OF ENGINEERING BHUBANESWAR

Under the aegis of the Nabadigant Educational Trust

Ref No. \_\_\_\_\_

## RESPONSE

Date: \_\_\_\_\_

6.5.2: Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented
2. Academic and Administrative Audit (AAA) and follow-up action taken
3. Collaborative quality initiatives with other institution(s)
4. Participation in NIRF and other recognized rankings
5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.

- A. Any 4 or more of the above
- B. Any 3 of the above
- C. Any 2 of the above
- D. Any 1 of the above
- E. None of the above

  
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College of Engineering Bhubaneswar  
Principal



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## INTERNAL QUALITY ASSURANCE CELL (IQAC)

### About IQAC Cell:

According to the National Assessment and Accreditation Council (NAAC) of the University Grants Commission (UGC), every higher education institution is required to establish an Internal Quality Assurance Cell (IQAC). The purpose of the IQAC is to foster and institutionalize quality enhancement measures within the institution. Its effectiveness relies on the engagement and participation of all members of the institution. The IQAC is intended to be a supportive and voluntary component of the institution, aimed at becoming a catalyst for quality improvement through strategic interventions to address internal weaknesses and thus improve the academic, administrative, and financial standards of the institution. Quality enhancement being an ongoing endeavor, the IQAC integrates into the institution's framework, striving for the continuous realization of quality enhancement and sustainability goals. The primary role of the IQAC is to devise mechanisms for the conscious, consistent, and catalytic enhancement of the institution's performance.

College of Engineering Bhubaneswar (*hereafter referred as COEB*), established in 1999, is dedicated to providing world-class education in India. The IQAC Cell of COEB was established on the year 2015, with Principal Prof.(Dr.) Subrat Kumar Mohanty as ChairPerson & Prof. Saumya Darshan Mohanty as a Co-ordinator. The Cell is located at Accreditation Cell/IQAC Cell at Block-A of the Academic Block. The composition of the members, which includes Management Representative, Student Representative & Senior Faculty Members with local eminent Educationist & Industrialist.

Students at COEB are encouraged to participate in NPTEL courses, industrial visits, and study tours. A robust feedback mechanism, including meetings with class representatives, proctoring sessions, suggestion boxes, etc., allows students and other stakeholders to contribute to the teaching-learning process. This feedback is analyzed to enhance student satisfaction levels. The achievement of course outcomes, program outcomes, and specific program objectives are monitored at the semester's end, with actions taken based on these assessments. Faculty empowerment is a priority, with encouragement for faculty to engage in various professional development activities such as recommending e-journals, using virtual labs, publishing research, and enrolling in NPTEL courses. Indicators of learning outcomes include consistent improvement in university exam results, higher placement success rates, an increase in GATE qualifiers, industry collaborations, a rise in student enrollment compared to other colleges, and the retention of experienced faculty. Academic, administrative, and financial processes are systematically managed. Female employees are supported in pursuing higher education or skill

  
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development opportunities on campus across all educational domains, with the necessary work environment support provided.

To continue enhancing and maintaining the quality of its teaching and learning processes, COEB has established a proactive, dynamic, and autonomous Internal Quality Assurance Cell (COEB IQAC) within the University.

## **MISSION:**

Our mission is to continually enhance and evaluate the standards of our academic, administrative, and environmental aspects to ensure excellence in teaching, learning, and research within our institution.

## **VISION:**

To regularly assess and improve upon our curriculum, extracurricular activities, research initiatives, and administrative procedures, aiming for ongoing advancement. To recognize potential challenges and develop effective solutions through collaboration with both internal and external experts.

## **OBJECTIVES:**

- To provide Catalytic improvement of the Administrative & Academic performance of the College.
- Improving on the performance of quality functioning structure.
- Sharing & digitalizing in the field of Research with Institutions & Industries.

## **FUNCTIONS & RESPONSIBILITIES:**

- Making awareness of quality circles.
- Structuring the activities and different empowerment of the Institution.
- Preparing & submitting the IQAR based on different qualitative aspects.
- Maintaining feedback mechanism for smooth functioning of the Institute with development fields.
- Arranging Institutional Seminars Workshops according to the policy guidelines.
- Documentation of different activities of the Institute towards quality development
- Organizing the Academic & Administrative Audit. According to the quality policy in both developments & Institutions
- Preparing the whole documentation & proof of the documents as required by different Accreditation Organization like NBA,NAAC, IAO,ABET etc.

  
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## STRATEGIES:

IQAC shall evolve mechanisms and procedures for

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
- The relevance and quality of academic and research programmes.
- Equitable access to and affordability of academic programmes for various sections of society.
- Optimization and integration of modern methods of teaching and learning.
- The credibility of evaluation procedures.
- Ensuring the adequacy, maintenance and functioning of the support structure and services.

## BENEFITS:

- For quality enhancement the institution, IQAC has focused on high level of clarity
- Ensure internalization of the quality culture
- Ensure enhancement and coordination among various activities of the institution by maintaining all good practices
- Act as a synergetic system for quality changes in the Institute.
- Well organised methodology of documentation and internal communication are provided to the institution.
- 

**Some of the Functions expected of the IQAC are:**

- Development and application of quality benchmark.
- 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.
- Collection and analysis of feedback from all stakeholders on quality related institutional process.
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotions of quality circles.
- Development and maintenance of institutional database through MIS for the purpose of maintaining and enhancing the institutional quality.
- Preparation and submission as per guidelines and parameters of NAAC.
- Periodical conduct of Academic and Administrative Audit and its follow up.

*K. Bhuj*  
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## Meeting:

- Normally there shall be 3-4 meetings to be conducted in each academic year. Provided, if the authorities think fit additional meeting may be called for to finalise different quality issues of the universities.
- The Chairperson of IQAC will preside over. In his absence, the other members will nominate one among them to preside over the meeting.
- The Coordinator of IQAC will prepare the agenda for each meeting and cause it to be sent to all the members at least fifteen days before the date of meeting.
- The decisions in IQAC shall be made as far as possible by consensus and if required by majority.
- The coordinator shall prepare the minutes of each meeting and shall submit them to the university administration for approval and implementation.

## Quorum:

Attendance of minimum 2/3rd members including special invited members but excluding the Member coordinator shall constitute the quorum of the meeting.

## Outcomes of activities of IQAC:

- Accreditation: NAAC
- National Ranking Framework
- AICTE Approval for professional courses.
- Feedback from stakeholders
- Promoting Technology Enhanced Learning
- Annual Quality Assurance report

  
COORDINATOR  
COEB IQAC, BBSR

  
COLLEGE OF ENGINEERING BHUBANESWAR



# COLLEGE OF ENGINEERING BHUBANESWAR

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Internal Quality Assurance Cell (IQAC)

Ref No: COEB/IQAC/2018/

Date 10/11/2018

To,  
Prof. Dr.P.K.Subudhi.  
Professor  
AIET,  
Bhubaneswar

Sub: Invitation to be Guest Speaker for "Two days NAAC Awareness" Workshop  
Respected Sir,

I trust this letter finds you well. On behalf of the Internal Quality Assurance Cell (IQAC) at the College of Engineering and Bhubaneswar (COEB), I am writing to extend a warm invitation for you to serve as a guest speaker at our upcoming "NAAC Awareness" workshop.

**Workshop Title:** NAAC Awareness  
**Dates:** November 16 & 17, 2018  
**Time:** Sessions begin at 10:00 AM  
**Venue:** College of Engineering and Bhubaneswar

Your expertise and experience in this field make you an ideal candidate to enlighten our participants on the intricacies of NAAC accreditation and its significance in the context of higher education. We believe that your insights will greatly contribute to the understanding of our faculty and staff, who are keen on enhancing the quality assurance practices at College of Engineering and Bhubaneswar.

If you are available and willing to accept our invitation, we would be delighted to discuss any specific requirements you may have. Additionally, we are prepared to cover all associated travel and accommodation expenses.

We look forward to your positive response and hope that you can join us for this important event. Thank you for considering our invitation, and we eagerly await the opportunity to host you at College of Engineering and Bhubaneswar.

Thanking You,  
Yours Sincerely

  
IQAC coordinator

**COORDINATOR  
COEB IQAC, BBSR**

  
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Ref No: COEB/ACA/2018/403I

Dt.14/11/2018

## NOTICE

We are pleased to announce a "Two Days Workshop on NAAC Awareness" scheduled to take place on 16/11/2018. The workshop aims to provide valuable insights into the NAAC accreditation process and its parameters. All faculty members are requested to make themselves available for this programme, which will commence at 10:00 AM on both days.

Your active participation is essential in fostering a culture of quality assurance within our institution. The agenda includes sessions on the introduction to NAAC, best practices in accreditation preparation, understanding quality indicators, and interactive discussions.

Your presence will contribute to the success of this workshop, enhancing our collective understanding of accreditation processes.

Thanking You,

Yours Sincerely,

  
Coordinator

Internal Quality Assurance Cell (IQAC)

**COORDINATOR**  
**COEB IQAC, BBSR**

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2. Office of IQAC
3. Administrative officers

  
Principal

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## Agenda

Two days Workshop on  
"NAAC AWARENESS"  
(16<sup>th</sup> to 17<sup>th</sup> November 2018)

### Day 1 (16/11/2018)

Morning Session		
10:30 AM - 11:00 AM	Registration and Welcome Tea	
11:00 AM - 11:30 AM	Inaugural Session: Welcome Address by Dr. Subrat Kumar Mohanty, Principal, College of Engineering Bhubaneswar	Lighting of the Lamp
11:30 AM - 12:30 PM	Keynote Address: "The Role of NAAC in Enhancing the Quality of Higher Education in India" by Dr. P.K.Subudhi,AIET,Bhubaneswar	
12:30 PM - 12:45 PM	Tea Break	
Midday Session		
12:45 PM - 1:45 PM	Understanding NAAC Accreditation Process by " by Dr. P.K.Subudhi (AIET) ,Bhubaneswar	
1:45 PM - 2:45 PM	Lunch Break	
Afternoon Session		
2:45 PM - 3:45 PM	Criteria for Assessment and Accreditation	by Prof. Dr. P.K.Subudhi,AIET,Bhubaneswar
3:45 PM - 4:45 PM	Preparing for a NAAC Visit: Do's and Don'ts	
4:45 PM - 5:00 PM	Tea Break	
5:00 PM - 6:00 PM	Group Activity: Mock NAAC Self-Study Report Preparation	
6:00 PM	Wrap-up Day 1 and Introduction to Day 2 Agenda	

  
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Day 2 (17/11/2018)

Morning Session			
10:30 AM - 11:30 AM	Detailed Analysis of NAAC Criteria and Key Indicators	by Prof. N. H. S. Ray, Coordinator, IQAC, College of Engineering Bhubaneswar	
11:30 AM - 11:45 AM	Tea Break		
11:45 AM - 1:00 PM	Effective Data Management and Documentation for NAAC		
1:00 PM - 2:00 PM	Lunch Break		
Afternoon Session			
2:00 PM - 3:00 PM	Role of IQAC in NAAC Accreditation	by Prof..Dr.N. H. S. Ray, Coordinator, IQAC, College of Engineering Bhubaneswar	
3:00 PM - 4:00 PM	Best Practices for NAAC Preparation and Compliance		
4:00 PM - 4:15 PM	Tea Break		
4:15 PM - 5:15 PM	Open Forum: Challenges and Solutions in the NAAC Journey		
5:15 PM - 5:45 PM	Closing Ceremony: Feedback Session	Distribution of Certificates	Vote of Thanks
5:45 PM	High Tea		

  
IQAC CORDINATOR

COORDINATOR  
COEB IQAC, BBSR

  
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To,  
IQAC Coordinator  
Internal Quality Assurance Cell (IQAC)  
College of Engineering and Bhubaneswar  
Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

Sub: Acceptance of Invitation to be "Guest Speaker" for "Two days Workshop on" NAAC Awareness"

Dear Sir,

I hope this letter finds you well. I am honored to receive your invitation to serve as a guest speaker for the "NAAC Awareness" workshop at College of Engineering Bhubaneswar. I am pleased to accept this esteemed invitation and am enthusiastic about contributing to the success of the workshop. I commend the efforts of the Internal Quality Assurance Cell at College of Engineering and Bhubaneswar in organizing an event focused on NAAC awareness. It is indeed a crucial aspect in today's educational landscape, and I am thrilled to share my expertise and insights with the participants to enhance their understanding of NAAC accreditation.

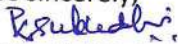
Please consider this letter as my confirmation to be part of the workshop on November 16 & 17, 2018. I am committed to delivering informative and engaging sessions that will contribute positively to the knowledge and perspectives of the faculty and staff at College of Engineering and Bhubaneswar

Regarding specific requirements, I appreciate your consideration. However, I would like to confirm that no special arrangements are necessary, and I am more than willing to cover my own travel and accommodation expenses.

I look forward to collaborating with you and the entire College of Engineering and Bhubaneswar Community during the workshop. If there are any additional details or specific topics you would like me to address, please do not hesitate to let me know.

Once again, thank you for this opportunity, and I am excited about the prospect of contributing to the "NAAC Awareness" workshop at College of Engineering and Bhubaneswar.

Yours sincerely,



Prof. Dr. P.K. Subudhi

Professor

AIET,

Bhubaneswar



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## REPORT ON TWO-DAY WORKSHOP ON NAAC AWARENESS ORGANIZED BY INTERNAL QUALITY ASSURANCE CELL (IQAC)

Venue: Board Room

Date: 16 to 17th November, 2018

In the pursuit of innovation and reform to enhance the quality of education, the current focus of the educational system is directed towards meeting the benchmarks set by the National Assessment and Accreditation Council (NAAC). NAAC, as the committee responsible for evaluating, assessing, and accrediting higher educational institutions, periodically establishes these benchmarks to ensure the maintenance of quality in higher education. Recognizing the evolving needs of higher education and aiming to evolve and transform the educational landscape at **College of Engineering Bhubaneswar (here after referred as COEB)**, the Internal Quality Assurance Cell (IQAC) meticulously organized a comprehensive two-day workshop on NAAC awareness.

The primary objective of this workshop was to furnish essential information and technical support to equip the institution in aligning with NAAC guidelines before extending an invitation for accreditation.

The inaugural session, on the first day (16/11/2018) of the workshop, set a tone of enlightenment as the workshop commenced with the symbolic lighting of lamps. Following this, Professor Dr. Subrat Kumar Mohanty, Principal of COEB, took the stage to address the participants on the intricacies of the NAAC accreditation process through two technical sessions. Dr. Mohanty began by presenting the assessment process, underscoring the significance of NAAC accreditation for colleges and universities alike. He delineated the evolution of the NAAC accreditation process since its inception in 1994, highlighting the distinctions between NAAC and NBA (National Board of Accreditation). While NAAC assesses and accredits institutions, NBA focuses solely on accrediting programs. Dr. Mohanty emphasized the dynamic nature of NAAC's accreditation parlance and expounded on the various reforms undertaken by NAAC in collaboration with higher educational institutions in India. Notably, he shared insights into the Indian Education System, expressing the opinion that all colleges across the country should obtain NAAC accreditation by 2022. He cautioned that colleges without NAAC accreditation might lose the right to admit students after this deadline.

In a subsequent session, Professor Dr. P.K. Subudhi advocated a shift in focus from artificial and physical infrastructure to human infrastructure within COEB. Stressing the importance of NAAC, he shed light on the disparities between the new and old accreditation processes. Prof.

  
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Subudhi delved into the significance of the Institutional Information for Quality Assessment (IIQA) and the All India Survey for Higher Education (AISHE) certificate, especially for colleges. He provided detailed insights into the NAAC A and A+ accreditation processes, underscoring the importance of IIQA application and Self-Study Report (SSR) preparation. Prof. Subudhi also demystified the technicalities of uploading the SSR and preparing the IIQA report for submission, aiming for better rankings.

The final technical session, led by Prof. Dr. Subrat Kumar Mohanty, centered on criteria II of the NAAC assessment. He emphasized the criticality of this criterion for achieving better grading. Following his insightful deliberation, Dr. Mohanty engaged in an interactive session with the participants, addressing various concerns related to NAAC accreditation. The workshop, thus, concluded with participants gaining a comprehensive understanding of the NAAC accreditation process and its nuances, setting the stage for further strides towards educational excellence at COEB.

- The second day commenced with a series of enlightening sessions. Prof. Dr.N.H.S.Ray, Coordinator of IQAC at the College of Engineering Bhubaneswar, delivered impactful sessions on:
- Detailed Analysis of NAAC Criteria and Key Indicators: Prof. Ray provided an in-depth analysis of the criteria and key indicators crucial for meeting NAAC standards.
- Effective Data Management and Documentation for NAAC: He delved into the essentials of efficient data management and documentation, a key aspect for successful NAAC accreditation.
- Role of IQAC in NAAC Accreditation: Prof. Ray shed light on the pivotal role played by IQAC in the NAAC accreditation process, emphasizing its significance in ensuring adherence to quality standards.



Fig.Address By Dr.P.K.Subudhi

*P.K. Subudhi*  
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Best Practices for NAAC Preparation and Compliance: Prof. Ray shared valuable insights into best practices that institutions can adopt to prepare effectively for NAAC accreditation and ensure compliance with the established standards.

Following these insightful sessions, an open forum was conducted to discuss the challenges and solutions encountered in the NAAC journey. Participants had the opportunity to share their experiences and seek guidance on overcoming obstacles. The workshop concluded with the distribution of certificates to the participants, acknowledging their active participation and engagement throughout the two-day event. The concluding session featured a vote of thanks, expressing gratitude to all speakers, participants, and organizers for contributing to the success of the workshop. This comprehensive workshop has equipped the participants with a holistic understanding of the NAAC accreditation process, empowering COEB Institution to navigate the path towards educational excellence with confidence and diligence.

Copy to

1. All Deans/HODS/Establishment Section
2. IQAC cell COEB
3. Administrative officer

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

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## NOTICE

### National Workshop on Examination Reforms in Higher Education

Ref No: COEB/ACA/2019/419I

Date 12/1/2019

It is our pleasure to announce that the Internal Quality Assurance Cell (IQAC) of the College of Engineering and Bhubaneswar is organizing a "National Workshop on Examination Reforms in Higher Education." The workshop is scheduled to take place from January 15, 2019, to January 17, 2019, in the Board Room, starting at 10:00 am.

Program Schedule:

Date: January 15, 2019, to January 17, 2019

Venue: Board Room

Time: 10:00 am

All faculty members of the institution are requested to make themselves available for this significant program. The workshop aims to delve into crucial aspects of examination reforms in higher education, fostering a platform for valuable discussions and insights.

Your active participation in this workshop will contribute to the enhancement of examination practices in higher education. We look forward to your presence and meaningful engagement throughout the workshop.

Thank you for your cooperation

  
Coordinator

Internal Quality Assurance Cell (IQAC)

**COORDINATOR**  
**COEB IQAC, BBSR**

Copy to:


All Deans/HODS/Establishment Section

Office of IQAC

Administrative Officer

  
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Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

Ref No: COEB/IQAC/2019/01

Date 7/01/2019

To,  
Prof. P.K. Subudhi  
Professor  
Aryan Institute of Engineering and Technology,  
Bhubaneswar

Subject: Invitation to National Workshop on Examination Reforms in Higher Education

Dear Mr. Subudhi,

I trust this letter finds you well. On behalf of the Internal Quality Assurance Cell (IQAC) at the College of Engineering and Bhubaneswar, I am pleased to extend an invitation to you for our upcoming "National Workshop on Examination Reforms in Higher Education."

Workshop Details:

Title: National Workshop on Examination Reforms in Higher Education

Organized by: IQAC Cell, College of Engineering and Bhubaneswar

Date: January 15, 2019, to January 17, 2019

Time: 10:00 AM

Venue: Board Room, College of Engineering and Bhubaneswar

We believe that your expertise and insights will greatly enrich the discussions and contribute to the success of this workshop. The event aims to foster meaningful conversations and insights into the crucial aspects of examination reforms in higher education. The agenda of the event is attached with this letter.

Your active participation will undoubtedly enhance the quality of our discussions and contribute to the success of this workshop. If you are able to accept our invitation, kindly confirm your attendance by 10/01/2019. Additionally, if you have any specific requirements or need further information, please do not hesitate to contact us.

We look forward to the pleasure of your company at the "National Workshop on Examination Reforms in Higher Education."

Yours sincerely,  
  
IQAC Coordinator

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COEB IQAC, BBSR**

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

Three days National Workshop on

“EXAMINATION REFORMS IN HIGHER EDUCATION”

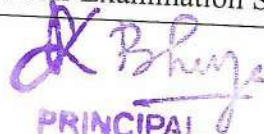
(15<sup>th</sup> to 17<sup>th</sup> November 2019)

Day 1 (15/01/2019)

Day 1: Understanding the Need for Examination Reforms	
Morning Session	
9:00 AM - 9:30 AM	Registration and Welcome by Dr.Subrat Kumar Mohanty, Principal, College of Engineering Bhubaneswar
9:30 AM - 10:00 AM	Inaugural Address: Vision for Examination Reforms
10:00 AM - 11:00 AM	Keynote Speech: "Global Trends in Examination Reforms" by Dr.P.K.Subudhi ,Aryan Institute of Engineering and Technology (AIET),Bhubaneswar
11:00 AM - 11:15 AM	Tea Break
11:15 AM - 12:30 PM	Panel Discussion: "Challenges in Current Examination Systems"
12:30 PM - 1:30 PM	Case Study Presentations: "Innovative Assessment Models Across the Globe" Dr.P.K.Subudhi , AIET,Bhubaneswar
1:30 PM - 2:30 PM	Lunch Break
Afternoon Session	
2:30 PM - 3:30 PM	Workshop: "Designing Effective Assessment Criteria"
3:30 PM - 4:30 PM	Group Activity: "Brainstorming Session on Ideal Examination Systems"
4:30 PM - 4:45 PM	Tea Break
4:45 PM - 5:45 PM	Interactive Q&A: Addressing Concerns and Queries on Examination Reforms
5:45 PM	Day 1 Wrap-Up: Summary and Insights

Day 2 (16/01/2019)

Day 2: Frameworks and Implementation Strategies	
Morning Session	
9:00 AM - 10:00 AM	Presentation: "Framework for Examination Reforms in Higher Education" Dr.P.K.Subudhi , AIET,Bhubaneswar
10:00 AM - 11:00 AM	Expert Talk: "Technology's Role in Examination Reforms" by Prof.Saumya Darshan Mohanty, Coordinator, IQAC, College of Engineering Bhubaneswar
11:00 AM - 11:15 AM	Tea Break
11:15 AM - 12:30 PM	Panel Discussion: "Integrating Continuous Assessment with Traditional Exams"
12:30 PM - 1:30 PM	Workshop: "Developing Scalable and Fair Examination Systems"

  
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1:30 PM - 2:30 PM	Lunch Break
<b>Afternoon Session</b>	
2:30 PM - 3:30 PM	Case Study Analysis: "Success Stories of Examination Reforms"
3:30 PM - 4:30 PM	Group Discussion: "Overcoming Barriers to Implementing Reforms"
4:30 PM - 4:45 PM	Tea Break
4:45 PM - 5:45 PM	Open Forum: "Creating a Collaborative Roadmap for Examination Reforms"
5:45 PM	Day 2 Wrap-Up: Reflections and Planning for Day 3

## Day 3 (17/01/2019)

Day 3: Policy Making and Future Directions		
<b>Morning Session</b>		
9:00 AM - 10:00 AM	Roundtable Discussion: "Policy Recommendations for Examination Reforms"	
10:00 AM - 11:00 AM	Expert Panel: "Ensuring Equity Quality and Integrity in Exams" by Prof.Saumya Darshan Mohanty, Coordinator, IQAC, College of Engineering Bhubaneswar	
11:00 AM - 11:15 AM	Tea Break	
11:15 AM - 12:30 PM	Interactive Workshop: "Design Thinking for Examination Systems"	
12:30 PM - 1:30 PM	Group Presentations: "Proposed Models and Implementation Plans"	
1:30 PM - 2:30 PM	Lunch Break	
<b>Afternoon Session</b>		
2:30 PM - 3:30 PM	Feedback Session: Gathering Inputs from Participants	
3:30 PM - 4:30 PM	Closing Ceremony: Summary of Workshop Outcomes	Distribution of Certificates
4:30 PM - 4:45 PM	Final Tea and Farewell	
4:45 PM	Official Close of Workshop: Thank You Note and Farewell by Bivas Ranjan Parida, HOD Department of CSE, College of Engineering Bhubaneswar	

  
IQAC COORDINATOR  
COORDINATOR  
COEB IQAC, BBSR

  
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To,  
The IQAC Coordinator  
Internal Quality Assurance Cell (IQAC)  
College of Engineering and Bhubaneswar  
Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

**Subject: Acceptance of Invitation to National Workshop on Examination Reforms in Higher Education**

Dear Sir,

I hope this letter finds you well. I am honored to have received your invitation to participate in the "National Workshop on Examination Reforms in Higher Education" organized by the IQAC Cell at the College of Engineering Bhubaneswar.

I appreciate the thoughtful invitation and am delighted to confirm my attendance at the workshop, scheduled from January 15, 2019, to January 17, 2019, at the Board Room of the College of Engineering Bhubaneswar.

The agenda of the event, as outlined in your letter, is indeed intriguing and aligns well with my expertise and interests. I look forward to contributing to the discussions and sharing insights on the crucial aspects of examination reforms in higher education.

I understand the importance of active participation, and I am committed to enhancing the quality of discussions during the workshop. I confirm my attendance to the workshop.

Should there be any additional details or specific requirements needed from my end, please feel free to inform me. I appreciate your proactive approach in organizing such an impactful event and look forward to a fruitful collaboration.

Thank you once again for the invitation, and I am eager to be part of the "National Workshop on Examination Reforms in Higher Education."

Yours sincerely,

Prof. P.K. Subudhi

Professor

Aryan Institute of Engineering and Technology, Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

**Report on National Workshop on Examination Reforms in Higher Education**

Dates: January 15-17, 2019

The National Workshop on Examination Reforms in Higher Education, organized by the Internal Quality Assurance Cell (IQAC) of the College of Engineering Bhubaneswar (hereafter referred as COEB), unfolded over three days, focusing on addressing challenges and fostering innovation in examination systems.

## **Day 1: Understanding the Need for Examination Reforms**

### **Morning Session:**

The workshop started off with a morning session that began at 9:00 AM with registration and a warm welcome by Dr. Subrat Kumar Mohanty, the Principal of COEB. Following the welcome, the Inaugural Address, envisioning the need for examination reforms, set the tone for the workshop. Dr. P.K. Subudhi from AIET, Bhubaneswar, delivered a keynote speech on "Global Trends in Examination Reforms," offering insights into international perspectives. A tea break allowed participants to network before engaging in a panel discussion exploring the challenges prevalent in current examination systems. The morning concluded with case study presentations by Dr. P.K. Subudhi on "Innovative Assessment Models Across the Globe." After a lunch break, the afternoon session commenced.

### **Afternoon Session:**

The afternoon session delved into practical aspects, starting with a workshop on "Designing Effective Assessment Criteria." A group activity followed, encouraging participants to engage in a brainstorming session on ideal examination systems. The day continued with a tea break before an interactive Q&A session addressed concerns and queries on examination reforms. The day concluded with a comprehensive wrap-up, summarizing key insights and providing a foundation for the days to come.

## **Day 2: Frameworks and Implementation Strategies**

### **Morning Session:**

Day 2 began with a presentation by Dr. P.K. Subudhi on the framework for examination reforms in higher education. Prof. Saumya Darshan Mohanty, Coordinator of IQAC at COEB, delivered an expert talk on the role of technology in examination reforms. A panel discussion explored the integration of continuous assessment with traditional exams, and a workshop focused on developing scalable and fair examination systems. The morning session concluded with a case study analysis by Dr. P.K. Subudhi, highlighting success stories of examination reforms.

  
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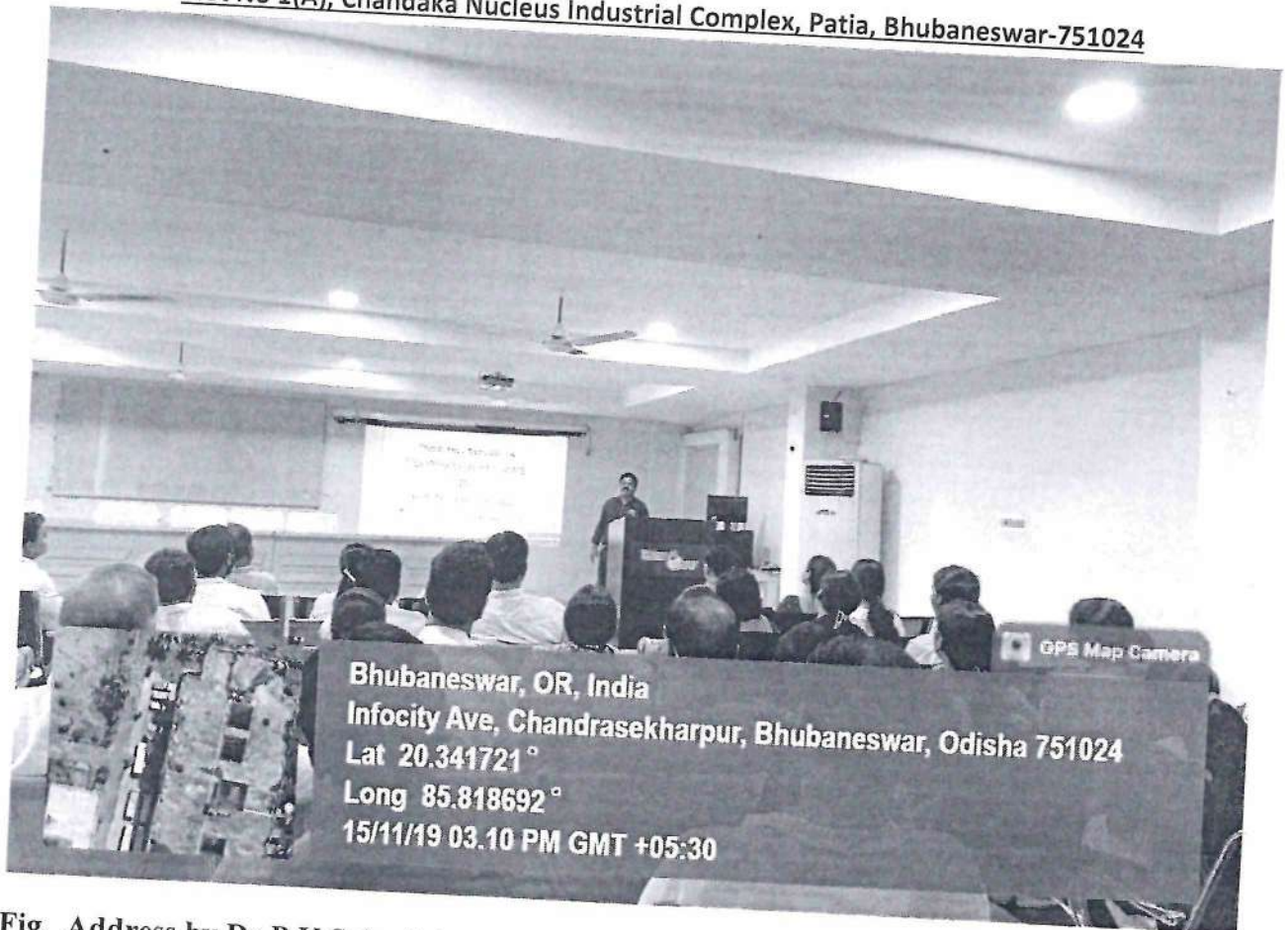


Fig. Address by Dr.P.K.Subudhi

## Afternoon Session:

The afternoon session included a group discussion on overcoming barriers to implementing reforms, an open forum creating a collaborative roadmap for examination reforms, and a wrap-up session reflecting on the day's activities.

## Day 3: Policy Making and Future Directions

### Morning Session:

The final day featured a roundtable discussion on policy recommendations, an expert panel on ensuring equity, quality, and integrity in exams, an interactive workshop on design thinking for examination systems, and group presentations showcasing proposed models and implementation plans.

### Afternoon Session:

*A. Bhuja*  
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The workshop concluded with a feedback session, a closing ceremony summarizing outcomes, the distribution of certificates, and final expressions of gratitude. Prof. Bivas Ranjan Parida, HOD Department of CSE, College of Engineering Bhubaneswar, extended a heartfelt thank-you note and bid farewell, wrapping up the three days of collaborative learning and exploration on examination reforms

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3. Administrative officer

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

Internal Quality Assurance Cell (IQAC)

Ref No: COEB/IQAC/2019/295

Date 08/12/2019

To  
Prof. Dr. Jeevan Jena  
GIET, Baniatangi

Subject: Invitation to Conduct a State-Level Seminar on Documentation & E-Report Preparation for NAAC Methodology

Respected Sir,

I trust this letter finds you in good health and high spirits. It is with great pleasure that I extend this invitation to you as a Guest Speaker for our upcoming "State-Level Seminar on NAAC Awareness Programme (NAP)," focused on Documentation and E-Report Preparation. This seminar, organized by the Internal Quality Assurance Cell (IQAC) of the College of Engineering Bhubaneswar is scheduled to take place on 13th December 2019.

Your esteemed presence as a Guest Speaker is highly valued, and we believe that your extensive knowledge and experience will significantly contribute to the success of this seminar. Your insights into NAAC methodology will be instrumental in enhancing the awareness and understanding of our faculty members.

### **Seminar Details:**

**Title: State-Level Seminar on NAAC Awareness Programme (NAP)**

**Date: 13th December 2019**


**Time: Session begins at 10:00 AM**

**Venue: Board Room**

We kindly request you to confirm your acceptance at your earliest convenience. Your prompt response will assist us in making the necessary preparations for a successful and insightful program. For your convenience, a detailed schedule (agenda) is attached herewith.

We express our sincere anticipation of a favorable reply and eagerly look forward to the privilege of hosting you at the State-Level Seminar.

Thank you for considering our invitation.



Yours sincerely,  
IQAC Coordinator

**COORDINATOR  
COEB IQAC, BBSR**



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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## NOTICE

Ref No: COEB/ACA/2019/509III

Date 11/12/2019

This is to inform all faculty members of the College of Engineering and Bhubaneswar that a "NATIONAL WORKSHOP ON EXAMINATION REFORMS IN HIGHER EDUCATION" is scheduled to be organized by the IQAC cell.

All faculty members are requested to make themselves available for the above program positively. Your active participation in this workshop is crucial to enhancing the quality of our examination systems and fostering meaningful discussions on reforms in higher education.

Details of the workshop:

- **Title: National Workshop on Examination Reforms in Higher Education**
- **Organized by: IQAC Cell**
- **Date: 13th December 2019**
- **Venue: Board Room**
- **Time: 10.00 am.**

Your attendance and active participation will contribute to the success of this workshop. We look forward to your cooperation.

Thank you.

  
Coordinator

Internal Quality Assurance Cell (IQAC)

**COORDINATOR**  
**COEB IQAC, BBSR**

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Website: www.giet.edu.in  
eMail: info@giet.edu.in

Ref No.....

Date:.....

To,  
IQAC Coordinator  
Internal Quality Assurance Cell (IQAC)  
College of Engineering and Bhubaneswar  
Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

Sub: Acceptance of Invitation to Serve as Guest Speaker for " **State-Level Seminar on Documentation & E-Report Preparation for NAAC Methodology**"

Dear IQAC Coordinator,

I hope this letter finds you well. I am honored to receive your invitation to serve as a guest speaker for the "State-Level Seminar on Documentation & E-Report Preparation for NAAC Methodology" seminar at College of Engineering and Bhubaneswar. I am pleased to accept this esteemed invitation and am enthusiastic about contributing to the success of the workshop. I commend the efforts of the Internal Quality Assurance Cell at College of Engineering and Bhubaneswar in organizing an event focused on NAAC awareness. It is indeed a crucial aspect in today's educational landscape, and I am thrilled to share my expertise and insights with the participants to enhance their understanding of NAAC accreditation. Please consider this letter as my confirmation to be part of the workshop on 13 December 2019. I am committed to delivering informative and engaging sessions that will contribute positively to the knowledge and perspectives of the faculty and staff at College of Engineering and Bhubaneswar. Regarding specific requirements, I appreciate your consideration. However, I would like to confirm that no special arrangements are necessary, and I am more than willing to cover my own travel and accommodation expenses.

I look forward to collaborating with you and the entire College of Engineering and Bhubaneswar Community during the workshop. If there are any additional details or specific topics you would like me to address, please do not hesitate to let me know.

Once again, thank you for this opportunity, and I am excited about the prospect of contributing to the seminar at College of Engineering and Bhubaneswar.

Yours sincerely,

Prof. Dr. Jeevan Jena

Professor

GIET, Baniatangi

Bhubaneswar

Baniatangi, Bhubaneswar, Khurda - 752060

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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

One day Seminar on

## “STATE LEVEL SEMINAR ON DOCUMENTATION & E-REPORT PREPARATION FOR NAAC METHODOLOGY”

(13 December 2019)

Day 1 (13/12/2019)

Morning Session		
9:00 AM - 9:30 AM	Registration	
9:30 AM - 10:00 AM	Inaugural Ceremony, Welcome Address, Introduction to the Seminar Objectives, Lighting of the Lamp by . Dr. Subrat Kumar Mohanty, Principal, College of Engineering Bhubaneswar	
10:00 AM - 11:00 AM	Keynote Address: Overview of NAAC Accreditation Process The significance of documentation and e-reporting.	By Prof. Dr.Jeevan Jena
11:00 AM - 11:15 AM	Tea Break	
11:15 AM - 12:30 PM	Session 1: The Art of Effective Documentation for NAAC by By Prof. Dr.Jeevan Jena	
12:30 PM - 1:30 PM	Lunch Break	
Afternoon Session		
1:30 PM - 3:00 PM	Workshop: E-Report Preparation and Submission, by Prof. Saumya Darshan mohanty Hands-on workshop on preparing and submitting e-reports, including practical tips on organizing digital documentation, navigating the NAAC portal, and ensuring data integrity	by Prof. Saumya Darshan Mohanty
3:00 PM - 3:15 PM	Tea Break	
3:15 PM - 4:30 PM	Panel Discussion: Overcoming Challenges in NAAC Documentation and E-Reporting	
Closing Session		
4:30 PM - 5:00 PM	Valedictory Session & Feedback	

**IQAC CORDINATOR**

**COORDINATOR  
COEB IQAC, BBSR**

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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Report on State Level Seminar on Documentation & E-Report Preparation For NAAC Methodology

**Dated-13 December 2019**

The NAAC Accreditation Workshop held at the College of Engineering Bhubaneswar (hereafter referred as COEB) provided an insightful and engaging platform for faculty members to delve into the intricacies of the accreditation process. The one-day event, conducted by esteemed speakers, aimed to enlighten participants on effective documentation, e-reporting, and overcoming challenges associated with NAAC accreditation.

### **Morning Session:**

The event commenced at 9:00 AM with the registration of participants, creating a buzz of anticipation among the attendees. The Inaugural Ceremony, which began at 9:30 AM, featured a warm Welcome Address by Dr. Subrat Kumar Mohanty, the Principal of COEB. Dr. Mohanty also introduced the seminar objectives, setting the stage for an enriching day ahead. The traditional Lighting of the Lamp ceremony added a touch of auspiciousness to the occasion.

The keynote address, delivered by Prof. Dr. Jeevan Jena from GIET, Baniatangi, provided a comprehensive overview of the NAAC Accreditation Process. The significance of documentation and e-reporting was emphasized, laying a strong foundation for the subsequent sessions.

A brief tea break at 11:00 AM allowed participants to network and reflect on the valuable insights gained during the initial sessions.

The first technical session, titled "The Art of Effective Documentation for NAAC" by Prof. Dr. Jeevan Jena, deepened participants' understanding of the nuances of documentation, a crucial aspect of the accreditation process. Practical tips and best practices were shared, ensuring clarity on the expectations of NAAC.

### **Lunch Break:**

The morning session concluded with a lunch break from 12:30 PM to 1:30 PM, providing an opportunity for participants to recharge before the afternoon sessions.

### **Afternoon Session:**

The afternoon session commenced with a hands-on workshop on "E-Report Preparation and Submission" by Prof. Saumya Darshan Mohanty. This workshop provided practical insights into organizing digital documentation, navigating the NAAC portal, and ensuring data integrity. Prof. Mohanty's expertise facilitated a meaningful and interactive learning experience.

  
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A short tea break at 3:00 PM preceded the panel discussion on "Overcoming Challenges in NAAC Documentation and E-Reporting." The diverse perspectives shared by panelists, including Prof. Dr. Jeevan Jena and Prof. Saumya Darshan mohanty, offered valuable strategies for addressing common challenges faced during the accreditation process.



Fig.. Address By Dr.Jeevan Jena

## Closing Session:

The workshop concluded with the Valedictory Session at 4:30 PM, where participants provided feedback on the event. The session provided a platform for reflections, insights, and a collective expression of gratitude. The workshop's success was evident in the engagement and enthusiasm displayed by the participants.

In summary, the NAAC Accreditation Workshop at COEB not only disseminated crucial information on documentation and e-reporting but also fostered a collaborative environment for sharing experiences and overcoming challenges. The event contributed significantly to enhancing the readiness of the institution for the NAAC accreditation process.

*A. B. Jena*  
PRINCIPAL  
College of Engineering Bhubaneswar



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*C. S. Ray*

Principal

College of Engineering Bhubaneswar

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College of Engineering Bhubaneswar

*A. B. Ray*

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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Report on State Level Seminar on Documentation & E-Report Preparation For NAAC Methodology

Dated-13 December 2019

The NAAC Accreditation Workshop held at the College of Engineering Bhubaneswar (hereafter referred as COEB) provided an insightful and engaging platform for faculty members to delve into the intricacies of the accreditation process. The one-day event, conducted by esteemed speakers, aimed to enlighten participants on effective documentation, e-reporting, and overcoming challenges associated with NAAC accreditation.

### **Morning Session:**

The event commenced at 9:00 AM with the registration of participants, creating a buzz of anticipation among the attendees. The Inaugural Ceremony, which began at 9:30 AM, featured a warm Welcome Address by Dr. Subrat Kumar Mohanty, the Principal of COEB. Dr. Mohanty also introduced the seminar objectives, setting the stage for an enriching day ahead. The traditional Lighting of the Lamp ceremony added a touch of auspiciousness to the occasion.

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A brief tea break at 11:00 AM allowed participants to network and reflect on the valuable insights gained during the initial sessions.

The first technical session, titled "The Art of Effective Documentation for NAAC" by Prof. Dr. Jeevan Jena, deepened participants' understanding of the nuances of documentation, a crucial aspect of the accreditation process. Practical tips and best practices were shared, ensuring clarity on the expectations of NAAC.

### **Lunch Break:**

The morning session concluded with a lunch break from 12:30 PM to 1:30 PM, providing an opportunity for participants to recharge before the afternoon sessions.

### **Afternoon Session:**

The afternoon session commenced with a hands-on workshop on "E-Report Preparation and Submission" by Prof. Saumya Darshan Mohanty. This workshop provided practical insights into organizing digital documentation, navigating the NAAC portal, and ensuring data integrity. Prof. Mohanty's expertise facilitated a meaningful and interactive learning experience.



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A short tea break at 3:00 PM preceded the panel discussion on "Overcoming Challenges in NAAC Documentation and E-Reporting." The diverse perspectives shared by panelists, including Prof. Dr. Jeevan Jena and Prof. Saumya Darshan mohanty, offered valuable strategies for addressing common challenges faced during the accreditation process.

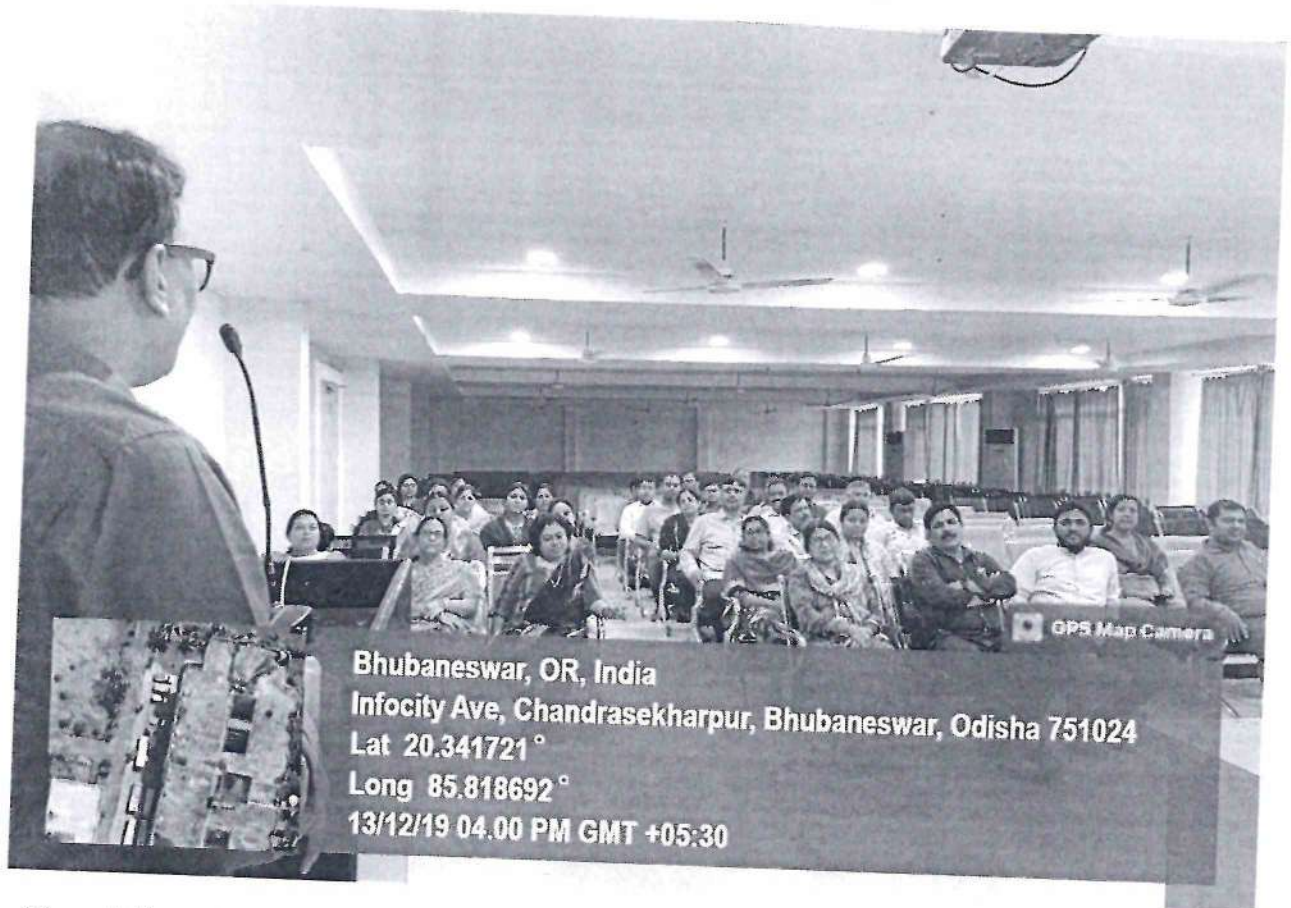


Fig.. Address By Dr.Jeevan Jena

## Closing Session:

The workshop concluded with the Valedictory Session at 4:30 PM, where participants provided feedback on the event. The session provided a platform for reflections, insights, and a collective expression of gratitude. The workshop's success was evident in the engagement and enthusiasm displayed by the participants.

In summary, the NAAC Accreditation Workshop at COEB not only disseminated crucial information on documentation and e-reporting but also fostered a collaborative environment for sharing experiences and overcoming challenges. The event contributed significantly to enhancing the readiness of the institution for the NAAC accreditation process.



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Ref No: COEB/IQAC/2021/137

15/06/2021

To,  
Prof. Dr. Jeevan Jena  
GIET, Bhubaneswar

Subject: Invitation to Conduct a **Two-Day Workshop on the Use of ICT Tools for Effective Teaching**

Respected Sir,

I trust this letter finds you well. It is with great pleasure that I extend this invitation to you as a Guest Speaker for our upcoming "Two-Day Workshop on the Use of ICT Tools for Effective Teaching." This workshop is organized by the Internal Quality Assurance Cell (IQAC) of College of Engineering Bhubaneswar.

Your esteemed presence as a Guest Speaker is highly valued, and we believe that your wealth of experience will significantly contribute to enriching the knowledge of our faculty members, empowering them with effective teaching strategies using ICT tools.

Workshop Details:

**Title: Two-Day Workshop on the Use of ICT Tools for Effective Teaching**

**Date: 21st June 2021 to 22nd June 2021**

**Time: Sessions begin at 10:00 AM**

**Venue: Board Room**

We kindly request you to confirm your acceptance at your earliest convenience. Your prompt response will assist us in making the necessary preparations for a successful and impactful program.

For your convenience, a detailed schedule is attached herewith.

We express our sincere anticipation of a favorable reply and eagerly look forward to the privilege of having you as a distinguished speaker at the Two-Day Workshop.

Thank you for considering our invitation.

Yours sincerely,

  
IQAC Coordinator

College of Engineering Bhubaneswar

**COORDINATOR  
COEB IQAC, BBSR**

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## NOTICE

Ref No: COEB/ACA/2021/623

Dt.19/06/2021

It is with great excitement that we announce a "Two-Day Workshop on the Use of ICT Tools for Effective Teaching" organized by the Internal Quality Assurance Cell (IQAC) of College of Engineering Bhubaneswar.

### Guest Speaker:

**Prof. Dr. Jeevan Jena**

**GIET, Baniatangi, Bhubaneswar**

**Date: 21st June 2021 to 22nd June 2021**

**Time: Sessions begin at 10:00 AM**

**Venue: Board Room**

This workshop aims to enhance teaching methodologies by incorporating cutting-edge ICT tools. Prof. Dr. Jeevan Jena, with his rich experience, will provide valuable insights, empowering faculty members with innovative teaching strategies.

We invite all faculty members to participate actively and make the most of this opportunity to advance their teaching skills.

Your enthusiastic participation will contribute to the success of this workshop.

  
Coordinator

Internal Quality Assurance Cell (IQAC)

**COORDINATOR  
COEB IQAC, BBSR**

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Ref No.....

Date:.....

To  
The IQAC Coordinator  
College of Engineering Bhubaneswar

**Subject: Acceptance of Invitation for Two-Day Workshop on the Use of ICT Tools for Effective Teaching**

Dear IQAC Coordinator,

I trust this letter finds you in good health. It is indeed an honor to receive your invitation to be a Guest Speaker at the "Two-Day Workshop on the Use of ICT Tools for Effective Teaching" organized by the Internal Quality Assurance Cell (IQAC) of College of Engineering Bhubaneswar.

I am grateful for the opportunity to contribute to this meaningful event and share insights on the use of ICT tools in enhancing teaching strategies. The dedication of your institution to fostering professional development aligns seamlessly with my own commitment to advancing effective teaching methodologies through technology.

I enthusiastically accept your invitation and confirm my availability for the workshop scheduled from June 21st, 2021, to June 22nd, 2021. I am looking forward to engaging with the faculty members and sharing experiences that can positively impact their teaching practices.

I appreciate the detailed schedule provided, and I assure you of my commitment to delivering a session that adds value to the workshop's objectives. Please feel free to reach out if any further preparations or arrangements are required from my end.

Once again, thank you for considering me as a distinguished speaker for this event. I am eagerly anticipating our collaboration and the opportunity to contribute to the success of the workshop.

Best regards,

Prof. Dr. Jeevan Jena  
GIET, Baniatangi  
Bhubaneswar

---

**Baniatangi, Bhubaneswar, Khurda - 752060**

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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

Two Days Workshop On

## “USE OF INFORMATION AND TECHNOLOGY (ICT) TOOLS FOR EFFECTIVE TEACHING”

(21 June 2021)

Day 1 (21/06/2021)

Day 1: Introduction to ICT in Education		
<b>Morning Session</b>		
9:00 AM - 9:30 AM	Registration	
9:30 AM - 10:00 AM	Inaugural Session, Welcome Address, Introduction to the Workshop Objectives by .	Dr. Subrat kumar Mohanty, Principal, College of Engineering Bhubaneswar
10:00 AM - 11:00 AM	Keynote Address: The Role of ICT in Modern Education by Prof.(Dr.) Jeevan Jena	
11:00 AM - 11:15 AM	Tea Break	
11:15 AM - 12:30 PM	Session 1: Overview of ICT Tools and Resources, Introduction to various ICT tools available for educators, including interactive whiteboards, digital storytelling, and educational apps by Dr. Jeevan Jena	
12:30 PM - 1:30 PM	Lunch Break	
<b>Afternoon Session</b>		
1:30 PM - 3:00 PM	Workshop: Integrating ICT Tools into Lesson Planning, Hands-on session on incorporating ICT tools into existing lesson plans to enhance student engagement and learning outcomes.	
3:00 PM - 3:15 PM	Tea Break	
3:15 PM - 4:45 PM	Practical Session: Creating Interactive Content, quizzes	
4:45 PM - 5:00 PM	Day 1 Wrap-Up	
Summary of the day's sessions, Q&A, and overview of Day 2.		

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Day 2 (22/06/2021)

<b>Day 2: Advanced Applications and Best Practices</b>	
<b>Morning Session</b>	
9:30 AM - 10:30 AM	Session 2: Advanced ICT Tools for Classroom Engagement, Exploration of advanced tools like AR/VR in education, gamification, and learning management systems (LMS) by Dr. Jeevan Jena
10:30 AM - 11:30 AM	Workshop: Utilizing Social Media and Blogs in Education, Guidance on how to effectively use social media platforms and blogs for educational purposes, including content creation, student projects, and professional development.
11:30 AM - 11:45 AM	Tea Break
11:45 AM - 1:00 PM	Group Activity: Designing an ICT-Enhanced Lesson
1:00 PM - 2:00 PM	Lunch Break
<b>Afternoon Session</b>	
2:00 PM - 3:30 PM	Panel Discussion: Overcoming Challenges in Implementing ICT in Education, A panel of educators and ICT experts will discuss common challenges and strategies for successful implementation of ICT in teaching.
3:30 PM - 3:45 PM	Tea Break
3:45 PM - 4:45 PM	Presentation and Feedback: Group Lesson Plans, Groups present their ICT-enhanced lesson plans followed by feedback from peers and facilitators.
4:45 PM - 5:00 PM	Closing Ceremony, Awarding of certificates, closing remarks, and feedback collection on the workshop, and educational content.

  
**IQAC CORDINATOR**  
COORDINATOR  
GOEB IQAC, BBSR

  
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College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## REPORT ON Two days Workshop on "Use of ICT tools for Effective Teaching"

(Venue: Board Room)

Organized by internal quality assurance cell (IQAC)

### Day 1: Introduction to ICT in Education

#### Morning Session:

The workshop started at 9:00 AM with enthusiastic participants registering for the two-day event. Dr. Subrat Kumar Mohanty, the esteemed Principal of College of Engineering Bhubaneswar, inaugurated the session at 9:30 AM. His Welcome Address set the tone for the workshop, highlighting its objectives and emphasizing the transformative role of ICT in modern education.

The keynote address at 10:00 AM, delivered by Prof. Subrat kumar Mohanty, provided valuable insights into the crucial role ICT plays in shaping contemporary education. A brief tea break at 11:00 AM allowed participants to network and engage in discussions.

#### Late Morning Session:

The first technical session, conducted by Dr. Jeevan Jena, delved into the "Overview of ICT Tools and Resources." Participants gained exposure to various ICT tools such as interactive whiteboards, digital storytelling, and educational apps, setting the stage for innovative teaching methodologies.


The afternoon session commenced with a workshop at 1:30 PM on "Integrating ICT Tools into Lesson Planning." This hands-on session empowered educators to incorporate ICT tools into existing lesson plans, fostering student engagement and optimizing learning outcomes.

A practical session from 3:15 PM to 4:45 PM focused on "Creating Interactive Content and Quizzes," providing participants with valuable skills for developing engaging educational content. Day 1 concluded at 5:00 PM with a wrap-up session summarizing the day's learnings, addressing queries, and providing an overview of Day 2.

### Day 2: Advanced Applications and Best Practices

#### Morning Session:

Day 2 commenced with a session on "Advanced ICT Tools for Classroom Engagement" at 9:30 AM, conducted by Dr. Jeevan Jena. This explored advanced tools like AR/VR, gamification, and learning management systems (LMS), offering educators insights into cutting-edge technologies.

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

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The workshop at 10:30 AM focused on "Utilizing Social Media and Blogs in Education," providing guidance on effective use for educational purposes. A tea break at 11:30 AM allowed for informal discussions and networking.

## **Late Morning Session:**

The highlight of the late morning session was a group activity from 11:45 AM to 1:00 PM, where participants actively engaged in "Designing an ICT-Enhanced Lesson." This collaborative exercise encouraged creative thinking and application of learned concepts.

The afternoon session, starting at 2:00 PM, featured a panel discussion on "Overcoming Challenges in Implementing ICT in Education." This insightful discussion, led by educators and ICT experts, addressed common challenges and shared strategies for successful implementation.

## **Late Afternoon Session:**

The workshop's final leg involved group presentations of "ICT-Enhanced Lesson Plans" at 3:45 PM, followed by feedback from peers and facilitators. The closing ceremony at 4:45 PM included the awarding of certificates, closing remarks, and the collection of feedback on the workshop and educational content.

In summary, the two-day workshop provided a comprehensive exploration of ICT tools, fostering a collaborative environment for educators to enhance their teaching methodologies. The diverse sessions, hands-on activities, and expert insights made the workshop a valuable experience for all participants.



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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

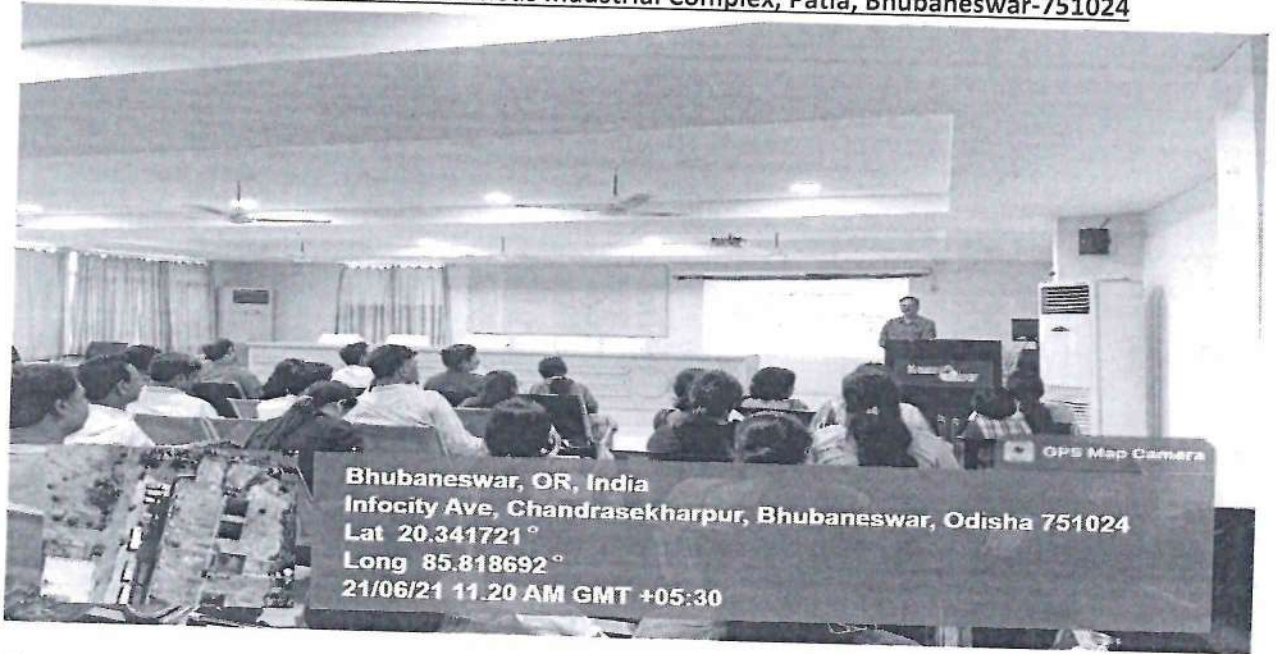


Fig.Address by Dr.Jeevan Jena

Copy to

1. All Deans/HODS/Establishment Section
2. Office of IQAC
3. Administrative officer

*Caly*  
Principal

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*K. B. Jena*  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

Ref No.COEB/IQAC/202/157

Date 22/03/2022

To  
Prof. Dr. Amiya Sahu  
AIET, Bhubaneswar

**Sub: Invitation to Conduct a One-Day Workshop on National Education Policy & Accreditation of Higher Education Institutions: The Way Ahead**

Respected sir,

I trust this letter finds you well. It is with great pleasure that I extend this invitation to you as a Guest Speaker for our upcoming "One-Day Workshop on National Education Policy & Accreditation of Higher Education Institutions: The Way Ahead." This workshop is organized by the Internal Quality Assurance Cell (IQAC) of College of Engineering Bhubaneswar.

**Workshop Details:**

- **Title: One-Day Workshop on National Education Policy & Accreditation of Higher Education Institutions:**
- **Date: 31st March 2022**
- **Time: Sessions begin at 10:00 AM**
- **Venue: Board Room**

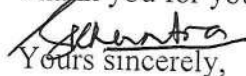
Your valuable guidance and insights are crucial, and we believe that your expertise and extensive experience will significantly contribute to enriching the knowledge of our faculty members.

We kindly request you to confirm your acceptance at your earliest convenience. Your prompt response will assist us in making the necessary preparations for a successful and impactful program.

Please find the attached detailed schedule for your reference.

Anticipating a favorable reply from your end, we express our sincere gratitude for considering our invitation.

Thank you for your time and consideration.

  
Yours sincerely,

IQAC Coordinator  
College of Engineering Bhubaneswar

**COORDINATOR  
COEB IQAC, BBSR**

  
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College of Engineering Bhubaneswar





# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## NOTICE

Ref: COEB/ACA/2022/18I

Date: 22/03/2022

A one-day workshop on "National Education Policy & Accreditation of Higher Education Institutions: The Way Ahead" is scheduled to be organized by the Internal Quality Assurance Cell (IQAC) on 31st March 2022, at College of Engineering Bhubaneswar. The seminar will be addressed by Prof. Dr. Amiya Sahu.

All faculty members of the institution are kindly requested to make themselves available for the above program positively.

Program Schedule:

- Date of Workshop: 31/03/2022
- Venue: Seminar Hall
- Time: 10:00 AM

Your enthusiastic participation will contribute to the success of this workshop

  
Coordinator

Internal Quality Assurance Cell (IQAC)

**COORDINATOR**  
**COEB IQAC, BBSR**

Copies to:

1. All Deans/HODS/Establishment Section
2. Office of IQAC
3. Administrative Officer

  
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To,  
The IQAC Coordinator  
Internal Quality Assurance Cell (IQAC)  
College of Engineering and Bhubaneswar  
Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

**Subject: Acceptance of Invitation to One-Day Workshop on National Education Policy & Accreditation of Higher Education Institutions**

Dear IQAC Coordinator,

I hope this letter finds you in good health and high spirits. It is with great honor and excitement that I accept your kind invitation to be a Guest Speaker at the "One-Day Workshop on National Education Policy & Accreditation of Higher Education Institutions. This workshop, meticulously organized by the Internal Quality Assurance Cell (IQAC) of the College of Engineering Bhubaneswar, promises to be an enriching platform for insightful discussions and collaborative learning.

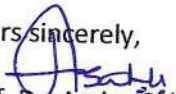
I am eager to share my perspectives on the evolving landscape of education policy and accreditation and engage in meaningful discussions with the esteemed faculty members of College of Engineering Bhubaneswar.

I express my sincere gratitude for considering me for this significant role. Rest assured, I am committed to contributing my best to ensure the success and impact of this workshop.

Please consider this letter as my formal acceptance. I am looking forward to our collaboration and a fruitful session.

Thank you once again for this opportunity.

Yours sincerely,

  
Prof. Dr. Amiya Sahu  
AIET, Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

One Day Workshop On

## “NATIONAL EDUCATION POLICY & ACCREDITATION OF HIGHER EDUCATION INSTITUTIONS”

(31st March 2022)

10:00 AM - 10:30 AM	Registration
10:30 AM - 10:45 AM	Welcome Address by Subrat kumar Mohanty, Principal, College of Engineering Bhubaneswar
10:45 AM - 11:30 AM	Inaugural Session
11:30 AM - 12:45 PM	Session 1: Unpacking the National Education Policy by Dr.Amiya sahu, Aryan Institute of Engineering and Technology
12:45 PM - 1:45 PM	Lunch Break
1:45 PM - 3:00 PM	Session 2: Accreditation in the Context of NEP
3:00 PM - 3:15 PM	Tea/Coffee Break
3:15 PM - 4:30 PM	Session 3: Implementing NEP - Strategies and Challenges, Group Discussion on NEP Guidelines, Case Studies on Implementation by Dr.Amiya sahu, Aryan Institute of Engineering and Technology
4:30 PM - 5:45 PM	Session 4: Quality Assurance and Institutional Autonomy
5:45 PM - 6:00 PM	Closing Session
6:00 PM Onwards	Dinner

**IQAC CORDINATOR**

**COORDINATOR  
COEB IQAC, BBSR**

**PRINCIPAL**

**College of Engineering Bhubaneswar**



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Comprehensive Report on the One Day Workshop: "NATIONAL EDUCATION POLICY & ACCREDITATION OF HIGHER EDUCATION INSTITUTIONS"

Venue: College of Engineering Bhubaneswar  
Organized by: Internal Quality Assurance Cell (IQAC)

### Introduction:

In response to the dynamic shifts in the landscape of higher education, the Internal Quality Assurance Cell (IQAC) at the College of Engineering Bhubaneswar (hereafter referred as COEB) convened a significant and enlightening One Day Workshop on "National Education Policy & Accreditation of Higher Education Institutions." This workshop, held on [Date], provided a unique platform for educators, administrators, and policymakers to collectively explore the transformative potential of the National Education Policy (NEP) and its intersection with the accreditation processes in higher education.

The NEP, unveiled by the Government of India, marks a paradigm shift in the country's approach to education, aiming to align it with the needs of the 21st century. Simultaneously, accreditation has emerged as a vital mechanism to ensure quality and accountability in higher education institutions. The workshop aimed to navigate the complex interplay between these two facets, offering participants a holistic understanding of the contemporary educational landscape and equipping them with insights to navigate the challenges and opportunities that lie ahead.

### Highlights:

The workshop commenced with a vibrant registration session, fostering a sense of anticipation among participants. Dr. Subrat Kumar Mohanty, Principal of COEB, delivered a compelling welcome address, emphasizing the workshop's significance in the context of ongoing educational reforms.

Distinguished guests and key dignitaries shared their perspectives during the inaugural session. They emphasized the pivotal role of aligning educational practices with the principles outlined in the NEP, laying the foundation for an intellectually stimulating day.

### Session 1: Unpacking the National Education Policy

Dr. Amiya Sahu, a distinguished expert from Aryan Institute of Engineering and Technology, led an illuminating session that delved into the intricacies of the NEP. Participants gained insights

  
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into the philosophy, objectives, and key features of the policy, setting the stage for informed discussions throughout the day.

The midday break not only provided participants with a chance to recharge but also facilitated informal networking, encouraging the exchange of ideas and experiences among attendees.

## Session 2: Accreditation in the Context of NEP

The afternoon session explored the symbiotic relationship between accreditation processes and the NEP. Discussions centered on how institutions can align their practices with accreditation standards to enhance overall quality, promoting a comprehensive approach to educational excellence.

A brief break allowed participants to refresh and fostered an atmosphere conducive to continued engagement in the subsequent sessions.

## Session 3: Implementing NEP - Strategies and Challenges

Dr. Amiya Sahu facilitated a dynamic group discussion on NEP guidelines, accompanied by case studies on successful implementation. Participants actively engaged in exploring strategies, addressing challenges, and sharing best practices, creating a collaborative environment for knowledge exchange.

## Session 4: Quality Assurance and Institutional Autonomy

The final session of the day delved into the critical aspects of quality assurance and the role of institutional autonomy in maintaining and elevating educational standards. Practical insights were shared to empower institutions in their pursuit of academic excellence.

## Closing Session

The workshop concluded with a comprehensive closing session, summarizing key insights, lessons learned, and expressing gratitude to participants, speakers, and organizers. This final segment also served as a platform for participants to share their reflections and engage in a dialogue about the workshop's impact on their professional practices.

## Dinner

The day culminated with a networking dinner, providing an informal platform for participants to further discuss workshop themes and establish connections. This casual setting encouraged a more profound exchange of ideas and experiences, reinforcing the collaborative spirit that underlined the entire workshop.

  
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Conclusion:

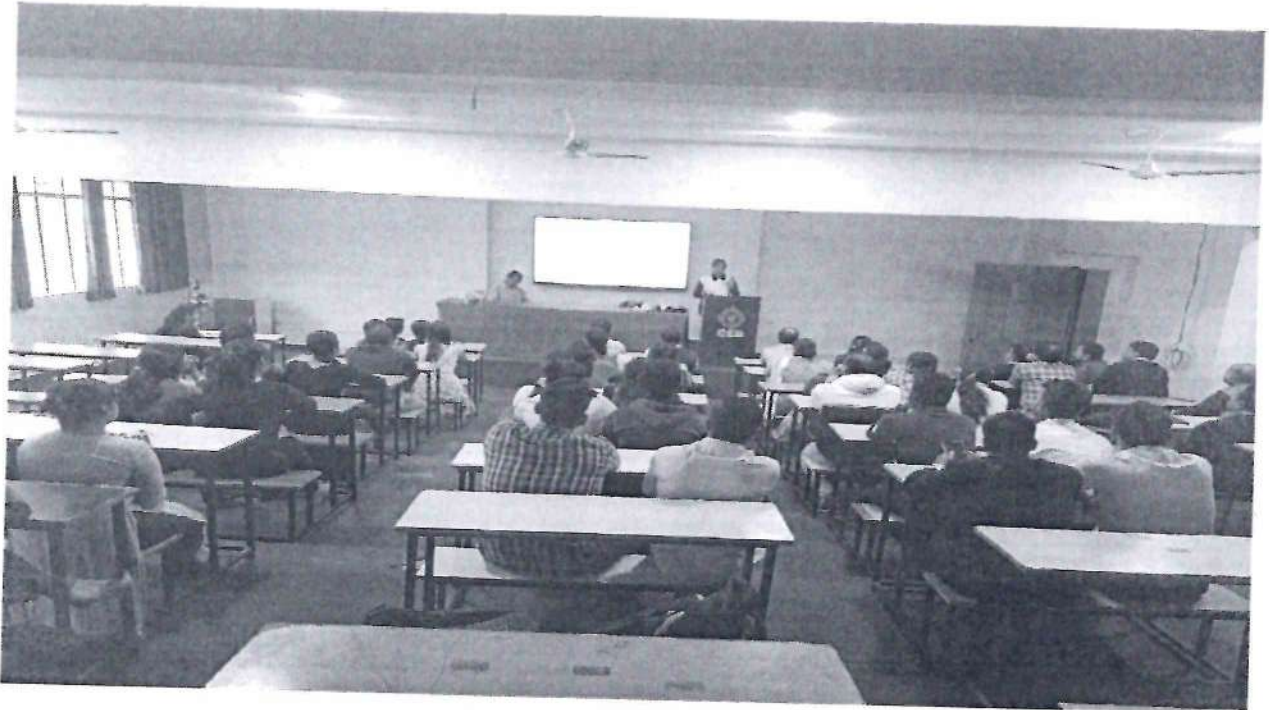


Fig. Lecture by Dr.Amiya Sahoo

The One Day Workshop on "National Education Policy & Accreditation of Higher Education Institutions" proved to be a resounding success. Participants gained a nuanced understanding of the NEP, accreditation processes, and practical strategies for effective implementation. The interactive and collaborative nature of the workshop fostered a spirit of collective learning, ensuring that participants departed with actionable insights to contribute to the enhancement of higher education quality. The event underscored the importance of continuous dialogue and collaboration to navigate the evolving landscape of education policy and accreditation. It is our sincere hope that the knowledge shared and connections forged during this workshop will serve as catalysts for positive transformations in the participating institutions.

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1. All Deans/HODS/Establishment Section
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3. Administrative officer

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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

Subject: Internal Audit Notice

Date: 06/09/2018

To: All Department Heads

Dear Sirs & Madams

I hope this communication finds you in good health and high spirits. As part of our ongoing commitment to ensuring transparency, efficiency, and accountability in all our operations, I am writing to inform you about the upcoming internal audit scheduled to take place at our esteemed engineering college.

The internal audit is a crucial process that helps us evaluate and improve our financial, operational, and administrative procedures. It also ensures that we adhere to the highest standards of governance, compliance, and fiscal responsibility.

The audit will cover various aspects, including but not limited to:

Financial Records: Verification of financial transactions, budget adherence, and fund allocation.

Academic Processes: Assessment of curriculum implementation, student evaluation systems, and academic resource utilization.

Administrative Procedures: Examination of administrative processes, employee performance, and compliance with policies and regulations. To facilitate a smooth audit process, I request your full cooperation and support. Please ensure that all relevant documents and records are readily accessible and made available to the audit team. Additionally, be prepared to address any queries or provide clarification during the audit period.

The internal audit will commence on **Dt.16/9/2018** and is expected to conclude on **Dt.17/9/2018**. I trust that each department will actively participate in this process to help identify areas of improvement and maintain the high standards for which our institution is known.

Your dedication to this internal audit process is vital in reinforcing our commitment to excellence and continuous improvement. Thank you in advance for your cooperation, and I look forward to a successful audit that will contribute to the continued growth and success of our engineering college.

The of individual department audit will be taken care by other departments as mentioned below.

  
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Sl no	Auditor Department	To be Audited Departments
01	Computer Science Engineering	1.Electronics & Telecommunication Engineering 2.Electrical engineering
02	Electrical Engineering	1.Civil Engineering 2.BS & H Department
03.	Civil Engineering	1.Mechanical Engineering 2.MBA
04	Mechanical Engineering	1.Computer Science Engineering 2 MCA

If you have any questions or concerns, please do not hesitate to contact the audit coordinator, [Prof S.R.SWAIN at Ph-7978639713

Thank you for your understanding and cooperation.

Sincerely,




DrSubrat Kumar Mohanty

Principal

College of Engineering Bhubaneswar

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College of Engineering Bhubaneswar



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College of Engineering Bhubaneswar





# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

Subject: Internal Audit Notice

Date: 06/09/2019

To: All Department Heads

Dear Sirs & Madams

I hope this communication finds you in good health and high spirits. As part of our ongoing commitment to ensuring transparency, efficiency, and accountability in all our operations, I am writing to inform you about the upcoming internal audit scheduled to take place at our esteemed engineering college.

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PRINCIPAL  
College of Engineering Bhubaneswar


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01	Computer Science Engineering	1.Electronics & Telecommunication Engineering 2.Electrical engineering
02	Electrical Engineering	1.Civil Engineering 2.BS & H Department
03.	Civil Engineering	1.Mechanical Engineering 2.MBA,3.Automobile Engineering
04	Mechanical Engineering	1.Computer Science Engineering 2 MCA

If you have any questions or concerns, please do not hesitate to contact the audit coordinator, [Prof S.R.SWAIN at Ph-7978639713

Thank you for your understanding and cooperation.

Sincerely,



DrSubrat Kumar Mohanty

Principal

College of Engineering Bhubaneswar

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College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

Subject: Internal Audit Notice

Date: 11/10/2021

To: All Department Heads

Dear Sirs & Madams

I hope this communication finds you in good health and high spirits. As part of our ongoing commitment to ensuring transparency, efficiency, and accountability in all our operations, I am writing to inform you about the upcoming internal audit scheduled to take place at our esteemed engineering college.

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The internal audit will commence on **Dt.20/10/2021** and is expected to conclude on **Dt.21/10/2021**. I trust that each department will actively participate in this process to help identify areas of improvement and maintain the high standards for which our institution is known.

Your dedication to this internal audit process is vital in reinforcing our commitment to excellence and continuous improvement. Thank you in advance for your cooperation, and I look forward to a successful audit that will contribute to the continued growth and success of our engineering college.

  
PRINCIPAL  
College of Engineering Bhubaneswar

The individual department audit will be taken care by other departments as mentioned below.

Sl no	Auditor Department	To be Audited Departments
01	Computer Science Engineering	1.Electronics & Telecommunication Engineering 2.Electrical engineering
02	Electrical Engineering	1.Civil Engineering 2.BS & H Department
03.	Civil Engineering	1.Mechanical Engineering 2.MBA
04	Mechanical Engineering	1.Computer Science Engineering 2 MCA

Thank you for your understanding and cooperation.

Sincerely,



DrSubrat Kumar Mohanty

Principal

College of Engineering Bhubaneswar

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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

Subject: Internal Audit Notice

Date: 6/10/2022

To: All Department Heads

Dear Sirs & Madams

I hope this communication finds you in good health and high spirits. As part of our ongoing commitment to ensuring transparency, efficiency, and accountability in all our operations, I am writing to inform you about the upcoming internal audit scheduled to take place at our esteemed engineering college.

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Administrative Procedures: Examination of administrative processes, employee performance, and compliance with policies and regulations. To facilitate a smooth audit process, I request your full cooperation and support. Please ensure that all relevant documents and records are readily accessible and made available to the audit team. Additionally, be prepared to address any queries or provide clarification during the audit period.

internal audit will commence on **Dt. 17/10/2022** and is expected to conclude on **Dt. 18/10/2022**. I trust that each department will actively participate in this process to help identify areas of improvement and maintain the high standards for which our institution is known.

Your dedication to this internal audit process is vital in reinforcing our commitment to excellence and continuous improvement. Thank you in advance for your cooperation, and I look forward to a successful audit that will contribute to the continued growth and success of our engineering college.

  
PRINCIPAL  
College of Engineering Bhubaneswar

The individual department audit will be taken care by other departments as mentioned below.

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03.	Civil Engineering	1.Mechanical Engineering 2.MBA
04	Mechanical Engineering	1.Computer Science Engineering 2 MCA

Thank you for your understanding and cooperation.

Sincerely,




DrSubrat Kumar Mohanty

Principal

College of Engineering Bhubaneswar

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College of Engineering Bhubaneswar, Odisha  
Bhubaneswar-751024

Academic Audit-Theory Course

Name of the Teacher: *Manoj Kumar Behera*  
Name of the Course/Code:  
Semester/Section: *1st/A*

Date: *16/9/2018*  
Department Name: *PG Dept. of Computer Science And Application*  
Program Name: *MCA*

Sr. No.	Description	Remarks
1.	Percentage coverage of syllabus	<i>100</i>
2.	Total number of students in the class	<i>40</i>
3.	Total Number of Bridge Course classes conducted at the beginning Or semester break/Number of students registered.	<i>2</i>
4.	Total Number of Remedial Course classes conducted /Number of Students identified by the faculty.	<i>5</i>
5.	Total number of theory lectures taken (Online/PhysicalMode)	<i>40</i>
6.	Number of surprise test conducted	<i>2</i>
7.	Number of Real-time assignments conducted	<i>2</i>
8.	Number of Assignments Given/Evaluated	<i>2</i>
9.	Number of Case-study/Experiential/Course Projects given/Evaluated	<i>1</i>
10.	Mid-term Examination answerscript shown to the students and Signed by the students within the 10days after the exam.	<i>Yes</i>
11.	Number of students checked the evaluated answerscripts	<i>40</i>
12.	Number of students who have obtained more than 75%marks in the Course	<i>Yes</i>
13.	Number of students who have secured less than 50%marks in the Course	
14.	Average percentage Course marks of the wholeclass	
15.	Reasons of lowmarks if average percentage course marks of the Wholeclass are less than 60%	<i>Health and family Issue</i>
16.	Number of students securing less than 65% attendance in theory class	<i>Nil</i>
17.	Does the COs and Pos are disseminated in the 1 <sup>st</sup> Class?	<i>Yes</i>
18.	Does the Less on Plan /Model questions & Evaluation process are Circulated in the 1 <sup>st</sup> Class?	<i>Yes</i>
19.	Status of the CO & PO attainment and action taken report	<i>Yes</i>
20.	General remarks ,if any	<i>Good</i>

*(Signature)*  
Signature of Teacher  
Date:

*(Signature)*  
Signature of the HoD  
Date:

*(Signature)*  
Name & Signature of the Auditor  
Date: *16/9/2018*



College of Engineering Bhubaneswar, Odisha  
Bhubaneswar-751024

Academic Audit-Theory Course

Name of the Teacher: *Sandeep Patel*  
Name of the Course/Code:  
Semester/Section: *3<sup>rd</sup>/*

Date: *17/09/2019*  
Department Name: *PG Dept. of Computer Science And Application*  
Program Name: *MCA*

Sr. No.	Description	Remarks
1.	Percentage coverage of syllabus	100
2.	Total number of students in the class	40
3.	Total Number of Bridge Course classes conducted at the beginning Or semester break/Number of students registered.	2
4.	Total Number of Remedial Course classes conducted /Number of Students identified by the faculty.	6
5.	Total number of theory lectures taken (Online/Physical Mode)	40
6.	Number of surprise test conducted	2
7.	Number of Real-time assignments conducted	2
8.	Number of Assignments Given/Evaluated	2
9.	Number of Case-study/Experiential/Course Projects given/Evaluated	1
10.	Mid-term Examination answerscript shown to the students and Signed by the students within the 10 days after the exam.	Yes
11.	Number of students checked the evaluated answerscripts	40
12.	Number of students who have obtained more than 75% marks in the Course	
13.	Number of students who have secured less than 50% marks in the Course	
14.	Average percentage Course marks of the whole class	
15.	Reasons of low marks if average percentage course marks of the Whole class are less than 60%	Health and family issue
16.	Number of students securing less than 65% attendance in theory class	Nil
17.	Does the COs and Pos are disseminated in the 1 <sup>st</sup> Class?	Yes
18.	Does the Less on Plan /Model questions & Evaluation process are Circulated in the 1 <sup>st</sup> Class?	Yes
19.	Status of the CO & PO attainment and action taken report	Yes
20.	General remarks ,if any	Good

*Sandeep Patel*  
Signature of Teacher  
Date:

*MR*  
Signature of the HoD  
Date:

*Darshan Mohanty*  
Name & Signature of the Auditor  
Date: *17/9/19*





# College of Engineering Bhubaneswar, Odisha

Bhubaneswar-751024

Academic Audit- Lab/ Workshop Course

Date: 21/10/21

Name of the Teacher: Chandrakant Mallick

Department: Comp. Sc. Ergg.

Designation: Asst. Professor

Name of the Course/Code: OOPS LAB  
Mechanical-A

Semester/ Section: 3<sup>rd</sup> (A)

Program Name: BTech

Sr. No.	Description	Remarks
1.	Number of students in the class/ Number of Sections	38
2.	Number of Sections	1
3.	Level of autonomy used for the experiment/job	
	No of Demonstration based experiment/job	Nil
	No of Exercise based experiment/job	10
	No of Structured/Enquiry based experiment/job	Nil
	No of open-ended Enquiry based experiment/job	Nil
	No of Project based experiment/job	NA
4.	Total number of experiments/ jobs as per syllabus	10
5.	Number of experiments/ jobs completed for all students	10
6.	Number of Lab Projects/Case Studies/ Experiential learning Evaluated for the whole class	Yes
7.	Does the evaluation is carried out based on predefined rubrics ?	Yes
8.	Does the COs, POs and Rubrics share with the students at the beginning of the course?	Yes
9.	Number of students who have obtained more than 75% marks in sessional	80%
10.	Number of students who have secured less than 50% marks in sessional	5%
11.	Average percentage sessional marks of the whole class	80%
12.	Reasons of low sessional marks if average percentage sessional marks of the whole class are less than 60%	Due to health problem
13.	Number of students securing less than 65% attendance in lab/workshop class	5%
14.	Number of compensatory labs conducted.	2
15.	Status of the CO & PO attainment and action taken report	Attended & Action taken
16.	General remarks, if any	V. Good

C. Mallick

Signature of Teacher

Date:

Signature of the HoD

Date:

Name & Signature of the Auditor

Date: 21/10/2021



College of Engineering Bhubaneswar, Odisha  
Bhubaneswar-751024

Academic Audit-Theory Course

Date: 18/10/2022

Name of the Teacher: *Tanmaya Kumar Das*

Department Name: *Comp. Sc. Engg*

Name of the Course/Code: *Data Communication & Computer Network*

Semester/Section: *4th (C)*

Program Name: *B.Tech*

Sr. No.	Description	Remarks
1.	Percentage coverage of syllabus	100%
2.	Total number of students in the class	57
3.	Total Number of Bridge Course classes conducted at the beginning Or semester break/Number of students registered.	
4.	Total Number of Remedial Course classes conducted /Number of Students identified by the faculty.	5
5.	Total number of theory lectures taken (Online/Physical Mode)	42
6.	Number of surprise test conducted	2
7.	Number of Real-time assignments conducted	2
8.	Number of Assignments Given/Evaluated	2
9.	Number of Case-study/Experiential/Course Projects given/Evaluated	NA
10.	Mid-term Examination answerscript shown to the students and Signed by the students within the 10 days after the exam.	Yes
11.	Number of students checked the evaluated answerscripts	100%
12.	Number of students who have obtained more than 75% marks in the Course	72%
13.	Number of students who have secured less than 50% marks in the Course	10%
14.	Average percentage Course marks of the whole class	
15.	Reasons of low marks if average percentage course marks of the Whole class are less than 60%	Due to health Problem
16.	Number of students securing less than 65% attendance in theory class	5%
17.	Does the COs and Pos are disseminated in the 1 <sup>st</sup> Class?	Yes
18.	Does the Lesson Plan /Model questions & Evaluation process are Circulated in the 1 <sup>st</sup> Class?	Yes
19.	Status of the CO & PO attainment and action taken report	Attached & action taken
20.	General remarks, if any	V. Good

*Tanmaya Kumar Das*  
Signature of Teacher  
Date:

*[Signature]*  
Signature of the HoD  
Date:

*[Signature]*  
Name & Signature of the Auditor  
Date: 18/10/2022



College of Engineering Bhubaneswar, Odisha  
Bhubaneswar-751024

Academic Audit-Theory Course

Date: 21/10/2021

Name of the Teacher: Chandrakant Mallek

DepartmentName: Comp.Sc. Engg.

Name of the Course/Code: Data Structures

Semester/Section: 4th Mechanical A

ProgramName: B.Tech

Sr. No.	Description	Remarks
1.	Percentage coverage of syllabus	100%
2.	Total number of students in the class	38
3.	Total Number of Bridge Course classes conducted at the beginning Or semester break/Number of students registered.	Natural Language Processing
4.	Total Number of Remedial Course classes conducted /Number of Students identified by the faculty.	5
5.	Total number of theory lectures taken (Online/PhysicalMode)	40
6.	Number of surprise test conducted	2
7.	Number of Real-time assignments conducted	2
8.	Number of Assignments Given/Evaluated	2
9.	Number of Case-study/Experiential/Course Projects given/Evaluated	NA
10.	Mid-term Examination answerscript shown to the students and Signed by the students within the 10days after the exam.	Yes
11.	Number of students checked the evaluated answerscripts	100%
12.	Number of students who have obtained more than 75%marks in the Course	71%
13.	Number of students who have secured less than 50%marks in the Course	10%
14.	Average percentage Course marks of the wholeclass	76%
15.	Reasons of lowmarks if average percentage course marks of the Wholeclass are less than 60%	Due to health problem
16.	Number of students securing less than 65% attendance in theory class	5%
17.	Does the COs and Pos are disseminated in the 1 <sup>st</sup> Class?	Yes
18.	Does the Less on Plan /Model questions & Evaluation process are Circulated in the 1 <sup>st</sup> Class?	Yes
19.	Status of the CO & PO attainment and action taken report	Attended & Action taken
20.	General remarks ,ifany	Good

Chandrakant Mallek

Signature of Teacher

Date:

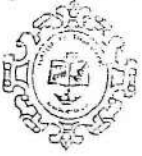
Signature of the HoD

Date:

Name & Signature of the Auditor

Date:

21/10/2021



College of Engineering Bhubaneswar, Odisha  
Bhubaneswar-751024

Academic Audit- Lab/ Workshop Course

Date: 18/10/2022

Name of the Teacher: Tanmaya Kumar Das

Department: Comp. Sc. Engg

Designation: Asst. Professor

Name of the Course/Code: Python Programming LAB

Semester/ Section: 4<sup>th</sup> (A+B)

Program Name: B.Tech

Sr. No.	Description	Remarks
1.	Number of students in the class/ Number of Sections	116
2.	Number of Sections	3
3.	Level of autonomy used for the experiment/job	
	No of Demonstration based experiment/job	Nil
	No of Exercise based experiment/job	12
	No of Structured/Enquiry based experiment/job	Nil
	No of open-ended Enquiry based experiment/job	Nil
	No of Project based experiment/job	NA
4.	Total number of experiments/ jobs as per syllabus	12
5.	Number of experiments/ jobs completed for all students	12
6.	Number of Lab Projects/Case Studies/ Experiential learning Evaluated for the whole class	Yes
7.	Does the evaluation is carried out based on predefined rubrics ?	Yes
8.	Does the COs, POs and Rubrics share with the students at the beginning of the course?	Yes
9.	Number of students who have obtained more than 75% marks in sessional	80%
10.	Number of students who have secured less than 50% marks in sessional	10%
11.	Average percentage sessional marks of the whole class	70%
12.	Reasons of low sessional marks if average percentage sessional marks of the whole class are less than 60%	Due to health Problem
13.	Number of students securing less than 65% attendance in lab/workshop class	5%
14.	Number of compensatory labs conducted.	2
15.	Status of the CO & PO attainment and action taken report	Attended & Action taken
16.	General remarks, if any	Good

Tanmaya Kumar Das

Signature of Teacher

Date:

Signature of the HoD

Date:

Shanta  
Name & Signature of the Auditor

Date:

18/10/2022



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR

### Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2018-2019/-Meeting-1

10/07/2018

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 17<sup>th</sup> July 2018.

Venue: Boardroom

Time: 10:30 AM

Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

#### Agenda:

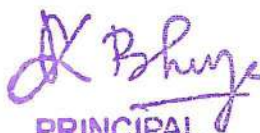
- 1 Welcome address by Chairman, IQAC
- 2 Review of previous Minutes of Meeting
- 3 Academic calendar for the academic year 2018-2019 odd semester
- 4 Completion of course file and Requisition of Laboratory equipment
- 5 Faculty Achievement
- 6 Internal Assessment test and question paper setting
- 7 Training and placement cell activities
- 8 Academic and Administrative Audit by IQAC
- 9 The interaction of Institute with the industry
- 10 Vote of thanks

#### Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 17-07-2018 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick (Trustee)
3	Faculty	1 Dr. Krishna Auto Asso Prof 2 Dr.Edara Krishna Reddy Civil Prof 3 Dr. M Selvam Mech Asso Prof 4 Dr. N. Veda Kumar EE Asso Prof 5 Dr.JVN Ramesh CSE Asso Prof 6 Dr. Namita Mohapatra BS&H Asso Prof 7 Dr.Niranjan Nayak MBA Prof 8 Dr.Sunita Satapathy MCA Asso Prof
4	Administrative Representative	1 Nalini Bihari Administrative Director Mohapatra
5	Student	1 Mr. Ajaya Kumar AME 3rd Gamango Year 2 Ms. Monalisa Bal CVL 3rd Year
6	Alumni	Er. Bhabani Sankar Jena, CEO, DxMinds Technologies Inc.
7	Industry	Er. Debasish Mohapatra, CEO, Addsoft Technology

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

8	Parent	Niral Topno
9	Coordinator, IOAC	Dr.N.H.S.Ray

## Agenda of the meeting:

- 1 Welcome address by Chairman, IQAC
- 2 Review of previous Minutes of Meeting
- 3 Academic calendar for the academic year 2018-2019 odd semester
- 4 Completion of course file and Requisition of Laboratory equipment
- 5 Faculty Achievement
- 6 Internal Assessment test and question paper setting
- 7 Training and placement cell activities
- 8 Academic and Administrative Audit by IQAC
- 9 The interaction of Institute with the industry
- 10 Vote of thanks

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 14-04-2018 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

Sl no	Discussion topic in IQAC meeting	Action Taken Report
<u>1</u>	Review of last meeting's minutes.	The minutes of the previous meeting was approved by the committee members.
<u>2</u>	Academic calendar for the academic year 2018-2019 odd semester.	The college Academic calendar for 2018-19 odd semester was received by the chairperson as per the suggestion given..
<u>3</u>	Completion of course file and Requisition of Laboratory	The Committee instructed the HODs to confirm that the teaching staff must

  
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	equipment.	have completed their course file and to ensure that the Laboratory equipment are sufficient.
<u>4</u>	Faculty Achievement.	It was decided to encourage in active participation in FDPs, Workshops, STTPs, Publications. PhD etc.
<u>5</u>	Training and placement cell activities.	More emphasis was given on T & P cell to conduct recruitment drive
<u>6</u>	Academic and Administrative Audit by IQAC.	The IQAC Committee decided to conduct an IQAC. academic audit for the ensuing session.
<u>7</u>	The interaction of Institute with the industry.	The expert from industry extended his support towards the interaction of institute with the industry.

3. The meeting ended with a vote of thanks to the chair and members present.


The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

  
Coordinator (IQAC)  
COEB

COORDINATOR  
COEB IQAC, BBSR

  
Principal  
COEB

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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR

### Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2018/-Meeting-2

29/9/2018

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 5<sup>th</sup> October 2018.

Venue: Boardroom

Time: 10:30 AM

Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

#### Agenda:

- 1 Review of previous Minutes of Meeting
- 2 Formation of Anti-ragging Committee and Anti-ragging squad
- 3 Formation of Hostel Monitoring Committee (For Boys and Girls)
- 4 Formation of Committee for personality Development and Aptitude classes

#### Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

  
Principal

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# COLLEGE OF ENGINEERING BHUBANESWAR

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## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 5-10-2018 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick (Trustee)
3	Faculty	1 Dr. Krishna Auto Asso Prof 2 Dr.Edara Krishna Reddy Civil Prof 3 Dr. M Selvam Mech Asso Prof 4 Dr. N. Veda Kumar EE Asso Prof 5 Dr.JVN Ramesh CSE Asso Prof 6 Dr. Namita Mohapatra BS&H Asso Prof 7 Dr.Niranjan Nayak MBA Prof 8 Dr.Sunita Satapathy MCA Asso Prof
4	Administrative Representative	1 Nalini Bihari Administrative Director Mohapatra
5	Student	1 Mr. Ajaya Kumar AME 3rd Gamango Year 2 Ms. Monalisa Bal CVL 3rd Year
6	Alumni	Er. Bhabani Sankar Jena, CEO, DxMinds Technologies Inc.
7	Industry	Er. Debasish Mohapatra,

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

		CEO, Addsoft Technology
8	Parent	Niral Topno
9	Coordinator, IOAC	Dr. N. H. S.Ray

## Agenda of the meeting:

- 1 Review of previous Minutes of Meeting
- 2 Formation of Anti-ragging Committee and Anti-ragging squad
- 3 Formation of Hostel Monitoring Committee (For Boys and Girls)
- 4 Formation of Committee for personality Development and Aptitude classes

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 17-07-2018 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

Sl no	Discussion topic in IQAC meeting	Action Taken Report
<u>1</u>	Review of last meeting's minutes.	The minutes of the previous meeting was approved by the committee members.
<u>2</u>	Formation of Anti-ragging Committee and Anti-ragging squad.	The members were pleased to form a committee to oversee the activities concerned to ragging. Hence Committees have been formed.
<u>3</u>	Formation of Hostel Monitoring Committee (For Boys and Girls).	A Committee been formed to monitor the activities of Hostels (Both Boys & Girls) to ensure discipline in Hostel Premises.
<u>4</u>	Formation of Committee for personality Development and Aptitude classes.	To prepare the students for upcoming placement/ competitive examinations, a committee was formed.

  
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3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

  
Coordinator (IQAC)  
COEB  
COORDINATOR  
COEB IQAC, BBSR

  
Principal  
COEB  
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# COLLEGE OF ENGINEERING BHUBANESWAR

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## CIRCULAR

### Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2018-2019/-Meeting-3

1/1/2019

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 7<sup>th</sup> January 2019.

Venue: Boardroom

Time: 10:30 AM

Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.


#### Agenda:

- 1 Review of the minutes of the last IQAC meeting
- 2 Research Publication
- 3 Any other matter with the permission of the Chairperson

#### Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

  
Principal

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

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## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 1-01-2019 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick (Trustee)
3	Faculty	1 Dr. Krishna Auto Asso Prof 2 Dr.Edara Krishna Reddy Civil Prof 3 Dr. M Selvam Mech Asso Prof 4 Dr. N. Veda Kumar EE Asso Prof 5 Dr.JVN Ramesh CSE Asso Prof 6 Dr. Namita Mohapatra BS&H Asso Prof 7 Dr.Niranjan Nayak MBA Prof 8 Dr.Sunita Satapathy MCA Asso Prof
4	Administrative Representative	1 Nalini Bihari Administrative Director Mohapatra
5	Student	1 Mr. Ajaya Kumar AME 3rd Gamango Year 2 Ms. Monalisa Bal CVL 3rd Year
6	Alumni	Er. Bhabani Sankar Jena, CEO, DxMinds Technologies Inc.
7	Industry	Er. Debasish Mohapatra, CEO, Addsoft Technology
8	Parent	Niral Topno

PRINCIPAL



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

9	Coordinator, IOAC	Dr. N. H. S. Ray
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## Agenda of the meeting:

- 1 Review of the minutes of the last IQAC meeting
- 2 Research Publication
- 3 Any other matter with the permission of the Chairperson


The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 05-10-2018 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.


Sl no	Discussion topic in IQAC meeting	Action Taken Report
<u>1</u>	Review of last meeting's minutes.	The minutes of the previous meeting was approved by the committee members.
<u>2</u>	Research Publication.	All the HODs were informed to enhance their department publication by giving timeframe who had not done their publication yet.
<u>3</u>	Any other matter with the permission of the Chairperson.	As no other matter propose by the members, the meeting ended with a vote of thanks to the chair.

3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator(IQAC)  
COEB  
  
COORDINATOR  
COEB IQAC, BBSR

  
Principal  
COEB  
  
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Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR

### Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2018-2019/-Meeting-4

26/03/2019

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 3<sup>rd</sup> April 2019.

Venue: Boardroom

Time: 2:30 PM

Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

#### Agenda:

- 1 Review of last meeting's minutes
- 2 Result Analysis (Even semester)
- 3 Review of Registrations
- 4 Review of Value added Courses status
- 5 Industrial Tour
- 6 Attendance of Students

#### Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

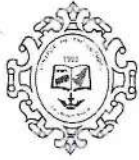
  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 3-04-2019 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick (Trustee)
3	Faculty	1 Dr. Krishna Auto Asso Prof 2 Dr.Edara Krishna Reddy Civil Prof 3 Dr. M Selvam Mech Asso Prof 4 Dr. N. Veda Kumar EE Asso Prof 5 Dr.JVN Ramesh CSE Asso Prof 6 Dr. Namita Mohapatra BS&H Asso Prof 7 Dr.Niranjan Nayak MBA Prof 8 Dr.Sunita Satapathy MCA Asso Prof
4	Administrative Representative	1 Nalini Bihari Administrative Director Mohapatra
5	Student	1 Mr. Ajaya Kumar AME 3rd Gamango Year 2 Ms. Monalisa Bal CVL 3rd Year
6	Alumni	Er. Bhabani Sankar Jena, CEO, DxMinds Technologies Inc.
7	Industry	Er. Debasish Mohapatra, CEO, Addsoft Technology

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

8	Parent	Niral Topno
9	Coordinator, IOAC	Dr.N. H.S.Ray

## Agenda of the meeting:

- 1 Review of last meeting's minutes
- 2 Result Analysis (Even semester)
- 3 Review of Registrations
- 4 Review of Value added Courses status
- 5 Industrial Tour
- 6 Attendance of Students

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 01-1-2019 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

Sl no	Discussion topic in IQAC meeting	Action Taken Report
<u>1</u>	Review of last meeting's minutes.	The minutes of the previous meeting was approved by the committee members.
<u>2</u>	Result Analysis (Even semester).	A thorough review of the BPUT semester Examination was conducted with the HODs of all departments.
<u>3</u>	Review of Registrations.	All the HODs were asked to submit a detail report regarding registration details.
<u>4</u>	Review of Value added Courses status.	All the HODs were instructed to present a feedback report of all the (VAC) Trainers from the Student concerned.
<u>5</u>	Industrial Tour.	The Chairperson suggested that the HODs should arrange the industrial training programmes for the students in

  
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		order to gain practical knowledge
6	Attendance of Students	All the Branch HODs were asked to take note of the students who are yet to attend the required number of classes in each semester.

3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator(IQAC)  
COEB

*[Signature]*  
COORDINATOR  
COEB IQAC, BBSR

*[Signature]*  
Principal  
COEB

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*[Signature]*  
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Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR

### Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2019/-Meeting-1

7/08/2019

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 16<sup>th</sup> August 2019.

Venue: Boardroom

Time: 10:30 AM

Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

#### Agenda:


- 1 Approval of minutes of meeting held on 4th March, 2019
- 2 Academic calendar for the academic year 2019-2020
- 3 Organization of FDPs and Seminars on latest trends in engineering and management
- 4 Recruitment of new faculty in order to maintain faculty-student ratio for academic year 2019-2020
- 5 Collaborations and exchange programs with premier institutions for the academic year 2019-2020
- 6 Conduction of orientation day

#### Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

  
Principal

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# COLLEGE OF ENGINEERING BHUBANESWAR

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## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 16-08-2019 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick (Trustee)
3	Faculty	1 Dr. Krishna Auto Asso Prof 2 Dr.Edara Krishna Reddy Civil Prof 3 Dr. M Selvam Mech Asso Prof 4 Dr. N. Veda Kumar EE Asso Prof 5 Dr.JVN Ramesh CSE Asso Prof 6 Dr. Namita Mohapatra BS&H Asso Prof 7 Dr.Niranjan Nayak MBA Prof 8 Dr.Sunita Satapathy MCA Asso Prof
4	Administrative Representative	1 Nalini Bihari Administrative Director Mohapatra
5	Student	1 Mr. Ajaya Kumar AME 3rd Gamango Year 2 Ms. Monalisa Bal CVL 3rd Year
6	Alumni	Er. Bhabani Sankar Jena, CEO, DxMinds Technologies Inc.
7	Industry	Er. Debasish Mohapatra, CEO, Addsoft Technology

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

8	Parent	Niral Topno
9	Coordinator, IOAC	Dr. Soumya Darshan Mohanty

## Agenda of the meeting:

- 1 Approval of minutes of meeting held on 4th March, 2019
- 2 Academic calendar for the academic year 2019-2020
- 3 Organization of FDPs and Seminars on latest trends in engineering and management
- 4 Recruitment of new faculty in order to maintain faculty-student ratio for academic year 2019-2020
- 5 Collaborations and exchange programs with premier institutions for the academic year 2019-2020
- 6 Conduction of orientation day.

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 3-04-2019 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

Sl no	Discussion topic in IQAC meeting	Action Taken Report
<u>1</u>	Approval of minutes of meeting held on 4th March, 2019	The minutes of the previous meeting was approved by the committee members.
<u>2</u>	Academic calendar for the academic year 2019-2020	Dean of Academic has put forward the academic calendar for the year 2019-20 for UG and PG programs.
<u>3</u>	Organization of FDPs and Seminars on latest trends in engineering and management	Chairperson suggested to all HODs to organize FDPs, and seminars on latest trends in engineering and management.
<u>4</u>	Recruitment of new faculty in order to maintain faculty-student ratio for academic year 2019-2020	Chairperson suggested recruitment of new faculty to maintain better faculty-student ratio (FSR) for the academic year 2019-2020 in all departments.
<u>5</u>	Collaborations and exchange programs with premier	IQAC Coordinator recommended that a complete all-round education for students

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

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	institutions for the academic year 2019-2020	is possible through collaborative activities like student exchange programs, field projects and Internships etc., such that the graduating student is ready for a flourishing professional career in their field of choice.
<u>6</u>	Conduction of orientation day	Chairperson suggested Dean of Academics to conduct orientation Program for 1st Year B.Tech students.

3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator (IQAC)  
COEB

  
COORDINATOR  
COEB IQAC, BBSR

  
Principal  
COEB

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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2019/-Meeting-2

28/10/2019

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 5<sup>th</sup> November 2019.

Venue: Boardroom

Time: 10:30 AM

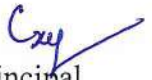
Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

Agenda:


- 1 Approval of minutes of meeting held on 4th June, 2019
- 2 Planning of social Activities
- 3 Training and placement
- 4 Testing and Consultancy

Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

  
Principal

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College of Engineering Bhubaneswar

  
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College of Engineering Bhubaneswar





# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 5-11-2019 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick (Trustee)
3	Faculty	1 Dr. Krishna Auto Asso Prof 2 Dr.Edara Krishna Reddy Civil Prof 3 Dr. M Selvam Mech Asso Prof 4 Dr. N. Veda Kumar EE Asso Prof 5 Dr.JVN Ramesh CSE Asso Prof 6 Dr. Namita Mohapatra BS&H Asso Prof 7 Dr.Niranjan Nayak MBA Prof 8 Dr.Sunita Satapathy MCA Asso Prof
4	Administrative Representative	1 Nalini Bihari Administrative Director Mohapatra
5	Student	1 Mr. Ajaya Kumar AME 3rd Gamango Year 2 Ms. Monalisa Bal CVL 3rd Year
6	Alumni	Er. Bhabani Sankar Jena, CEO, DxMinds Technologies Inc.
7	Industry	Er. Debasish Mohapatra, CEO, Addsoft Technology
8	Parent	Niral Topno

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

9	Coordinator, IOAC	Dr. Soumya Darshan Mohanty
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## Agenda of the meeting:

- 1 Approval of minutes of meeting held on 15th August, 2019
- 2 Planning of social Activities
- 3 Training and placement
- 4 Testing and Consultancy

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 15-08-2019 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

Sl no	Discussion topic in IQAC meeting	Action Taken Report
<u>1</u>	Review of last meeting's minutes.	The minutes of the previous meeting was approved by the committee members.
<u>2</u>	Planning of social Activities	The sports Coordinator presented the plan of activities to be organized for the current academic year like Blood donation, tree plantation and Awareness program etc.,
<u>3</u>	Training and placement.	Placement coordinator proposed to conduct training classes on communication skill and aptitude for B.Tech III year students. It is resolved to conduct placement pre-assessment tests for final year students.
<u>4</u>	Testing and Consultancy.	Chairperson discussed to enhance testing and consultancy activity-in order to generate revenue as well as to improve resource sharing and expertise.

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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator (IQAC)  
COEB  
*[Signature]*  
COORDINATOR  
COEB IQAC, BBSR

*[Signature]*  
Principal  
COEB  
PRINCIPAL  
College of Engineering Bhubaneswar

*[Signature]*  
PRINCIPAL  
College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2020/-Meeting-3

27/01/2020

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 2<sup>nd</sup> February 2020.

Venue: Boardroom

Time: 10:30 AM

Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

### Agenda:

- 1 Approval of minutes of the meeting held on 2nd September 2019
- 2 Attainment of course outcomes, program outcomes and program specific outcomes
- 3 Analysis of quality outcomes
- 4 Placements statistics 2018-2019

### Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

Principal

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College of Engineering Bhubaneswar

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College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 2-02-2020 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick (Trustee)
3	Faculty	1 Dr. Krishna Auto Asso Prof 2 Dr.Edara Krishna Reddy Civil Prof 3 Dr. M Selvam Mech Asso Prof 4 Dr. N. Veda Kumar EE Asso Prof 5 Dr.JVN Ramesh CSE Asso Prof 6 Dr. Namita Mohapatra BS&H Asso Prof 7 Dr.Niranjan Nayak MBA Prof 8 Dr.Sunita Satapathy MCA Asso Prof
4	Administrative Representative	1 Nalini Bihari Administrative Director Mohapatra
5	Student	1 Mr. Ajaya Kumar AME 3rd Gamango Year 2 Ms. Monalisa Bal CVL 3rd Year
6	Alumni	Er. Bhabani Sankar Jena, CEO, DxMinds Technologies Inc.
7	Industry	Er. Debasish Mohapatra, CEO, Addsoft Technology

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

8	Parent	Niral Topno
9	Coordinator, IOAC	Dr. Soumya Darshan Mohanty

## Agenda of the meeting:

- 1 Approval of minutes of the meeting held on 5<sup>th</sup> November 2019
- 2 Attainment of course outcomes, program outcomes and program specific outcomes
- 3 Analysis of quality outcomes
- 4 Placements statistics 2018-2019

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 05-11-2019 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

Sl no	Discussion topic in IQAC meeting	Action Taken Report
<u>1</u>	Review of last meeting's minutes.	The minutes of the previous meeting was approved by the committee members.
<u>2</u>	Attainment of course outcomes, program outcomes and program specific outcomes.	IQAC coordinator framed the guidelines for attainment of course outcomes, program outcomes and program specific outcomes.
<u>3</u>	Analysis of quality outcomes..	IQAC coordinator presented impact analysis of quality outcomes in terms of quality sustenance and quality enhancement.
	Placements statistics 2019-2020.	Discussed on placement statistics 2019-2020 and analysis was based on total students, eligible and interested students, higher studies/ Business, companies Visited and students placed.

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator (IQAC)  
COEB  
*[Signature]*  
COORDINATOR  
COEB IQAC, BBSR

*[Signature]*  
Principal  
COEB  
PRINCIPAL  
College of Engineering Bhubaneswar

*[Signature]*  
PRINCIPAL  
College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2020/-Meeting-1

18/09/2020

All IQAC members are requested to attend the online IQAC meeting scheduled for 25<sup>th</sup> September 2020.

Mode of Meeting: Online (Zoom Platform)

Time: 10:00 AM

Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

### Agenda:


- 1 Approval of minutes of meeting held on 08th June 2020
- 2 Planning of Social Activities
- 3 Training and placement
- 4 Teaching and learning activities enhanced with combination of ICT tools and various pedagogies during pandemic
- 5 Conduction of orientation day
- 6 Conduction of examinations through online mode by using Remote Proctor Online Test (RPOT)

### Copy to

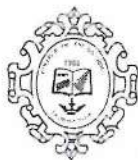
- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

  
Principal

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College of Engineering Bhubaneswar

  
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College of Engineering Bhubaneswar





# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 18-09-2020 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick (Trustee)
3	Faculty	1 Dr.J Hussain Auto Prof 2 Dr. Thirumalai Raja Civil Asso Prof 3 Dr. R. Sivakumar ETC Prof 4 Dr. N.K Vadivel Mech Asso Prof 5 Dr. TC Manjunath EE Prof 6 Dr. C.Sunil CSE Asso Prof 7 Dr. Debasmita Samal BS&H Asso Prof 8 Dr.Sadasiv Dash MBA Prof
4	Administrative Representative	1 Nalini Bihari Mohapatra Administrative Director
5	Student	1 Mr. Chandan Malik EE 3rd Year 2 Ms. Pravasini Mishra Mech 3rd Year
6	Alumni	Er. Sudhir Ranjan Swain, Associate Consultant, TCS
7	Industry	Mr. J KMohanty, MD, Milachal Leasing Financials
8	Parent	Rabindra Nath Behera

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

9	Coordinator, IOAC	Dr. Sujit Kumar Khuntia
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## Agenda of the meeting:

- 1 Approval of minutes of meeting held on 2<sup>nd</sup> February 2020
- 2 Planning of Social Activities
- 3 Training and placement
- 4 Teaching and learning activities enhanced with combination of ICT tools and various pedagogies during pandemic
- 5 Conduction of orientation day
- 6 Conduction of examinations through online mode by using Remote Proctor Online Test (RPOT)

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 02-02-2020 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

Sl no	Discussion topic in IQAC meeting	Action Taken Report
<u>1</u>	Approval of minutes of meeting held on 08th June 2020	The minutes of the previous meeting was approved by the committee members.
<u>2</u>	Planning of Social Activities	Sports Coordinator presented the plan of activities to be organized for the current academic year like Blood donation, tree plantation and Awareness program etc.
<u>3</u>	Training and placement	Placement coordinator proposed to conduct training classes on communication skill and aptitude for B.Tech III year students. It is resolved to conduct placement pre-assessment tests for final year students.
<u>4</u>	Teaching and learning activities enhanced with combination of ICT tools and various	Chairperson suggested that teaching and learning must be enhanced with combination of ICT tools and various

*A. Bhuje*

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	pedagogies during pandemic	pedagogies
5	Conduction of orientation day	Chairperson suggested Dean of Academics to conduct orientation Program for I st year B.Tech students.
6	Conduction of examinations through online mode by using Remote Proctor Online Test (RPOT)	Examination coordinator suggested for the conduction of Semester End Examinations of Academic Year 2019-2020. Even semester exams which were not conducted due to pandemic through online mode by using Remote Proctor Online Test (RPOT)

3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator IQAC  
COEB  
COORDINATOR  
COEB IQAC, BBSR

Principal  
COEB  
PRINCIPAL  
College of Engineering Bhubaneswar

Principal  
PRINCIPAL  
College of Engineering Bhubaneswar



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Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2020/-Meeting-2

21/12/2020

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 28<sup>th</sup> December 2020.

Venue: Boardroom

Time: 10:30 AM

Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

### Agenda:

- 1 Approval of minutes of meeting held on 7th September 2020
- 2 Review on NAAC criteria
- 3 Attainment of course outcomes, program outcomes and program specific outcomes
- 4 Analysis of quality outcomes
- 5 Placements statistics 2019-2020

### Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

  
Principal

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College of Engineering Bhubaneswar

  
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College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 28-12-2020 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick (Trustee)
3	Faculty	1 Dr.J Hussain Auto Prof 2 Dr. Thirumalai Raja Civil Asso Prof 3 Dr. R. Sivakumar ETC Prof 4 Dr. N.K Vadivel Mech Asso Prof 5 Dr. TC Manjunath EE Prof 6 Dr. C.Sunil CSE Asso Prof 7 Dr. Debasmita Samal BS&H Asso Prof 8 Dr.Sadasiv Dash MBA Prof
4	Administrative Representative	1 Nalini Bihari Administrative Mohapatra Director
5	Student	1 Mr. Chandan EE 3rd Year Malik 2 Ms. Pravasini Mech 3rd Mishra Year
6	Alumni	Er. Sudhir Ranjan Swain, Associate Consultant, TCS
7	Industry	Mr. J KMohanty, MD, Milachal Leasing Financials
8	Parent	Rabindra Nath Behera
9	Coordinator,	Dr. Sujit Kumar Khuntia

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

IOAC

## Agenda of the meeting:

- 1 Approval of minutes of meeting held on 18th September 2020
- 2 Review on NAAC criteria
- 3 Attainment of course outcomes, program outcomes and program specific outcomes
- 4 Analysis of quality outcomes
- 5 Placements statistics 2019-2020

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 18-09-2020 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

Sl no	Discussion topic in IQAC meeting	Action Taken Report
<u>1</u>	Approval of minutes of meeting held on 7th September 2020	The minutes of the previous meeting was approved by the committee members.
<u>2</u>	Review on NAAC criteria	Chairperson reviewed the progress of NAAC and necessary directions were given for improvement and modifications.
<u>3</u>	Attainment of course outcomes, program outcomes and program specific outcomes	IQAC coordinator framed the guidelines for attainment of course outcomes, program outcomes and program specific outcomes.
<u>4</u>	Analysis of quality outcomes	IQAC Coordinator presented impact analysis of quality outcomes in terms of quality sustenance and quality enhancement.
<u>5</u>	Placements statistics 2019-2020	Chairperson suggested that teaching and learning must be enhanced with combination of ICT tools and various pedagogies.

  
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Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator (IQAC)  
COEB  
COORDINATOR  
COEB IQAC, BBSR

Principal  
COEB

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College of Engineering Bhubaneswar

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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2021/-Meeting-3

18/03/2021

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 25<sup>th</sup> March 2021.

Venue: Boardroom

Time: 2:30 PM


Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

### Agenda:

- 1 Approval of minutes of meeting held on 10th December, 2020
- 2 Implementation of PG 21 regulations
- 3 Submission of Course files
- 4 Discussion on budget
- 5 Academic audit
- 6 Research Proposals

### Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

  
Principal

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College of Engineering Bhubaneswar

  
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College of Engineering Bhubaneswar





# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 29-06-2021 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick (Trustee)
3	Faculty	1 Dr.J Hussain Auto Prof 2 Dr. Thirumalai Raja Civil Asso Prof 3 Dr. R. Sivakumar ETC Prof 4 Dr. N.K Vadivel Mech Asso Prof 5 Dr. TC Manjunath EE Prof 6 Dr. C.Sunil CSE Asso Prof 7 Dr. Debasmita Samal BS&H Asso Prof 8 Dr.Sadasiv Dash MBA Prof
4	Administrative Representative	1 Nalini Bihari Mohapatra Administrative Director
5	Student	1 Mr. Chandan Malik EE 3rd Year 2 Ms. Pravasini Mishra Mech 3rd Year
6	Alumni	Er. Sudhir Ranjan Swain, Associate Consultant, TCS
7	Industry	Mr. J KMohanty, MD, Milachal Leasing Financials
8	Parent	Rabindra Nath Behera

  
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College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

9	Coordinator, IOAC	Dr. Sujit Kumar Khuntia
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## Agenda of the meeting:

- 1 Approval of minutes of meeting held on 28 th December, 2020
- 2 Implementation of PG 21 regulations
- 3 Submission of Course files
- 4 Discussion on budget
- 5 Academic audit
- 6 Research Proposals

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 28-12-2020 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

Sl no	Discussion topic in IQAC meeting	Action Taken Report
<u>1</u>	Approval of minutes of meeting held on 10th December, 2020	The minutes of the previous meeting was approved by the committee members.
<u>2</u>	Implementation of PG 21 regulations	Dean of Academics discussed with the members on implementation of new regulations, for PG programmes.
<u>3</u>	Submission of Course files	IQAC coordinator requested to all HODs to submit course files in Latex.
<u>4</u>	Discussion on budget	Chairperson discussed on budgets utilization for academic year 2020-2021.
<u>5</u>	Academic audit	Internal academic audit was conducted across all the departments with internal audit team.
<u>6</u>	Research Proposals	IQAC coordinator suggested Dean ,R & D to take necessary actions for improving research grants from various funding agencies.

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator (IQAC)  
COEB  
COORDINATOR  
COEB IQAC, BBSR

Principal  
COEB

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College of Engineering Bhubaneswar

Principal  
PRINCIPAL  
College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2021/-Meeting-4

01/07/2021

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 19th July 2021.

Venue: Boardroom

Time: 2:30 PM

Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

Agenda:

- 1 Welcome address by Chairman, IQAC
- 2 Confirmation of minutes of meeting of last IQAC meeting dated: 14-01-2020
- 3 Action taken report on the decisions taken in last meeting dated: 14-01-2020.
- 4 Discussion on Academia-Industry relationship.
- 5 To prepare 3<sup>rd</sup> and 4<sup>th</sup> year students for the workforce, soft skill training will be implemented.
- 6 Student Outreach programmes to be conducted.
- 7 Vote of thanks.

Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

  
Principal

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PRINCIPAL

College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 19-07-2021 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick (Trustee)
3	Faculty	1 Dr.J Hussain Auto Prof 2 Dr. Thirumalai Raja Civil Asso Prof 3 Dr. R. Sivakumar ETC Prof 4 Dr. N.K Vadivel Mech Asso Prof 5 Dr. TC Manjunath EE Prof 6 Dr. C.Sunil CSE Asso Prof 7 Dr. Debasmita Samal BS&H Asso Prof 8 Dr.Sadasiv Dash MBA Prof
4	Administrative Representative	1 Nalini Bihari Administrative Mohapatra Director
5	Student	1 Mr. Chandan EE 3rd Year Malik 2 Ms. Pravasini Mech 3rd Mishra Year
6	Alumni	Er. Sudhir Ranjan Swain, Associate Consultant, TCS
7	Industry	Mr. J KMohanty, MD, Milachal Leasing Financials
8	Parent	Rabindra Nath Behera

  
PRINCIPAL

College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

9	Coordinator, IOAC	Dr. Sujit Kumar Khuntia
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## Agenda of the meeting:

- 1 Welcome address by Chairman, IQAC
- 2 Confirmation of minutes of meeting of last IQAC meeting dated: 29-06-2021
- 3 Action taken report on the decisions taken in last meeting dated: 29-06-2021.
- 4 Discussion on Academia-Industry relationship.
- 5 To prepare 3<sup>rd</sup> and 4<sup>th</sup> year students for the workforce, soft skill training will be implemented.
- 6 Student Outreach programmes to be conducted.
- 7 Vote of thanks.

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 29-06-2021 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

Sl.No	Decision taken	Action taken
1	<u>Discussion on Academia-Industry relationship.</u> By including employers in the institute, it is decided to build the academic-industry relationship substantially as soon as feasible. This work will be done by the institute's Institute to Industry division. Important figures from the business world will be invited to the institute to provide training and placement recommendations.	Implemented in the institute.
2	To prepare third- and fourth-year students for the workforce, soft skill training will be implemented.	Steps taken in the matter

3. All activities as decided in the meeting dated: 11-10-2019, meeting dated: 14-10-2019 are reviewed and found that the activities are running as decided. Principal is requested to be

  
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College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

vigilant on running the activities.

4. It is hereby decided to involve students of all departments in outreach programmes. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator (IQAC)  
COEB  
*[Signature]*  
COORDINATOR  
COEB IQAC, BBSR

*[Signature]*  
Principal  
COEB  
PRINCIPAL  
College of Engineering Bhubaneswar

5.

*[Signature]*  
PRINCIPAL  
College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2021/-Meeting-1

22/11/2021

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 30<sup>th</sup> November 2021.

Venue: Boardroom

Time: 10:30 AM


Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

Agenda:

- 1 Approval of minutes of meeting held on 29th March 2021
- 2 Academic calendar for the academic year 2021-2022
- 3 Implementation of PG 21 regulations
- 4 Conductions of examinations through Remote Proctor Online Test (RPOT)  
Organization of webinars, FDPs and seminars on latest trends in engineering and management
- 5
- 6 Registration for online courses in courser and swayam etc  
Recruitment of new faculty in order to maintain faculty-student ratio for academic year 2021-2022
- 7
- 8 Implementation of Career Advancement Scheme (CAS) for the faculty promotions to have better cadre ratio from academic year 2021-2022

Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

  
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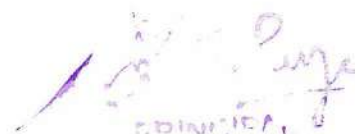
# COLLEGE OF ENGINEERING BHUBANESWAR


Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 30-11-2021 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick (Trustee)
3	Faculty	1 Dr.J Hussain Auto Prof 2 Dr. Thirumalai Raja Civil Asso Prof 3 Dr. R. Sivakumar ETC Prof 4 Dr. N.K Vadivel Mech Asso Prof 5 Dr. TC Manjunath EE Prof 6 Dr. C.Sunil CSE Asso Prof 7 Dr. Debasmita Samal BS&H Asso Prof 8 Dr.Sadasiv Dash MBA Prof
4	Administrative Representative	1 Nalini Bihari Mohapatra Administrative Director
5	Student	1 Mr. Chandan Malik EE 3rd Year 2 Ms. Pravasini Mishra Mech 3rd Year
6	Alumni	Er. Sudhir Ranjan Swain, Associate Consultant, TCS
7	Industry	Mr. J KMohanty, MD, Milachal Leasing Financials
8	Parent	Rabindra Nath Behera

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

9	Coordinator, IOAC	Dr. Sujit Kumar Khuntia
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## Agenda of the meeting:

- 1 Approval of minutes of meeting held on 29th June 2021
- 2 Academic calendar for the academic year 2021-2022
- 3 Implementation of PG 21 regulations
- 4 Conductions of examinations through Remote Proctor Online Test (RPOT)  
Organization of webinars, FDPs and seminars on latest trends in engineering and
- 5 management
- 6 Registration for online courses in courser and swayam etc  
Recruitment of new faculty in order to maintain faculty-student ratio for academic year
- 7 2021-2022  
Implementation of Career Advancement Scheme (CAS) for the faculty promotions to have
- 8 better cadre ratio from academic year 2021-2022

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 29-06-2021 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

Sl no	Discussion topic in IQAC meeting	Action Taken Report
<u>1</u>	Approval of minutes of meeting held on 29th June 2021	The minutes of the previous meeting was approved by the committee members.
<u>2</u>	Academic calendar for the academic year 2021-2022	Dean of Academic has put forward the tentative academic calendar for the year 2021-2022 for UG and PG programmes
<u>3</u>	Implementation of PG 21 regulations	Dean of Academics discussed with the members on implementation of new regulations, for PG 21 PG programmers and presented rules and regulations.
<u>4</u>	Conductions of examinations through Remote Proctor Online Test (RPOT)	Chairperson suggested HODs to prepare a schedule for online classes. Further action plan was prepared for procurement of software
<u>5</u>	Organization of webinars, FDPs and seminars on latest trends in	Chairperson suggested to all HODs to organize webinars, FDPs, and seminars on latest trends in



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# COLLEGE OF ENGINEERING BHUBANESWAR

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	engineering and management	engineering and management.
6	Registration for online courses in courser and swayam etc	IQAC coordinator proposed to conduct project expo in the month of December- 2021.
7	Recruitment of new faculty in order to maintain faculty-student ratio for academic year 2021-2022	IQAC Coordinator suggested all HODs to encourage faculty members to take and complete online courses in Udemy, Coursera or Swayam etc. to enhance their knowledge.
8	Implementation of Career Advancement Scheme (CAS) for the faculty promotions to have better cadre ratio from academic year 2021-2022	Chairperson discussed on Career Advancement Scheme (CAS), the faculty shall be periodically apprised of their performance to facilitate promotions under Career Advancement Scheme

3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator(IQAC)  
COEB

COORDINATOR  
COEB IQAC, BSSR

Principal  
COEB

PRINCIPAL  
College of Engineering Bhubaneswar

Principal  
College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR

### Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2022/-Meeting-2

22/02/2022

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 1<sup>st</sup> March 2022.

Venue: Boardroom

Time: 10:30 AM


Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

#### Agenda:

- 1 Approval of minutes of meeting held on 30th November 2021
- 2 Planning of Social Activities
- 3 Training and placement
- 4 Enhance research participation of undergraduate students across the disciplines by introducing institutional funding for undergraduate research in line with STSP and TTIC
- 5 Teaching and learning activities enhanced with combination of ICT tools and various pedagogies during pandemic
- 6 Conduction of orientation day
- 7 Planning to organize Alumni meet

#### Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

  
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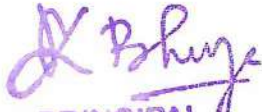
# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 1-03-2022 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick (Trustee)
3	Faculty	1 Dr.J Hussain Auto Prof 2 Dr. Thirumalai Raja Civil Asso Prof 3 Dr. R. Sivakumar ETC Prof 4 Dr. N.K Vadivel Mech Asso Prof 5 Dr. TC Manjunath EE Prof 6 Dr. C.Sunil CSE Asso Prof 7 Dr. Debasmita Samal BS&H Asso Prof 8 Dr.Sadasiv Dash MBA Prof
4	Administrative Representative	1 Nalini Bihari Mohapatra Administrative Director
5	Student	1 Mr. Chandan Malik EE 3rd Year 2 Ms. Pravasini Mishra Mech 3rd Year
6	Alumni	Er. Sudhir Ranjan Swain, Associate Consultant, TCS
7	Industry	Mr. J KMohanty, MD, Milachal Leasing Financials
8	Parent	Rabindra Nath Behera

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

9	Coordinator, IOAC	Dr. Sujit Kumar Khuntia
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## Agenda of the meeting:

- 1 Approval of minutes of meeting held on 30th November 2021
- 2 Planning of Social Activities
- 3 Training and placement
- 4 Enhance research participation of undergraduate students across the disciplines by introducing institutional funding for undergraduate research in line with STSP and TTIC
- 5 Teaching and learning activities enhanced with combination of ICT tools and various pedagogies during pandemic
- 6 Planning to organize METE project expo
- 7 Conduction of orientation day
- 8 Planning to organize Alumni meet

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 30-11-2021 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

Sl no	Discussion topic in IQAC meeting	Action Taken Report
<u>1</u>	Approval of minutes of meeting held on 7th June 2021	The minutes of the previous meeting was approved by the committee members.
<u>2</u>	Planning of Social Activities	Sports Coordinator presented the plan of activities to be organized for the criteria bear like Blood donation and Awareness program etc ..
<u>3</u>	Training and placement	Placement coordinator proposed to conduct training classes for B.Tech III year students. It is resolved to conduct placement pre- assessment tests for final year students.
<u>4</u>	Enhance research participation of undergraduate students across the disciplines by introducing institutional funding for undergraduate research in line with	Chairperson proposed a policy to encourage students to participate and entrepreneur development activities in line with STSP and TUC

  
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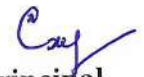
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STSP and TTIC		
<u>5</u>	Teaching and learning activities enhanced with combination of ICT tools and various pedagogies during pandemic	Chairperson suggested that teaching and learning must be enhanced with combination of ICT tools and various pedagogies.
<u>6</u>	Planning to organize METE project expo	IQAC coordinator proposed to conduct project expo in the month of December- 2021.
<u>7</u>	Conduction of orientation day	Chairperson suggested Dean of Academics to conduct orientation Programs for B.Tech students.
<u>8</u>	Planning to organize Alumni meet	Chairperson discussed with the members on feasibility of conducting alumni meet in the month of December.

3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator(IQAC)  
COEB  
  
COORDINATOR  
COEB IQAC, BBSR

  
Principal  
COEB  
PRINCIPAL  
College of Engineering Bhubaneswar

  
PRINCIPAL  
College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2022/-Meeting-3

22/05/2022

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 30<sup>th</sup> May 2022.

Venue: Boardroom

Time: 10:30 AM


Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.


Agenda:

- 1 Confirmation of previous IQAC minutes of meeting and action taken report
- 2 Quality initiatives in various academic units
- 3 Paper Publication Statistics and Research Incentive Policy

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- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 30-05-2022 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick (Trustee)
3	Faculty	1 Dr.J Hussain Auto Prof 2 Dr. Thirumalai Raja Civil Asso Prof 3 Dr. R. Sivakumar ETC Prof 4 Dr. N.K Vadivel Mech Asso Prof 5 Dr. TC Manjunath EE Prof 6 Dr. C.Sunil CSE Asso Prof 7 Dr. Debasmita Samal BS&H Asso Prof 8 Dr.Sadasiv Dash MBA Prof
4	Administrative Representative	1 Nalini Bihari Mohapatra Administrative Director
5	Student	1 Mr. Chandan Malik EE 3rd Year 2 Ms. Pravasini Mishra Mech 3rd Year
6	Alumni	Er. Sudhir Ranjan Swain, Associate Consultant, TCS
7	Industry	Mr. J KMohanty, MD, Milachal Leasing Financials
8	Parent	Rabindra Nath Behera

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

9	Coordinator, IOAC	Dr. Sujit Kumar Khuntia
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## Agenda of the meeting:

- 1 Confirmation of previous IQAC minutes of meeting and action taken report
- 2 Quality initiatives in various academic units
- 3 Paper Publication Statistics and Research Incentive Policy

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 1-03-2022 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

### Item No. 1: Confirmation of previous IQAC minutes of meeting and action taken report

- The Chairperson commenced the meeting by seeking approval for the minutes of the last meeting. The minutes were unanimously approved by all members, ensuring an accurate record of the discussions.

### Item No. 2: Quality initiatives in various academic units

The Dean of IQAC presented the revised format for academic and administration audit, initiating a comprehensive discussion among members.

Valuable suggestions were provided by members, leading to modifications in the audit form to enhance its effectiveness and relevance.

### Conduction of Induction Program for UG First-Year Students

The IQAC committee proposed the conduction of a seven-day induction program for UG first-year students in the current academic year.

It was decided that the first two days would be led by Deans and respective administrative staff, followed by the next five days facilitated by individual departments.

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Training Session on LATEX for Faculty Members

A proposal for a three-day training session on LATEX for faculty members was presented by the IQAC.

Members supported the initiative, recognizing the importance of enhancing technical writing skills among faculty.

### Action Plan for Faculty Development Programs/Seminars/Workshops

The Dean of Strategy Development and Finance proposed an action plan for the conduction of faculty development programs, seminars, and workshops.

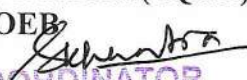
Deans' offices and academic departments were assigned responsibilities for organizing these events, fostering professional development among faculty members.


### Item No. 3: Paper Publication Statistics and Research Incentive Policy


- The Dean of Research and Development presented paper publication statistics for the academic year 2021-2022.
- Members suggested implementing a plagiarism policy for B.Tech projects and approved the update of the research incentive policy to promote a research culture.
- Discussion on the sanctioned seed money for faculties ensued, leading to suggestions for modifying the policy norms for better efficacy.
- These collective actions reflect the commitment of IQAC and its members to continuous improvement, effective governance, and the promotion of a conducive academic environment. The decisions made during the meeting align with the institution's goals of fostering excellence in education and research.

3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator(IQAC)  
COEB  
  
COORDINATOR  
COEB IQAC, BBSR

  
Principal  
COEB  
PRINCIPAL  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR

### Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2022/-Meeting-4

23/07/2022

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 30<sup>th</sup> July 2022.

Venue: Boardroom

Time: 10:30 AM

Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

Agenda:

- 1 Approval of previous minutes
- 2 Revision of Academic and Administrative Audit
- 3 Conduction of induction program
- 4 Training session on LATEX  
Plan of action for conduction of Professional Development/Faculty Development
- 5 Program/Seminars/workshops
- 6 Placements statistics for the academic year, 2021 - 2022
- 7 Publication statistics for the academic year, 2021 - 2022

Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 30-07-2022 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick (Trustee)
3	Faculty	1 Dr.J Hussain Auto Prof 2 Dr. Thirumalai Raja Civil Asso Prof 3 Dr. R. Sivakumar ETC Prof 4 Dr. N.K Vadivel Mech Asso Prof 5 Dr. TC Manjunath EE Prof 6 Dr. C.Sunil CSE Asso Prof 7 Dr. Debasmitta Samal BS&H Asso Prof 8 Dr.Sadasiv Dash MBA Prof
4	Administrative Representative	1 Nalini Bihari Mohapatra Administrative Director
5	Student	1 Mr. Chandan Malik EE 3rd Year 2 Ms. Pravasini Mishra Mech 3rd Year
6	Alumni	Er. Sudhir Ranjan Swain, Associate Consultant, TCS
7	Industry	Mr. J KMohanty, MD, Milachal Leasing Financials
8	Parent	Rabindra Nath Behera

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

9	Coordinator, IOAC	Dr. Sujit Kumar Khuntia
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## Agenda of the meeting:

- 1 Approval of previous minutes
- 2 Revision of Academic and Administrative Audit
- 3 Conduction of induction program
- 4 Training session on LATEX  
Plan of action for conduction of Professional Development/Faculty Development
- 5 Program/Seminars/workshops
- 6 Placements statistics for the academic year, 2021 - 2022
- 7 Publication statistics for the academic year, 2021 - 2022

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 30-05-2022 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

### Item No. 1: Approval of Previous Minutes

- The Chairperson commenced the meeting by seeking approval for the minutes of the last meeting. The minutes were unanimously approved by all members, ensuring an accurate record of the discussions.

### Item No. 2: Revision of Academic and Administration Audit Format

- The Dean of IQAC presented the revised format for academic and administration audit, initiating a comprehensive discussion among members.

Valuable suggestions were provided by members, leading to modifications in the audit form to enhance its effectiveness and relevance.

### Item No. 3: Conduction of Induction Program for UG First-Year Students

- The IQAC committee proposed the conduction of a seven-day induction program for UG

  
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College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

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first-year students in the current academic year.

It was decided that the first two days would be led by Deans and respective administrative staff, followed by the next five days facilitated by individual departments.

## Item No. 4: Training Session on LATEX for Faculty Members

- A proposal for a three-day training session on LATEX for faculty members was presented by the IQAC.

Members supported the initiative, recognizing the importance of enhancing technical writing skills among faculty.

## Item No. 5: Action Plan for Faculty Development Programs/Seminars/Workshops

- The Dean of Strategy Development and Finance proposed an action plan for the conduction of faculty development programs, seminars, and workshops.

Deans' offices and academic departments were assigned responsibilities for organizing these events, fostering professional development among faculty members.

## Item No. 7: Paper Publication Statistics and Research Incentive Policy


- The Dean of Research and Development presented paper publication statistics for the academic year 2021-2022.
- Members suggested implementing a plagiarism policy for B.Tech projects and approved the update of the research incentive policy to promote a research culture.
- Discussion on the sanctioned seed money for faculties ensued, leading to suggestions for modifying the policy norms for better efficacy.
- These collective actions reflect the commitment of IQAC and its members to continuous improvement, effective governance, and the promotion of a conducive academic environment. The decisions made during the meeting align with the institution's goals of fostering excellence in education and research.

3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator(IQAC)

COEB

  
COORDINATOR  
COEB IQAC, BSSB

  
Principal  
COEB

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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR

### Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2022/-Meeting-1

30/09/2022

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 5<sup>th</sup> October 2022.

Venue: Boardroom

Time: 10:30 AM


Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

#### Agenda:

- 1 Approval of previous minutes
- 2 Revamp of academic departments
- 3 Academic bank of credits
- 4 Green audit

#### Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

  
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## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 5-10-2022 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick
3	Faculty	1 Dr. M. Ramakotaiah Civil Asso Prof 2 Dr.G Ramprabu ETC Asso Prof 3 Dr. Srigangadhar Mande Mech Prof 4 Dr. Prakash Chandra Sahu EE Asso Prof 5 Dr. G.Arul Dalton CSE Asso Prof 6 Dr. Santosh Kumar Acharya BS&H Asso Prof 7 Dr.Sasmita Nayak MBA Asso Prof
4	Administrative Representative	Nalini Bihari Administrative Director Mohapatra
5	Student	1 Mr. Ashok Kumar CVL 2nd Year Sahoo 2 Ms. Lopa Bhuyan MBA 3rd Year
6	Alumni	Er. Durg Jyoti Pradhan, Senior Associate, Accenture.
7	Industry	Dr. Biraja Nath CMD Nirmalya Labs Pvt Ltd

  
PRINCIPAL

College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

8	Parent	Judhistir Dhal
9	Coordinator, IOAC	Dr. Subhakanta Nayak,

## Agenda of the meeting:

- 1 Approval of previous minutes
- 2 Revamp of academic departments
- 3 Academic bank of credits
- 4 Green audit

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 30-07-2022 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

## 1: Approval of Previous Minutes

The minutes of the last meeting were unanimously approved by all members, ensuring an accurate record of discussions.

## 2: Revamp of academic departments

- Teaching Learning and Resources (TLR) and Research and Professional Practices (RPC)
- Associate Guides Identification:
  - A proactive step was taken to identify associate guides from other academic institutes for research centers, enhancing collaborative research opportunities.
- Research Work for PG Students:
  - A commitment to ensure that all postgraduate students initiate and complete their research work within stipulated timeframes, fostering a culture of research excellence.
- Collaboration with Top-Ranking Institutes:
  - Initiatives were outlined to collaborate with top-ranking institutes to learn and implement best practices related to research, publications, and projects at our institution.

  
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College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

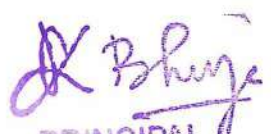
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- Recognition of Guide for Doctorate Faculty:
  - Encouraging eligible faculty members to apply for guide recognition from the university, promoting mentorship and academic guidance.
  - Faculty Recruitment Criteria:
    - Ensuring that faculty recruitment emphasizes Ph.D. qualification and a strong research background, with an average experience of 5 plus years.
    - Timely Completion of Doctoral Studies:
      - A commitment to ensuring that faculty members pursuing doctoral studies complete their dissertation work on time, contributing to academic advancements.
      - Professional Development Allowances (PDA):
        - Introduction of Professional Development Allowances for faculty pursuing Ph.D., recognizing and supporting their academic endeavors.
        - Increasing Research Output:
          - Setting the goal of increasing research output in the form of quality publications (Q1, Q2) and research projects, aiming for a rapid ascent in university rankings.
          - Involvement in Research Activities:
            - Emphasis on the involvement of all faculty members in research activities, with the Dean of Research and Development overseeing this initiative.
            - Profile Updates on Research Platforms:
              - Implementation of a systematic approach to update every staff's Google Scholar, Scopus, and Web of Science profiles in IRINS, a web-based Research Information Management service.
              - Training Programs:
                - Introduction of training programs on research methodologies and Intellectual Property Rights (IPRs) to enhance the research capabilities of faculty members.

### 3. Graduate Outcomes (GO)

- Tracing Higher Studies Options:
  - Implementation of a mechanism to trace students opting for higher studies, creating statistical data to understand and enhance graduate outcomes.
  - Motivation for GATE Exam:

  
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- Motivating students to appear for the GATE exam by reimbursing the exam fees for those obtaining a valid GATE score, promoting excellence in technical education.
- Awareness and Encouragement:
  - Undertaking additional efforts to create awareness and encourage students to pursue higher studies, ensuring a well-rounded educational experience.
  - Enhancing Programming Skills:
    - Initiatives to improve programming skills and problem-solving techniques through tests, training, and curriculum enhancements, enhancing employability in software industries.

#### **4 Outreach and Inclusivity (OI)**

- Increased Publicity:
  - The implementation of strategies to increase the publicity of IARE in other states for student admissions through the B category, fostering outreach and inclusivity.

#### **5. Public Perception (PR)**

- Industry Connect:
  - Establishing a robust connection with industries, fostering partnerships and feedback mechanisms to align curriculum with industry needs.
  - Item No. 3: Implementation of Academic Bank of Credits and Green Audit Initiatives

#### **6 Academic Bank of Credits (ABC):**

- IQAC has initiated the implementation of the Academic Bank of Credits from the academic year 2021-22 onwards, aligning with NAAC guidelines. The institute is registered on the National Academic Depository portal, enhancing transparency and efficiency in credit management.
- Green Audit and Environmental Initiatives:

Regular conduct of green audit, energy audit, and environmental audit with reputable agencies, adhering to guidelines from the National Accreditation Board of Certification Bodies (NABCB) and NAAC. This ensures a sustainable and environmentally responsible approach in institutional practices.



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# COLLEGE OF ENGINEERING BHUBANESWAR

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The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator(IQAC)

COEB

  
COORDINATOR  
COEB IQAC, BBSK

  
Principal  
COEB

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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2023/-Meeting-2

2/01/2023

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 10<sup>th</sup> January 2023.

Venue: Boardroom

Time: 10:30 AM

Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

Agenda:

- 1 Approval of minutes of meetings held on 5<sup>th</sup> October 2022
- 2 Planning of Social activities
- 3 Training and Placement
- 4 Quality Assurance initiatives

Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

  
Principal  
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College of Engineering Bhubaneswar

  
PRINCIPAL  
College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 10-1-2023 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick
3	Faculty	1 Dr. M. Ramakotaiah Civil Asso Prof 2 Dr.G Ramprabu ETC Asso Prof 3 Dr. Srigangadhar Mande Mech Prof 4 Dr. Prakash Chandra Sahu EE Asso Prof 5 Dr. G.Arul Dalton CSE Asso Prof 6 Dr. Santosh Kumar Acharya BS&H Asso Prof 7 Dr.Sasmita Nayak MBA Asso Prof
4	Administrative Representative	Nalini Bihari Administrative Director Mohapatra
5	Student	1 Mr. Ashok Kumar CVL 2nd Year Sahoo 2 Ms. Lopa Bhuyan MBA 3rd Year
6	Alumni	Er. Durg Jyoti Pradhan, Senior Associate, Accenture.
7	Industry	Dr. Biraja Nath CMD Nirmalya Labs Pvt Ltd

  
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College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

8	Parent	Judhistir Dhal
9	Coordinator, IOAC	Dr. Subhakanta Nayak


## Agenda of the meeting:

- 1 Approval of minutes of meetings held on 5 /10/ 2022
- 2 Planning of Social activities
- 3 Training and Placement
- 4 Quality Assurance initiatives

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 5-10-2022 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

SI no	Discussion topic in IQAC meeting	Action Taken Report
<u>1</u>	Approval of minutes of previous meeting	The minutes of the previous meeting was approved by the committee members.
<u>2</u>	Planning of Social activities	Sports Coordinator presented the plan of activities to be organized for the current academic year like Blood donation and Awareness Program etc.
<u>3</u>	Training and Placement	Placement coordinator proposed to conduct training classes on communication skill and aptitude for B-Tech III year Students.
<u>4</u>	Quality Assurance initiatives	Discussed on quality assurance initiatives to be organized events on quality, academic administrative audit, participation in NTRF and Collaboration with other institutions.

  
Dr. Subhakanta Nayak  
Coordinator,  
IOAC  
College of Engineering Bhubaneswar





# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator (IQAC)  
COEB  
  
COORDINATOR  
COEB IQAC, BBSR

  
Principal  
COEB  
PRINCIPAL  
College of Engineering Bhubaneswar

  
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College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2023/-Meeting-3

9/04/2023

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 15<sup>th</sup> April 2023.

Venue: Boardroom

Time: 10:30 AM

Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

### Agenda:

- 1 Welcome address by Chairman, IQAC
- 2 Confirmation of minutes of meeting of last IQAC meeting dated: 10-01-2023
- 3 Action taken report on the decisions taken in last meeting dated: 10-01-2023
- 4 Review of Research and Development activities.
- 5 Review of classes and time table and course coverage.
- 6 Review of the matter of establishment of Centre of Excellence.
- 7 Review of Inviting Eminent Guest speakers from IITs and NITs.
- 8 Review of FDPs attended by Faculties.
- 9 Student Outreach programmes to be conducted.
- 10 Vote of thanks.

### Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

Principal

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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 15-04-2023 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick
3	Faculty	1 Dr. M. Ramakotaiah Civil Asso Prof 2 Dr.G Ramprabu ETC Asso Prof 3 Dr. Srigangadhar Mande Mech Prof 4 Dr. Prakash Chandra Sahu EE Asso Prof 5 Dr. G.Arul Dalton CSE Asso Prof 6 Dr. Santosh Kumar Acharya BS&H Asso Prof 7 Dr.Sasmita Nayak MBA Asso Prof
4	Administrative Representative	Nalini Bihari Mohapatra Administrative Director
5	Student	1 Mr. Ashok Kumar Sahoo CVL 2nd Year 2 Ms. Lopa Bhuyan MBA 3rd Year
6	Alumni	Er. Durg Jyoti Pradhan, Senior Associate, Accenture.
7	Industry	Dr. Biraja Nath CMD Nirmalya Labs Pvt Ltd

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

8	Parent	Judhistir Dhal
9	Coordinator, IOAC	Dr. Subhakanta Nayak

## Agenda of the meeting:

- 1 Approval of minutes of meeting held on 10th January, 2023
- 2 Discussion on curricular and co-curricular activities to be filled and sent by annually to the IQAC
- 3 Discussion on student and alumni feedback analysis report
- 4 Research Proposals
- 5 Discussion on Budget
- 6 Academic Audit

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 10-01-2023 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

Sl no	Discussion topic in IQAC meeting	Action Taken Report
<u>1</u>	Approval of minutes of previous meeting	The minutes of the previous meeting was approved by the committee members.
<u>2</u>	Attainment of course outcomes, program outcomes and program specific outcomes	IQAC coordinator framed the guidelines for attainment of course outcomes, program outcomes and program specific outcomes.
<u>3</u>	Analysis of quality outcomes in terms of quality sustenance and quality enhancement	IQAC coordinator presented impact analysis of quality outcomes in terms of quality sustenance and quality enhancement
<u>4</u>	Placement statistics 2016-2017	Placement coordinator presented placement statistics 2016-2017 and analysis was based on total students, eligible and interested students, companies visited and students placed.

  
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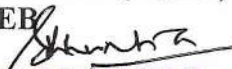


# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

Coordinator (IQAC)  
COEB  
  
COORDINATOR  
COEB IQAC, BBSR

  
Principal  
COEB  
PRINCIPAL  
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# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## CIRCULAR Internal Quality Assurance Cell (IQAC)

Ref No: COEB /IQAC/2023/-Meeting-~~4~~

10/07/2023

All IQAC members are requested to attend the Quarterly IQAC Meeting scheduled for 15<sup>th</sup> July 2023.

Venue: Boardroom

Time: 10:30 AM

Your active participation is crucial for the effective functioning of IQAC. Please make necessary arrangements to attend the meeting.

### Agenda:


- 1 Welcome address by Chairman, IQAC
- 2 Confirmation of minutes of meeting of last IQAC meeting dated: 15-04-2023
- 3 Action taken report on the decisions taken in last meeting dated: 15-04-2023
- 4 Review of Research and Development activities.
- 5 Review of classes and time table and course coverage.
- 6 Review of the matter of establishment of Centre of Excellence.
- 7 Review of Inviting Eminent Guest speakers from IITs and NITs.
- 8 Review of FDPs attended by Faculties.
- 9 Student Outreach programmes to be conducted.
- 10 Vote of thanks.

### Copy to

- 1 All Deans/HODS/Establishment Section
- 2 Office of IQAC
- 3 Administrative officer

  
Principal

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College of Engineering Bhubaneswar

  
PRINCIPAL  
College of Engineering Bhubaneswar



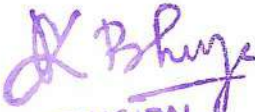
# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

## Minutes of the meeting of Internal Quality Assurance Cell (IQAC)

The meeting of the IQAC of College of Engineering Bhubaneswar (*hereafter referred as COEB*) was held on 15-07-2023 at 10.30 AM in the Boardroom to discuss the issues as per agenda under the chairmanship of Principal, COEB. The following members were present.

Sl no	Category	Name
1	Chairperson	Prof.(Dr) Subrat Kumar Mohanty
2	Management Representative	Mr. Koustuv Mallick
3	Faculty	1 Dr. M. Ramakotaiah Civil Asso Prof 2 Dr.G Ramprabu ETC Asso Prof 3 Dr. Srigangadhar Mande Mech Prof 4 Dr. Prakash Chandra Sahu EE Asso Prof 5 Dr. G.Arul Dalton CSE Asso Prof 6 Dr. Santosh Kumar Acharya BS&H Asso Prof 7 Dr.Sasmita Nayak MBA Asso Prof
4	Administrative Representative	Nalini Bihari Administrative Director Mohapatra
5	Student	1 Mr. Ashok Kumar CVL 2nd Year Sahoo 2 Ms. Lopa Bhuyan MBA 3rd semester
6	Alumni	Er. Durg Jyoti Pradhan, Senior Associate, Accenture.
7	Industry	Dr. Biraja Nath CMD Nirmalya Labs Pvt Ltd

  
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College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

8	Parent	Judhistir Dhal
9	Coordinator, IOAC	Dr. Subhakanta Nayak

## Agenda of the meeting:

- 1 Welcome address by Chairman, IQAC
- 2 Confirmation of minutes of meeting of last IQAC meeting dated: 15-04-2023
- 3 Action taken report on the decisions taken in last meeting dated: 15-04-2023
- 4 Review of Research and Development activities.
- 5 Review of classes and time table and course coverage.
- 6 Review of the matter of establishment of Centre of Excellence.
- 7 Review of Inviting Eminent Guest speakers from IITs and NITs.
- 8 Review of FDPs attended by Faculties.
- 9 Student Outreach programmes to be conducted.
- 10 Vote of thanks.

The meeting started with the welcome address of the chairman of the occasion. Discussion had been carried out as per the above agenda and after discussion the following decisions taken for implementations.

1. The minutes of meeting of last IQAC meeting dated: 15-04-2023 are reviewed and confirmed.
2. The following action taken report was prepared by the IQAC coordinator.

Sl. No	Decision taken	Action taken
1	Discussion about holding regular IQAC yearly meetings.	Implemented in the institute
2	The following roadmap/academic calendar is based On the academic calendar established by the affiliating university.	The academic schedule provided By IQAC has been implemented and programs are running.
3	The following research projects created by various faculties are evaluated and suggested for Submission to the concerned funding organizations.	Faculty is engaged in the aforementioned projects.
4	It is hereby determined that student representatives will participate in decision-making, research and development initiatives, and committees like the Anti-ragging, disciplinary, IQAC, library, and grievance redressal committees.	Steps are being taken at the institute level. Committees formed with student participation.

  
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College of Engineering Bhubaneswar





# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

5	The time table developed by the timetable in-charge for the academic year 2019-20 has been examined and approved for implementation.	Implemented, with the timetable in-charge in charge of ensuring the seamless operation of classes.
6	This resolution requests that a center of excellence be established as soon as feasible at the Gandhi Academy of Technology and Engineering in Berhampur. Let the principal, assign a group of faculties the duty of establishing a center of excellence as soon as possible.	Not yet started.
7	It has been resolved unanimously to invite famous professors from reputed institutes such as IITs, NITs, Institute of Physics, ICAR, IIMs, CET, Universities, or similar reputed institutes or Scientists, retired scientists for guest speaker and IQAC programs.	Five of these programs were held at the institute, enhancing the curriculum there.
8	It has been determined to ask the institute's management or governing body to offer scholarship stop deserving but underprivileged students in order to help them succeed. This must be done through the institute's scholarship committee.	The institute's scholarship committee is handling the situation.
9	Faculty representation at FDPs is evaluated. It is now resolved to have FDPs in the institute as much as feasible, inviting resource persons/educationists from outside. It is also determined that each faculty member at COEB will attend at least two FDPs throughout an academic session.	According to the ruling, faculties are participating.
10	The current educational implementation system is examined. Following careful deliberation, it has been agreed to recommend to the authorities the introduction of outcome-based education in the institute beginning with the 2019-20 academic year.	Steps begun but not fully implemented
11	In order to improve students' managerial skills, it is Hereby determined to involve them in socially responsible activities.	Students participate in community service initiatives

  
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College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR

Plot No 1(A), Chandaka Nucleus Industrial Complex, Patia, Bhubaneswar-751024

3. The meeting ended with a vote of thanks to the chair and members present.

The outcome of meeting will be discussed in next IQAC meeting for necessary corrective actions and remedial steps. IQAC coordinator concluded thanking all the members for their active participation in the discussion.

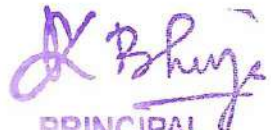
  
Coordinator (IQAC)  
COEB

COORDINATOR  
COEB IQAC BSR

COEB IQAC BSR

  
Principal  
COEB

PRINCIPAL  
College of Engineering Bhubaneswar

  
PRINCIPAL  
College of Engineering Bhubaneswar

COEB



**BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA, ROURKELA**  
(An Affiliating State University of Govt. of Odisha)

**NOTICE**

No.BPUT/ Aff./ 0254

Date: 10/01/2020

**ACADEMIC AUDIT OF AFFILIATED COLLEGES**

Pursuant to provisions of clause 3 of Statute 49 of the BPUT Statutes, 2006, the Principals/Directors of all the affiliated colleges of the University are requested to furnish the Academic Audit Report of their respective institutions to the University for academic year 2017-18 & 2018-19 by 31<sup>st</sup> January, 2020. Those who have submitted with the affiliation documents need not submit again.

The Academic Audit may be carried out at the college level by at least two experts from Research & Development institutes or Professors from Government Academic Institutions / Universities. The year wise Academic Audit Report is to be submitted after due inspection by the experts and as per the proforma attached herewith.

Memo No. 0255 Date: 10.01.2020  
Copy to the OSD to VC for kind information of Hon'ble Vice Chancellor

*[Signature]*  
10-1-2020  
REGISTRAR

Memo No. 0256 Date: 10.01.2020  
Copy to the Information Officer for circulation among all concerned and record.

*[Signature]*  
10-1-2020  
REGISTRAR

*[Signature]*  
10-1-2020  
REGISTRAR

- DOWNLOAD ACADEMIC AUDIT PROFORMA FOR THE YEAR 2017-18
- DOWNLOAD ACADEMIC AUDIT PROFORMA FOR THE YEAR 2018-19

*[Signature]*  
PRINCIPAL  
College of Engineering Bhubaneswar



147

**BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA, ROURKELA**  
(An Affiliating State University of Govt. of Odisha)

No.BPUT/XXIII/CDC/55/2022/5192

Date: 06/09/2022

**NOTICE**

As per Statute 49(3) of BPUT First Statutes – 2006, an institution / college conducting courses under affiliation of the University, shall furnish an academic report, comprising number of lectures, laboratory classes etc. conducted for each subject of a course in each semester, which is mandatory for grant of affiliation.

In view of the above all the Principal / Directors of the affiliated colleges are hereby requested to conduct the academic audit for the year 2021-22 performed by two eminent outside experts preferably in the rank of Professor and submit the report to the University in the prescribed format within seven days for completion of affiliation process 2022-23

This is MOST URGENT .

By Order of Vice Chancellor

  
Registrar


Memo. No. 5192 .. Date : 06/09/2022

Copy to :

1. All the Principals / Directors of Affiliated Colleges for information and necessary action.
2. The Joint Secretary to Government, SD&TE Department, Government of Odisha for kind information.
3. OSD to Vice Chancellor for kind information of the Hon'ble Vice Chancellor.

  
Registrar

Hd. Qrs. : BPUT Campus, Chhend, Rourkela-769 015, Ph. : (0661) 2482556,558,559,560,561,563,564 Fax : (0661) 2482562,  
website : www.bput.ac.in

  
**PRINCIPAL**  
College of Engineering Shubaneswar

National Institutional Ranking Framework  
Ministry of Education  
Government of India

  
PRINCIPAL

College of Engineering Bhubaneswar

# India Rankings 2023: Participated Institutes Engineering

Institution list in alphabetical order

es

Search:

Name	City
------	------

any International Institute of Technology (BRMIIT), Bhubaneswar

ie Of Engineering Damanabhujin

iversity, Odisha Bhubaneswar

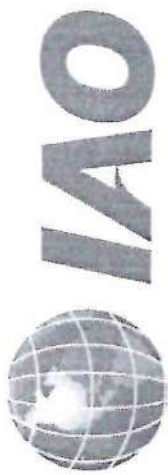
College, (CEC), Mahatapala, Khordha Bhubaneswar

lastic Engineering and Technology (CIPET), Bhubaneswar

ng & Technology, Bhubaneswar

ng (CEB), Bhubaneswar

Khordha



This is to certify that the

### College of Engineering Bhubaneswar

complies with the standards and criteria established by the International Accreditation Organization (IAO) and is hereby granted Candidacy status along with all the services and privileges of regional, national and international professional recognition.

September 08, 2012

Valid Through



Accreditation Committee

TRUE COPY

PRINCIPAL  
College of Engineering Bhubaneswar

# Certificate of Registration



This is to Certify That The Quality Management System of  
**NABADIGANT EDUCATIONAL TRUST**

N-2/17, IRC-VILLAGE, NAYAPALLI, BHUBANESWAR-751015,  
ODISHA, INDIA.

has been audited and conformed to be in accordance  
with the requirements of

## ISO 9001:2015

The Quality Management System is Applicable to :

PROVIDES EDUCATION LEADING TO : **COEB** : B.TECH.,  
M.TECH., MBA, MCA. **KBS** : PGDM, MBA IMBA.  
**KSE** : DIPLOMA IN ENGINEERING. **KIS** : +2 SCIENCE.  
**KIPS** : BBA, BCA. **NIMS** : BJMC, MJMC.  
**KRIMS** : ALLIED MEDICAL SCIENCE COURSES.

Certificate No	: QCS161121	
Initial Registration Date	: 24/11/2021	Issuance Date : 24/11/2021
Date of Expiry	: 23/11/2024	
1st Surve. Due	: 24/10/2022	2nd Surve. Due: 24/10/2023

  
Director



ACCREDITED  
Management Systems  
Certification Body  
MSCB-174



**Aambitious Assessment Pvt. Ltd.**

804, Ashok Bhawan, Building No. 93, Nehru Place, New Delhi - 110 019, India.

e-mail: [info@aapcertification.in](mailto:info@aapcertification.in), website: [www.aapcertification.in](http://www.aapcertification.in)

Certificate Verification: Certificate Validity can be re-checked at [www.aapcertification.in](http://www.aapcertification.in)

This certificate is a property of Aambitious Assessment Pvt. Ltd. and shall be returned immediately when demanded

\*Validity of the certificate is subject to successful completion of surveillance audit on or before due date

# ISO 9001:2015



अखिल भारतीय तकनीकी शिक्षा परिषद  
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
(भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

Dr. (Mrs.) Tabassum Naqvi Haider  
Director – Quality Assurance

NBA/ACCR-919/2007  
July 19, 2008

To

The Principal  
College of Engineering  
Plot No., - 1, Sec. - B,  
C.N. I Complex, Patia,  
Bhubaneswar - 24, Orissa

Sub: Accreditation Status of Programme(s) offered by your Institution.

Dear Sir / Madam:

With reference to your application for accreditation of the following programme(s) and the Expert Committee visit to your institution, the report of the visit team was considered by the various Sectoral Committees and subsequently by the National board of Accreditation in its meeting held on 19.07.2008. Based on the recommendations of the Board, I am pleased to communicate the Accreditation Status of the following programme(s) from your institution.

Sl. No.	Name of UG Programme(s)	Accreditation Status	Period of validity w.e.f. 19.07.2008
1.	Electronics & Telecommunication Engineering	Accredited	3 years
2.	Computer Science & Engineering	Accredited	3 years
3.	Information Technology	Accredited	3 years

(Total number of programmes Accredited vide this letter – Three)

The Accreditation status awarded to the above programmes of your institution does not imply accreditation to the College/Institution as a whole. Complete name of the Programme(s) Accredited and its period of validity, as well as the date from which the award is effective, should be quoted unambiguously whenever and wherever it is used. The accreditation status of the above programmes is subject to periodic review by the NBA Secretariat and will be changed if major deficiencies are identified on surveillance. You are also requested to comply with the mandatory disclosure of pertinent information as per the proforma available in the AICTE website with respect to accredited programmes of your institution. The same information should also appear in the website and information bulletin of your institution clearly indicating the date of publication of the same.

Contd.....2

TRUE COPY

चौथा तल, इस्ट टावर, एन बी सी सी प्लैस, भीष्म पितामाह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003  
4th Floor, East Tower, NBCC Place, Bhisham Pitamaha Marg, Pragati Vihar, Lodhi Road, New Delhi-110003  
EPBAX NO. : 24369619 - 22 वेब/Website : aicte-india.org

PRINCIPAL

College of Engineering Bhubaneswar



# **College of Engineering Bhubaneswar**



## **INTERNAL QUALITY ASSURANCE CELL (IQAC) ANNUAL REPORT 2018-19**

## **MISSION:**

Our mission is to continually enhance and evaluate the standards of our academic, administrative, and environmental aspects to ensure excellence in teaching, learning, and research within our institution.

## **VISION:**

To regularly assess and improve upon our curriculum, extracurricular activities, research initiatives, and administrative procedures, aiming for ongoing advancement. To recognize potential challenges and develop effective solutions through collaboration with both internal and external experts.

## **OBJECTIVES:**

- To provide Catalytic improvement of the Administrative & Academic performance of the College.
- Improving on the performance of quality functioning structure.
- Sharing & digitalizing in the field of Research with Institutions & Industries.

## **FUNCTIONS & RESPONSIBILITIES:**

- Making awareness of quality circles.
- Structuring the activities and different empowerment of the Institution.
- Preparing & submitting the IQAR based on different qualitative aspects.
- Maintaining feedback mechanism for smooth functioning of the Institute with development fields.
- Arranging Institutional Seminars Workshops according to the policy guidelines.
- Documentation of different activities of the Institute towards quality development
- Organizing the Academic & Administrative Audit. According to the quality policy in both developments & Institutions
- Preparing the whole documentation & proof of the documents as required by different Accreditation Organization like NBA,NAAC, IAO,ABET etc.

## **STRATEGIES:**

IQAC shall evolve mechanisms and procedures for

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
- The relevance and quality of academic and research programmes.
- Equitable access to and affordability of academic programmes for various sections of society.
- Optimization and integration of modern methods of teaching and learning.
- The credibility of evaluation procedures.

  
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- Ensuring the adequacy, maintenance and functioning of the support structure and services.

**BENEFITS:**

- For quality enhancement the institution, IQAC has focused on high level of clarity
- Ensure internalization of the quality culture
- Ensure enhancement and coordination among various activities of the institution by maintaining all good practices
- Act as a synergetic system for quality changes in the Institute.
- Well organised methodology of documentation and internal communication are provided to the institution.

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## Quorum:

Attendance of minimum 213rd members including special invited members but excluding the Member coordinator shall constitute the quorum of the meeting.

## Outcomes of activities of IQAC:

- Accreditation: NAAC
- National Ranking Framework
- AICTE Approval for professional courses.
- Feedback from stakeholders
- Promoting Technology Enhanced Learning
- Annual Quality Assurance report

## LEARNING & EVALUATION

- Total 304 numbers of students had taken admission in the College of Engineering Bhubaneswar (**hereafter referred as COEB**) out of 654 sanctioned seats in the academic year 2018-19. In which 96 students are from reserved categories (SC/ST)

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B.TECH COMP. SCI.& ENGG.	UG-1	126	85	10	15	0	101		12	1	0	72	
ELECTRONICS & TELE COMM.	UG-3	60	21	5	7	0	48		2	5	0	14	
ELECTRICAL ENGG.	UG-8	60	15	5	7	0	48		4	2	0	9	
ELECTRICAL & ELECTRONICS ENGG.	UG-4	60	17	5	7	0	48		3	4	0	10	

  
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MECHANICAL ENGG.	UG-5	84	64	7	1 1	0	66		14	6	0	44
CIVIL ENGG.	UG-6	60	48	5	7	0	48		7	4	0	37
AUTOMOBILE ENGG.	UG-7	42	19	3	5	0	34		2	4	0	13
MASTER IN BUSINESS ADMN.	PG-1	42	42	3	5	0	34		11	0	0	31
MASTER IN COMP. APPLICATION	PG-2	42	42	3	5	0	34		5	4	0	33
M.TECH(COMPUTER SC. & ENGG.)	PG-3	13	7	1	2	0	10		0	0	0	7
M.TECH (COMM. SYSTEM)	PG-5	13	6	1	2	0	10		0	0	0	6
M.TECH(HEAT & POWER ENGG.)	PG-6	13	7	1	2	0	10		2	0	0	5
M.TECH(SOIL MECHANICS & FOUNDATION ENGG.)	PG-7	13	10	1	2	0	10		0	1	0	9
M.TECH(STRUCTURAL & FOUNDATION ENGG.)	PG-8	13	12	1	2	0	10		2	0	0	10

  
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M.TECH(POWER SYSTEM ENGG.)	PG-9	13	5	1	2	0	10		1	0	0	4	
TOTAL		654	400	52	81	0	521		65	31	0	304	

The total numbers of under graduate programmers are 07 for the academic year 2018-19.

- Total 117 full time faculty members are associated with this college in the year 2018-19, out of which 60 faculties are PhD holders.
- Teachers were encouraged to adopt ICT tools for efficient teaching mechanism.
- The various Faculty Development Programmes were conducted to upgrade the knowledge of faculty members.
- The attendance percentage of students has been improved. And out of 315 final year students, 291 students have passed the university examination in the year 2018-19.
- The different meetings such as class committee, IQAC, departmental meeting, HoDs meetings, Principal meetings, result meeting were conducted regularly to monitor the progress of the college activities.
- The subjects were allotted to the faculty before the semester begins as per their specialization and experience. The faculty members were then asked to submit the lesson plan, notes and question bank to their concerned HoDs. Each faculty maintains the subject log books, records of daily lectures delivered and practicals conducted. This is reviewed by the HoDs weekly and countersigned by the Principal monthly. Internal tests are conducted for the students and their results are analyzed.

Based on the results, the following remedial measures are taken:

1. Guiding the students on the preparation and presentation skills during exams.
2. Arranging tutorial classes.
3. Conducting special coaching classes for slow learners.
4. Conducting additional tests.
5. Offering counsel to the students.
6. Encouraging the students to attend workshops, conferences and seminars,
7. Providing references materials.

  
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The effectiveness of the Teaching –Learning Process is reviewed regularly as the following:

1. Students Feedback
2. Results of Internal Tests
3. End semester Results

### CURRICULAR ASPECTS

A number of Add on Course are offered during this financial year

Name of Add on /Certificate programs offered	Course Hours	Students enrolled	Students Passed
Structural System Fundamentals (3rd Sem. Automobile Engg.)	40	20	20
Fuels and Combustion (5th Sem. Automobile Engg.)	40	16	15
Modern Fuels and Alternatives to IC Engine (7th Sem. Automobile Engg.)	40	9	8
Earth Science for Civil Engineering (3rd sem. CE)	36	57	54
Introduction To Engineering Seismology (5th sem. CE)	38	64	60
Water Economics And Governance (7th sem. CE)	40	82	80
Problem Solving Skills (3rd Sem. CSE)	36	100	97
Block Chain Technology and Application (5th Sem. CSE)	40	108	105
Data Science (7th Sem. CSE)	40	66	63
Fundamentals of Domestic Appliances (3rd Sem. EE)	38	21	18
Applied System Theory (5th Sem. EE)	40	82	79
Mastering MATLAB through guided problem solving (7th Sem. EE)	40	131	128

  
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Fundamentals of Domestic Appliances(3rd Sem. EEE)	38	10	9
Applied System Theory (5th Sem. EEE)	40	36	35
Mastering MATLAB through guided problem solving (7th Sem. EEE)	40	65	64
PCB Design (3rd Sem. ETC)	42	28	25
Advances and challenges in Telecommunication (5th Sem. ETC)	40	23	20
Machine Learning Algorithms for Communication (7th Sem. ETC)	30	27	23
Advanced Welding Techniques (3rd Sem. ME)	40	76	72
Smart Manufacturing for Industry 4.0 (5th Sem. ME)	40	76	72
Boiler Safety (7th Sem. ME)	40	65	64
Search Engine Optimization (1st Sem. MCA)	36	40	38
Django and DRF Framework (3rd Sem. MCA)	36	41	38
Auditing Theory & Practice (1st Sem. MBA)	36	42	40
E-CRM (1st Sem. MBA)	36	42	40
Corporate Grooming and Interview Preparation (B. Tech. Ist Sem_Sc&H)	40	257	249

  
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Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website.

### RESEARCH, INNOVATION AND EXTENSION

A grant of 1,047,400 /- received from Government and non-government agencies for research projects /endowments in the institution during the year 2018-19.

Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Dr. Srinivasan Kumar	Civil Engineering	2018-2019	204000	7 Months	Nirmana Promoters & Builders Pvt. Ltd.	non-Government
Dr. N. Veda Kumar	Electrical Engineering	2018-2019	322000	6 Months	Project Point	non-Government
Dr. G. S. S. Rao	Computer Science and Engineering	2018-2019	267890	8 Months	Edu Skills	non-Government
Dr. Sunita Satapathy	Master of Computer Application	2018-2019	248550	7 Months	Koustuv Systems Pvt. Ltd	non-Government

- The faculty members were motivated to publish research articles/ papers in referred journals notified on UGC care and in national/ international conference proceedings. **205** papers in journals and **200** papers in national/ international conference proceedings by the faculties in the year 2018-19.

  
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## SOCIAL ACTIVITY

- Extension activities were organized to inculcate the social responsibility of the students. In different industry, community, and Non- Government Organizations through NSS/ NCC etc., during the year 2018-19.

Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Number of students participated in such activities
Village cleaning at Siula Village	NSS unit of COEB	Swaach Bharat Abhiyaan	35
Blood Donation Camp	NSS unit of COEB & Youth Red Cross Society of India	Samaj Seva	42
Save Girl Child programme at Lingipur Village	NSS unit of COEB for women empowerment in Bhubaneswar	Beti Bachao, Beti Padhao	28
Cancer Awareness Program at Balakati Village	NSS unit of COEB for cancer awareness in Bhubaneswar	Jagruti	41

  
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Plantation Programme at Mancheswar village	NSS unit of COEB	Samaj Seva	28
AIDS Awareness at Arilo	NSS unit of COEB	HIV/AIDS Prevention	52
oldage care at khusiyon ka ghar	NSS unit of COEB	samaj Seva	26
Gender Issues Awareness	NSS unit of COEB	jagruti	69
Mental health Awareness with art of Joyful living	NSS unit of COEB	Jagruti	28
Work shop on cyber safety and security at Baliana	NSS unit of COEB	Jagruti	42
dengue awareness at srivandpur	NSS unit of COEB	Jagruti	67


  
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Village cleaning at Ekachalia Village	NSS unit of COEB	Swaach Bharat Abhiyaan	28
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## STUDENT SUPPORT AND PROGRESSION

- A number of students benefited by scholarships and free ships provided by the institution, government and non-government bodies, industries, individuals and philanthropists during the year 2018-19.

Name of the scheme	Government/Non-government	Name of the individual/organisation	Number of students benefited	Amount (in INR)
Post Matric Scholarship	Government	State Government of Odisha	191	21520100
NABADIGANT EDUCATIONAL TRUST SCHOLARSHIP (For Financially Weaker students)	Non-government	NABADIGANT EDUCATIONAL TRUST	573	5730000
NABADIGANT EDUCATIONAL TRUST SCHOLARSHIP (For Meritorious students)	Non-government	NABADIGANT EDUCATIONAL TRUST	107	1070000

  
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## SOFT SKILL PROGRAMMES

- Various Induction Programs, Soft skill programs, Language and Communication skill based workshops, Life skill training, ICT / computing skill programs were organized to improve the capacity development and skills enhancement activities of the students.

Name of the Capability Enhancement Programme	Date of implementation	Number of students enrolled	Name of the agencies /consultant involved with contact details
Life skill programme on "Creative Thinking: Techniques and tools for success"	11/12/19 to 12/12/19	72	Mr. Pinaki Dash, Vivekananda Skill Development Center, Saheed Nagar, Bhubaneswar
Soft skill workshop on "People and soft skill assessment"	07/01/20 to 08/01/20	64	Mr Jyoti Ranjan, Masters of Management, I.R.C Village Bhubaneswar
ICT/ computing skill workshop on "Artificial Intelligence and current scenario"	03/02/20 to 08/02/20	80	Mr Jyoti Ranjan, Techmind Academy, Nayaplli, Bhubaneswar
ICT/ computing skill workshop on "Integrating Big Data and cloud"	10/02/20 to 15/02/20	91	Mr.Amit Sha, Techmind Academy, Nayaplli, Bhubaneswar
Soft skill workshop on "Team Building and Collaboration"	19/02/20 to 20/02/20	73	Mr.Akash Jha, Masters of Management, I.R.C Village Bhubaneswar
Communication Skill workshop on "Assertive Behaviour"	24/02/20 to 25/02/20	62	Mr.Narayan Jena, The Elite Foundation, Old Town, Bhubaneswar
Life skill programme on "Anger Management"	27/02/20 to 28/02/20	56	Mr. Manav Roy, Vivekananda Skill Development Center, Saheed Nagar, Bhubaneswar
Language and communication Skill programme on "Verbal and Non-verbal communication"	02/03/20 to 03/03/20	64	Mr.Narayan Jena, The Elite Foundation, Old Town, Bhubaneswar
Yoga and Meditation Classes for Life Skill	09/03/20 to 13/03/20	94	Mr.Vikash Kumar, Om Studio Yoga Center, Chandrasekharpur, Bhubaneswar

- Total 216 students are benefitted by guidance for competitive examinations and career counseling offered by the Institution during the year 2018-19..
- Remedial classes were conducted for slow learners.


  
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- Student association, clubs, committees organized various programs to widen their exposure in various fields.
- The major grievances such as extension of library hours need for cultural events and so on were addressed and needful actions were taken and rectified immediately.
- Our students received awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level .

## SPORTS ACTIVITY

The students of COEB were victorious in different sports activity

s.No	Name of the award/ medal	Team / Individual	Level of competition (University / State / National / International)	Nature of competition (Sports / Cultural)	Name of the student(s)
1	State level Cricket Tournament , Krupajal Engineering College ,BBSR, Runners Up	Team	State	Sports (Cricket )	1.Asutosh Behera 2.Rakesh Ku.Malik 3.Amit Kumar 4.Amaresh Ga 5.Bikash Ku.Yadav 6.Pratik Mansingh 7.Rohan Beher 8.Dibyajyoti Swain 9.Debasish Pat 10.Jagdish Sahoo 11.Bibhuti Set 12.Omkarnath Khilar
2	State level Kabadi Tournament. Gandhi Institute For Technology. BBSR Champion	Team	State	Sports(Kabadi)	1.Aman Nikhil Topno 2.Chandan Kumar Swain 3.Debasish Da 4.Chandan sasmal 5.Ramesh Bag

  
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					6.Mantu Nayal 7.Rudrakant Nayak 8.Sitakanta sahuo 9.Aniket Tripathy 10.padman san
3	University level Kho- Kho Tournament. Konark Institute Of Science & Technology.BBSR. 2nd Runners Up	Team	University	Sports ( Kho- Kho )	1.Sayub Ansar 2.Arun Kumar Mishra 3.Debasis Jena 4.Swaraj Samantaray 5.Kumar Amar 6.Sandeep Bar 7.Saluka Sundi 8.Prasanta Patr 9.Manas Purtty 10.Vikash Kumar 11.SK Ziauddin 12.Balaram Ganda
4	State level Basket Ball Championship Aryan Institute of Engineering and Technology.BBSR Runners Up	Team	State	Sports ( Basket Ball )	1.Padman Harijan 2.Manash Ranjan 3.Jagdish Saho 4.Deepak Kum 5.Neheru lal Ram 6.Rakesh Pradhan 7.Pratik Kumar Sahoo 8.Dhanpati Majhi
5	State level Athletic Meet. Rajdhani Engineering College .BBSR 2nd Prize	Individual	State	Sports ( Athletic )400mtr.	Upendra Sahu


  
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6	University level Group Song Competition, Gandhi Institute For Technology ,BBSR Champion	Team	University	Cultural ( Group Song )	1. Shalini 2. Jyotirmayee Malik 3. Manshi Bariyar 4. Priyanka Mahanty 5. Sneha Sinha 6. Neha Dash 7. Rasmirekha Behera 8. Neha Kumar
7	State level Hindi Drama Competition , Rajdhani Engineering College, BBSR Champion	Team	State	Cultural ( Hindi Drama )	1. Sayub Ansar 2. Sujeet Patel 3. sanjeet Shika 4. Soumyakanta Patra 5. B. Jimmy Raja..
8	State level Debate Competition , The Eastern Academy of Science and Technology 2nd position	Individual	State	Cultural ( Debate )	Tokan Behera
9	University level Quiz Competition , Gandhi Institute For Technology, BBSR. 2nd Prize	Team	University	Cultural ( Quiz )	1. Badal Kumar Mahapatra 2. Asif Khan
10	University level Volley Ball Tournament , Hi-Tech Institute of Technology , BBSR. Runners Up	Team	University	Volley ball	1. Saroj Kumar Nayak 2. Nishi Tirkey 3. Amir Hamza 4. Kamala Garanayak 5. Manish Prasad Mishra 6. Aman Srivastav 7. Krishnasish Behera 8. Atik ragib Khan 9. Promad Ku. Jena 10. Pravat Ku. mallick

  
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11	University level Kabadi Tournament. NM Institute Of Engineering & Technology.BBSR. Champion	Team	University	Sports ( Kabadi)	1.Digambar Biswal 2.Anil Kumar Meher 3.Jitendra Behera 4.Kumar Soura 5.rakesh Rath 6.Ashish Goutam 7.Biswajit sam 8.Digbijaya De 9.Saroj Ku. Nayak
12	State level Song Competition , Gandhi Institue For Engineering & Technology,BBSR. Participation	Individual	State	Cultural (Song )	Pratik Mansing
13	State level Chess Championship Rajdhani Engineering College.BBSR Participation	Individual	State	Sports ( Chess )	Siba Prasad Chaudhary
14	State level Dance solo Competition Gandhi Institute For Technology, BBSR Participation	Individual	State	Cultural ( Dance)	priyanka Mohanty
15	State level carom Competition Suddhananda Engineering And Research Centre.BBSR. Participation	Individual	State	Sports ( Carrom )	Sasankh Raj
16	State level Quiz Competition , Indus College Of Engineering, BBSR Participation	Team	State	Cultural (Quiz)	1.Ramesh Bag 2.Sneha Sinha
17	State level Chess Competition Aryan Institute of Engineering and Technology, BBSR Participation	Individual	State	Cutural	Sangita Mishra


  
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## GOVERNANCE, LEADERSHIP AND MANAGEMENT


- Attending Spoken Tutorial, Open Source Certification courses is treated as mandatory to enable the students to become industry ready.
- The vision and mission statement focuses on providing quality education which enables the learners to be globally competent, socially responsible and ethically desirable. In order to materialize the same, the institution gives the learners a good infrastructure and recruits committed teachers who are sincere about serving the learning community with necessary knowledge, skills and expertise. All the academic programmes and research initiatives of the institution aim at making the students cater to the needs of the society.

## INSTITUTIONAL VALUES AND BEST PRACTICES

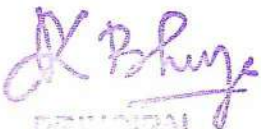
- Initiatives taken by the institution to make the campus eco-friendly. The college campus is totally eco-friendly. For this the Management, the head of the institution and the whole staff are committed and they are working towards it. The institution has also taken several other steps/initiatives to make the campus eco-friendly. Energy Conservation, use of renewable energy, Rain Water Harvesting, Efforts of Carbon neutrality, Tree Plantation and E-waste Management.
- SWOC (Strength, Weakness, Opportunity and Challenges) analysis has been done continuously.
- The internship and in-plant training have been practiced.
- This year according to best practice measures 1558 nos of students are mentored by 78 nos of mentors.

  
Coordinator (IQAC)  
College of Engineering Bhubaneswar

COORDINATOR  
COEB IQAC, BBSR

  
Principal  
College of Engineering Bhubaneswar

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ELECTRONICS & TELECOM M.	UG-3	60	29	5	7	0	48		2	4	0	23	
ELECTRICAL ENG G.	UG-8	60	31	5	7	0	48		4	7	0	20	
ELECTRICAL	UG-4	60	11	5	7	0	48		0	0	0	11	


  
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AL & ELEC TRON ICS ENG G.												
MEC HANI CAL ENG G.	UG-5	84	46	7	11	0	66		8	2	0	36
CIVIL ENG G.	UG-6	60	58	5	7	0	48		15	13	0	30
AUTO MOBI LE ENG G.	UG-7	42	20	3	5	0	34		3	4	0	13
MAST ER IN BUSI NESS ADM N.	PG-1	42	42	3	5	0	34		13	3	0	26
MAST ER IN COM P.APP LICA TION	PG-2	42	37	3	5	0	34		4	2	0	31
M.TE CH(C OMP UTER SC. & ENG G.)	PG-3	13	1	1	2	0	10		0	0	0	1
M.TE CH (COM M. SYST EM)	PG-5	7	0	0	1	0	6		0	0	0	0
M.TE CH( HEAT	PG-6	7	3	0	1	0	6		0	0	0	3

  
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& POWER ENG G.)													
M.TE CH(S OIL MEC HANI CS & FOUN DATI ON ENG G.)	PG-7	13	5	1	2	0	10		1	0	0	4	
M.TE CH(S TRUC TURA L & FOUN DATI ON ENG G.)	PG-8	13	6	1	2	0	10		1	3	0	2	
M.TE CH(P OWE R SYST EM ENG G.)	PG-9	13	3	1	2	0	10		1	1	0	1	
<b>TOTAL</b>		<b>642</b>	<b>393</b>	<b>50</b>	<b>79</b>	<b>0</b>	<b>513</b>		<b>65</b>	<b>39</b>	<b>0</b>	<b>289</b>	

- The total numbers of under graduate programmers are 07 for the academic year 2019-20.
- Total 122 full time faculty members are associated with this college in the year 2019-20, out of which 67 faculties are PhD holders.
  - Teachers were encouraged to adopt ICT tools for efficient teaching mechanism.
  - The various Faculty Development Programmes were conducted to upgrade the knowledge of faculty members.
  - The attendance percentage of students has been improved. And out of 376 final year students, 342 students have passed the university examination in the year 2019-20.

  
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- The different meetings such as class committee, IQAC, departmental meeting, HoDs meetings, Principal meetings, result meeting were conducted regularly to monitor the progress of the college activities.
- The subjects were allotted to the faculty before the semester begins as per their specialization and experience. The faculty members were then asked to submit the lesson plan, notes and question bank to their concerned HoDs. Each faculty maintains the subject log books, records of daily lectures delivered and practicals conducted. This is reviewed by the HoDs weekly and countersigned by the Principal monthly. Internal tests are conducted for the students and their results are analyzed.

Based on the results, the following remedial measures are taken:

1. Guiding the students on the preparation and presentation skills during exams.
2. Arranging tutorial classes.
3. Conducting special coaching classes for slow learners.
4. Conducting additional tests.
5. Offering counsel to the students.
6. Encouraging the students to attend workshops, conferences and seminars,
7. Providing references materials.

The effectiveness of the Teaching –Learning Process is reviewed regularly as the following:

1. Students Feedback
2. Results of Internal Tests
3. End semester Results


### CURRICULAR ASPECTS

The following add on course are provided during this year.

Name of Add on /Certificate programs offered	Course Hours	Students enrolled	Students Passed
Structural System Fundamentals (3rd Sem. Automobile Engg.)	40	19	18
Fuels and Combustion (5th Sem. Automobile Engg.)	40	21	21
Modern Fuels and Alternatives to IC Engine (7th Sem. Automobile Engg.)	40	16	15

  
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Earth Science for Civil Engineering (3rd sem. CE)	36	55	52
Introduction To Engineering Seismology (5th sem. CE)	38	44	41
Water Economics And Governance (7th sem. CE)	40	52	49
Problem Solving Skills (3rd Sem. CSE)	36	100	96
Block Chain Technology and Application (5th Sem. CSE)	40	85	83
Data Science (7th Sem. CSE)	40	100	97
Fundamentals of Domestic Appliances (3rd Sem. EE)	38	40	34
Applied System Theory (5th Sem. EE)	40	28	23
Mastering MATLAB through guided problem solving (7th Sem. EE)	40	21	17
Fundamentals of Domestic Appliances(3rd Sem. EEE)	38	10	8
Applied System Theory (5th Sem. EEE)	40	15	12
Mastering MATLAB through guided problem solving (7th Sem. EEE)	40	10	8
PCB Design (3rd Sem. ETC)	42	29	26
Advances and challenges in Telecommunication (5th Sem. ETC)	40	21	18
Machine Learning Algorithms for Communication (7th Sem. ETC)	30	31	27
Advanced Welding Techniques (3rd Sem. ME)	40	46	44
Smart Manufacturing for Industry 4.0 (5th Sem. ME)	40	76	74
Boiler Safety (7th Sem. ME)	40	64	62

  
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Search Engine Optimization (1st Sem. MCA)	36	40	38
Django and DRF Framework (3rd Sem. MCA)	40	37	36
International Accounting (1st Sem. MBA)	36	41	40
Public Relation (1st Sem. MBA)	36	41	40
Corporate Grooming and Interview Preparation (B.Tech. Ist Sem_Sc&H)	40	296	288

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website.

### RESEARCH, INNOVATION AND EXTENSION

A grant of 1042440 /- received from Government and non-government agencies for research projects /endowments in the institution during the year 2019-20.

Project name	Principal Investigator/ Co-investigator	Department of PI	Amount Sanctioned	Duration (Months)	Name of the Funding Agency	Type (Government/non-Government)
Research Project on design and development of Raspberry Pi based wheelchair for safety	Dr. G. RamPrabu	ETC	220,000	7	Nina Solar	non-Government
Study of mechanical and thermal properties of calotropis gigantea reinforced polypropylene and red mud hybrid composites for construction application	Dr. Subhakanta Nayak	ME	281000	8	Aryan Infra Projects Limited.	non-Government

  
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Role of lignosulphonate towards strength improvement of expansive clay	Dr. E Krishan Ready	CVL	245000	7	Konark Cement and Asbestos Pvt. Ltd.	non-Government
Digital Health Advisory System for Chronic Respiratory Diseases	Dr. Sambasiva Rao Pedapudi	CSE	301400	8	Nabakishore Health Care Pvt. Ltd.	non-Government

- The faculty members were motivated to publish research articles/ papers in referred journals notified on UGC care and in national/ international conference proceedings. 205 papers in journals and 207 papers in national/ international conference proceedings by the faculties in the year 2019-20.

### SOCIAL ACTIVITY

- Extension activities were organized to inculcate the social responsibility of the students. Total 6 Numbers of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., during the year 2019-20.

Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Year of the activity	Number of students participated in such activities
Awareness program on COVID-19 at Matiapada Village	NSS unit of COEB	Samaj Seva	2019-2020	42
Relief work on cyclone AMPHAN at Bishnupur Village	NSS unit of COEB & Robinhood Army, Bhubaneswar	Samaj Seva	2019-2020	36
Food distribution during COVID-19 pandemic in Nahala Village	NSS unit of COEB	Jagruti	2019-2020	27
Medicine distribution during COVID-19 pandemic at	NSS unit of COEB & Robinhood Army, Bhubaneswar	Samaj Seva	2019-2020	23

  
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Gobindpur Village				
National Voluntary Blood Donor Day at Sookhana Bhaban	NSS unit of COEB & Youth Red Cross Society of India	Samaj Seva	2019-20	68
Distribution of masks and sanitizers at Patelikuda Village	NSS unit of COEB	Jagruti	2019-2020	31

### STUDENT SUPPORT AND PROGRESSION

- A Number of students benefited by scholarships and free ships provided by the institution, government and non-government bodies, industries, individuals and philanthropists during the year 2019-20.

Name of the scheme	Government/Non-government	Name of the individual/organisation	Number of students benefited	Amount (in INR)
Post Matric Scholarship	Government	State Government of Odisha	221	15066100
NABADIGANT EDUCATIONAL TRUST SCHOLARSHIP (For Financially Weaker students)	Non-government	NABADIGANT EDUCATIONAL TRUST	633	6330000


  
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NABADIGANT EDUCATIONAL TRUST SCHOLARSHIP (For Meritorious students)	Non-government	NABADIGANT EDUCATIONAL TRUST	147	1470000
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### SOFT SKILL PROGRAMME

- Various Induction Programs, Soft skill programs, Language and Communication skill based workshops, Life skill training, ICT / computing skill programs were organized to improve the capacity development and skills enhancement activities of the students.

Name of the Capability Enhancement Programme	Date of implementation	Number of students enrolled	Name of the agencies /consultant involved with contact details
Life skill programme on "Creative Thinking: Techniques and tools for success"	22/12/18 to 24/12/18	72	Mrs Shrabani Ghosh, Vivekanada Skill Development Center, Saheed Nagar, Bhubaneswar
Soft skill workshop on "People and soft skill assessment"	28/12/18 to 29/12/18	61	Mrs Shrabani Ghosh, Masters of Management, I.R.C Village, Bhubaneswar
ICT/ computing skill workshop on "Artificial Intelligence and current scenario"	07/01/19 to 12/01/19	91	Mr. Ashutosh padhi, Techmind Academy, Nayaplli, Bhubaneswar
Soft skill workshop on "Team Building and Collaboration"	17/01/19 to 18/01/19	70	Mr. Anand Mishra, Masters of Management, I.R.C Village, Bhubaneswar
ICT/ computing skill workshop on "Integrating Big Data and cloud"	28/01/19 to 02/02/19	101	Mr. Biswaranjan Panigrahi, Techmind Academy, Nayaplli, Bhubaneswar

  
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Communication Skill workshop on "Assertive Behaviour"	04/02/19 to 05/02/19	85	Mr.Khitish Raj, The Elite Foundation, Old Town, Bhubaneswar
Life skill programme on "Anger Management"	11/02/19 to 12/02/19	67	Mr.Anand Mishra, Vivekanada Skill Development Center, Saheed Nagar, Bhubaneswar
Yoga and Meditation Classes for Life Skill	18/02/19 to 22/02/19	95	Mr.Khitish Raj, Om Studio Yoga Center, Chandrasekharpur, Bhubaneswar
Language and communication Skill programme on "Verbal and Non-verbal communication"	12/03/19 to 13/03/19	67	Mr.Ravi Joshi, The Elite Foundation, Old Town, Bhubaneswar

- Total 251 students are benefitted by guidance for competitive examinations and career counseling offered by the Institution during the year 2019-20..
- Student association, clubs, committees organized various programs to widen their exposure in various fields.
- The major grievances such as extension of library hours need for cultural events and so on were addressed and needful actions were taken and rectified immediately.
- Our students received awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level .

### SPORTS ACTIVITY

- A number of Students were victorious in different sports activities.

Name of the award/ medal	Team / Individual	Level of competition (University / State / National / International)	Nature of competition (Sports / Cultural)	Name of the student(s)
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University level Foot ball Tournament Rajdhani Engineering College,BBSR, 1st Runners up	Team	University	Sports (FootBall )	1.Pravat Ranjan Panda 2.Amir Hamza 3.Papu Behera 4.Atik Ragib Khan 5.Akasha Naik 6.Amrit Pritam 7.Pratik Kumar Kar 8.Asutosh Pati 9.MD. Zaid 10.Aviral Bhardwaj. 11.Avay Kumar 12.Krushna kanta
State level Cricket Tournament, Gandhi Institute For Education & Technology.BBSR. Champion	Team	State	Sports(Cricket)	1.Abhisek Dhal 2.Badri Prasad Sathpathy 3.Anup Ku.Lenka 4.Asutosh Samal 5.Barun Naik 6.Kaliprasad Sathpathy 7.Prabhu prasad Parida 8.Badal Swain 9.Seepak Kumar 10. Subhajeet Nayak 11.Manoj Kumar Mallick

  
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				12.Priyanshu Sekhar Nayak
State level Carrom Doubles Tournament. Indus College Of Engineering.BBSR Runners Up	Team	State	Sports ( Carrom )	1.Surakshya Swain 2.Soubhagya Kund
State level Table Tennis Championship. Nalanda Institute of Technology .BBSR Champion	Individual	State	Sports ( TT )	Nikhil Edison Sumada
State level Athletic Meet . Aryan Institute of Engineering and Technology.BBSR. 1st Position	Individual	State	Sports ( Athletic )long jump	1.Sudip Das
State level Slow cycle Race , Indus College of Engineering , BBSR, 1st Position	Individual	State	Sports ( Slow Cycle )	1.Gobinda Prasad mahapatra
University level Group Dance Competition , Mahavir Institute of Engineering and Technology , BBSR 1st Position	Team	University	Cultural ( Group Dance )	1.Sukriti Pradhan 2.Apoorba ku. Jena 3.Purnima Bankia 4.Rajkumar Giri 5.Devesh Kumar 6.Soudamini Behera 7.Priya Kumari

  
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				Singh 8.Rajat Dixit
State level spot Painting Competition , The Modern Institute of Technology and Management, BBSR 2nd Position	Individual	State	Cultural ( spot Painting )	Ardhendu Sekhar Behera
University level Classical Dance ( Solo ), Konark Institute of Science and Technology ,BBSR 3rd Position	Individual	University	Cultural ( Classical Dance )	Baisakhi Behera
State level Song Competition , Krupajal Engineering College,BBSR. Participation	Individual	State	Cultural (Song )	Ananya Dhar
State level Chess Championship . Rajdhani Engineering College.BBSR Participation	Individual	State	Sports ( Chess )	Ankit Kumar
State level Dance solo Competition, Konark Institute of Science and Technology Participation	Individual	State	Cultural ( Dance)	Ipsita Samal
State level carrom Competition . Nalanda Institute of Technology.BBSR. Participation	Individual	State	Sports ( Carrom )	Anup Kumar Lenka
State level Quiz Competition , Mahavir Institute of Engineering and Technology, BBSR Participation	Team	State	Cultural (Quiz)	1.Badal Swain 2.Barun Nayak

  
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State level Karate Championship , Krupajal Engineering College ,BBSR, Participation	Individual	State	Sports(Sports )	Sushil Kumar Rout
University level Mix Double Badminton Tournament, Gandhi Institute For Technology,BBSR Participation	Team	University	Sports ( Mix Dubble)	1.Bishal Dehuri 2.Karisma rath 3.Kunal kapoor 4.Gayatri Singh
University level Rangoli Competition, Hi-Tech Institute Of Technology,BBSR	Individual	University	Cultural	Ayesha Swain


### GOVERNANCE, LEADERSHIP AND MANAGEMENT

- Attending Spoken Tutorial, Open Source Certification courses is treated as mandatory to enable the students to become industry ready.
- The vision and mission statement focuses on providing quality education which enables the learners to be globally competent, socially responsible and ethically desirable. In order to materialize the same, the institution gives the learners a good infrastructure and recruits committed teachers who are sincere about serving the learning community with necessary knowledge, skills and expertise. All the academic programmes and research initiatives of the institution aim at making the students cater to the needs of the society.


### INSTITUTIONAL VALUES AND BEST PRACTICES

- Initiatives taken by the institution to make the campus eco-friendly. The college campus is totally eco-friendly. For this the Management, the head of the institution and the whole staff are committed and they are working towards it. The institution has also taken several other steps/initiatives to make the campus eco-friendly. Energy Conservation, use of renewable energy, Rain Water Harvesting, Efforts of Carbon neutrality, Tree Plantation and E-waste Management.
- SWOC (Strength, Weakness, Opportunity and Challenges) analysis has been done continuously.
- The internship and in-plant training have been practiced
- This year according to best practice measures 1389 nos of students are mentored by 75 nos of mentors.

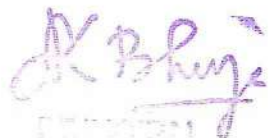
  
**PRINCIPAL**  
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Coordinator (IQAC)  
College of Engineering Bhubaneswar

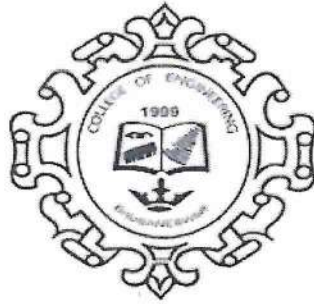
COORDINATOR  
COE BBSR

  
Principal  
College of Engineering Bhubaneswar

PRINCIPAL  
College of Engineering Bhubaneswar

  
PRINCIPAL  
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# **College of Engineering Bhubaneswar**



## **INTERNAL QUALITY ASSURANCE CELL (IQAC) ANNUAL REPORT 2021-22**

## **MISSION:**

Our mission is to continually enhance and evaluate the standards of our academic, administrative, and environmental aspects to ensure excellence in teaching, learning, and research within our institution.

## **VISION:**

To regularly assess and improve upon our curriculum, extracurricular activities, research initiatives, and administrative procedures, aiming for ongoing advancement. To recognize potential challenges and develop effective solutions through collaboration with both internal and external experts.

## **OBJECTIVES:**

- To provide Catalytic improvement of the Administrative & Academic performance of the College.
- Improving on the performance of quality functioning structure.
- Sharing & digitalizing in the field of Research with Institutions & Industries.

## **FUNCTIONS & RESPONSIBILITIES:**

- Making awareness of quality circles.
- Structuring the activities and different empowerment of the Institution.
- Preparing & submitting the IQAR based on different qualitative aspects.
- Maintaining feedback mechanism for smooth functioning of the Institute with development fields.
- Arranging Institutional Seminars Workshops according to the policy guidelines.
- Documentation of different activities of the Institute towards quality development
- Organizing the Academic & Administrative Audit. According to the quality policy in both developments & Institutions
- Preparing the whole documentation & proof of the documents as required by different Accreditation Organization like NBA,NAAC, IAO,ABET etc.

## **STRATEGIES:**

IQAC shall evolve mechanisms and procedures for

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
- The relevance and quality of academic and research programmes.
- Equitable access to and affordability of academic programmes for various sections of society.
- Optimization and integration of modern methods of teaching and learning.

  
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- The credibility of evaluation procedures.
- Ensuring the adequacy, maintenance and functioning of the support structure and services.

**BENEFITS:**

- For quality enhancement the institution, IQAC has focused on high level of clarity
- Ensure internalization of the quality culture
- Ensure enhancement and coordination among various activities of the institution by maintaining all good practices
- Act as a synergetic system for quality changes in the Institute.
- Well organised methodology of documentation and internal communication are provided to the institution.

**Some of the Functions expected of the IQAC are:**

- Development and application of quality benchmark.
- 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.
- Collection and analysis of feedback from all stakeholders on quality related institutional process.
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotions of quality circles.
- Development and maintenance of institutional database through MIS for the purpose of maintaining and enhancing the institutional quality.
- Preparation and submission as per guidelines and parameters of NAAC.
- Periodical conduct of Academic and Administrative Audit and its follow up.

**Meeting:**

- Normally there shall be 3-4 meetings to be conducted in each academic year. Provided, if the authorities think fit additional meeting may be called for to finalise different quality issues of the universities.
- The Chairperson of IQAC will preside over. In his absence, the other members will nominate one among them to preside over the meeting.
- The Coordinator of IQAC will prepare the agenda for each meeting and cause it to be sent to all the members at least fifteen days before the date of meeting.
- The decisions in IQAC shall be made as far as possible by consensus and if required by majority.

  
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- The coordinator shall prepare the minutes of each meeting and shall submit them to the university administration for approval and implementation.

### Quorum:

Attendance of minimum 213rd members including special invited members but excluding the Member coordinator shall constitute the quorum of the meeting.

### Outcomes of activities of IQAC:

- Accreditation: NAAC
- National Ranking Framework
- AICTE Approval for professional courses.
- Feedback from stakeholders
- Promoting Technology Enhanced Learning
- Annual Quality Assurance report

### LEARNING & EVALUATION \*\*\*\*

- Total 487 numbers of students had taken admission in the institution out of 822 sanctioned seats in the academic year 2020-21. In which 149 students are from reserved categories (SC/ST)

Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted	Number of seats earmarked for reserved category as per GOI or State Government rule					Number of students admitted from the reserved category						
				SC	ST	OB	Gen	Others	SC	ST	OB	Gen	Others		
B.TECH COMP. SCI.& ENGG.	UG-1	180	173	14	21	0	145					27	4	0	142
ELECTRONICS & TELE COMM.	UG-3	60	9	5	7	0	48					0	0	0	9
ELECTRICAL ENGG.	UG-8	60	34	5	7	0	48					14	6	0	14

  
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MECHANICAL ENGG.	UG-5	84	38	7	1	0	66	13	5	0	20
CIVIL ENGG.	UG-6	60	48	5	7	0	48	10	11	0	27
AUTOMOBILE ENGG.	UG-7	30	3	2	4	0	24	1	0	0	2
MASTER IN BUSINESS ADMN.	PG-1	120	77	10	1	0	96	30	11	0	36
MASTER IN COMP. APPLICATION	PG-2	120	93	10	1	0	96	11	2	0	80
M.TECH(SOIL MECHANICS & FOUNDATION ENGG.)	PG-7	18	6	1	2	0	15	2	1	0	3
M.TECH(STRUCTURAL & FOUNDATION ENGG.)	PG-8	18	3	1	2	0	15	1	0	0	2
M.TECH(COMPUTER SC. & ENGG.)	PG-3	18	0	1	2	0	15	0	0	0	0
M.TECH (COMM. SYSTEM)	PG-5	18	0	1	2	0	15	0	0	0	0
M.TECH(HEAT & POWER ENGG.)	PG-6	18	3	1	2	0	15	0	0	0	3

  
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 College of Engineering Bhubaneswar


M.TECH(POWER SYSTEM ENGG.)	PG-9	18	0	1	2	0	15						
		822	487	64	9	7	0	661	109	40	0	338	

The total numbers of under graduate programmers are 06 for the academic year 2021-22.

- Total 126 full time faculty members are associated with this college in the year 2021-22, out of which 67 faculties are PhD holders.
- Teachers were encouraged to adopt ICT tools for efficient teaching mechanism.
- The various Faculty Development Programmes were conducted to upgrade the knowledge of faculty members.
- The attendance percentage of students has been improved. And out of 344 final year students, 330 students have passed the university examination in the year 2021-22.
- The different meetings such as class committee, IQAC, departmental meeting, HoDs meetings, Principal meetings, result meeting were conducted regularly to monitor the progress of the college activities.
- The subjects were allotted to the faculty before the semester begins as per their specialization and experience. The faculty members were then asked to submit the lesson plan, notes and question bank to their concerned HoDs. Each faculty maintains the subject log books, records of daily lectures delivered and practicals conducted. This is reviewed by the HoDs weekly and countersigned by the Principal monthly. Internal tests are conducted for the students and their results are analyzed.

Based on the results, the following remedial measures are taken:

1. Guiding the students on the preparation and presentation skills during exams.
2. Arranging tutorial classes.
3. Conducting special coaching classes for slow learners.
4. Conducting additional tests.
5. Offering counsel to the students.
6. Encouraging the students to attend workshops, conferences and seminars,
7. Providing references materials.

  
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 College of Engineering Bhubaneswar

The effectiveness of the Teaching –Learning Process is reviewed regularly as the following:

1. Students Feedback
2. Results of Internal Tests
3. End semester Results

## CURRICULAR ASPECTS

A number of add on course are provided in this year:

Name of Add on /Certificate programs offered	Course Hours	Students enrolled	Students Passed
Automotive Testing and Certification (3rd Sem. Automobile Engg.)	40	10	10
Electric and Hybrid vehicles (5th Sem. Automobile Engg.)	40	20	19
CATIA V5 (7th Sem. Automobile Engg.)	40	19	19
Engineering Geology (3rd sem. CE)	40	47	44
River Engineering (5th sem. CE)	38	53	50
Building Information Medelling (7th sem. CE)	36	42	39
Natural Language Processing (3rd Sem. CSE)	40	114	109
Digital Marketing (5th Sem. CSE)	40	100	98
Software Testing (7th Sem. CSE)	40	85	84
Electrical Circuit Analysis with PSIM (3rd Sem. EE)	40	46	42
Fault Analysis of Electrical Transmission System (5th Sem. EE)	40	38	33

  
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 College of Engineering Bhubaneswar

Concepts of transformer core design (7th Sem. EE)	40	29	25
Electrical Circuit Analysis with PSIM(3rd Sem. EEE)	40	10	9
Fault Analysis of Electrical Transmission System (5th Sem. EEE)	40	10	9
Concepts of transformer core design (7th Sem. EEE)	40	15	13
Design and Analysis of Oscillator Circuits (3rd Sem. ETC)	40	24	22
ECG signal processing using Raspberry Pi (5th Sem. ETC)	30	29	25
Animal Sound Processing (7th Sem. ETC)	30	21	18
Designing Components Using Solid Works (3r Sem. ME)	40	64	62
Nano Technology ( 5th Sem. ME)	40	46	44
Introduction to 3D Printing ( 7th Sem. ME)	40	47	45
Streaming Data: Concepts, Applications, and Technologies (1st Sem. MCA)	36	88	84
Cloud Deployment (3rd Sem. MCA)	40	40	38
NPTEL Course on " IOT" (3rd Sem. MCA)	40	28	22
NPTEL Course on " Cloud Computing" (3rd Sem. MCA)	40	20	14
NPTEL Course on " Machine Learning" (3rd Sem. MCA)	40	14	8
NPTEL Course on " MIS" (3rd Sem. MCA)	40	11	5
NPTEL Course on " Big Data" (3rd Sem. MCA)	40	9	1

  
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NPTEL Course on "Data Analytics" (3rd Sem. MCA)	40	19	13
NPTEL Course on "Artificial Intelligence" (3rd Sem. MCA)	40	7	3
NPTEL Course on "Soft Computing" (3rd Sem. MCA)	40	5	3
NPTEL Course on "Software Project Management" (3rd Sem. MCA)	40	6	1
NPTEL Course on "IPR" (3rd Sem. MCA)	40	4	1
NPTEL Course on "Embedded System" (3rd Sem. MCA)	40	3	1
Corporate Governance & Social Responsibility (1st Sem. MBA)	36	77	75
Introduction to Hotel and Tourism Sector (1st Sem. MBA)	36	77	75
Polymer Analysis & It's Restriction in Environment (B.Tech. Ist_Sc&H)	40	305	297

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website.

### RESEARCH, INNOVATION AND EXTENSION

A grant of 1343550 /- received from Government and non-government agencies for research projects /endowments in the institution during the year 2021-22.

Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Durati on of the project	Name of the Funding Agency	Type (Government/n on-Government)

  
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Dr. M. Ramakoteiah	Civil Engineering	2021-2022	190000	6 Months	Grand Mark Infrastructure Limited.	non-Government
Dr. Loknath Sarangi	Electronics and Telecommunication Engineering	2021-2022	258550	9 Months	SMART LINK SOLUTION PVT.LTD.	non-Government
Dr. Biswa Mohan Dash	Master of Business Administration	2021-2022	410,000	6 Months	Nilachal leasing and finance Pvt. Ltd.	non-Government
Dr. Sanjay Kumar Sarangi	Master of Computer Application	2021-2022	296000	8 Months	Grace Research	non-Government
Dr. Mamata Mohanty	Civil Engineering	2021-2022	189000	7 Months	Konark Cement and Asbestos Pvt. Ltd.	non-Government

- The faculty members were motivated to publish research articles/ papers in referred journals notified on UGC care and in national/ international conference proceedings. **237** papers in journals and **230** papers in national/ international conference proceedings by the faculties in the year 2021-22.
- Extension activities were organized to inculcate the social responsibility of the students. A Numbers of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., during the year 2021-22.

  
**PRINCIPAL**  
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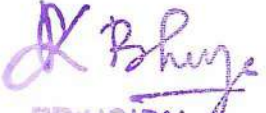
Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Number of students participated in such activities
NSS Award Ceremony	NSS unit of COEB	award ceremony	
UBA GRAM SABHA	NSS unit of COEB	UBA	
Fuel Conservation Drive "SAKSHAM – 2021"	NSS unit of COEB & indian oil corporation	Jagruti	18
AIDS Awareness AT Salia sahi	NSS unit of COEB	HIV/AIDS Prevention	64
Save Girl Child programme at salepur Village	NSS unit of COEB for women empowerment in Bhubaneswar	Beti Bachao, Beti Padhao	31
literacy awareness at arilo	NSS unit of COEB	Samaj Seva	76

  
**PRINCIPAL**  
 College of Engineering Bhubaneswar

Traffic awareness program through webinar	NSS unit of COEB & RTO	Jagruti	57
Swachh Bharat Abhiyan at siripur	NSS unit of COEB	Samaj Seva	32
Tobacco Day at andarpur	NSS unit of COEB	Say NO to tobacco	54
Fuel Conservation Drive	NSS unit of COEB & Times of India and Jyoti Motors	Jagruti	52
Village cleaning at Ekachalia Village	NSS unit of COEB	Swaach Bharat Abhiyaan	


### STUDENT SUPPORT AND PROGRESSION

- A number of students benefited by scholarships and free ships provided by the institution, government and non-government bodies, industries, individuals and philanthropists during the year 2021-22.

  
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 College of Engineering Bhubaneswar



Name of the scheme	Government/Non-government	Name of the individual/organisation	Number of students benefited	Amount (in INR)
Post Matric Scholarship-ST&SC and MBC Welfare Department	Government	State Government of Odisha	506	28000750
Post Matric Scholarship-Medhabruti	Government	State Government of Odisha	8	240000
NABADIGANTA EDUCATIONAL TRUST SCHOLARSHIP (For Financially Weaker students)	Non-government	NABADIGANT EDUCATIONAL TRUST	357	3570000
NABADIGANTA EDUCATIONAL TRUST SCHOLARSHIP (For Meritorious students)	Non-government	NABADIGANT EDUCATIONAL TRUST	283	2830000

  
**PRINCIPAL**  
 College of Engineering Bhubaneswar

## SOFT SKILLS

- Various Induction Programs, Soft skill programs, Language and Communication skill based workshops, Life skill training, ICT / computing skill programs were organized to improve the capacity development and skills enhancement activities of the students.

Name of the Capability Enhancement Programme	Date of implementation	Number of students enrolled	Name of the agencies /consultant involved with contact details
Life skill programme on "Creative Thinking: Techniques and tools for success"	19/04/22 to 20/04/22	74	Ms. Priyanka Mallik, Vivekanada Skill Development Center, Saheed Nagar, Bhubaneswar
Soft skill workshop on "People and soft skill assessment"	27/04/22 to 28/04/22	71	Mr. Yadav Behera, Masters of Management, I.R.C Village, Bhubaneswar
ICT/ computing skill workshop on "Artificial Intelligence and current scenario"	02/05/22 to 07/05/22	89	Dr. Pradeepta Rath, Techmind Academy, Nayaplli, Bhubaneswar
Soft skill workshop on "Team Building and Collaboration"	11/05/22 to 12/05/22	65	Mr. Yadav Behera, Masters of Management, I.R.C Village, Bhubaneswar
ICT/ computing skill workshop on "Integrating Big Data and cloud"	23/05/22 to 28/05/22	92	Dr. Pradeepta Rath, Techmind Academy, Nayaplli, Bhubaneswar
Communication Skill workshop on "Assertive Behaviour"	07/06/22 to 08/06/22	75	Mr. Lakhman Kumar Jaiswal, The Elite Foundation, Old Town, Bhubaneswar
Life skill programme on "Anger Management"	20/06/22 to 21/06/22	69	Dr. Sushant Sarkar, Vivekanada Skill Development Center, Saheed Nagar, Bhubaneswar
Language and communication Skill programme on "Verbal and Non-verbal communication"	24/06/22 to 25/06/22	78	Mr. Lakhman Kumar Jaiswal, The Elite Foundation, Old Town, Bhubaneswar

*A. Bhuj*  
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Yoga and Meditation Classes for Life Skill	04/07/22 to 08/07/22	123	Mr. Lalit Sharma,Om Studio Yoga Center, Chandrasekharpur, Bhubaneswar
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- Total 229 students are benefitted by guidance for competitive examinations and career counseling offered by the Institution during the year 2021-22.

### SPORTS ACTIVITY

Name of the award/ medal	Team / Individual	Level of competition (University / State / National / International)	Nature of competition (Sports / Cultural)	Name of the student(s)
STATE LEVEL CRICKET TOURNAMENT Aryan Institute of Engineering and Technology, BBSR Champion	Team	State	Sports (Cricket )	1. Akash Kumar 2. Alok Nayak 3 .Biswajit Jena 4. Dinesh nayak 5. Raj Kumar Giri 6. Karunakar Nayak 7.Aniket Tripathy 8.Kumar Chandan 9.Niraj Kumar 10.Ravisankar Mishra 11.Rohit Kumar 12.Debi Prasad Dwibedi 13.pappu Kumar Rana

State level Badminton Tournament , Nalanda Institute of Technology,BBSR Runners up	Individual	State	Sports(Badminton)	1.Purushottam Govinda
State level Volley Ball Tournament Konark Institute of Science and Technology.BBSR runners up	Team	State	Sports ( Volley Ball )	1.Sanjay Ku.Behera 2.Sourav ku.Dora 3.Anurag Pradhan 4.Jagannath Murmu 5.Ashok Ku.Sahoo 6.Harihar Bosoyi 7.Niranjan Pradhan 8.Bharat Rout
State level Chess Championship Raajdhani Engineering College.BBSR Champion	Individual	State	Sports ( Chess )	Rajesh Roy
State level Athletic Meet. Oxford College Of Engineering & Management.BBSR. 1st Position	Individual	State	Sports ( Athletic )200mtr.	Rishabh Kumar
12th all India Open Karate Championship .2022	Individual	National	Sports ( Karate )	Subham Samal
State level Group Dance Competition. Gandhi Institute of Technology And Management, BBSR. Runners Up	Team	State	cultural (Dance)	1.Namita Kumari 2.Prativa 3.Rojalin Sethy 4.Bindu Mahanand

  
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 College of Engineering Bhubaneswar

State level Song Competition. Rajdhani Engineering College,BBSR. 2nd Prize	Individual	State	Cultural ( Song )	Manoj Kumar Matagaja
State level Debate Competition. Aryan Institute of Engineering and Technology .BBSR, 3rd Prize	Individual	State	Cultural ( Debate )	Madhusmita Ojha
University level Football Tournament. Nalanda Institute of Technology. BBSR Champion	Team	University	Sports ( FootBall)	1.Rakesh Rosan Das 2.Niraj Kumar 3.Kumar Gourav 4.Himanshu Singh 5.Kumar Chandan 6.Rajesh Roy 7.Ankur jaiswal 8.Debasis rana 9.Gourav Lenka 10.Pupuna Behera 11.Goutam Ku.Rout 12.Radhanath Samal 13.Sambit Pattnaik
State level Song Competition , Gandhi Institute of Engineering and Technology ,BBSR. Participation	Individual	State	Cultural (Song )	Ashok Ku. Sahoo
State level Chess Championship Einstein Academy of Technology and Management.BBSR	Individual	State	Sports ( Chess )	Dikan Jena

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College of Engineering, Bhubaneswar

Participation				
State level Dance solo Competition Gandhi Institute for Technology. BBSR Participation	Individual	State	Cultural ( Dance)	Arpita Mishra
State level carom Competition . Suddhananda Engineering and Research Centre .BBSR. Participation	Individual	State	Sports ( Carrom )	Premjit Beura
State level Quiz Competition, Indus College of Engineering , BBSR Participation	Team	State	Sports ( Table Tennis)	1.Gautam Kumar Rout 2.Sachin Das
State level karate Championship, Gandhi Institute for Education and Technology, BBSR 1st Prize	Individual	State	Sports ( Karate )	Subham Samal
State level College Engineer Cup GIRLS Rajdhani Engineering College, BBSR(BasketBall ) Participation	Team	State	Sports( BasketBall)	1.Rojalini Sethy 2.Atashi Panda 3.Radha Rani Mondal 4.Swati Das 5.Tanushree maharana 6.Utpala Sharma 7.Supriya Rani Dhal 8.Monalisha Dash

- There are 10sports, 6 cultural event and 1 technical event was organized in the institution in the year 2021-22.

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

  
 College of Engineering and Technology  
 Bhubaneswar

- Attending Spoken Tutorial, Open Source Certification courses is treated as mandatory to enable the students to become industry ready.
- The vision and mission statement focuses on providing quality education which enables the learners to be globally competent, socially responsible and ethically desirable. In order to materialize the same, the institution gives the learners a good infrastructure and recruits committed teachers who are sincere about serving the learning community with necessary knowledge, skills and expertise. All the academic programmes and research initiatives of the institution aim at making the students cater to the needs of the society.

### **.INSTITUTIONAL VALUES AND BEST PRACTICES**

- Initiatives taken by the institution to make the campus eco-friendly. The college campus is totally eco-friendly. For this the Management, the head of the institution and the whole staff are committed and they are working towards it. The institution has also taken several other steps/initiatives to make the campus eco-friendly. Energy Conservation, use of renewable energy, Rain Water Harvesting, Efforts of Carbon neutrality, Tree Plantation and E-waste Management.
- SWOC (Strength, Weakness, Opportunity and Challenges) analysis has been done continuously.
- The internship and in-plant training have been practiced.
- This year according to best practice measures 1369 nos of students are mentored by 79 nos of mentors

**Coordinator( IQAC )  
College of Engineering Bhubaneswar**

**COORDINATOR  
COEB IQAC, BBSR**

**Principal  
College of Engineering Bhubaneswar**

**PRINCIPAL  
College of Engineering Bhubaneswar**

**PRINCIPAL  
College of Engineering Bhubaneswar**

# **College of Engineering Bhubaneswar**



## **INTERNAL QUALITY ASSURANCE CELL (IQAC) ANNUAL REPORT 2022-23**



## **MISSION:**

Our mission is to continually enhance and evaluate the standards of our academic, administrative, and environmental aspects to ensure excellence in teaching, learning, and research within our institution.

## **VISION:**

To regularly assess and improve upon our curriculum, extracurricular activities, research initiatives, and administrative procedures, aiming for ongoing advancement. To recognize potential challenges and develop effective solutions through collaboration with both internal and external experts.

## **OBJECTIVES:**

- To provide Catalytic improvement of the Administrative & Academic performance of the College.
- Improving on the performance of quality functioning structure.
- Sharing & digitalizing in the field of Research with Institutions & Industries.

## **FUNCTIONS & RESPONSIBILITIES:**

- Making awareness of quality circles.
- Structuring the activities and different empowerment of the Institution.
- Preparing & submitting the IQAR based on different qualitative aspects.
- Maintaining feedback mechanism for smooth functioning of the Institute with development fields.
- Arranging Institutional Seminars Workshops according to the policy guidelines.
- Documentation of different activities of the Institute towards quality development
- Organizing the Academic & Administrative Audit. According to the quality policy in both developments & Institutions
- Preparing the whole documentation & proof of the documents as required by different Accreditation Organization like NBA,NAAC, IAO,ABET etc.

## **STRATEGIES:**

IQAC shall evolve mechanisms and procedures for

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
- The relevance and quality of academic and research programmes.
- Equitable access to and affordability of academic programmes for various sections of society.
- Optimization and integration of modern methods of teaching and learning.
- The credibility of evaluation procedures.

  
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College of Engineering Bhubaneswar

- Ensuring the adequacy, maintenance and functioning of the support structure and services.

**BENEFITS:**

- For quality enhancement the institution, IQAC has focused on high level of clarity
- Ensure internalization of the quality culture
- Ensure enhancement and coordination among various activities of the institution by maintaining all good practices
- Act as a synergetic system for quality changes in the Institute.
- Well organised methodology of documentation and internal communication are provided to the institution.
- 

**Some of the Functions expected of the IQAC are:**

- Development and application of quality benchmark.
- 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.
- Collection and analysis of feedback from all stakeholders on quality related institutional process.
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotions of quality circles.
- Development and maintenance of institutional database through MIS for the purpose of maintaining and enhancing the institutional quality.
- Preparation and submission as per guidelines and parameters of NAAC.
- Periodical conduct of Academic and Administrative Audit and its follow up.

**Meeting:**

- Normally there shall be 3-4 meetings to be conducted in each academic year. Provided, if the authorities think fit additional meeting may be called for to finalise different quality issues of the universities.
- The Chairperson of IQAC will preside over. In his absence, the other members will nominate one among them to preside over the meeting.
- The Coordinator of IQAC will prepare the agenda for each meeting and cause it to be sent to all the members at least fifteen days before the date of meeting.
- The decisions in IQAC shall be made as far as possible by consensus and if required by majority.
- The coordinator shall prepare the minutes of each meeting and shall submit them to the university administration for approval and implementation.

  
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 College of Engineering Bhubaneswar

### Quorum:

Attendance of minimum 213rd members including special invited members but excluding the Member coordinator shall constitute the quorum of the meeting.

### Outcomes of activities of IQAC:

- Accreditation: NAAC
- National Ranking Framework
- AICTE Approval for professional courses.
- Feedback from stakeholders
- Promoting Technology Enhanced Learning
- Annual Quality Assurance report

### LEARNING & EVALUATION \*\*\*\*

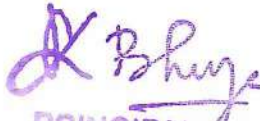
- Total 435 numbers of students had taken admission in the institution out of 696 sanctioned seats in the academic year 2022-23. In which 88 students are from reserved categories (SC/ST)

Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted	Number of seats earmarked for reserved category as per GOI or State Government rule					Number of students admitted from the reserved category				
				SC	ST	OB	Gen	Others	SC	ST	OB	Gen	Others
B.TECH COMP. SCI.& ENGG.	UG-1	180	157	14	22	0	144		13	2	0	142	
ELECTRONICS & TELE COMM.	UG-3	60	22	5	7	0	48		5	5	0	12	
ELECTRICAL ENGG.	UG-8	60	21	5	7	0	48		8	2	0	11	
MECHANICAL ENGG.	UG-5	60	17	5	7	0	48		4	5	0	8	

  
PRINCIPAL  
College of Engineering Bhubaneswar

CIVIL ENGG.	UG-6	60	25	5	7	0	48		10	4	0	11
MASTER IN BUSINESS ADMN.	PG-1	120	63	10	14	0	96		12	5	0	46
MASTER IN COMP. APPLICATION	PG-2	120	120	10	14	0	96		8	2	0	110
M.TECH(SOIL MECHANICS & FOUNDATION ENGG.)	PG-7	18	2	1	2	0	15		0	0	0	2
M.TECH(STRUCTURAL & FOUNDATION ENGG.)	PG-8	18	8	1	2	0	15		0	3	0	5
TOTAL		696	435	56	82	0	558		60	28	0	347

- The total numbers of under graduate programmers are 06 for the academic year 2022-23.
- Total 127 full time faculty members are associated with this college in the year 2022-23, out of which 69 faculties are PhD holders.
  - Teachers were encouraged to adopt ICT tools for efficient teaching mechanism.
  - The various Faculty Development Programmes were conducted to upgrade the knowledge of faculty members.
  - The attendance percentage of students has been improved. And out of 373 final year students, 335 students have passed the university examination in the year 2022-23.
  - The different meetings such as class committee, IQAC, departmental meeting, HoDs meetings, Principal meetings, result meeting were conducted regularly to monitor the progress of the college activities.
  - The subjects were allotted to the faculty before the semester begins as per their specialization and experience. The faculty members were then asked to submit the lesson plan, notes and question bank to their concerned HoDs. Each faculty maintains the

  
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 College of Engineering Bhubaneswar

subject log books, records of daily lectures delivered and practicals conducted. This is reviewed by the HoDs weekly and countersigned by the Principal monthly. Internal tests are conducted for the students and their results are analyzed.

Based on the results, the following remedial measures are taken:

1. Guiding the students on the preparation and presentation skills during exams.
2. Arranging tutorial classes.
3. Conducting special coaching classes for slow learners.
4. Conducting additional tests.
5. Offering counsel to the students.
6. Encouraging the students to attend workshops, conferences and seminars,
7. Providing references materials.


The effectiveness of the Teaching –Learning Process is reviewed regularly as the following:

1. Students Feedback
2. Results of Internal Tests
3. End semester Results


### CURRICULAR ASPECTS

A number of add on course are provided

Name of Add on /Certificate programs offered	Course Hours	Students enrolled	Students Passed
Engineering Geology (3rd sem. CE)	40	46	44
River Engineering (5th sem. CE)	38	45	43
Building Information Medelling (7th sem. CE)	36	50	48
Natural Language Processing (3rd Sem. CSE)	40	165	162
Digital Marketing (5th Sem. CSE)	40	109	107
Software Testing (7th Sem. CSE)	40	100	98
Electrical Circuit Analysis with PSIM (3rd Sem. EE)	40	31	26

  
**PRINCIPAL**  
 College of Engineering Bhubaneswar

Fault Analysis of Electrical Transmission System (5th Sem. EE)	40	45	40
Concepts of transformer core design (7th Sem. EE)	40	36	30
Fault Analysis of Electrical Transmission System (5th Sem. EEE)	40	10	9
Concepts of transformer core design (7th Sem. EEE)	40	9	7
Design and Analysis of Oscillator Circuits (3rd Sem. ETC)	40	9	8
ECG signal processing using Raspberry Pi (5th Sem. ETC)	30	24	21
Animal Sound Processing (7th Sem. ETC)	30	29	25
Designing Components Using Solid Works (3r Sem. ME)	40	46	44
Nano Technology ( 5th Sem. ME)	40	47	46
Introduction to 3D Printing ( 7th Sem. ME)	40	38	37
System Application and Product in Data Processing (1st Sem. MCA)	36	114	108
Computational Geometry (3rd Sem. MCA)	36	88	84
NPTEL Course on " MIS" (3rd Sem. MCA)	40	70	50
NPTEL Course on " IOT" (3rd Sem. MCA)	40	77	57
NPTEL Course on " Cloud Computing" (3rd Sem. MCA)	40	69	49
NPTEL Course on " IPR" (3rd Sem. MCA)	40	44	24
NPTEL Course on " Soft Computing" (3rd Sem. MCA)	40	6	2

  
 PRINCIPAL  
 College of Engineering B

NPTEL Course on " Distributed Operating System" (3rd Sem. MCA)	40	3	1
NPTEL Course on " AI" (3rd Sem. MCA)	40	7	3
Nutrition and Sanitation (1st Sem. MBA)	36	63	60
Sustainability and Women Empowerment (1st Sem. MBA)	36	63	60
Vedic Mathematics (B.Tech. Ist Sem_Sc&H)	40	242	238

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website.

### RESEARCH, INNOVATION AND EXTENSION

A grant of 1166000 /- received from Government and non-government agencies for research projects /endowments in the institution during the year 2022-23.

Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Dr. Chandru J	Mechanical Engineering	2022-2023	219000	7 Months	MallickTools & Engineering Pvt. Ltd.	non-Government
Dr. R. Thirumalai Raja	Civil Engineering	2022-2023	446000	9 Months	Citicon Engineers Ltd.	non-Government
Dr. Mamata Mohanty	Civil Engineering	2022-2023	222000	8 Months	Aryan Infra Project Limited.	non-Government

  
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 College of Engineering Bhubaneswar

Dr. T C Manjunath	Electrical Engineeri ng	2022- 2023	279000	6 Months	Nina Solar	non- Government
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- The faculty members were motivated to publish research articles/ papers in referred journals notified on UGC care and in national/ international conference proceedings. **246** papers in journals and **232** papers in national/ international conference proceedings by the faculties in the year 2022-23.

### SOCIAL ACITIVITY

- Extension activities were organized to inculcate the social responsibility of the students. A Numbers of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., during the year 2022-23.

Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Number of students participated in such activities

  
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 College of Engineering Bhubaneswar



cancer awareness Awareness Program at Balakati Village	NSS unit of COEB for Cancer awareness in Bhubaneswar	Jagruti	37
The SPOs of(COEB) joined International Women's Day at Commissionerate Police	NSS unit of COEB & Commissionerate Police Bhubaneswar-Cuttack	Jagruti	8
Polythene-Free awareness program at kakudikosanga Village	NSS unit of COEB	Jagruti	23
World Environment Day awareness in banki village	NSS unit of COEB	Jagruti	31
Cleanliness drive at Utkal University	NSS unit of COEB	Samaj Seva	35
Dental check-up Camp	NSS unit of COEB & Hi-Tech Hospital	Samaj Seva	72

*A. B. Bhuje*  
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College of Engineering Bhubaneswar

Child Marriage Free India Campaign	NSS unit of COEB & Ruchika Social Service Organisation	Jagruti	37
Dengue Awareness pathargadia	NSS unit of COEB	Jagruti	61
Cancer Awareness Program at Balakati Village	NSS unit of COEB for Cancer Awareness in Bhubaneswar	Jagruti	18
Save Water Save life awareness at srivandpur	NSS unit of COEB	jagruti	31
world aids day awareness at gandarpur	NSS unit of COEB	Jagruti	87
Literary awareness at balianta	NSS unit of COEB	Jagruti	18

*A. B. Singh*  
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College of Engineering Bhubaneswar

## STUDENT SUPPORT AND PROGRESSION

- A Number of students benefited by scholarships and free ships provided by the institution, government and non-government bodies, industries, individuals and philanthropists during the year 2022-23.

Post Matric Scholarship-ST&SC and MBC Welfare Department	Government	State Government of Odisha	516	23775
Post Matric Scholarship-Medhabruti	Government	State Government of Odisha	14	4135
NABADIGANT EDUCATIONAL TRUST SCHOLARSHIP (For Financially Weaker students)	Non-government	NABADIGANT EDUCATIONAL TRUST	437	43700
NABADIGANT EDUCATIONAL TRUST SCHOLARSHIP (For Meritorious students)	Non-government	NABADIGANT EDUCATIONAL TRUST	203	20300

## SOFT SKILLS PROGRAMME

- Various Induction Programs, Soft skill programs, Language and Communication skill based workshops, Life skill training, ICT / computing skill programs were organized to improve the capacity development and skills enhancement activities of the students.

Name of the Capability Enhancement Programme	Date of implementation	Number of students enrolled	Name of the agencies /consultant involved with contact details
Life skill programme on "Creative Thinking: Techniques and tools for success"	27/02/23 to 28/02/23	82	Dr.Jayant Kumar Mishra, Vivekanada Skill Development Center, Saheed Nagar, Bhubaneswar
Soft skill workshop on "People and soft skill assessment"	02/03/23 to 03/03/23	101	Mr.Dhiraj Kumar Sahoo, Masters of Management, I.R.C Village, Bhubaneswar



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College of Engineering Bhubaneswar

ICT/ computing skill workshop on "Artificial Intelligence and current scenario"	13/03/23 to 18/03/23	82	Mr.Biswakishan Routray, Techmind Academy, Nayaplli, Bhubaneswar
ICT/ computing skill workshop on "Integrating Big Data and cloud"	03/04/23 to 08/04/23	72	Mr.Biswakishan Routray, Techmind Academy, Nayaplli, Bhubaneswar
Soft skill workshop on "Team Building and Collaboration"	24/04/23 to 25/04/23	92	Mr.Dhiraj Kumar Sahoo, Masters of Management, I.R.C Village, Bhubaneswar
Communication Skill workshop on "Assertive Behaviour"	09/05/23 to 10/05/23	52	Mrs.Ashmita Patro, The Elite Foundation, Old Town, Bhubaneswar
Life skill programme on "Anger Management"	22/05/23 to 23/05/23	82	Dr.Jayant Kumar Mishra, Vivekanada Skill Development Center, Saheed Nagar, Bhubaneswar
Language and communication Skill programme on "Verbal and Non-verbal communication"	25/05/23 to 26/05/23	62	Mrs.Ashmita Patro, The Elite Foundation, Mahavir Nagar Samantrapur, Bhubaneswar
Yoga and Meditation Classes for Life Skill	29/05/23 to 02/06/23	102	Mr. Siba Prashad Jena, Om Studio Yoga Center, Chandrasekharapur, Bhubaneswar

- Total 240 students are benefitted by guidance for competitive examinations and career counseling offered by the Institution during the year 2022-23.
- The major grievances such as extension of library hours need for cultural events and so on were addressed and needful actions were taken and rectified immediately.
- Our students received awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level .

*A. Bhuj*  
PRINCIPAL

College of Engineering Bhubaneswar

## SPORTS ACTIVITY

s.No	Name of the award/ medal	Team / Individual	Level of competition (University / State / National / International)	Nature of competition (Sports / Cultural)	Name of the student(s)
1	State level Cricket Tournament, Raajdhani Engineering College BBSR, Champion	Team	State	Sports (Cricket )	1. Abinash Jena 2. Soumya Ranjan Nayak 3. Susanta Kumar Naik 4. Swadesh Barik 5. Pratap Dhala 6. Sanjay Bada 7. Amlan Parida 8. Ansuman Das 9. Bikash Nayak 10. Omm Prakash Lenka 11. Abinash Rana 12. Raj Kumar Giri 13. Debasish Ghadei
2	State level Badminton Tournament Gandhi Institute For Technology.BBSR 3rd Prize	Individual	State	Sports(Badminton)	Gokul Mohanty
3	State level Volley Ball Tournament. NM Institute Of Engineering & Technology.BBSR Runners Up	Team	State	Sports ( Volley Ball )	1.Biswa Prakash Parida 2.Pratik Kumar saho 3.Deep sarkar 4.Nitish

  
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 College of Engineering Bhubaneswar

					Kumar 5.Sambit Kumar Mandal 6.PrabhuDutta Sethy 7.Mohan Behera 8.Abakash dash 9.Asutosh Kundu 10.abhijit Pradhan
4	State level Chess Championship .Einstein Academy of Technology and Management. BBSR Champion	Individual	State	Sports ( Chess )	1.Rahul Kumar
5	State level Basket Ball Tournament . Aryan Institute of Engineering and Technology. BBSR Champion	Team	State	Sports ( Basket Ball )	1.Nihar Ranjan Jena 2.Nitish Kumar 3.Kunal Kumar 4.tanmay Nayak 5.Rohit KumbhaKara 6.Sohan Kumar Sahoo 7.Asish Kumar panda 8.Bikash Nayak
6	3rd East India Karate Championship. 2023	Individual	National	Sports ( Karate )	Subham Samal

  
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 College of Engineering Bhubaneswar

7	13th All India open Karate Championship . 2023	Individual	State	Sports ( Karate )	Subham Samal
8	State level Solo Dance Competition. Krupajal Engineering College.BBSR 2nd Runners up	Individual	State	Cultural ( Dance )	Debasmita Sahoo
9	State level poster Making Competition. Indus College of Engineering.BBSR 1st Position	Individual	State	Cultural ( poster making )	G Nilima Reddy
10	State level Kabadi Tournament. Mahavir Institute of Engineering and Technology. BBSR Runners up	Team	State	Sports ( Kabadi)	1.Himanshu Baliarsingh 2.Jayanta Kumar Pradhan 3.Pratik Kumar Sahoo 4.Tarakanta Prusti 5.Gulsan Kumar jagat 6.Satyabrata Dash 7.Yuvraj kar 8.Chandan Sethy 9.Nihar Ranjan Jena
11	University level Carrom Competition. Bhubaneswar Institute of Technology BBSR. Champion	Individual	University	Sports (Carrom)	Sohan Kumar Sahoo
12	State level Song Competition , Gandhi Institute of Engineering and Technology BBSR. Participation	Individual	State	Cultural ( Song )	Pratap Dhal

  
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 College of Engineering Bhubaneswar

13	State level Chess Championship. Einstein Academy of Technology & Management.BBSR Participation	Individual	State	Sports ( Chess )	Jana Prakash Mahapatra
14	State level Dance solo Competition. Gandhi Institute for Technology Participation	Individual	State	Cultural ( Dance)	Snigdha Priyadarshini Patra
15	State level carrom Competition. Suddhananda Engineering and Research Centre.BBSR. Participation	Individual	State	Sports ( Carrom )	Udayabhanu Jena
16	State level Quiz Competition , Indus College of Engineering , BBSR Participation	Team	State	Cultural (Quiz)	Kunal Garita
17	34th Under 21 years & Senior State Championship Second Prize	Individual	State	Sports ( Karate )	Subham Samal
18	34th Under 21 years & Senior State Championship Third Prize	Individual	State	Sports ( Karate )	Subham Samal

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

- Attending Spoken Tutorial, Open Source Certification courses is treated as mandatory to enable the students to become industry ready.
- The vision and mission statement focuses on providing quality education which enables the learners to be globally competent, socially responsible and ethically desirable. In order to materialize the same, the institution gives the learners a good infrastructure and recruits committed teachers who are sincere about serving the learning community with necessary knowledge, skills and expertise. All the academic programmes and research initiatives of the institution aim at making the students cater to the needs of the society.

  
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 College of Engineering Bhubaneswar



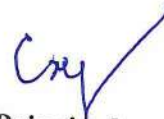
## INSTITUTIONAL VALUES AND BEST PRACTICES

- Initiatives taken by the institution to make the campus eco-friendly. The college campus is totally eco-friendly. For this the Management, the head of the institution and the whole staff are committed and they are working towards it. The institution has also taken several other steps/initiatives to make the campus eco-friendly. Energy Conservation, use of renewable energy, Rain Water Harvesting, Efforts of Carbon neutrality, Tree Plantation and E-waste Management.
- SWOC (Strength, Weakness, Opportunity and Challenges) analysis has been done continuously.
- The internship and in-plant training have been practiced.
- This year according to best practice measures 1445 nos of students are mentored by 81 nos of mentors



Coordinator (IQAC)  
College of Engineering Bhubaneswar

COORDINATOR  
COEB IQAC, EBSR



Principal  
College of Engineering Bhubaneswar

PRINCIPAL  
College of Engineering Bhubaneswar



PRINCIPAL  
College of Engineering Bhubaneswar