



# Biju Patnaik University of Technology, Odisha

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**One-Week Online Faculty Development Programme  
(FDP) on Quality Assurance and Accreditation  
19th to 23rd May**

*In association with Association of Indian Universities -  
Academic and Administrative Development Centre (AIU-AADC-BPUT)*



**One-Week Online Faculty Development  
Programme**

**on**

**Quality Assurance and Accreditation (QAA)**

**Organised by**

**Biju Patnaik University of Technology, Odisha**

**In Association with**

**Association of Indian Universities- Academic and  
Administrative Development Centre (AIU-AADC-BPUT)**

**19<sup>th</sup> – 23<sup>rd</sup> May 2025**

**Coordinators**

**Dr. D Chandrasekhar Rao,**

*Associate Prof. Dept. of CSE, CUPGS, BPUT*

**Dr. Prakash Kumar Panda,**

*Associate Prof. Dept. of ECE, CUPGS, BPUT*

**From Chief Guest's Desk**



**Prof. Amiya Kumar Rath**  
Vice Chancellor,  
Biju Patnaik University of Technology, Odisha

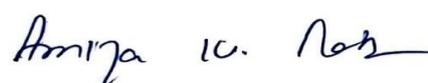
**MESSAGE**

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It is a matter of great pride and satisfaction to be part of the One-Week Online Faculty Development Programme on Quality Assurance and Accreditation. In an era where the quality of higher education determines the trajectory of national development, such initiatives are both timely and transformative. The National Education Policy 2020 has emphasized the importance of accountability, autonomy, and accreditation, making it imperative for every higher education institution to align itself with quality frameworks and standards.

This FDP has brought together some of the finest minds and experts who have shared their wisdom on NAAC, NBA, NIRF, OBE, CQI, and global ranking systems. I am confident that the knowledge gained through this platform will go a long way in equipping faculty members with the right tools, perspectives, and practices necessary for institutional excellence.

I congratulate the organizers, coordinators, and all stakeholders involved in making this program a grand success. To the participants, I urge you to take forward this learning into your institutions and serve as ambassadors of quality and innovation. Let us all work together to uphold the academic integrity and excellence that defines BPUT and its affiliated institutions.

A handwritten signature in black ink that reads "Amiya K. Rath".

**Chief Guest  
FDP on QAA**

### From Guest of Honor's Desk



**Dr. Pankaj Mittal,**  
Secretary General,  
Association of Indian Universities

### MESSAGE

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It has been a privilege to be part of the One-Week Online Faculty Development Programme on Quality Assurance and Accreditation, organized by Biju Patnaik University of Technology (BPUT), Odisha in collaboration with AIU-AADC. The focus of this programme could not have been more timely or relevant. As the higher education sector evolves rapidly in response to policy reforms, technological disruption, and global benchmarks, the role of quality assurance has become central to institutional progress.

This FDP stands out for its structured approach in addressing diverse dimensions of quality—spanning national accreditation frameworks like NAAC and NBA, institutional rankings such as NIRF, and forward-looking models like Outcome-Based Education and Continuous Quality Improvement. The sessions were thoughtfully curated and delivered by distinguished experts who brought both strategic insight and hands-on experience.

What impressed me most was the level of engagement and openness among the participants, many of whom are key change-makers within their institutions. I believe the learning from this FDP will translate into more robust academic practices, data-driven decision-making, and an enduring culture of excellence.

I extend my warm appreciation to the organizing team for their efforts and vision. May this initiative serve as a catalyst for sustained institutional transformation.

A handwritten signature in blue ink, appearing to read 'Pankaj Mittal'.

**Guest of Honor  
FDP on QAA**

### From Guest of Honor's Desk



**Mrs. Ranjana Parihar,**  
Joint Secretary,  
Association of Indian Universities

### MESSAGE

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It is indeed an honor and privilege to be associated with the Faculty Development Programme on Quality Assurance and Accreditation, hosted by BPUT in collaboration with AIU-AADC. The theme of this FDP is highly relevant in today's academic context where educational institutions are striving not just for compliance, but for excellence, global relevance, and societal impact.

Accreditation is more than a set of metrics; it is a philosophy of continuous improvement, inclusivity, and transparency. Faculty members are at the heart of this transformation. Their commitment to teaching, research, student support, and governance directly reflects in institutional rankings and accreditation outcomes. Through the thoughtfully designed sessions on NAAC, NBA, NIRF, CQI, and benchmarking, this FDP has laid a strong foundation for understanding and implementing quality enhancement initiatives.

I appreciate the efforts of the entire organizing team for successfully convening such an insightful and well-structured program. My sincere compliments to the participants for their active involvement. May the knowledge gained during this week act as a catalyst for innovation and reform in your respective institutions. Let us all move toward a more accountable, transparent, and globally respected higher education system.

Best wishes for a successful and enriching programme.

A handwritten signature in black ink, appearing to read 'Ranjana Parihar', written over a horizontal line.

**Guest of Honor  
FDP on QAA**

**From Director Curriculum Development's Desk**



**Prof. Sujit Kumar Khuntia,**  
Director Curriculum Development,  
Biju Patnaik University of Technology, Odisha

**MESSAGE**

Quality assurance is the bedrock of any credible academic system, and it gives me immense satisfaction to see that this FDP has addressed it so comprehensively. As the Director of Curriculum Development at BPUT, I see first-hand how deeply curriculum design and quality processes are interlinked. Ensuring relevance, rigor, and responsiveness in academic programs requires faculty who are well-versed in quality frameworks and equipped with practical implementation strategies.

This FDP has done commendable work in that regard. Through sessions on NAAC, NBA, NIRF, benchmarking, and CQI, the programme has empowered faculty with tools to analyze gaps, benchmark standards, and lead quality initiatives. What stands out is not just the academic richness of the programme, but its actionable focus. From documentation to stakeholder involvement and institutional planning, every element was addressed.

I extend my congratulations to the coordinators and the entire organizing committee for their outstanding execution of this event. My best wishes to all participants—may the learning from this FDP be reflected in your curriculum design, academic planning, and institutional strategies. Let us together nurture institutions that are not just accredited but truly exemplary.

Wishing all attendees, a transformative learning experience.

A handwritten signature in blue ink that reads "S Khuntia".

**Director Curriculum Development  
BPUT, Odisha**

**From Director I/C CUPGS's Desk**



**Prof. Sivkumar Mishra,**  
Director I/C CUPGS  
Biju Patnaik University of Technology, Odisha

**MESSAGE**

Quality is the foundation of excellence, and accreditation is its validation. This Faculty Development Programme on Quality Assurance and Accreditation highlights the critical role that faculty and administrators play in upholding and advancing educational standards.

In an era of heightened expectations and global benchmarks, institutions must embrace quality as a continuous, collective responsibility. Accreditation is more than a label; it is a journey of reflection, improvement, and accountability that ensures credibility and trust.

Through this program, you have gained insights and strategies to build robust systems, develop quality metrics, and foster a culture where excellence becomes second nature. You are now better prepared to lead quality initiatives that enhance outcomes for learners and raise your institutions' reputations.

I urge each of you to take these lessons back to your workplaces with conviction and to inspire colleagues to participate actively in this mission of improvement. When every individual commit to quality, the institution as a whole shine brighter.

Congratulations to each participant for stepping up to this vital responsibility, and to the organizing team for delivering such a purposeful and timely program. May this experience energize you to raise benchmarks, exceed expectations, and leave a lasting imprint on the education ecosystem.

  
**Director I/C CUPGS**  
**BPUT, Odisha**

**From Coordinators' Desk**



**Dr. Chandrasekhar Rao**  
Associate Professor,  
Dept. of Computer Science and Engineering,  
CUPGS, BPUT, Odisha

**MESSAGE**

With immense pride and professional fulfilment, I extend my heartfelt message as the Coordinator of this One-Week Online Faculty Development Programme on Quality Assurance and Accreditation. The success of this initiative reflects our shared commitment to capacity building and institutional transformation. In curating the content and identifying expert speakers, we were guided by a singular vision—to empower faculty members with the knowledge, strategies, and confidence to lead quality initiatives in their institutions.

Each session of this FDP was designed to balance policy understanding with practical implementation. From NAAC's seven criteria and NBA's outcome-based education model to NIRF rankings and international benchmarking, the programme has covered essential domains of academic quality. The inclusion of continuous quality improvement models and best practices further ensured the holistic relevance of the content.

I express my deep appreciation to our Vice Chancellor for his leadership, to AIU-AADC for their collaboration, and to our speakers and participants for their dedication. It is my sincere hope that this FDP marks not the end, but the beginning of a long journey toward institutional excellence. Let us keep the spirit of quality assurance alive in all that we do

Wishing you continued success in your academic journey.

*D. Chandrasekhar Rao.*

**Coordinator QAA-cum- Secretary AADC,  
BPUT**

## From Coordinators' Desk



### **Dr. Prakash Kumar Panda**

Associate Professor,  
Dept. of Electronics and Communication Engineering,  
CUPGS, BPUT, Odisha

### **MESSAGE**

It has been an enriching and fulfilling experience to serve as the Co-Coordinator of the One-Week Online Faculty Development Programme on Quality Assurance and Accreditation. The ever-evolving landscape of higher education demands continuous upskilling and awareness of best practices in quality assurance, and I believe this FDP has contributed significantly in this direction.

Through engaging sessions led by esteemed experts from NITs, NITTTRs, and other reputed institutions, we explored critical aspects such as accreditation processes (NAAC and NBA), ranking frameworks (NIRF and QS), outcome-based education, and continuous quality improvement. The diverse topics were not only aligned with the latest policy directives, including NEP 2020, but also offered actionable insights for institutional application.

This programme would not have been successful without the tireless efforts of our organizing team, the visionary support of our university leadership, and the active participation of our attendees. I extend my sincere gratitude to everyone involved. I am confident that the discussions and takeaways will foster a quality-centric mindset among faculty and administrators alike. Let us continue to engage, improve, and inspire, keeping quality at the centre of every academic endeavour.

A handwritten signature in blue ink, appearing to read 'Prakash Panda', written over a horizontal line.

**Coordinator**  
**FDP on QAA**

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## OBJECTIVE

The primary objectives of conducting a One-Week Online Faculty Development Programme (FDP) on Quality Assurance and Accreditation) are:

- To enhance the understanding of quality assurance mechanisms in higher education institutions.
- To familiarize faculty with the frameworks and processes of **NAAC, NBA, and NIRF** accreditation systems.
- To build capacity for preparing institutional reports such as **Self-Study Report (SSR)** and **Self-Assessment Report (SAR)**.
- To develop insights into **Outcome-Based Education (OBE)**, institutional benchmarking, and international accreditation standards.
- To share best practices and case studies for continuous quality improvement and academic excellence.
- To align institutional policies and practices with the vision of **NEP 2020** and global quality standards

## EXPERT MEMBERS

Sl. No.	Name	Affiliation
1	Dr. Neeraj Varshney	GLA University, Mathura (Ganesh Lal Agrawal University, Uttar Pradesh)
2	Dr. G. Janardhanan	National Institute of Technical Teachers Training and Research (NITTTR), Chennai
3	Prof. Amiya Kumar Rath	Vice Chancellor, Biju Patnaik University of Technology (BPUT), Odisha
4	Dr. E.S.M. Suresh	National Institute of Technical Teachers Training and Research (NITTTR), Chennai
5	Dr. Rayapati Subbarao	National Institute of Technical Teachers Training and Research (NITTTR), Kolkata
6	Dr. Mahendra Chinthala	National Institute of Technology (NIT), Rourkela
7	Dr. Manoj Kumar Moharana	National Institute of Technology (NIT), Rourkela
8	Dr. Ramakrishna Malkapuram	Vignan's Foundation for Science, Technology and Research (Deemed to be University), Andhra Pradesh
9	Dr. Souvik Das	National Institute of Technology (NIT), Rourkela
10	Dr. Jyothi Yarlagadda	Vignan's Foundation for Science, Technology and Research (Deemed to be University), Andhra Pradesh

## SCHEDULE

### Day 1: Introduction to Quality Assurance and Accreditation (19th May 2025)

Time	Session Title	Speaker/Facilitator
09:15 AM – 09:45 AM	Inauguration & Opening Remarks	Chief Guest / Organizer
09:45 AM – 11:45 AM	Understanding Quality Assurance in Higher Education	Dr. Neeraj Varshney, GLA University, Mathura
11:45 AM – 11:50 AM	<b>Break</b>	
11:50 AM – 01:50 PM	Accreditation Landscape in India	Dr. G. Janardhanan, NITTTR Chennai
01:50 PM – 03:00 PM	<b>Lunch Break</b>	
03:00 PM – 05:00 PM	Policy Framework and Regulatory Bodies	Prof. Amiya Kumar Rath, VC, BPUT Odisha

### Day 2: NAAC Accreditation Process and Criteria (20th May 2025)

Time	Session Title	Speaker/Facilitator
09:00 AM – 11:00 AM	NAAC Accreditation – An Overview	Prof. Amiya Kumar Rath, VC, BPUT, Odisha
11:00 AM – 11:30 AM	<b>Break</b>	
11:30 AM – 01:30 PM	NAAC Criteria-Based Evaluation	Dr. E.S.M. Suresh, NITTTR Chennai
01:30 PM – 03:00 PM	<b>Lunch Break</b>	
03:00 PM – 05:00 PM	Preparation for NAAC Assessment	Prof. Amiya Kumar Rath, VC, BPUT, Odisha

### Day 3: NBA Accreditation – Criteria, Process, and Best Practices (21st May 2025)

Time	Session Title	Speaker/Facilitator
09:00 AM – 11:00 AM	NBA Accreditation – An Overview	Dr. Rayapati Subbarao, NITTTR Kolkata
11:00 AM – 11:30 AM	<b>Break</b>	
11:30 AM – 01:30 PM	Outcome-Based Education (OBE) and NBA	Mahendra Chinthala, NIT Rourkela
01:30 PM – 03:00 PM	<b>Lunch Break</b>	

<b>Time</b>	<b>Session Title</b>	<b>Speaker/Facilitator</b>
03:00 PM – 05:00 PM	NBA Accreditation Process & Documentation	Dr. Rayapati Subbarao, NITTTR Kolkata

#### **Day 4: Ranking Frameworks and Institutional Benchmarking (22nd May 2025)**

<b>Time</b>	<b>Session Title</b>	<b>Speaker/Facilitator</b>
09:00 AM – 11:00 AM	National Institutional Ranking Framework (NIRF)	Manoj Kumar Moharana, NIT Rourkela
11:00 AM – 11:30 AM	<b>Break</b>	
11:30 AM – 01:30 PM	Institutional Benchmarking for Quality Enhancement	Dr. Ramakrishna Malkapuram, Vignan University
01:30 PM – 03:00 PM	<b>Lunch Break</b>	
03:00 PM – 05:00 PM	International Accreditation and Ranking Systems	Manoj Kumar Moharana, NIT Rourkela

#### **Day 5: Continuous Quality Improvement & Best Practices (23rd May 2025)**

<b>Time</b>	<b>Session Title</b>	<b>Speaker/Facilitator</b>
09:00 AM – 11:00 AM	Continuous Quality Improvement (CQI) Models	Dr. Souvik Das, NIT Rourkela
11:00 AM – 11:30 AM	<b>Break</b>	
11:30 AM – 01:30 PM	Best Practices in Quality Assurance & Accreditation	Dr. Jyothi Yarlagadda, VFSTR University
01:30 PM – 04:00 PM	<b>Quiz Test, Feedback</b>	
04:00 PM – 04:30 PM	<b>Valedictory, Feedback</b>	

## INAUGURAL SESSION

### AGENDA

Time	Event	Speaker/Facilitator
9:15 AM	Start of the Inauguration	Introduction of Guests by Dr. Subhendu Kumar Rath, Deputy Registrar, BPUT, Odisha
9:17 – 9:20 AM	BPUT Anthem	--
9:20 – 9:23 AM	Welcome Address	Dr. D. C. Rao, Secretary, AIU-AADC-BPUT
9:23 – 9:26 AM	Address	Prof. Sujit Kumar Khuntia, Director, Curriculum Development, BPUT, Odisha
9:26 – 9:29 AM	Address by Chief Guest	Prof. Amiya Kumar Rath, Vice Chancellor, BPUT, Odisha
9:29 – 9:30 AM	Vote of Thanks	Dr. Prakash Kumar Panda, Associate professor, Department of ECE, CUPGS, BPUT, Odisha

### MINUTES OF THE INAUGURAL SESSION

The inaugural session of the *One-Week Online Faculty Development Programme (FDP) on Quality Assurance and Accreditation*, organized by BPUT Odisha in association with AIU-AADC-BPUT, was held on **19th May 2025**.

#### 1. Start of the Inauguration (9:15 AM):

The session commenced with the introduction of the guests by **Dr. Subhendu Kumar Rath**, Deputy Registrar, BPUT, Odisha. He warmly welcomed the dignitaries, participants, and expert speakers to the FDP.

#### 2. BPUT Anthem (9:17 – 9:20 AM):

The university anthem of BPUT was played, invoking institutional pride and solemnity in the virtual gathering.

#### 3. Welcome Address (9:20 – 9:23 AM):

**Dr. D. C. Rao**, Secretary, AIU-AADC-BPUT delivered the welcome address, highlighting the importance of quality assurance in higher education and the objective of this FDP in empowering faculty members with accreditation knowledge.

#### 4. Address by Director, Curriculum Development (9:23 – 9:26 AM):

**Prof. Sujit Kumar Khuntia**, Director of Curriculum Development, BPUT, Odisha addressed the audience. He emphasized aligning curriculum and teaching strategies with accreditation requirements and global standards to enhance institutional effectiveness.

**5. Address by Chief Guest (9:26 – 9:29 AM):**

The Chief Guest, **Prof. Amiya Kumar Rath**, Vice Chancellor, BPUT, Odisha, shared his insights on the role of NEP 2020, the relevance of NAAC/NBA/NIRF frameworks, and the collective responsibility of institutions in achieving excellence through accreditation processes.

**6. Vote of Thanks (9:29 – 9:30 AM):**

The inaugural session concluded with a formal vote of thanks delivered by **Dr. Prakash Kumar Panda**, Associate Professor, Department of ECE, CUPGS, BPUT, Odisha. He expressed gratitude to all dignitaries, speakers, organizers, and participants for their presence and support.

The inaugural session effectively set the tone for the FDP, bringing clarity to the goals of quality assurance and accreditation in higher education. It motivated the participants to engage meaningfully in the upcoming technical sessions.

## MINUTES OF THE SESSION

### SESSION: 1

**Topic:** Understanding Quality Assurance in Higher Education

**Speaker/Expert:** Dr. Neeraj Varshney, GLA University, Mathur

#### Minutes of the Session:

- The session commenced with a warm welcome and introduction of the expert speaker by the session moderator.
  - Dr. Varshney began by explaining the foundational concepts of quality assurance in higher education.
  - He highlighted the significance of maintaining academic standards and stakeholder trust.
  - Global quality assurance frameworks such as EQAR and INQAAHE were introduced.
  - Indian mechanisms like NAAC, NBA, and NIRF were briefly contextualized within the national landscape.
  - The speaker emphasized the importance of internal quality assurance cells (IQAC) in universities.
  - Faculty roles in ensuring outcome-driven teaching and continuous improvement were discussed.
  - He stressed the link between institutional reputation and adherence to quality benchmarks.
  - Real-life scenarios were used to illustrate successful quality enhancement strategies.
  - A brief discussion followed on challenges in implementing QA mechanisms in Tier-II institutions.
  - The moderator expressed gratitude to the expert, summarized key points, and concluded the session.
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## **SESSION: 2**

**Topic:** Accreditation Landscape in India

**Speaker/Expert:** Dr. G. Janardhanan, National Institute of Technical Teachers Training and Research (NITTTR), Chennai

### **Minutes of the Session:**

- The session commenced with a warm welcome and introduction of the expert speaker by the session moderator.
  - Dr. Janardhanan gave a comparative overview of major Indian accreditation agencies – NAAC, NBA, and NIRF.
  - He clarified distinctions between institutional and program-level accreditations.
  - Accreditation cycles, grading systems, and validity periods were detailed.
  - The evolution and revisions in frameworks post-NEP 2020 were explored.
  - The strategic role of data and documentation in institutional assessment was emphasized.
  - Case examples were used to illustrate the impact of accreditation on academic and administrative decisions.
  - The expert addressed misconceptions and myths around accreditation hurdles.
  - He encouraged institutions to see accreditation as a developmental tool, not a compliance burden.
  - The session featured queries on accreditation timelines and readiness indicators.
-

### **SESSION: 3**

**Topic:** Policy Framework and Regulatory Bodies

**Speaker/Expert:** Prof. Amiya Kumar Rath, Vice Chancellor, BPUT, Odisha

#### **Minutes of the Session:**

- The session commenced with a warm welcome and introduction of the expert speaker by the session moderator.
  - Prof. Rath provided a regulatory overview involving UGC, AICTE, MHRD, and their roles in QA.
  - He analyzed the vision and implementation strategies of NEP 2020 related to accreditation.
  - The speaker stressed harmonizing institutional practices with national academic standards.
  - International regulations and equivalence models were briefly touched upon.
  - Importance of digital transformation and e-governance in quality compliance was emphasized.
  - Prof. Rath suggested integration of local needs with global benchmarking tools.
  - He encouraged HEIs to align their policies with SDGs and lifelong learning frameworks.
  - Practical suggestions were offered for creating policy-backed QA documentation.
  - The interactive segment brought forward issues with dual regulatory approvals.
  - The moderator expressed gratitude to the expert, summarized key points, and concluded the session.
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## **SESSION: 4**

**Topic:** NAAC Accreditation – An Overview

**Speaker/Expert:** Prof. Amiya Kumar Rath, Vice Chancellor, BPUT, Odisha

### **Minutes of the Session:**

- The session commenced with a warm welcome and introduction of the expert speaker by the session moderator.
  - Prof. Rath introduced the Revised Accreditation Framework (RAF) of NAAC.
  - He outlined eligibility, IQA process, and data submission protocols.
  - Components of the assessment: qualitative metrics (QIM) and quantitative metrics (QnM) were clarified.
  - Online submission procedures, peer team visits, and DVV validation were explained.
  - Key terms such as CGPA, weighted average, and NAAC grading were elaborated.
  - The expert highlighted critical areas where institutions often lose grades.
  - Success stories of institutions that improved their NAAC score were shared.
  - Prof. Rath offered practical tips for documentation and student involvement in SSR preparation.
  - The speaker responded to participant queries on cycle gaps and AQAR compliance.
  - The moderator expressed gratitude to the expert, summarized key points, and concluded the session.
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## **SESSION: 5**

**Topic:** NAAC Criteria-Based Evaluation

**Speaker/Expert:** Dr. E.S.M. Suresh, NITTTR Chennai

### **Minutes of the Session:**

- The session commenced with a warm welcome and introduction of the expert speaker by the session moderator.
  - Dr. Suresh presented a structured overview of the seven criteria used by NAAC for institutional evaluation.
  - He provided practical interpretations of “Curricular Aspects” and “Teaching-Learning & Evaluation.”
  - Emphasis was placed on evidence-based inputs for “Research, Innovation & Extension” and “Infrastructure.”
  - Best practices under “Student Support” and “Governance & Leadership” were shared.
  - Detailed insights into “Institutional Values and Best Practices” were explained using real cases.
  - The expert discussed the role of IQAC in streamlining data collection and reporting.
  - Participants were advised on using KPIs and benchmarking tools within each criterion.
  - The speaker also covered common errors in metric submissions and SSR documentation.
  - He answered participant questions related to interdisciplinary programs and extension activities.
  - The moderator expressed gratitude to the expert, summarized key points, and concluded the session.
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## **SESSION: 6**

**Topic:** Preparation for NAAC Assessment

**Speaker/Expert:** Prof. Amiya Kumar Rath, Vice Chancellor, BPUT, Odisha

### **Minutes of the Session:**

- The session commenced with a warm welcome and introduction of the expert speaker by the session moderator.
  - Prof. Rath began by outlining the overall process for preparing the Self-Study Report (SSR) and IQA.
  - He stressed aligning institutional practices with NAAC's quantitative and qualitative metrics.
  - Importance of data validation & verification (DVV) protocols was explained in detail.
  - The expert shared checklists and templates for evidence collection and documentation.
  - Insights into forming an internal accreditation task force and calendarization were provided.
  - He highlighted successful practices from institutions that achieved A and A+ grades.
  - Common pitfalls in SSR preparation, such as data inconsistencies and missing links, were discussed.
  - The expert encouraged regular AQAR submission and transparency in stakeholder communication.
  - He addressed queries related to uploading supplementary files and use of ICT.
  - The moderator expressed gratitude to the expert, summarized key points, and concluded the session.
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## **SESSION: 7**

**Topic:** NBA Accreditation – An Overview

**Speaker/Expert:** Dr. Rayapati Subbarao, NITTTR Kolkata

### **Minutes of the Session:**

- The session commenced with a warm welcome and introduction of the expert speaker by the session moderator.
  - Dr. Subbarao introduced the NBA accreditation process, focusing on program-level assessments.
  - He explained the significance of the Washington Accord and its global recognition of NBA.
  - Key differences between NBA and NAAC in scope, assessment style, and outcomes were discussed.
  - The speaker outlined eligibility criteria and SAR (Self-Assessment Report) structure.
  - Quantitative criteria and evaluation rubrics were presented with practical scoring examples.
  - Institutional preparedness and faculty contributions in SAR preparation were emphasized.
  - The role of department-level quality culture in sustaining NBA status was explained.
  - Participants received guidance on setting up outcome-mapping processes.
  - Questions about NBA's applicability to non-engineering disciplines were addressed.
  - The moderator expressed gratitude to the expert, summarized key points, and concluded the session.
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## **SESSION: 8**

**Topic:** Outcome-Based Education (OBE) and NBA

**Speaker/Expert:** Dr. Mahendra Chinthala, NIT Rourkela

### **Minutes of the Session:**

- The session commenced with a warm welcome and introduction of the expert speaker by the session moderator.
  - Dr. Chinthala introduced the core philosophy and structure of Outcome-Based Education (OBE).
  - He defined PEOs (Program Educational Objectives), POs (Program Outcomes), and COs (Course Outcomes).
  - Mapping strategies and attainment measurement techniques were elaborated.
  - The concept of curriculum alignment and backward design was demonstrated.
  - Bloom's taxonomy was used as a guide for defining COs and framing assessment questions.
  - Examples of rubrics and tools for direct and indirect assessment were shared.
  - Faculty roles in closing the assessment loop and improving attainment were emphasized.
  - Real-time tools and software for OBE documentation were briefly demonstrated.
  - Participants discussed challenges in implementing CO-PO mapping in multidisciplinary programs.
  - The moderator expressed gratitude to the expert, summarized key points, and concluded the session.
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## **SESSION: 9**

**Topic:** NBA Accreditation Process & Documentation

**Speaker/Expert:** NBA Accreditation Process & Documentation

### **Minutes of the Session:**

- The session commenced with a warm welcome and introduction of the expert speaker by the session moderator.
  - Dr. Subbarao walked through the detailed process of preparing for NBA accreditation.
  - The 10-criteria evaluation model used by NBA was thoroughly explained.
  - Preparation of the Self-Assessment Report (SAR) was emphasized as a critical step.
  - The importance of aligning SAR content with OBE and assessment data was highlighted.
  - Roles of program coordinators and internal quality committees were clarified.
  - He advised on presenting data using well-formatted tables and outcome maps.
  - Tools and templates for SAR documentation and evidence management were introduced.
  - Tips for pre-visit readiness and faculty interaction during NBA team visits were shared.
  - Challenges in sustaining NBA accreditation beyond the first cycle were discussed.
  - The moderator expressed gratitude to the expert, summarized key points, and concluded the session.
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## **SESSION: 10**

**Topic:** National Institutional Ranking Framework (NIRF)

**Speaker/Expert:** Dr. Manoj Kumar Moharana, NIT Rourkela

### **Minutes of the Session:**

- The session commenced with a warm welcome and introduction of the expert speaker by the session moderator.
  - Dr. Moharana gave an overview of the NIRF Ranking System initiated by the Ministry of Education.
  - He explained the five major NIRF parameters and their assigned weightage.
  - Sub-parameters under each domain (Teaching, Research, Graduation Outcome, Outreach, Perception) were elaborated.
  - The speaker showed NIRF score computation using real institutional data.
  - Strategies to improve performance in underperforming parameters were shared.
  - Case studies from top-ranking institutions were analyzed to highlight good practices.
  - The importance of accurate data entry and validation on the NIRF portal was emphasized.
  - Common data errors and reporting delays that impact institutional ranks were cautioned against.
  - Participants raised questions on perception scores and peer benchmarking.
  - The moderator expressed gratitude to the expert, summarized key points, and concluded the session.
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## **SESSION: 11**

**Topic:** Institutional Benchmarking for Quality Enhancement

**Speaker/Expert:** Dr. Ramakrishna Malkapuram, Vignan University

### **Minutes of the Session:**

- The session commenced with a warm welcome and introduction of the expert speaker by the session moderator.
  - Dr. Malkapuram introduced the concept and importance of benchmarking in higher education.
  - He differentiated between competitive and collaborative benchmarking strategies.
  - Key Performance Indicators (KPIs) used for academic, administrative, and research benchmarking were discussed.
  - Institutional benchmarking frameworks such as QS Stars and U-Multirank were introduced.
  - The role of internal quality assurance mechanisms in enabling benchmark alignment was explained.
  - He shared case studies from institutions that improved performance through benchmarking.
  - Participants were guided on how to select peer institutions and measure gaps.
  - Tools for visualizing and tracking quality indicators over time were demonstrated.
  - Recommendations were provided for integrating benchmarking into institutional strategy plans.
  - The moderator expressed gratitude to the expert, summarized key points, and concluded the session.
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## **SESSION: 12**

**Topic:** International Accreditation and Ranking Systems

**Speaker/Expert:** Dr. Manoj Kumar Moharana, NIT Rourkela

### **Minutes of the Session:**

- The session commenced with a warm welcome and introduction of the expert speaker by the session moderator.
  - Mr. Moharana explained the structure and criteria of major international ranking systems: QS and THE.
  - Key differences between global and national ranking frameworks were discussed.
  - International accreditation bodies such as AACSB, ABET, and EQUIS were introduced.
  - Relevance of global recognition for institutional visibility and collaborations was emphasized.
  - The expert explained documentation and evidence required for international evaluations.
  - Practical tips were given on participating in ranking surveys and data audits.
  - Examples of Indian institutions gaining international accreditations were cited.
  - Queries on cost, readiness, and impact of international benchmarking were addressed.
  - Suggestions were provided for phased progress toward global ranking inclusion.
  - The moderator expressed gratitude to the expert, summarized key points, and concluded the session.
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## **SESSION: 13**

**Topic:** Continuous Quality Improvement (CQI) Models

**Speaker/Expert:** Dr. Souvik Das, NIT Rourkela

### **Minutes of the Session:**

- The session commenced with a warm welcome and introduction of the expert speaker by the session moderator.
  - Dr. Das introduced the concept of Continuous Quality Improvement (CQI) in institutional processes.
  - The Plan-Do-Check-Act (PDCA) model was explained as a practical CQI approach.
  - Emphasis was placed on evidence-based interventions and iterative refinement cycles.
  - CQI practices in teaching-learning, curriculum development, and evaluation were shared.
  - Methods for establishing CQI indicators and collecting outcome data were discussed.
  - The speaker stressed institutional culture, leadership, and stakeholder feedback in CQI success.
  - Tools and dashboards for monitoring progress and quality goals were demonstrated.
  - Real-world examples from engineering and management institutes were cited.
  - Participants asked questions about CQI at the department level and reporting cycles.
  - The moderator expressed gratitude to the expert, summarized key points, and concluded the session.
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## **SESSION: 14**

**Topic:** Best Practices in Quality Assurance & Accreditation

**Speaker/Expert:** Dr. Jyothi Yarlagadda, VFSTR University

### **Minutes of the Session:**

- The session commenced with a warm welcome and introduction of the expert speaker by the session moderator.
  - Dr. Yarlagadda presented a curated set of best practices from NAAC/NBA-accredited institutions.
  - Categories of best practices included teaching innovation, student support, and governance.
  - The importance of documentation and replicability in NAAC best practices was explained.
  - The speaker encouraged use of ICT tools and community engagement models.
  - Case studies from both private and public institutions were discussed.
  - Participants were guided on identifying and submitting their own best practices in SSR.
  - Strategies to embed best practices into institutional policies were recommended.
  - The speaker addressed challenges in sustaining and scaling innovations.
  - Participants shared institutional examples, leading to a productive discussion.
  - The moderator expressed gratitude to the expert, summarized key points, and concluded the session.
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## VALEDICTORY SESSION

### AGENDA

Time	Event	Speaker/Facilitator
04:00 PM	Start of the Valedictory	Introduction of Guests by Mr. Ashish Kumar Mohanty, Research Scholar, BPUT, Odisha
4:02 – 4:05 PM	BPUT Anthem	--
4:05 – 04:07 PM	Address by Coordinator	Dr. D. Chandrasekhar Rao, Secretary, AIU-AADC-BPUT
4:07 – 4:10 PM	Address by Director CD	Prof. Sujit Kumar Khuntia, Director, Curriculum Development, BPUT, Odisha
4:07 – 4:10 PM	Address By Guest of Honor	Mrs. Ranjana Parihar, Joint Secretary, Association of Indian Universities
4:10 – 4:13 PM	Address by Chief Guest	Prof. Amiya Kumar Rath, Vice Chancellor, BPUT, Odisha
4:13 – 4:15 PM	Vote of Thanks by Co-Coordinator	Dr. Prakash Kumar Panda, Associate Prof. Dept. of ECE, CUPGS, BPUT, Odisha

#### Proceedings of the Session:

- The session commenced with a warm **introduction of the distinguished guests** by **Mr. Ashish Kumar Mohanty**, Research Scholar, BPUT Odisha. He welcomed the dignitaries, resource persons, and participants, and shared an overview of the FDP's objectives, which focused on understanding accreditation frameworks, implementing quality assurance mechanisms, and fostering institutional excellence.
- At 4:02 PM, the **BPUT Anthem** was played, symbolizing collective pride and commitment to the mission of higher education.
- **Dr. D. Chandrasekhar Rao**, Secretary, AIU-AADC-BPUT, in his **Coordinator's Address**, summarized the week-long sessions that covered NAAC/NBA processes, quality metrics, internal quality assurance systems, and case studies from leading institutions. He stressed the need for institutional self-evaluation and stakeholder involvement in building robust quality cultures.
- **Prof. Sujit Kumar Khuntia**, Director, Curriculum Development, BPUT Odisha, highlighted the growing expectations from higher education institutions to deliver measurable outcomes, maintain transparency, and continuously raise academic and

administrative standards. He called for proactive planning and collaborative efforts to meet these challenges.

- The **Guest of Honor, Mrs. Ranjana Parihar**, Joint Secretary, Association of Indian Universities, underlined that quality assurance is a collective institutional mindset rather than a one-time activity. She urged faculty to internalize accreditation standards and align them with their teaching, research, and governance roles to build trust and relevance.
- The **Chief Guest, Prof. Amiya Kumar Rath**, Vice Chancellor, BPUT Odisha, delivered an inspiring keynote emphasizing that quality must permeate every layer of institutional functioning — from curriculum design to student engagement, research outcomes to community outreach. He reminded participants that accreditation not only validates an institution's credibility but also drives continuous institutional transformation.
- The session concluded with a **Vote of Thanks** by **Dr. Prakash Kumar Panda**, Associate Professor, Dept. of ECE & Co-Coordinator, who acknowledged the commitment of the resource persons, the enthusiasm of the participants, and the tireless efforts of the organizing team in making the FDP impactful and meaningful.

The session ended at 4:15 PM, with a renewed sense of purpose among participants to embed quality as a core value and to strive for excellence in higher education.

## SUMMARY

The *One-Week Online Faculty Development Programme (FDP)* on **Quality Assurance and Accreditation (QAA)**, jointly organized by **Biju Patnaik University of Technology (BPUT), Odisha** in collaboration with the **Association of Indian Universities – Academic and Administrative Development Centre (AIU-AADC-BPUT)**, was held from **19th to 23rd May 2025**.

The FDP commenced with an inaugural session graced by **Prof. Amiya Kumar Rath**, Hon'ble Vice Chancellor of BPUT, as the Chief Guest. The inauguration set the tone for a week of intense learning, reflection, and dialogue on institutional excellence. Over five days, the FDP delivered **14 technical sessions**, each meticulously planned to cover key domains such as NAAC and NBA accreditation frameworks, NIRF ranking system, Outcome-Based Education (OBE), Continuous Quality Improvement (CQI), institutional benchmarking, and international accreditation standards. Esteemed resource persons from premier institutions like **NITTTR Chennai & Kolkata, NIT Rourkela, Vignan University, and GLA University Mathura** led the sessions, ensuring both depth and practical relevance.

The first day provided foundational insights into the importance of quality in higher education, the national accreditation landscape, and policy frameworks such as **UGC, AICTE, and NEP 2020**.

Day two was dedicated to **NAAC accreditation**, where speakers explored the **Revised Accreditation Framework (RAF)**, self-study report preparation, and the seven evaluative criteria of NAAC.

Day three shifted focus to **NBA accreditation and Outcome-Based Education (OBE)**. Sessions included detailed discussions on PEOs, POs, and COs, as well as SAR documentation, OBE mapping, and the significance of the Washington Accord in ensuring global mobility and recognition of Indian qualifications.

Day four dealt with **ranking and benchmarking**, especially the **NIRF system**. Participants learned about ranking parameters, strategies for score improvement, and institutional benchmarking techniques using KPIs. A session on **international accreditation bodies** (like AACSB, ABET, EQUIS) and ranking systems (QS and THE) helped contextualize India's institutions within the global academic environment.

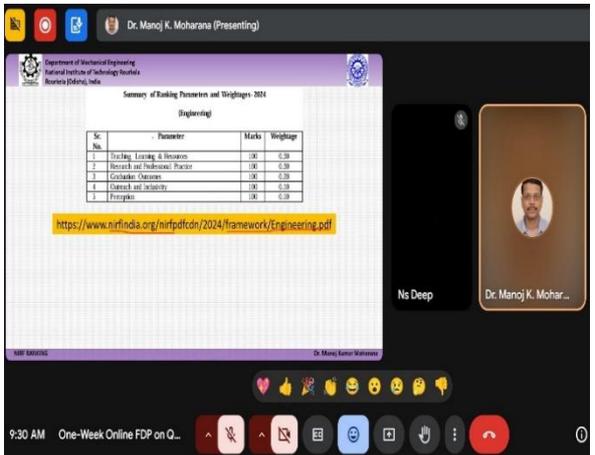
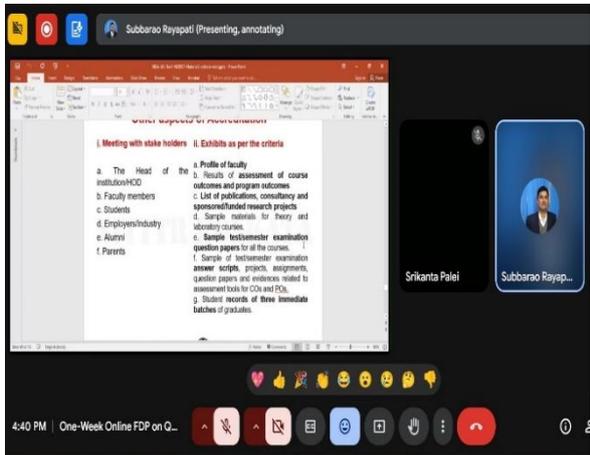
The final day addressed **continuous quality improvement models**, particularly the **PDCA cycle**, and best practices adopted by top-performing institutions.

Throughout the FDP, participants engaged actively in Q&A segments, shared institutional experiences, and discussed the challenges of documentation, data integrity, and policy compliance.

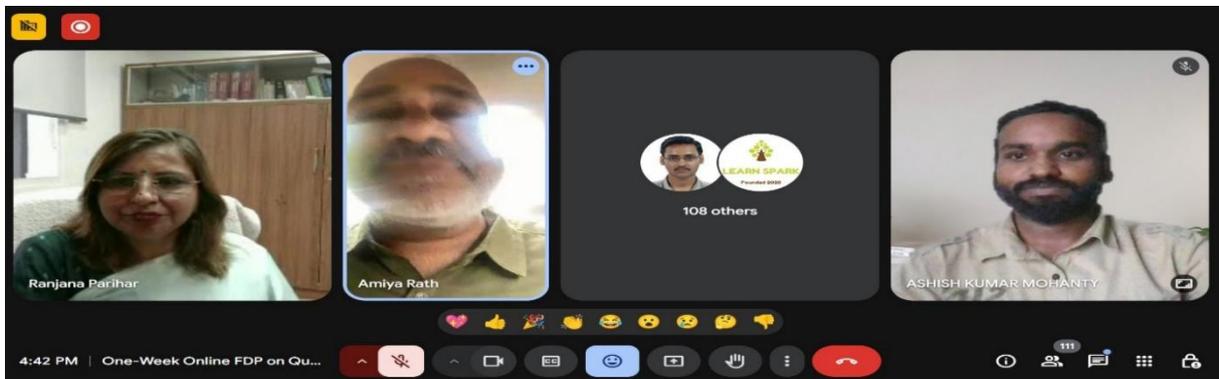
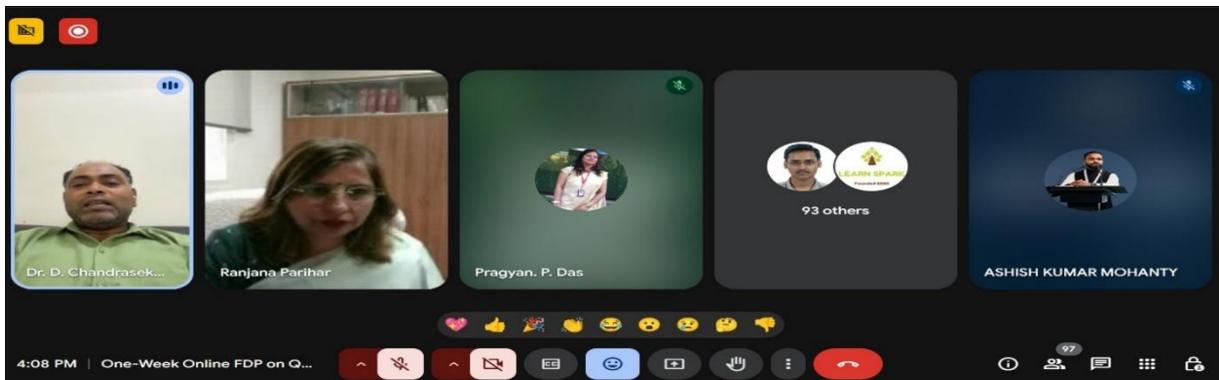
In essence, this FDP provided a holistic, forward-looking approach to quality assurance. It not only enhanced faculty capacity but also inspired a shared institutional vision for academic

excellence, making it a valuable milestone in BPUT's ongoing commitment to fostering a quality-driven academic culture.

PICTURE GALLERY



### PICTURE GALLERY



# ABOUT US

The Biju Patnaik University of Technology (BPUT), located in Rourkela, Odisha, was established in November 2002 by an Act of the Government of Odisha. Its primary objective is to ensure high-quality technical education across the state through a common curriculum and uniform evaluation standards.

The foundation stone for BPUT was laid in 2003 by Dr. A.P.J. Abdul Kalam, then Hon'ble President of India. Since then, the university has expanded significantly, now including 137 affiliated and constituent colleges and serving a student population exceeding 100,000. BPUT offers a wide range of undergraduate and postgraduate programs in fields such as Engineering, Architecture, Business Management, and Computer Applications. It is also a leading institution for Ph.D. programs across various disciplines.

BPUT boasts a vast alumni network, with over 100,000 graduates contributing globally to industries, academia, and research. The university actively fosters innovation and collaboration through events like the BPUT Research Conclave, BPUT Hackathon, BPUT Tech Carnival, and BPUT Industry-Academia Conclave. Annually, BPUT also hosts several Faculty Development Programs (FDPs) to enhance educators' skills and knowledge.

BPUT is committed to academic excellence, research, and industry partnerships, aiming to prepare future engineers, architects, and managers for success. The university operates on the philosophy of "Think Good, Do Good, Be Good," viewing education as a service rather than a business. Its dynamic model, coupled with qualified faculty, skilled staff, and excellent infrastructure, makes it a highly sought-after institution for technical education.



<https://www.bput.ac.in/>

