



बिरला प्रौद्योगिकी संस्थान BIRLA INSTITUTE OF TECHNOLOGY

(विद्यया ऽमृतम्) अखिलभारत प्रभु की कक्षा के तहत मानित विश्वविद्यालय | A Deemed to be University u/s 3 of UGC Act, 1956
मेसरा, राँची - ८३५२१५ (भारत) | MESRA, RANCHI - 835 215 (INDIA)

Metrics # 3.6.3 & 3.6.4

3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Government and Government recognised bodies during the year (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

3.6.4 Total number of students participating in extension activities listed at 3.6.3 above during the year

Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Year of the activity	Number of students participated in such activities	Evidence Page No.
Prabhat Pheri (Independence Day)	NSS	NSS	2024	200	1
Tree Plantation Drive / Ek Ped Maa Ke Naam	NSS	National Mission For A Green India (GIM)	2024	15	1
Organ Donation Drive	NSS	National Organ Transplant Programme (NOTP)	2024	50	2
Blood donation camp	NSS	Blood Transfusion Services Program	2024	200	2
Plastic Free Awareness	NSS	Clean India Mission	2024	50	3
Dengue and Malaria Awareness	NSS	National Vector Borne Disease Control Programme (NVBDCP)	2024	50	3
Nasha Mukhti Abhiyan	NSS	Nasha Mukht Bharat Abhiyaan (NMBA)	2024	100	4
Say No to Junk Food Awareness	NSS	Eat Right India initiative	2024	50	4
Cyber Fraud Awareness	NSS	Indian Cyber Crime Coordination Centre Scheme (I4C)	2024	50	5
Seminar on the occasion of Youth Day	NSS	Rashtriya Yuva Sashaktikaran Karyakram (RYSK)	2025	100	5
Importance Of Education Awareness	NSS	Sarva Shiksha Abhiyan	2025	50	6
Prabhat Pheri (Republic day)	NSS	NSS	2025	200	6
Swacchh Bharat Abhiyan	NSS	Clean India Mission	2025	150	7
Save Water Save Life Awareness	NSS	Jal Shakti Abhiyan (JSA)	2025	50	7
Mental Health Awareness Seminar	NSS	National Mental Health Programme (NMHP)	2025	100	8
Blood Donation Awareness Seminar	NSS	Blood Transfusion Services Program	2025	100	8
Blood donation camp	NSS	Blood Transfusion Services Program	2025	200	9
Kargil Vijay Diwas	NCC	National Cadet Corps	2024	30	12
Independence Day	NCC	National Cadet Corps	2024	125	12
ADG NCC Visit	NCC	National Cadet Corps	2024	65	13
Puneet Sagar Abhiyan	NCC	Social Service and Community Development	2024	87	14

Anurag
Dean of Student Affairs
Birla Institute of Technology
Ranchi-835215, India

Swachh Bharat Abhiyan	NCC	Clean India Mission	2024	54	14
Annual Training Camp	NCC	National Cadet Corps	2024	110	15
Republic Day	NCC	National Cadet Corps	2025	100	16
BLS and Cancer Awareness	NCC	Social Service and Community Development	2025	35	17
Quiz on National Education Policy (NEP) 2020	NEP Saarthi Coordinator	NEP-2020	2025	20	25-27
Empowering Higher Education through NEP 2020	NEP Saarthi Coordinator	NEP-2020	2025	25	28-31
The Debate Competition on NEP 2020	NEP Saarthi Coordinator	NEP-2020	2025	32	32-45
The Poster Making Competition on NEP 2020 Report	NEP Saarthi Coordinator	NEP-2020	2025	21	46-55
Nukkad Natak for the Awareness on NEP 2020	NEP Saarthi Coordinator	NEP-2020	2025	10	56-60



Dean of Student Affairs

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NSS ANNUAL REPORT

2024-25

1. Prabhat Pheri (15-08-2024)

On the occasion of Independence day, NSS, BIT MESRA organized Prabhat Pheri to enliven the spirit of patriotism and national pride. The students walked around the campus and cheered slogans.



2. Tree Plantation Drive (07-09-2024)

On September 7, 2024, the National Service Scheme (NSS) at BIT Mesra organized a tree plantation drive to promote environmental awareness and sustainability on campus. The event started from the Sports Complex, flagged off by Dean of Student Affairs Dr. Bhaskar Karn, alongside other faculty members and NSS coordinators. Volunteers and executives participated by planting saplings across different campus locations while engaging students on the importance of tree planting. Their efforts emphasized environmental stewardship and aimed to make a lasting impact on both the campus and the surrounding Mesra West area.





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3. Organ Donation Drive (21-09-2024)

NSS BIT Mesra has organized an Organ Donation Drive on 21st September 2024 to raise awareness among people in nearby villages. The drive aims to educate villagers on the life-saving importance of organ donation and dispel any misconceptions. Volunteers will conduct informative sessions, encouraging individuals to consider becoming organ donors. By reaching out to rural communities, this initiative seeks to inspire greater participation in organ donation, helping to save lives and make a meaningful impact on those awaiting transplants.



4. Blood Donation Camp (02-10-2024)

NSS BIT, MESRA had organized a Blood Donation Camp at Bit Dispensary on 2nd October, 2024. The Camp was successfully conducted by the chief guest VC Indranil Manna. Four hospitals Maa Rampyari, RIIMS, Medanta, Sevasadan in collaboration with the Blood Bank of India visited for the collection of blood. A total of 400 plus units of blood was donated. All the NSS volunteers and executives joined the Camp and made it a successful one.



5. Plastic Free Awareness Drive (06-10-2024)

The National Service Scheme (NSS) at BIT Mesra held a plastic awareness drive as part of their special camp. The drive aimed to educate nearby residents about the harmful effects of plastic pollution and how they can help protect the environment. Starting from the sports complex with NSS volunteers, executives, and Professor Dr. Sushanta Ghuku, the students visited nearby villages to spread awareness. The drive was deemed successful, thanks to the active participation of all involved.



7. Awareness Drive On “Malaria And Dengue” (13-10-2024)

The National Service Scheme (NSS) at BIT Mesra conducted an awareness drive on malaria and dengue as part of their special camp. The drive focused on educating nearby residents about the prevention and control of these diseases, emphasizing cleanliness and reducing mosquito breeding grounds. Starting from the Sports Complex, volunteers along with faculty members Dr. Pranjal Kumar and Dr. Sumit Srivastava, engaged with locals at various locations, sharing preventive measures and stressing timely medical intervention.



8. Awareness Drive on “Nasha Mukti Abhiyan” (20-10-2024)

NSS BIT MESRA organized an awareness on "Nasha Mukti Abhiyan", at nearby adopted villages. The campaign was focused on raising awareness about the dangers of substance abuse. Volunteers spread the message of the harmful effects of drugs and the importance of leading a drug-free life. The significance of the event lay in its ability to educate and empower the youth to make informed decisions and stay away from substance abuse. Through their efforts, the volunteers encouraged a sense of responsibility and highlighted the role of each individual in fostering a drug-free society. The event successfully concluded at the BIT MESRA campus, leaving a meaningful impact on all participants and villagers.



9. Awareness Drive on “Say No To Junk Food” (27-10-2024)

The National Service Scheme (NSS) at BIT Mesra conducted an awareness drive to educate students and villagers about the dangers of consuming junk food and the benefits of healthy eating. The event began from the Sports Complex, led by Dr. Paritosh Mehta and Dr. Sanjeev Tiwari, along with NSS executives. Participants, including NSS volunteers, visited the nearby village.



10. Awareness Drive on “Cyber Fraud” (03-11-2024)

The National Service Scheme (NSS) at BIT Mesra conducted an awareness drive on “Cyber-Fraud” in the nearby village of Rudiya. With the rise of digital scams, the NSS team aimed to educate villagers on recognizing and preventing cyber fraud. The session focused on safe online practices, the importance of strong passwords, and identifying phishing attempts. By offering practical advice and resources, the NSS team sought to empower the residents to protect themselves from online threats and build a more informed and secure community. The active participation of NSS executives made the drive successful.



11. Seminar on the occasion of Youth Day (12-01-25)

On the occasion of Youth Day, NSS BIT Mesra had organised a seminar on Youth Day which was attended by volunteers. Dignitaries spoke about the importance and reason to celebrate Youth Day and motivate the student to take part in the Youth Festival



12. Awareness drive on the importance of education (23.1.25)

Education is a very important aspect of life. The student volunteers of NSS BIT Mesra had done an awareness drive to the nearest village Nayatoli to educate the people about the importance of education and the benefits of education in their life.



13. Prabhat Pheri (26-01-25)

On the occasion of Independence day, NSS, BIT MESRA organized Prabhat Pheri to enliven the spirit of patriotism and national pride. The students walked around the campus and cheered slogans.



14. Awareness on Swachh Bharat Abhiyan (17-02-25)

The NSS unit of BIT Mesra organised a Swachh Bharat awareness drive in Rudini village on 17th February 2025 aligning with the Prime Minister's vision for clean India. Through interactive and progressive sessions, the volunteers engaged villagers in basic discussions about adverse effects of littering, open defecations and improper waste disposal



15. Awareness on save water save life

NSS BIT Mesra conducts Awareness Drives on "Save Water, Save Life" in nearby villages to highlight the importance of water conservation. Volunteers educate communities about the necessity of water for survival, agriculture, and daily needs.



16. Mental Health Workshop (03-04-25)

The NSS BIT Mesra had organised a mental health workshop for the students. This workshop was conducted by Mr. Vivek Singh at cat hall. The workshop was held to help the students tackle the stress and depression they are facing in their life. The seminar was conducted in the presence of Dr O.P. Pandey, Dr. Sanjeev Tiwary and Dr. Sushant with all the NSS executive body for the smooth conduction of the seminar.



17. Awareness session on Blood Donation(10-04-25)

The NSS BIT Mesra had organised an awareness on blood donation for the students. The awareness session was conducted by Dr. Luna Sinha, a renowned medical professional from the hospital Ram Pyari. The session was conducted at room 211 in the presence of Dr. Sanjeet Kumar and all NSS executive body for the smooth commencement of the session.



18. Blood Donation Camp(12-08-25)

NSS BIT, MESRA had organized a Blood Donation Camp at Bit Dispensary on 12th April, 2025. The Blood Donation Camp was inaugurated by Dr. Bhaskar Karn, Chairperson of NSS, BIT Mesra. There were a total of three hospitals RIIMS, Medanta and Sevasadan in collaboration with the Blood Bank of India visited for the collection of blood. A total of 100 plus units of blood was donated. All the NSS volunteers and executives joined the Camp and made it a successful one.



19. Achievements:

- ❖ NSS Volunteers attended the National Integration Camp in Patna from 12th December, 2024 to 18th December, 2024. It was truly an uplifting, informative and fulfilling experience.





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- ❖ NSS Volunteers attended the National Youth Festival held in Delhi from 10th January ,2025 to 12th January,2025. They spoke at National Youth Festival, Presenting ideas on Improving Indian Agriculture in front of the Hon' ble Prime Minister Narendra Modi.





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NATIONAL CADET CORPS
Annual Report (July,2024-July, 2025)

1.About NCC at BIT Mesra:

The 3 Jhar CTC, NCC BIT Mesra provides the enrolled cadets with training equivalent to army training for theoretical, physical, emotional & social development of the cadets. The cadets are taught and trained to inculcate qualities of leadership along with the feelings of patriotism.

2. No. of units in NCC (If Applicable):

- 3 JHARKHAND COMPOSITE TECHNICAL COMPANY, NCC BIT MESRA

3. No. of students enrolled:

K22 – 72

K23 – 65

K24 - 79

Total Students – 216

- Girls: Boys:

K22 – 10 K23 – 62

K23 – 13 K24 – 52

K24- 31 K25 - 48

4. Achievements of NCC:

- 60 number of students cleared B certificate Exam 2025.
- 50 number of students cleared C certificate Exam 2024.



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NATIONAL CADET CORPS
Annual Report (July,2024-July, 2025)

- **Kargil Vijay Diwas 26th July ,2024**

Number of participants - 30-40

Batches : 2022 and 2023,Civilians

Incharge : Incharge : ANO Dr. K. K. Senapati

On 26th July, to commemorate the 25th anniversary of Kargil Vijay Diwas, 3 JHAR CTC NCC, BIT Mesra organized a 3 km marathon and a plantation drive. The event paid tribute to the bravery and sacrifice of Indian soldiers, promoting patriotism, environmental responsibility, and collective remembrance of the heroes who laid down their lives for the nation.



- **Independence day 15th August ,2024**

Number of participants -125

Batches : 2022 and 2023

Parade commander : SUO Akashdeep Singh Soodan

3 JHAR CTC NCC, BIT Mesra celebrated the 78th Independence Day on 15 August 2024 with great patriotism. The event featured the unfurling of the national flag by Vice Chancellor Dr. Indranil Manna and a disciplined parade by NCC cadets, highlighting unity, leadership, and respect for the sacrifices of India's freedom fighters.



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NATIONAL CADET CORPS
Annual Report (July,2024-July, 2025)



- **ADG NCC VISIT, 16th August 2024**

Number of participants -65

Batches : 2022 & 2023

Incharge: SUO Akashdeep Singh Soodan

On 16 August, 3 JHAR CTC NCC, BIT Mesra, Ranchi, commemorated the visit of Hon'ble ADG NCC Bihar & Jharkhand, Maj Gen A. S. Bajaj. The event featured a Guard of Honour, technical project showcases including drones and an ATV, and a patriotic musical performance by cadets. The visit celebrated innovation, discipline, and national pride, inspiring cadets to pursue excellence in line with NCC values.





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NATIONAL CADET CORPS
Annual Report (July,2024-July, 2025)

- **Punnet Sagar Abhiyan, 31st August 2024**

Number of participants -87

Batches : 2022,2023 &2024

Incharge: SUO Akashdeep Singh Soodan

On 31 August 2024, the cadets of 3 Jhar CTC NCC conducted the Puneet Sagar Abhiyan, a river cleaning campaign demonstrating their strong commitment to environmental protection and community service. The initiative reflected NCC values of discipline, leadership, and collective action, inspiring sustainable practices and promoting harmony between nature and society.



- **Swachh Bharat Abhiyan,02nd October 2024**

Number of participants -54

Batches : 2022 ,2023 and 2024

Incharge: SUO Akashdeep Singh Soodan

On the occasion of Gandhi Jayanti, the NCC cadets of 3 Jharkhand CTC NCC, BIT Mesra actively participated in the celebration of Swachh Bharat Abhiyan, paying tribute to Mahatma Gandhi's vision of a clean and self-reliant India. With a strong sense of discipline and social responsibility, the cadets carried out cleanliness drives within and around the campus, spreading awareness about hygiene, sanitation, and environmental responsibility. Through collective effort and enthusiastic participation, the cadets not only cleaned public spaces but also inspired others to adopt cleanliness as a way of life. The initiative reflected the NCC ethos of service before self and reaffirmed the cadets' commitment to nation-building through meaningful action.



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NATIONAL CADET CORPS
Annual Report (July,2024-July, 2025)



- **Annual training Camp 02nd -11th Dec 2024**
Number of participants -110
Batches : 2022 &2023
Incharge : SUO Akashdeep Singh Soodan

The Annual Training Camp at 3 Jharkhand CTC NCC, BIT Mesra, conducted under the leadership of Commanding Officer Lt Col Chanchal Singh Kapkoti, was a holistic and transformative experience for cadets. The camp combined rigorous physical training, advanced weapon drills, obstacle courses, and sports with leadership activities, military exposure visits, and motivational sessions. Cultural programs and recreational activities fostered camaraderie and creativity. Overall, the camp strengthened discipline, confidence, teamwork, and patriotic spirit, leaving cadets inspired for service and leadership.



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NATIONAL CADET CORPS
Annual Report (July,2024-July, 2025)



- **Republic Day, 26th January 2025**

Number of participants -100

Batches : 2022, 2023 and 2024

Parade Commander: SUO Akashdeep Singh Soodan

Republic Day Celebration (26th January 2025)

Republic Day was celebrated on 26th January 2025 with great enthusiasm and patriotic spirit. NCC cadets actively participated in the celebrations, showcasing discipline, unity, and dedication through parade and ceremonial activities. The event reinforced the values of patriotism, national pride, and commitment to the Constitution of India among the cadets.



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NATIONAL CADET CORPS
Annual Report (July,2024-July, 2025)



- **BLS and Cancer Awareness, 11th March 2025**

Number of participants -35

Batches : 2023 and 2024

Incharge : UO Sabita Kisku and SGT Abdullah Saif

The cadets of 3 JHAR CTC NCC, BIT Mesra participated in an impactful Basic Life Support (BLS) and Cancer Awareness seminar, engaging 50-60 NCC cadets and external participants. The session featured hands-on CPR training using human models, an interactive medical Q&A, and certification for successful trainees. The seminar reinforced the NCC ethos of service beyond discipline, equipping cadets with vital lifesaving skills and strengthening awareness of critical health issues.





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A
Newsletter
On
NEP 2020

Prepared by: NEP Saarthis (Somurp Naga, Vandana Ojha, Riya Nayak, Jasika Kumari),

NEP-Saarthis Coordinator: Dr. D. K. Upadhyay

Birla Institute of Technology, Mesra, Ranchi, Jharkhand



Message from the Desk of Prof. Sanjay Kumar Jha Dean, Undergraduate Programmes, BIT Mesra, Ranchi



It gives me immense pleasure to share a few words in the UGC NEP Newsletter. The implementation of the National Education Policy (NEP) 2020 marks a transformative milestone in India's higher education landscape. At BIT Mesra, we are deeply committed to translating this visionary framework into meaningful academic practices and outcomes.

Our efforts are focused on fostering multidisciplinary learning, research orientation, and skill-based education that prepare students to meet the dynamic challenges of the modern world. Guided by the NEP's emphasis on holistic development, innovation, and flexibility, our undergraduate programmes are being restructured to incorporate experiential learning, industry engagement, and value-based education.

BIT Mesra's NEP-driven initiatives are nurturing a new generation of learners—critical thinkers, innovators, and responsible global citizens. I extend my sincere appreciation to all faculty members, students, and coordinators who are contributing to this academic transformation. Together, we are shaping an educational ecosystem that truly reflects the vision of *“Quality Education for All and Excellence for the Future.”*



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Message from the Desk of Prof. Sanjay Kumar
Head, Department of Electronics & Communication Engineering
and Chairman, NEP-2020 Framework Planning and
Implementation Committee, BIT Mesra, Ranchi.



I am glad to know that the UGC NEP newsletter is going to be published. I congratulate each member of the editorial team for this worthwhile activity. I am sure this newsletter will bring into light the remarkable developments and archives notable activities taking place in the Institute towards implementation of NEP-2020, which aims for development of an enlightened, socially conscious, knowledgeable, and skilled nation that can find and implement robust solutions to its own problems.

The NEP-2020 Framework Planning and Implementation Committee (FPIC) of our institute has helped successfully implement the recommendations of NEP 2020 in the course structure and syllabus for UG programmes running across all the campuses of BIT Mesra leading to flexible curricular structures.

The Department of Electronics and Communication Engineering, BIT Mesra is marching with team spirit and synergy in line with the recommendations of NEP and conducting various activities such as innovation in teaching-learning process, research contributions, product development, sponsored projects, outreach activities, workshops, seminars, conferences, expert talks, visit of the eminent personalities, students activities and their achievements and is fully committed to implement the recommendations of NEP-2020.



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Message from the Desk of Dr. Dileep Kumar Upadhyay
Assistant Professor, Department of Electronics & Communication
Engineering and NEP-Saarthi Coordinator, BIT Mesra, Ranchi.



I am pleased to share that with the tireless effort of the NEP-Saarthis of Birla Institute of Technology, a newsletter on the NEP-2020 will be published.

The National Education Policy (NEP) 2020 stands as a visionary reform that aims to reimagine India's educational landscape. As the UGC NEP Saarthi Coordinator at BIT Mesra, I take immense pride in our institution's proactive role in spreading the different awareness programs of the core principles and motive of this policy.

Our NEP Cell has been consistently engaged in conducting workshops, awareness programs, curriculum reviews, and faculty training sessions to ensure effective policy integration across all departments. The goal is to establish a flexible, multidisciplinary, and technology-driven educational environment that aligns with global standards while preserving India's academic ethos.

The journey toward NEP implementation has been one of collaboration, innovation, and dedication. I extend my gratitude to the leadership, faculty, and students whose contributions make this transformation possible. Together, we envision BIT Mesra as a model institution embodying the spirit of NEP—where knowledge, innovation, and inclusivity go hand in hand.



Introduction to NEP-2020

National Education Policy, 2020 (NEP) envisions a massive transformation in education through– “an education system rooted in Indian ethos that contributes directly to transforming India, that is Bharat, sustainably into an equitable and vibrant knowledge society, by providing high quality education to all, thereby making India a global knowledge superpower.” The NEP 2020 is founded on the five guiding pillars of Access, Equity, Quality, Affordability and Accountability. It will prepare our youth to meet the diverse national and global challenges of the present and the future.

Built on the foundational pillars of Access, Equity, Quality, Affordability, and Accountability, the policy emphasizes early childhood care, foundational literacy and numeracy, competency-based learning, and the integration of technology. It introduces major reforms such as the 5+3+3+4 school structure, flexibility in subject choices, promotion of Indian languages, and a multidisciplinary approach in higher education. NEP 2020 envisions an education system that fosters creativity, critical thinking, ethical reasoning, and lifelong learning—ultimately aiming to transform India into a global knowledge superpower.

In Higher Education, NEP, 2020 provides valuable insights and recommendations on various aspects of education that include moving towards multidisciplinary and holistic education, institutional autonomy, promotion of quality research through establishment of National Research Foundation, continuous professional development of teachers, integration of technology, internationalization of higher education, restructuring of governance and regulatory architecture, multidisciplinary curricula, engaging blended, pedagogy, valid reliable and blended assessment and availability of content in Indian languages. The policy is expected to bring long-lasting positive impact on the education system and making India a global hub of skilled manpower during the ‘Amrit Kaal’, the next 25 years leading up to Developed India in 2047. Its implementation needs collective efforts of Centre, States, UTs, HEIs, Regulating Agencies / Regulatory Bodies and all other relevant stakeholders.



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The purpose of the education system is to develop good human beings capable of rational thought and action, possessing compassion and empathy, courage and resilience, scientific temper and creative imagination, with sound ethical moorings and values. It aims at producing engaged, productive, and contributing citizens for building an equitable, inclusive, and plural society as envisaged by our Constitution. A good education institution is one in which every student feels welcomed and cared for, where a safe and stimulating learning environment exists, where a wide range of learning experiences are offered, and where good physical infrastructure and appropriate resources conducive to learning are available to all students. Attaining these qualities must be the goal of every educational institution. However, at the same time, there must also be seamless integration and coordination across institutions and across all stages of education.

The fundamental principles that will guide both the education system at large, as well as the individual institutions within it are:

- recognizing, identifying, and fostering the unique capabilities of each student, by sensitizing teachers as well as parents to promote each student's holistic development in both academic and non-academic spheres;
- according the highest priority to achieving Foundational Literacy and Numeracy by all students by Grade 3;
- flexibility, so that learners have the ability to choose their learning trajectories and programmes, and thereby choose their own paths in life according to their talents and interests;
- no hard separations between arts and sciences, between curricular and extra-curricular activities, between vocational and academic streams, etc. in order to eliminate harmful hierarchies among, and silos between different areas of learning;
- multi-disciplinarity and a holistic education across the sciences, social sciences, arts, humanities, and sports for a multidisciplinary world in order to ensure the unity and integrity of all knowledge;
- emphasis on conceptual understanding rather than rote learning and learning-for-exams;
- creativity and critical thinking to encourage logical decision-making and innovation;



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- ethics and human & Constitutional values like empathy, respect for others, cleanliness, courtesy, democratic spirit, spirit of service, respect for public property, scientific temper, liberty, responsibility, pluralism, equality, and justice;
- promoting multilingualism and the power of language in teaching and learning;
- life skills such as communication, cooperation, teamwork, and resilience;
- focus on regular formative assessment for learning rather than the summative assessment that encourages today's 'coaching culture'
- extensive use of technology in teaching and learning, removing language barriers, increasing access for Divyang students, and educational planning and management;
- respect for diversity and respect for the local context in all curriculum, pedagogy, and policy, always keeping in mind that education is a concurrent subject;
- full equity and inclusion as the cornerstone of all educational decisions to ensure that all students are able to thrive in the education system;
- synergy in curriculum across all levels of education from early childhood care and education to school education to higher education;
- teachers and faculty as the heart of the learning process – their recruitment, continuous professional development, positive working environments and service conditions;
- a 'light but tight' regulatory framework to ensure integrity, transparency, and resource efficiency of the educational system through audit and public disclosure while encouraging innovation and out-of-the-box ideas through autonomy, good governance, and empowerment;
- outstanding research as a corequisite for outstanding education and development;
- continuous review of progress based on sustained research and regular assessment by educational experts;
- a rootedness and pride in India, and its rich, diverse, ancient and modern culture and knowledge systems and traditions;
- education is a public service; access to quality education must be considered a basic right of every child;



- substantial investment in a strong, vibrant public education system as well as the encouragement and facilitation of true philanthropic private and community participation

National Education Policy (NEP) 2020 Quiz Report

“Celebrating Bhartiya Bhasha Divas with knowledge and pride!”

Celebrating Bhartiya Bhasha Divas

To mark the celebration of **Bhartiya Bhasha Divas**, a **Quiz Competition on the National Education Policy (NEP) 2020** was organized by a team of five enthusiastic members. The event aimed to enhance students’ understanding of NEP 2020 while encouraging the use and appreciation of Indian languages.

Objective

The quiz was designed to:

- Strengthen awareness about **NEP 2020** among students.
- Promote the **spirit of Indian languages** in higher education.
- Encourage **active participation and healthy competition**.

Event Overview

The quiz was conducted in **offline mode** and witnessed an overwhelming response from participants across various departments. The competition consisted of **three exciting rounds**, each testing a different level of understanding of NEP 2020.

Round Details

Round 1 – Multiple Choice Questions (MCQs): A set of mixed-language questions (English and Hindi) tested the participants’ basic awareness. This elimination round shortlisted **13 top scorers** for the next stage.



Round 2 – One-Word Answer Round: Participants had to respond instantly with concise answers, evaluating their accuracy and quick thinking.

Round 3 – Rapid-Fire Round: Displayed on a digital screen, this round created a lively atmosphere as participants responded on the spot. It added energy, excitement, and a spirit of friendly competition.

Results and Recognition

After three challenging rounds, the **top three participants** emerged as winners.

All participants received a **certificate of participation** and a **notebook** as a token of appreciation.

✦ Conclusion

The NEP 2020 Quiz not only deepened students' knowledge of the policy but also fostered pride in Indian languages. The event successfully blended **learning with celebration**, making **Bhartiya Bhasha Divas** truly memorable.





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Interactive Session on NEP 2020 Implementation at BIT Mesra

Empowering Higher Education through NEP 2020

Date & Time: March 28, 2025, | **Venue:** Seminar Hall-1, R&D Building, BIT Mesra

Speaker: *Prof. Sanjay Kumar*, Head, Department of Electronics & Communication Engineering

Organized by: SAARTHI Coordinators: Vandana Ojha, Komal Singh, Riya Nayak, Somrup Naga, Jasika Kumari

NEP Coordinator: *Dr. Sukalyan Chakraborty*, Associate Professor, Department of Civil & Environmental Engineering

Event Overview:

The session began with the **institute prayer**, setting a thoughtful tone for the discussion. **Prof. Sanjay Kumar** delivered an engaging lecture on “*Implementation of NEP 2020 in Higher Educational Institutions,*” focusing on the transformative goals of the policy in reshaping India’s education system.

Key Insights from the Lecture:

Prof. Kumar highlighted the **current challenges** faced by higher education and the pressing need for reform. He elaborated on:

- The **core objectives** of NEP 2020 — *flexibility, skill development, and multidisciplinary learning.*
- The **implementation challenges**, emphasizing that while the policy is visionary, **effective execution** is the key to success.



“NEP 2020 provides a roadmap for transforming education, but its true success lies in consistent institutional effort and collaboration.”

— Prof. Sanjay Kumar

NEP 2020 at BIT Mesra:

Institutional Initiatives: **BIT Mesra has formed an NEP Committee to embed the core principles of the policy into its B.Tech curriculum.**

Curriculum Reforms include:

- Integration of **interdisciplinary courses** and **open electives**.
- Focus on **skill-based learning, industry internships, and academic–industry collaborations**.
- Encouragement of **student-led research** and innovation.

Interactive Session & Faculty Contributions:

The session turned highly interactive as faculty members shared ideas and experiences related to policy implementation.

Key suggestions included:

- Developing **strategic frameworks** for smooth NEP adoption.
- Conducting **faculty training programs** to align teaching with new pedagogical approaches.
- Incorporating **modern and technology-driven teaching methodologies** to enhance learning outcomes.

Conclusion

The event provided a deep understanding of the **vision, goals, and implementation framework** of NEP 2020. It reinforced the belief that **collaboration between faculty, students, and administration** is vital for the successful realization of NEP initiatives.



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“Together, we can transform education into a more flexible, skill-driven, and research-oriented ecosystem.”

The session concluded with an optimistic outlook on BIT Mesra’s ongoing journey towards **holistic and multidisciplinary education** under the NEP 2020 framework.





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The Debate Competition on NEP 2020 Report

As part of our role as *NEP Saarthis* representing our college, we, along with our coordinator Dr. D. K. Upadhyay, worked tirelessly to organise a debate competition on the theme of the **National Education Policy (NEP) 2020 on 15th Sept. 2025 from 2:30 PM to 4:00 PM**. The objective of the event was to provide a platform for students to explore, discuss, and critically analyse various aspects of NEP 2020, while also honing their communication, analytical, and debating skills.

Opening Ceremony

The event began with an opening ceremony that set a formal and inspiring tone for the proceedings. Our **Chief Guest, Dr Sanjay Kumar Jha, the Dean of Undergraduate Studies, BIT Mesra**, delivered a thoughtful and motivating message. In his address, he highlighted the significance of such competitions in shaping students into active participants of the educational reforms envisioned under NEP 2020. He also emphasized that debates cultivate the art of reasoning, logical thinking, and respectful dialogue, qualities that will serve students well in their academic and professional journeys.

Following the Chief Guest's message, **Dr. Sanjay Kumar, Head of the Department of Electronics and Communication Engineering (ECE)**, delivered a speech focusing on the importance of NEP 2020. He elaborated on how the policy envisions a holistic, multidisciplinary, and flexible education system that seeks to equip students with 21st-century skills. He particularly underlined how student-centric platforms like debate competitions embody the democratic spirit of NEP 2020 by encouraging active participation and inclusivity. His remarks provided the perfect backdrop for the competition, ensuring that participants had a clear understanding of the intellectual and policy-oriented context of the event.



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Structure and Rules of the Competition

After the opening session, the rules and procedures of the competition were clearly explained to all participants. A total of **32 students** representing various batches (**K22, K23, K24, and K25**) and disciplines across the institute participated in the competition. To ensure fairness and manageability, the participants were divided into **eight groups**, with **four students in each group**.

The competition followed an interactive and innovative format:

1. Each group was assigned a debate topic **on the spot**, ensuring spontaneity and the ability to think quickly.
2. Participants were given **1–2 minutes** to discuss among themselves and strategize their points.
3. The debate then proceeded for **5 minutes** where two groups faced each other: one group speaking *for* the motion and the other group speaking *against* it.
4. After this initial round, the roles were reversed: the group that spoke *for* had to argue *against*, and the group that spoke *against* had to argue *for*.

This format ensured that participants developed a comprehensive understanding of the topic, as they were compelled to think critically from both perspectives. It also tested their adaptability, logical reasoning, and ability to structure arguments effectively in real time.

Progression of the Event

As the competition unfolded, the atmosphere quickly grew dynamic and intellectually stimulating. Each group brought forward fresh perspectives, reflecting the diversity of thought across different batches and branches. The participants demonstrated remarkable energy, clarity of expression, and depth of knowledge, which kept the audience engaged throughout.



The debates covered a range of sub-themes linked to NEP 2020, including multidisciplinary education, vocational training, inclusion, language policies, and the role of technology in education. The rapid exchange of arguments challenged participants to think deeply about policy-level implications and to defend their points with clarity.

The unique role-reversal element of the format added an additional layer of difficulty. It required participants not only to defend their own stance but also to put themselves in the shoes of the opposition, a skill that reflects intellectual maturity and flexibility.

Evaluation by Judges

The debates were judged by a distinguished panel of faculty members, which included:

- **Dr. Sukalyan Chaaokroborty**
- **Dr. Mrinal Pathak**
- **Dr. Anindita Bera**
- **Dr. D. K. Upadhyay**

The judges evaluated participants on multiple criteria such as clarity of thought, logical reasoning, presentation skills, persuasiveness, teamwork, and the ability to counter arguments effectively. Each debate was followed with careful observation and analysis by the judges, ensuring a fair and comprehensive assessment of the participants' performances.

Their feedback reflected appreciation for the effort, creativity, and preparation demonstrated by the students. At the same time, the judges encouraged students to continue refining their communication and reasoning abilities, which are critical in academic and professional life.



Results and Recognition

From the **eight groups**, the judges selected **three winning groups** based on their outstanding performances. These groups displayed exceptional teamwork, clear articulation, and an ability to tackle the debate topics from both sides convincingly.

The winners were felicitated in a **prize distribution ceremony**. Certificates, mementos and goodies were presented to winning groups, recognising the effort and enthusiasm they had put into the event.

To mark the conclusion of the event, **the judges were presented with mementos** as a gesture of appreciation for their valuable time and contribution to the success of the competition. Their role in guiding the proceedings and offering constructive feedback was instrumental in maintaining the academic integrity and spirit of the debate.

The event concluded with **photography sessions**, capturing memorable moments of participants, winners, judges, and organisers. These photographs will serve as a lasting reminder of the event's significance and success.

From the **eight groups**, the judges selected **three winning groups** based on their outstanding performances. These groups displayed exceptional teamwork, clear articulation, and an ability to tackle the debate topics from both sides convincingly.

- **First Prize:** Group 4
- **Second Prize:** Group 1
- **Third Prize:** Group 6

Group 1 and Group 2: *University Autonomy vs Government Oversight – Finding the Right Balance for Quality*



The opening debate featured the first and second groups, who examined the issue of balancing institutional autonomy with government regulation. One side argued that autonomy is essential for innovation, international collaboration, and quick decision-making, enabling universities to adapt to global academic standards. The opposing side emphasized the risks of unchecked autonomy, warning that it could lead to commercialization and uneven quality. They stressed that government oversight ensures accountability, fairness in resource allocation, and protection of student interests. By debating both stances, participants highlighted the need for a “light but tight” framework as envisioned in NEP 2020.

Group 3 and Group 4: *Four-Year Multidisciplinary Undergraduate Degrees – Broadening Horizons or Stretching Students Too Thin?*

The next debate, between the third and fourth groups, revolved around the new four-year undergraduate degree model. Supporters argued that the flexible curriculum, which allows majors, minors, and research opportunities, will provide holistic education and align Indian higher education with international standards. They pointed out that this structure promotes creativity and prepares students for diverse career paths. On the other hand, critics expressed concern that the additional year might impose financial burdens, particularly on students from economically weaker sections. They also raised the issue of whether all institutions have the resources and faculty to implement this model effectively. The discussion reflected both optimism and caution regarding this transformative reform.

Group 5 and Group 6: *Bridging the Rural–Urban Divide in Higher Education – Can NEP 2020 Deliver?*

The fifth and sixth groups debated the persistent gap between rural and urban education opportunities. Advocates for the motion argued that digital universities, financial aid, and local language instruction envisioned in NEP 2020 could empower rural students and make



education more inclusive. They highlighted how flexible entry-exit options and credit banks could reduce dropout rates in rural areas. The opposing group pointed to challenges such as inadequate infrastructure, limited internet connectivity, and shortage of trained faculty in rural regions. They argued that without addressing these ground-level realities, the policy’s promises might remain aspirational. The debate underscored both the potential and the hurdles in bridging this critical divide.

Group 7 and Group 8: The National Research Foundation – Catalyst for a Research Culture or Just Another Bureaucracy?

The final debate of the competition was between the seventh and eighth groups, who deliberated on the establishment of the National Research Foundation (NRF). Proponents viewed the NRF as a much-needed step to consolidate funding, support interdisciplinary projects, and nurture young researchers. They emphasized its potential to strengthen India’s position as a global knowledge hub. Opponents, however, warned that such bodies could become bureaucratic and favour elite institutions, leaving smaller colleges at a disadvantage. They stressed the importance of adequate funding, transparency, and inclusivity to ensure the NRF does not fall short of its vision. This debate concluded the event with a focus on research and innovation as key drivers of national progress.

Closing Remarks

The debate competition on NEP 2020 was not only a **test of knowledge and debating skills**, but also an **exercise in understanding India’s vision for its future education system**. As *NEP Saarthis*, it was a matter of pride for us to be entrusted with the responsibility of conceptualising and executing this event. The entire organising team, under the guidance of **Dr. D. K. Upadhyay**, worked with dedication to ensure smooth coordination and execution.



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The event's success can be attributed to the **active participation of students, the insightful guidance of faculty members, and the support of our institution's leadership**. The enthusiastic response from students across batches and branches was particularly encouraging, as it demonstrated the interest and commitment of the student community toward national educational reforms.

In conclusion, the debate competition was a **resounding success**. It fulfilled its twin objectives: celebrating the vision of NEP 2020 and fostering critical thinking, communication, and adaptability among students. The experience gained by both organisers and participants will undoubtedly contribute to strengthening our academic culture and advancing the ideals of the National Education Policy on our campus.

Conclusion

Together, the four debates captured the essence of NEP 2020, covering themes of governance, curriculum reform, equity, and research. Each group contributed sharp insights and compelling arguments, showcasing the depth of understanding among the participants. The discussions reflected not only the promise of NEP 2020 but also the challenges that must be addressed to realise its vision. This intellectual exchange was a testament to the students' critical thinking and their engagement with one of the most important policy reforms in Indian education.



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The Poster Making Competition on NEP 2020 Report

The Poster Making Competition on the theme of National Education Policy (NEP) 2020 was organized on 15th September 2025 from 4:00 PM to 5:30 PM at the Institute's CAT Hall, BIT Ranchi, as part of an initiative to promote awareness and understanding of the New Education Policy 2020 among students. This event aimed to encourage creative expression, conceptual understanding, and critical thinking in students by visually representing the core principles and innovative features of NEP 2020. The *NEP Saarthi* of our Institute, along with our coordinator Dr. D. K. Upadhyay, worked tirelessly to organise this Poster Making Competition on the theme of the National Education Policy (NEP) 2020.

Objectives of the Competition

- To create awareness among students about the National Education Policy 2020.
- To encourage creative visualization of the reforms and principles of NEP 2020.
- To promote critical and reflective thinking on the implementation of the policy at various educational levels.
- To enhance students' presentation and communication skills through art.
- To build a sense of collaboration, creativity, and responsibility among the participants.
- To provide a platform for expression where innovative ideas can be shared visually.

Event Planning and Organization

The Poster making Competition was meticulously planned under the supervision of Dr. D. K. Upadhyay and coordinated by the SAARTHI team.

Event Details:

Date: 15th September 2025

Venue: CAT Hall, BIT Ranchi

Time: 4:00 PM – 5:30 PM



Theme: 'Core Principles and Vision of NEP 2020'

Organized by: SAARTHI Coordinators

Number of students registered: 40

Number of turned up and Presented the Poster: 21

Participants and Entries

A total of 21 posters (out of total 40 registered students) were presented by enthusiastic students from various departments. Each poster uniquely represented themes such as holistic education, skill-based learning, teacher empowerment, technology integration, and inclusion. The posters reflected creativity, originality, and a deep understanding of NEP 2020.

Judging Criteria and Evaluation

The posters were evaluated by the distinguished panel of judges: Dr. Sukalyan Chakraborty, Dr. Anindita Betra, and Dr. Mrinal Pathak. Evaluation Criteria:

1. Relevance to the theme (30%)
 2. Creativity and originality (25%)
 3. Visual impact and clarity (20%)
 4. Message and understanding of NEP 2020 (15%)
 5. Presentation and explanation (10%)
-

Results and Winners

After a thorough evaluation, the judges selected three winners from the total of 21 entries.

First Prize

Second Prize

Third Prize

The winners were felicitated with certificates of achievement, mementos, goodies, and received warm applause from the audience.



Vote of Thanks

The event concluded with a Vote of Thanks delivered by Dr. Sanjay Kumar, HoD, ECE Department, BIT Ranchi. He expressed heartfelt gratitude to all dignitaries, judges, coordinators, faculty members, and student participants. He also highlighted the role of NEP 2020 in shaping India's educational future and appreciated the efforts of the SAARTHI Coordinators and NEP Coordinator.

Conclusion and Reflections

The Poster Competition on NEP 2020 was an enriching experience that fostered creativity, awareness, and academic spirit among students. It provided a meaningful platform for students to explore the key principles of the policy through visual expression. The initiative strengthened the culture of collaborative learning and innovation, resonating with the vision of NEP 2020.

Acknowledgment

We express our heartfelt gratitude to our respected mentor Dr. D. K. Upadhyay for his constant guidance, encouragement, and valuable suggestions throughout the organization of the event. We sincerely thank our esteemed judges — Dr. Sukalyan Chakraborty, Dr. Anindita Betra, and Dr. Mrinal Pathak — for sparing their precious time to evaluate the posters and motivate the participants through their insightful feedback. We also acknowledge the efforts of the SAARTHI Coordinators — Ms. Vandana Ojha, Mr. Somrup Naga, Ms. Riya Nayak, and Ms. Jasika — whose dedication, teamwork, and commitment made this event successful. Our sincere thanks also go to Dr. Sanjay Kumar Jha (Dean UG) for his inspirational talk and Dr. Sanjay Kumar (HoD, ECE Department) for his invaluable speech on NEP-2020 and for presenting the Mementos, Certificates and Goodies to the winners and Judges. Thanks and to all faculty members, participants, and students for their enthusiastic participation and support

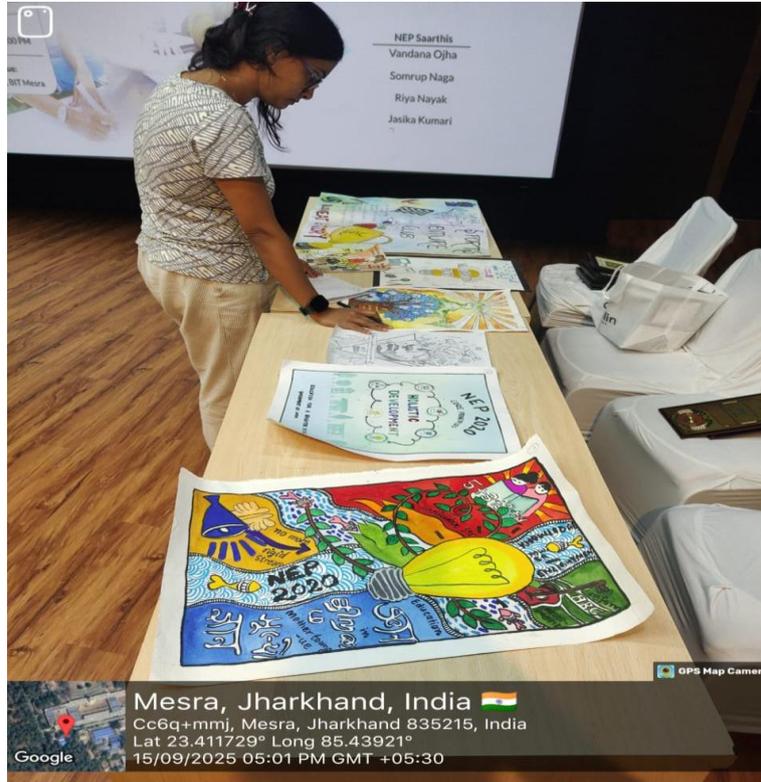


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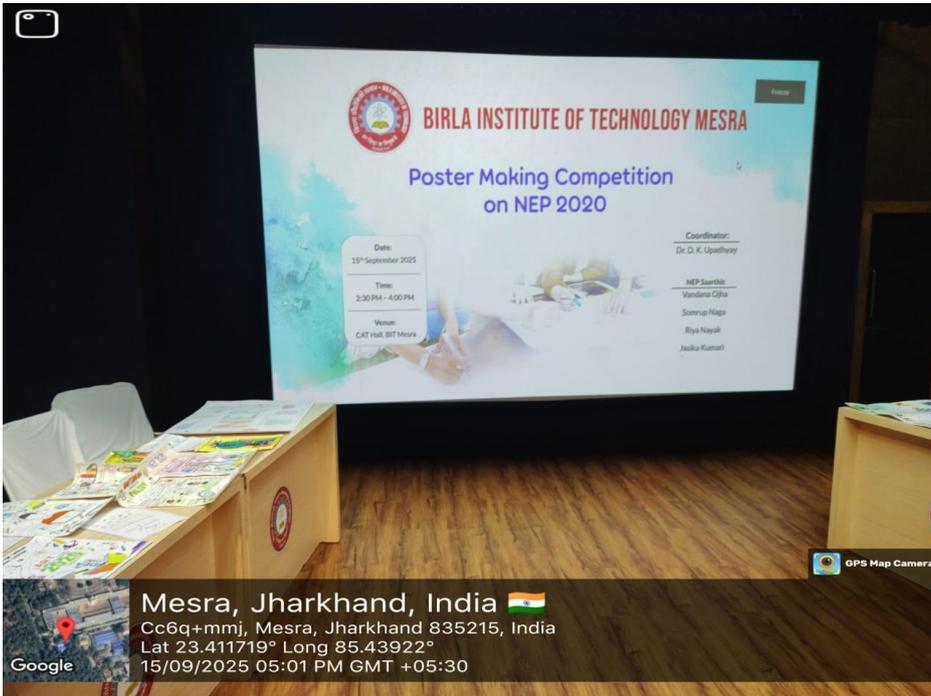
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Nukkad Natak for the Awareness on NEP 2020 -Report

As part of our role as *NEP Saarthi* representing our college, we, along with our coordinator Dr. D. K. Upadhyay, worked tirelessly to organize the Nukkad Natak for the Awareness on the theme of the **National Education Policy (NEP) 2020 on 3rd Nov. 2025 at 2:30 PM**. The objectives of the event were to communicate complex policy ideas, raise public and student awareness, and foster discussion on its key aspects, like a holistic and skill-based curriculum. This grassroots approach makes the policy's goals tangible, relatable, and more accessible to the general public and diverse student populations.

Objectives of the program:

Objectives of the event were.

- To create awareness about NEP 2020 among students and faculty.
- To discuss its key features and benefits.
- To understand how NEP reforms will impact higher education.
- To encourage implementation strategies at the institutional level.

Event Details:

Date: 3rd Nov. 2025

Venue: IC Arena, BIT, Mesra, Ranchi

Time: 6:30 PM

Theme: 'Core Principles and Vision of NEP 2020'

Organized by: SAARTHI Coordinators and BIT Dramatic society

No. of Participants involved in act: 10

Outreach and Publicity:

To promote the Nukkad Natak on NEP 2020, several outreach activities were carried out across the campus. Flex banners were displayed at key locations such as the IC Arena, Bill Board of BIT Mesra, providing event details and attracting attention. A digital poster was circulated



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through WhatsApp groups and social media for wider reach. Team members also promoted the event through **word-of-mouth** and **pre-event announcements**, ensuring strong participation and awareness among students.

Outcomes / Learnings:

- Better understanding of NEP 2020 and its future impact.
- Awareness of changes in curriculum structure.
- Insight into how institutions can adapt to new reforms.
- Motivation to contribute to educational transformation.

Official Event Poster:

The following poster was used for event promotion and online circulation. The poster provides essential details such as date, time, and venue, emphasizing the creative approach of using a Nukkad Natak (street play) to raise awareness about educational reforms.

**The Imperative of
NEP 2020:
Reshaping Education for a
Modern India**

**NUKKAD
NATAK**
On National Education Policy
2020
Birla Institute of Technology, Mesra.

Date: 3rd
NOVEMBER, 2025. TIME: 6:30
PM Venue: IC ARENA,
Opp. to HnC Cafe



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