A
REPORT
On

The Workshop on 'Implementation of National Education Policy (NEP) 2020 for Technical & Professional Education in Odisha' & Award Ceremony of BPUT Tech Carnival 2024

(Organized by Biju Patnaik University of Technology, Rourkela at Rail Auditorium, Chandrasekharpur, Bhubaneswar)

WORKSHOP

ON

IMPLEMENTATION OF NEP 2020 FOR

TECHNICAL & PROFESSIONAL EDUCATION IN ODISHA

&

AWARD CEREMONY OF BPUT TECH CARNIVAL 2024

11TH APRIL, 2025

Rail Auditorium, Chandrasekharpur, Bhubaneswar

Date: 11-04-2025

Submitted by
Dr. Chandrabhanu Malla (Dean Academics)

A Brief Description of the Workshop on 'Implementation of NEP 2020 for Technical & Professional Education in Odisha' & Award Ceremony of BPUT Tech Carnival 2024

Date: **11th April, 2025 (03:00 PM Onwards)**

Organized by: **Biju Patnaik University of Technology (BPUT), Rourkela (Odisha)**

Participants:

1. **Dr. Rebecca Bhattacharya, Member-Management Committee**
2. **Dr. Subash Ranjan Kabat, Principal**
3. **Dr. Chandrabhanu Malla, Dean Academics**
4. **Prof. Chanchal Mukherjee, HOD MBA**
5. **Prof. Alok Nath, HOD CSE/CoE/MCA**
6. **Prof. Priyanka Shit, Asst. Prof., CSE**
7. **Prof. Prateek Das, Asst. Prof., ME**
8. **Prof. Nibedita Behera, Asst. Prof., CE**
9. **Prof. Pragyanjit Jena, Asst. Prof., EE along with the Faculty members and Students of all Constituent and Affiliated Colleges of BPUT.**

Venue: **Rail Auditorium, Chandrasekharpur, Bhubaneswar**.

Introduction:

On 11th April 2025, the Biju Patnaik University of Technology (BPUT), Odisha, successfully organized a state-level Workshop on "Implementation of NEP 2020 for Technical & Professional Education in Odisha", followed by the Award Ceremony of the BPUT Tech Carnival 2024, at the Rail Auditorium, Chandrasekharpur, Bhubaneswar. The event was aimed at deliberating the roadmap of the National Education Policy 2020 within the context of technical and professional education in Odisha, and to celebrate the talents and innovations showcased during the Tech Carnival 2024.

Inaugural Session:

The program began at 3:00 PM with a solemn inaugural session marked with the soulful rendition of the BPUT Anthem. The host welcomed a distinguished panel of dignitaries, academicians, and delegates who had gathered for this landmark event.

Dignitaries Present:

- Prof. Amiya Kumar Rath, Vice Chancellor, BPUT, Odisha

- Prof. T. G. Sitharam, Chairman, AICTE, New Delhi

- Prof. Bibhuti Bhusan Biswal, Vice Chancellor, OUTR, Bhubaneswar

- Smt. Rashmita Panda, IAS, CEO, World Skill Centre, Bhubaneswar

Each of the dignitaries was formally introduced and felicitated on stage by offering tea-pots before proceeding with their respective addresses.

Programme Schedule:

PROGRAMME

03.30 PM	Welcome of Delegates to the Dias
03.32 PM	Offering of tree-pots to the delegates
03.37 PM	BPUT Anthem
03.40 PM	Welcome address by Prof. Amiya Kumar Rath, Vice Chancellor, BPUT, Odisha
03.55 PM	Address by the Guest of Eminence Shri Samarth Verma, IAS Director, Directorate of Technical Education & Training, Odisha
04.03 PM	Address by the Guest of Eminence Smt. Rashmita Panda, IAS Chief Executive Officer, World Skill Center, Odisha
04.11 PM	Address by the Guest of Eminence Prof. Bibhuti Bhusan Biswal, Vice Chancellor, OUTR, Bhubaneswar
04.19 PM	Address by the Guest of Eminence Shri Bhupendra Singh Poonia, IAS Commissioner-cum-Secretary to Govt., SDTE Department, Government of Odisha
04.27 PM	Address by the Guest of Eminence Prof. T. G. Sitharam, Chairman, All India Council for Technical Education, New Delhi
04.42 PM	Address by the Chief Guest Shri Sampad Chandra Swain, Hon'ble Minister of State, Industries & Skill Development & Technical Education Department, Odisha
05.07 PM	Distribution of Awards to the Winners of BPUT Tech Carnival 2024
05.30 PM	Felicitation to the Venue Partner Colleges
05.40 PM	Release of BPUT News by Hon'ble Minister of State, Industries & Skill Development & Technical Education Department, Odisha
05.45 PM	Launching of BPUT e-News by Hon'ble Chairman, AICTE, New Delhi
05.50 PM	Launching of BPUT O-Jobz by the Delegates
05.55 PM	Launching of BPUT Multi International Conference-2025 (BMIC-2025)
06.00 PM	Felicitation to the Delegates by Hon'ble Vice Chancellor, BPUT, Odisha
06.05 PM	Offering of Vote of Thanks by Dr. Subhendu Kumar Rath, Deputy Registrar, BPUT, Odisha
06.10 PM	BPUT Anthem
06.13 PM	Departure of the Delegates from the Dias
06.15 PM	End of the Programme and Tea & Snacks

Workshop on NEP 2020 – Detailed Summary of Talks by Resource Persons:

The Workshop on the "Implementation of NEP 2020 for Technical & Professional Education in Odisha" was the intellectual highlight of the event. The session brought together some of the most distinguished voices in higher education and policy to discuss the vision, strategic frameworks, and localized implementation of the National Education Policy (NEP) 2020 in the state of Odisha. The session was structured as a series of keynote addresses and thematic reflections by four eminent resource persons.

Prof. Amiya Kumar Rath, Vice Chancellor, BPUT, Odisha

Prof. Rath focused on BPUT's roadmap for NEP 2020 implementation, outlining the administrative, academic, and digital steps already underway and those planned in the near future.

Key Highlights of his Talk:

Curricular Reforms: He discussed the university's initiative to redesign curriculum structures to incorporate multidisciplinary electives, skill-based modules, and research orientation from the undergraduate level.

Credit Transfer & ABC Adoption: Prof. Rath emphasized BPUT's active role in implementing the Academic Bank of Credits and encouraged colleges under its affiliation to align their records with the ABC portal.

NEP-Aligned Assessment Methods: He underlined the transition from rote-based exams to project-based, continuous, and outcome-oriented assessment.

Faculty Training & Capacity Building: Prof. Rath shared insights on the training of faculty members across Odisha through workshops, FDPs, and NEP sensitization programs.

Localized Strategy: He highlighted the need to contextualize NEP within Odisha's socio-economic and linguistic realities, emphasizing regional relevance alongside global alignment.

He encouraged institutions under BPUT to act as incubation centers of innovation and entrepreneurship.

Prof. Bibhuti Bhusan Biswal, Vice Chancellor, OUTR, Bhubaneswar

Prof. Biswal provided a pragmatic and infrastructure-centric perspective on NEP implementation, with a strong focus on collaboration and innovation ecosystems.

Key Highlights of his Talk:

Research and Innovation Emphasis: He emphasized the creation of research ecosystems in undergraduate institutions and encouraged joint industry-academia projects.

Inter-institutional Collaboration: Prof. Biswal advocated for resource sharing, joint conferences, and knowledge transfer between institutions across Odisha.

Technology Integration: He spoke about the need for digital infrastructure and encouraged the use of open educational resources, e-labs, and AR/VR tools to support immersive learning.

Institutional Autonomy and Governance: Prof. Biswal pointed out that autonomy should come with responsibility. He encouraged colleges to redefine their governance structures to become more transparent, accountable, and responsive to stakeholder needs.

His talk concluded with a call to action for institutions to embrace NEP not just as a policy mandate but as an opportunity to reinvent themselves.

Smt. Rashmita Panda, IAS, CEO, World Skill Centre, Bhubaneswar

Smt. Panda brought in a government and skills-sector perspective, focusing on the convergence of NEP 2020 with skill development and industry readiness.

Key Highlights of her Talk:

Skill-Linked Higher Education: She emphasized how NEP promotes the integration of skilling programs within the academic framework, enabling students to graduate with both degrees and employable skills.

World Skill Centre as a Model: She presented the World Skill Centre as a model of excellence in vocational and technical training, offering global-standard training to Odisha's youth.

Industry Collaboration: Smt. Panda stressed on developing institutional linkages with industries through centers of excellence, internship programs, and guest lectures.

Empowering Women and Rural Youth: She spoke about targeted policies and programs to bring rural and underrepresented youth, especially women, into mainstream higher education and employment.

She concluded by expressing the Odisha government's strong commitment to synergize NEP with the state's vision of a skilled, educated, and employable youth population.

Prof. T. G. Sitharam, Chairman, AICTE, New Delhi

Prof. T. G. Sitharam delivered the keynote address, focusing on the national vision and strategic thrusts of NEP 2020. His address was both comprehensive and visionary, outlining the structural transformation proposed under NEP and AICTE's role in its nationwide implementation.

Key Highlights of his Talk:

Holistic Multidisciplinary Education: Prof. Sitharam emphasized breaking down the silos in technical and professional education. He advocated for universities to adopt a multidisciplinary approach and encourage creativity, design thinking, and problem-solving across disciplines.

Flexible Curriculum with Multiple Entry/Exit Options: He elaborated on the Academic Bank of Credits (ABC) and the importance of creating student-centric systems that promote lifelong learning.

Skill Integration and Employability: He highlighted the need to embed skill development within degree programs, linking theory with practical applications, internships, and apprenticeships.

Digital Transformation & AICTE's Initiatives: Prof. Sitharam spoke about the ongoing digitalization of higher education and AICTE's support for platforms like SWAYAM, AICTE IDEA Labs, and virtual learning environments.

Equity and Access: He emphasized inclusion and equal opportunities for rural and marginalized learners, aligning with the larger equity goals of NEP.

He concluded by urging all stakeholders in Odisha to be proactive, experimental, and collaborative in implementing NEP at the institutional level.

Each session was followed by an interactive Q&A round, where delegates and faculty members engaged the speakers in lively discussion, seeking clarifications and suggestions for practical implementation at the grassroots level.

Key Launches and Special Segments

Following the workshop, a series of key initiatives were formally launched, underscoring BPUT's commitment to modernization, digitalization, and global outreach:

Felicitation of Venue Partner Colleges

Partner colleges who hosted various segments of the Tech Carnival 2024 were felicitated for their collaboration and contribution.

Release of "BPUT News"

A printed newsletter encapsulating major updates, achievements, and initiatives of BPUT was officially unveiled.

Launch of "BPUT e-News"

A digital newsletter platform was launched to provide stakeholders with regular updates and insights in a dynamic, accessible format.

Launch of "BPUT O-Jobz"

An exclusive online job portal created to bridge the gap between students and industry was introduced to support student placements and internships.

Launch of "BMIC 2025"

The BPUT Multi International Conference 2025 (BMIC-2025) was launched to promote international research collaboration and knowledge exchange.

Award Ceremony of BPUT Tech Carnival 2024

The Award Ceremony recognized outstanding performances by students in various competitions held under the BPUT Tech Carnival 2024. Categories included technical innovations, hackathons, coding challenges, robotics, cultural events, debates, and design.

Awards Presented:

- Best Technical Project
- Innovation Excellence Award
- Coding Champion Trophy
- Robotics Challenge Winner
- Best College Contingent

- Cultural Fiesta Champions and many more...

Trophies, medals, and certificates were awarded by the dignitaries in the presence of the cheering audience.

Felicitation of Delegates

All guest speakers, special invitees, jury members, and dignitaries were felicitated with mementos as a token of appreciation for their valuable presence and contribution to the success of the event.

Vote of Thanks

The formal Vote of Thanks was delivered by Dr. Subhendu Kumar Rath, Deputy Registrar, BPUT, Rourkela. He extended sincere gratitude to:

- The Hon'ble guests and speakers.
- Partner institutions.
- Organizing teams and volunteers.
- Faculty members and students.
- Media and technical support staff

His remarks captured the spirit of collaboration and vision that made the event impactful.
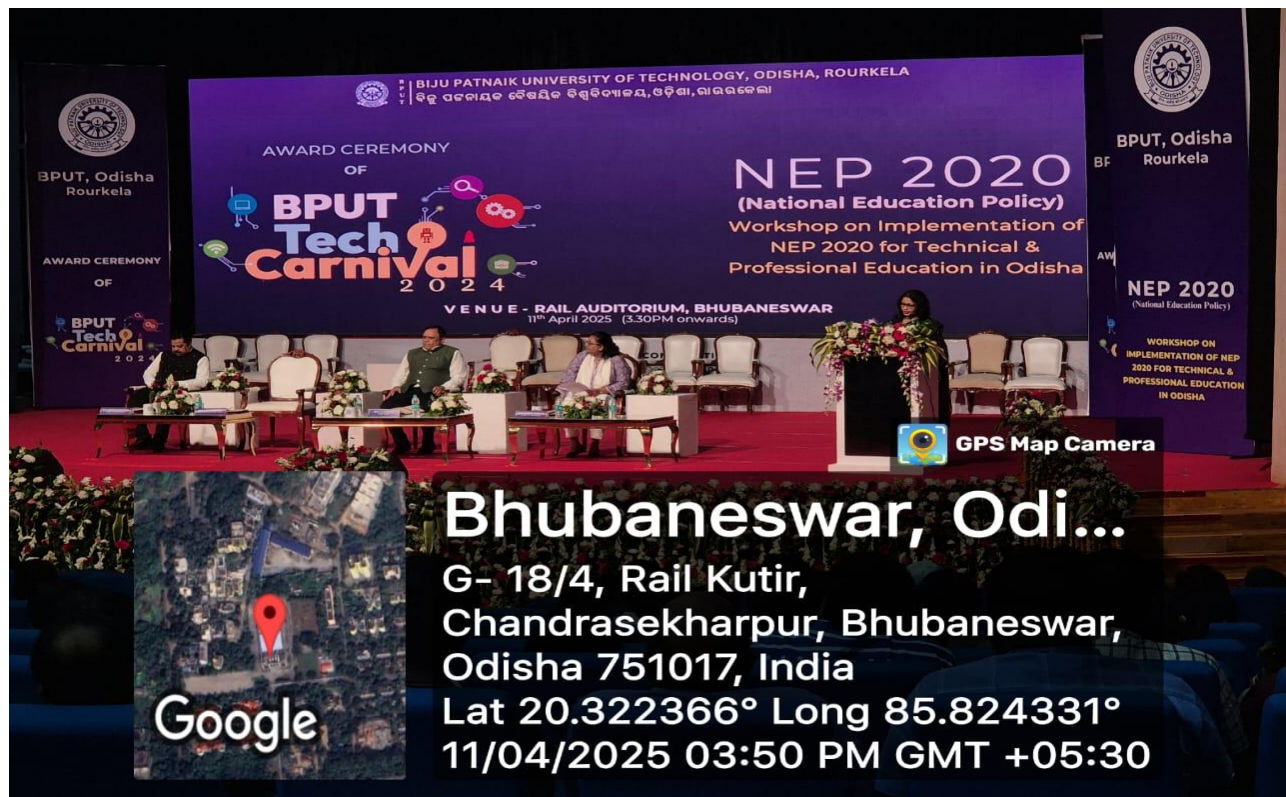
Cultural Note & Conclusion

The event concluded with the soulful rendition of the BPUT Anthem, creating a moment of unity and pride among the attendees.
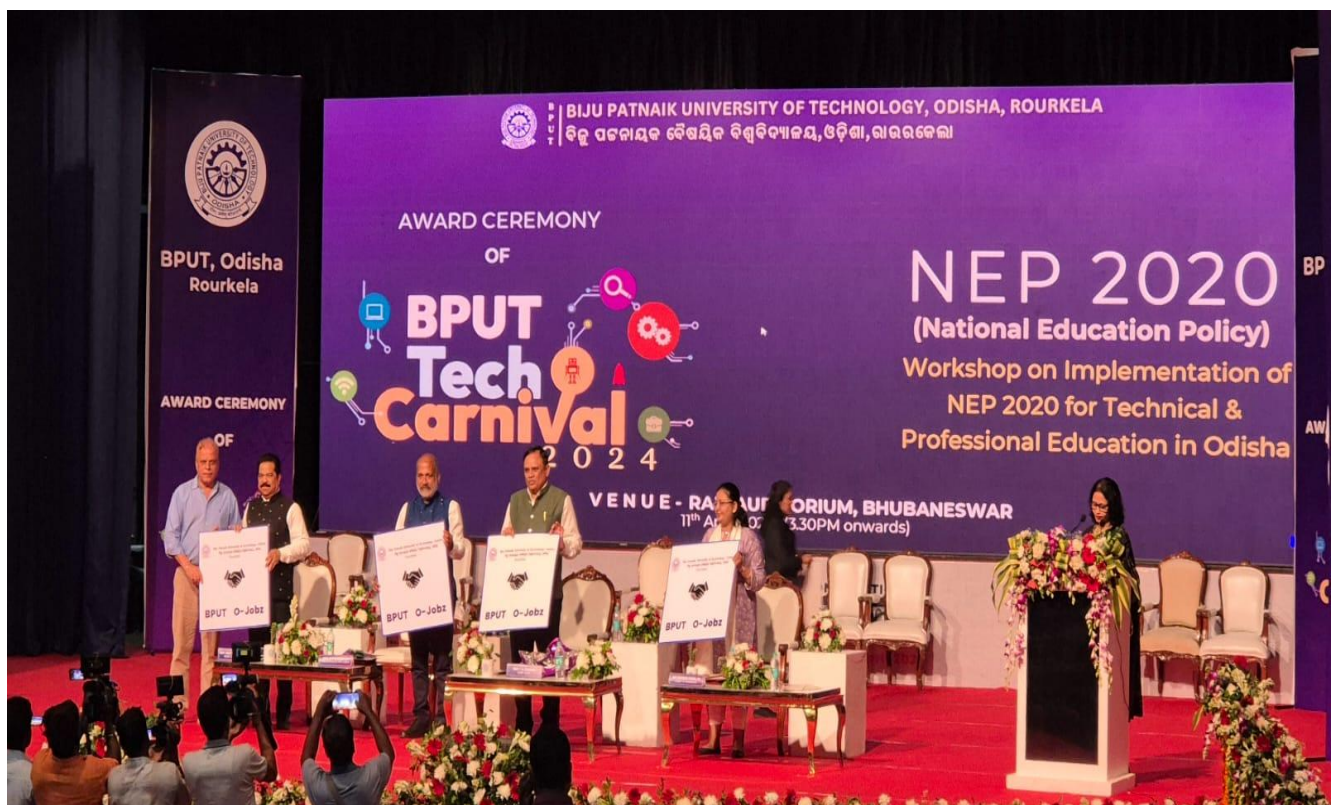
Networking & Refreshments

The formal program was followed by an informal networking session over Tea and Snacks, offering a relaxed environment for interactions among educators, students, and industry representatives.

Photographs of the Event

Bhubaneswar, Odisha, India
G- 18/4, Rail Kutir, Chandrasekharpur, Bhubaneswar, Odisha 751017, India
Lat 20.322374° Long 85.824314°
11/04/2025 03:30 PM GMT +05:30

GPS Map Camera

<u>Conclusion</u>

The workshop and award ceremony stood as a testament to BPUT's proactive steps towards implementing NEP 2020 and fostering innovation among students. The launch of various digital and academic platforms further reinforces BPUT's vision of a future-ready education ecosystem.