



# NEHRU GRAM BHARATI

(Deemed to be University U/s-3 of UGC Act 1956)

(DEEMED TO BE UNIVERSITY)

Kotwa-Jamunpur-Dubawal, Prayagraj-221505, Uttar Pradesh (INDIA)

Administrative Office :

Hanumanganj Campus,

G.T. Road, Hanumanganj, Prayagraj-221505,

Uttar Pradesh

Email : info.ngbu@gmail.com

Ref. No.: NGB(DU0/IQAC/EventsOrg./2024/0016

31-07-2025

To,

Hon'ble Vice Chancellor  
Nehru Gram Bharati (Deemed to be University)  
Prayagraj- 221505

Sub: Report on the Faculty Dev. Programme (July 02-10, 2025)

Through proper channel.

Sir,

The complete report on the above mentioned event is enclosed herewith alongwith the Geo-tagged Images as taken by the University photographer in the event (photos being shared separately).

If accepted the same maybe allowed for uploading on the University website to properly showcase the activities of the IQAC.

With regards,

(Dr. H. Tandon)  
Director-IQAC



Digital Copy to:

1. PA to Pro Vice Chancellor for information to the Pro Vice Chancellor
2. Assistant Registrar (EDP) for recordkeeping and uploading on the University website.



**NEHRU GRAM BHARATI**

(DEEMED TO BE UNIVERSITY)

Kotwa-Jamunpur-Dubawal, Prayagraj-221505, Uttar Pradesh (INDIA)

(Deemed to be University U/n-3 of UGC Act 1956)

Administrative Office :

Hanumanganj Campus,

G.T. Road, Hanumanganj, Prayagraj-221505,

Uttar Pradesh

Email : info.ngbu@gmail.com

## Report on the Faculty Dev. Programme (July 02-10, 2025)

### Organized by : The IQAC

DAY 1 /DATE 02/07/2025

Session-01

Topic: Teaching challenges Under NEP2020.

Speaker:Dr.Rajesh Tiwari(Dean Academics)

Session Chair: Dr R C Mishra

The session focused on identifying and addressing the teaching challenges faced by educators during the implementation of the National Education Policy (NEP) 2020. While the policy brings significant reforms toward multidisciplinary, skill-based, and holistic education, it also presents several practical challenges for faculty.

Discussion points:

Curriculum Restructuring: Adapting to flexible curricula, choice-based credit systems, and multidisciplinary courses. Outcome-Based Education (OBE): Designing learning outcomes aligned with Bloom's Taxonomy and NEP goals. Assessment Reforms: Shifting from memory-based to competency-based evaluations. Use of Technology: Integrating digital tools, blended learning, and online assessments effectively. Faculty Training: Need for continuous professional development and capacity-building programs. Language Barrier: Implementing multilingual teaching approaches as proposed by NEP. Inclusive Education: Addressing the needs of diverse learners, including those from rural or underprivileged backgrounds.

The session highlighted that while NEP 2020 opens doors for transformative education, it demands active participation, training, and mindset shifts from teachers. Overcoming these challenges requires collaboration, resource support, and regular pedagogical innovation.

Session02

Topic: Handelling Add-on offerings

Speaker:Dr.Meeta Ratawa Tiwari

Session Chair: Dr R C Mishra





# NEHRU GRAM BHARATI

(DEEMED TO BE UNIVERSITY)

Kotwa-Jamunipur-Dubawal, Prayagraj-221505, Uttar Pradesh (INDIA)

(Deemed to be University U/s-3 of UGC Act 1956)

Administrative Office :

Hanumanganj Campus,

G.T. Road, Hanumanganj, Prayagraj-221505,

Uttar Pradesh

Email : info.ngbu@gmail.com

The session focused on effectively managing add-on or value-added courses that enhance student skills beyond the regular curriculum. These offerings are vital under NEP 2020 to promote holistic and multidisciplinary learning.

Add-on courses help students gain practical and job-oriented skills. Challenges include student engagement, scheduling, and resource management. Emphasis was placed on selecting relevant topics, offering flexible formats, and maintaining proper documentation.

Add-on offerings, if planned and implemented well, can boost student potential and support institutional goals under NEP 2020. The session highlighted the need for structured planning and inter-departmental coordination.

## Session03

Topic: Current mood of Research Funding India.

Speaker: Dr. Rajesh Kumar Kesharwani

Session Chair: Dr Mamta Mishra

The session discussed the present scenario of research funding in India, highlighting new opportunities, ongoing challenges, and the evolving role of government and private agencies in promoting academic and applied research. Focus is shifting towards innovation, start-up-based research, and multidisciplinary projects. Funding is increasingly linked with national priorities like AI, clean energy, healthcare, and digital infrastructure. Challenges remain in bureaucracy, limited institutional capacity, and industry-academia collaboration. The current funding environment is promising but competitive, requiring researchers to align proposals with policy priorities, practical outcomes, and collaborative approaches.

## Session04

Topic: Use Of AI in Teaching Of NonTech Subjects

Speaker: Dr Sandeep Anand

Chairperson: Dr Mamta Mishra

The session highlighted how Artificial Intelligence (AI) is being used to enhance the teaching of non-technical subjects such as languages, social sciences, education, and humanities.

AI tools aid in content creation, personalized learning, and language translation. Platforms like ChatGPT, Grammarly, and AI tutors improve teaching efficiency and student engagement. Areas of Concerns include ethical use, over-reliance, and need for teacher training. AI offers great potential to support and enrich non-technical education, but must be used wisely and creatively to



# NEHRU GRAM BHARATI

(DEEMED TO BE UNIVERSITY)

Kotwa-Jamunipur-Dubawal, Prayagraj-221505, Uttar Pradesh (INDIA)

(Deemed to be University U/s-3 of UGC Act 1956)

Administrative Office :

Hanumanganj Campus,

G.T. Road, Hanumanganj, Prayagraj-221505,

Uttar Pradesh

Email : info.ngbu@gmail.com

complement—not replace—human teaching. Animated discussion followed the talk, as multiple queries were raised, and answered by the Speaker.

Day02/Date/03/07/2025.

The second day of the FDP continued with impactful sessions addressing critical aspects of higher education, research mentorship, digital safety, and assessment reforms. The sessions offered diverse perspectives to help educators align with the evolving academic ecosystem.

## Session 01

Topic: Contemporary Legal Education in India

Speaker: Dr. Swapnil Tripathi

Chairperson: Dr. Birendra Mani Tripathi

The session explored the current state and future directions of legal education in India. Dr. Tripathi stressed the need for experiential learning, legal-tech integration, and interdisciplinary curriculum in line with NEP 2020. The discussions followed on multiple areas of concern, the newer focus of legal education; the trends in student behaviors etc etc

## Session 02

Topic: Guiding Doctoral Students in a Tech-Enabled World

Speaker: Prof. R.C. Tripathi

Chairperson: Dr. Birendra Mani Tripathi

Prof. Tripathi highlighted the importance of adapting PhD supervision to the digital era. The use of online tools, ethical research practices, and fostering independent thinking were key focus area for both the students and guides. The discussion followed on interdisciplinary research and ways of handling violations, mistakes etc. The speaker was quite thorough in answering the queries and setting the agenda clear.

Queries also followed on challenges in foreseen in research guidance and the possible solutions.

## Session 03

Topic: Cyber Crime and Rights

Speaker: Dr. S.R. Shukla

Chairperson: Dr. Arvind Shukla





# NEHRU GRAM BHARATI

(DEEMED TO BE UNIVERSITY)

Kotwa-Jamunipur-Dubawal, Prayagraj-221505, Uttar Pradesh (INDIA)

(Deemed to be University U/s-3 of UGC Act 1956)

Administrative Office :

Hanumanganj Campus,  
G.T. Road, Hanumanganj, Prayagraj-221505,  
Uttar Pradesh

Email : info.ngbu@gmail.com

Dr. Shukla emphasized the growing concerns of cybercrime and the importance of cyber law awareness. The session underlined the responsibility of educators in promoting digital safety and educating students about their cyber rights. There was liberal use of examples to highlight the issues and possible remedies. The session saw experience sharing by multiple members on this issue.

## Session 04

Topic: Reforming the Evaluation System

Speaker: Dr. Shikha Khare

Chairperson: Dr. Arvind Shukla

This session discussed the shortcomings of traditional evaluation systems and proposed reforms such as continuous assessment, skill-based evaluation, and the integration of AI-based feedback tools for holistic student development.

All four sessions on Day 2 offered rich insights into transforming legal education, digital mentoring, cyber awareness, and assessment systems. The sessions supported the FDP's overarching goal of empowering faculty with modern tools and knowledge aligned with NEP 2020

## Day03/date04/07/2025

Day 3 of the FDP featured two insightful sessions focused on innovation, commercialization of research, and environmental responsibility, reflecting the practical and socially conscious dimensions of higher education.

## Session 01

Topic: Teaching – Lab to Market Offering

Speaker: Dr. Adinath

Chairperson: Dr. Dilip Kumar

Dr. Adinath emphasized the importance of bridging the gap between academic research and real-world application. The session highlighted how educators can mentor students to translate lab-based innovations into market-ready solutions. Key points included innovation incubation, patenting processes, startup ecosystems, and promoting entrepreneurship at the institutional level. The speaker made extensive use of his own research experience and showcased how he had tackled this very journey in NGB.



# NEHRU GRAM BHARATI

(DEEMED TO BE UNIVERSITY)

Kotwa-Jamunipur-Dubawal, Prayagraj-221505, Uttar Pradesh (INDIA)

(Deemed to be University U/s-3 of UGC Act 1956)

Administrative Office :

Hanumanganj Campus,

G.T. Road, Hanumanganj, Prayagraj-221505,

Uttar Pradesh

Email : [info.ngbu@gmail.com](mailto:info.ngbu@gmail.com)

## Session 02

Topic: E-Waste Handling Norms

Speaker: Mr. Pradeep Upadhyay

Chairperson: Dr. Dilip Kumar

Mr. Upadhyay addressed the rising concerns of electronic waste management in academic and industrial settings. The session focused on national e-waste guidelines, institutional responsibilities, safe disposal methods, and promoting eco-friendly practices among students and faculty. Emphasis was placed on sustainable campus initiatives and compliance with environmental regulations.

The sessions on Day 3 enriched participants with practical knowledge on innovation commercialization and environmental sustainability—key aspects for developing socially responsible and industry-ready graduates.

## Session03

Topic: Conducting Fishery based Research in Rural setup.

Speaker: Dr.A.C.Dwivedi.

The session focused on the potential, challenges, and methodologies of conducting fishery-based research in rural areas, where aquaculture and inland fishing serve as critical livelihoods. It aimed at promoting community-based research that is practical, sustainable, and inclusive.

He emphasized the importance of supporting farmers and local communities with evidence-based practices to improve fish production. Discussion included pond management, fish breeding, disease control, water quality, and feed optimization and also addressed issues like lack of infrastructure, limited funding, low awareness, and climate-related risks.

The session underlined the importance of conducting fishery-based research at the grassroots level to support rural livelihoods, ensure food security, and develop sustainable fishery models. It encouraged researchers to adopt practical, need-based, and low-cost approaches suited to rural conditions.

## Session04

Topic: Challenges in Teaching Pure Sciences

Speaker: Dr. Asheesh Shivam

Dr. Shivam focused on the real-time challenges faced by faculty and students in teaching and learning pure science subjects. He highlighted issues like: Student anxiety, lack of motivation, and need for emotional support; Time constraints in covering the syllabus; Professional development for teachers to stay updated; Safety concerns in laboratories and the importance of well-equipped





# NEHRU GRAM BHARATI

(DEEMED TO BE UNIVERSITY)

Kotwa-Jamunipur-Dubawal, Prayagraj-221505, Uttar Pradesh (INDIA)

(Deemed to be University U/e-3 of UGC Act 1956)

Administrative Office :

Hanumanganj Campus,

G.T. Road, Hanumanganj, Prayagraj-221505,

Uttar Pradesh

Email : info.ngbu@gmail.com

and virtual labs; Conceptual clarity and developing interest in students through interdisciplinary approaches; Career opportunities in pure science fields like higher education, administrative services, research labs, startups, etc. He also emphasized building positive learning environments and the role of teacher-student communication.

Day 04/date 07/07/2025.

Session01

Topic: Application of Fluid mechanics in daily real life.

Speakers:Dr. Archana Shukla (Department of mathematics – Mathematics)

Chairperson: Dr. Arvind Shukla

Session Overview:

The first session of the day focused on introducing Fluid Mechanics – its real life applications. Thermal and fluid mechanics. Concepts of laminar and turbulent flow. The session was interesting as many non-tech subject experts were engaged with this new information on its applications.

Session 2: Opportunities in Language Education in 2025

Speaker: Dr. Savyasachi

Chairperson: Dr. Arvind Shukla

The second session shed light on the emerging opportunities in the field of language education, especially under the framework of the National Education Policy 2020 (NEP 2020). Dr. Sabyasachi emphasized the growing demand for multilingual professionals and how technology, digital content, and AI are shaping language learning in the 21st century. Encouragement of self-paced and project-based learning. Emerging Opportunities in Language Fields- Translation & Interpretation; BPO sectors etc; Digital Content Creation:

The sessions emphasized aligning teaching strategies with modern technologies and NEP 2020 mandates, thereby opening doors to new career avenues and innovative research.

Day 4 of the FDP was intellectually enriching, bridging science with technology and language with innovation. The expert insights offered by Dr. Archana Shukla, and Dr. Sabyasachi provided participants with a comprehensive understanding of how to navigate the future of education with interdisciplinary knowledge, practical tools, and a forward-looking mindset.

Session03



# NEHRU GRAM BHARATI

(DEEMED TO BE UNIVERSITY)

Kotwa-Jamunipur-Dubawal, Prayagraj-221505, Uttar Pradesh (INDIA)

(Deemed to be University U/o-3 of UGC Act 1956)

Administrative Office :

Hanumanganj Campus,

G.T. Road, Hanumanganj, Prayagraj-221505,

Uttar Pradesh

Email : info.ngbu@gmail.com

Topic: Startup Ecosystem in NGB

Speaker: Dr.Ajaz Ahmed

The session focused on introduction and updation of the startup ecosystem in NGB and Dr Ajaz highlighted the opportunities and challenges in this domain. He also highlighted the Startup policy of UP Govt and of the GOI. Esp. as applied to the academic world in India. Multiple queries were raised on the details of this presentation.

Session04

Topic: Understanding Maps.

Speaker:Dr.Sanjay Bharati.

The session focused on developing the ability to read, interpret, and analyze maps, a crucial skill in geography, planning, defense, disaster management, and education. It aimed at enhancing the participants' spatial thinking and ability to extract meaningful information from various types of maps.

Introduction to physical, political, thematic, and topographical maps; Explanation of scale, legend, symbols, direction, and coordinates; Reading Techniques: How to interpret elevation, distances, and population data through maps. Its usage in weather forecasting, urban planning, navigation (GPS), and resource distribution was highlighted. The emphasize was on - that map reading is not only a geography skill but a life skill in the modern world.

Day 5 | Date: 08 July 2025 | Session 01

Topic: Evolving Teaching Strategies for Music in a Tech-Enabled World

Speaker: Mr. Siddarth Mishra

Chairperson: Dr. Himanshu S. Singh

The speaker explained key music terms like Gayan, Vadan, and Nritya, and discussed how teaching strategies in music are shifting towards tech-based platforms in line with NEP 2020. He emphasized tools such as YouTube, Kind Master, MoBo, and iShala for teaching and learning music effectively.

He also highlighted online professional courses, practical learning tools (camera, mic), and the need for teachers to stay updated with technology. Suggestions included: career options as freelancers or educators, opportunities through NCZCC, Ministry of Culture, ICCR fellowships, and award platforms at various levels.

Session 02





# NEHRU GRAM BHARATI

(DEEMED TO BE UNIVERSITY)

Kotwa-Jamunipur-Dubawal, Prayagraj-221505, Uttar Pradesh (INDIA)

(Deemed to be University Uzo-3 of UGC Act 1956)

Administrative Office :

Hanumanganj Campus,  
G.T. Road, Hanumanganj, Prayagraj-221505,  
Uttar Pradesh

Email : info.ngbu@gmail.com

Topic: Managing Shorter Attention Span

Speaker: Dr. Himanshu Tandon

Chairperson: Dr. Himanshu S. Singh

Dr. Himanshu Tandon addressed the growing challenge of managing students' shorter attention spans in classrooms, especially due to digital distractions. He emphasized the need for teachers to adapt and conclude content effectively within students' limited focus time. Areas highlighted included - Information overload and digital distractions; and evolving interests and augmentation tools available.

The session concluded that shrinking attention span is a significant issue in modern education. In the coming days, educators must adopt more creative and interactive teaching strategies to hold student attention effectively.

Sessio03

Topic: Relevance of Psychological Tests under NEP 2020

Speaker: Dr. Shivasray Yadav

Chairperson: Dr Md. Waquif

The session on "Relevance of Psychological Tests under NEP 2020" was conducted as part of the Faculty Development Programme on 8th July 2025. The session was delivered by Dr. Shivasray Yadav and chaired by Md. Waquif. Dr. Yadav emphasized the key focus areas of the National Education Policy (NEP) 2020, particularly highlighting the role and relevance of psychological testing in the educational framework. He elaborated on how psychological assessments contribute significantly to promoting the mental and emotional well-being of learners and play a crucial role in vocational and career guidance. Importance of teacher preparation and educational planning based on learners' psychological profiles. Use of psychological tests to ensure continuous feedback and growth in learners. It ensures that education remains student-centric, inclusive, and developmentally appropriate, aiming at the complete development of the learner.

Sessio04

Topic: Managing a Truly Inclusive Classroom

Speaker: Dr. Smt. Rashmi Maurya

Chairperson: Md. Waqif

The fourth session of the day focused on the topic "Managing a Truly Inclusive Classroom" and was presented by Dr. Smt. Rashmi Maurya. The session highlighted the importance of creating an inclusive learning environment where every student feels valued, supported, and respected. Dr.



# NEHRU GRAM BHARATI

(DEEMED TO BE UNIVERSITY)

Kotwa-Jamunipur-Dubawal, Prayagraj-221505, Uttar Pradesh (INDIA)

(Deemed to be University U/s-3 of UGC Act 1956)

Administrative Office :

Hanumanganj Campus,

G.T. Road, Hanumanganj, Prayagraj-221505,

Uttar Pradesh

Email : info.ngbu@gmail.com

Maurya emphasized the need to build a positive and welcoming classroom atmosphere by implementing effective management strategies. The key points discussed included: - Creating a structured and safe learning environment; Using both formative and summative assessments; Organizing inclusive classroom tasks and activities; Providing equal opportunities to all learners; Supporting emotional and behavioral needs; and Engaging actively with students and families.

Day6/Date09/07/2025 session01

Topic: Deciphering Oil & Energy Business

Speaker: Dr. Himanshu Tandon

Chairperson: Dr. Santeshwar Kr. Mishra

The session explored the multifaceted nature of the global oil and energy business, emphasizing its deep connection to geopolitics, currency influence, and economic strategy. Dr. Tandon discussed how oil has powered regions (especially Gulf countries), influenced global politics, and shaped national currencies. The Oil Business was used to establish and concentrate the focus on a earlier course taught by the speaker which was related to the Oil- business- and Tech domain and was offered at the MBA level. The challenges and experience of handling such a course was shared with the audience. The emphasis was on taking up the interdisciplinary nature of the topic, integrating aspects from business, political science, and international relations. He recommended assignment-based evaluation (1000 words) and suggested the use of tools like Google's GBOE dashboard for classroom engagement.

Session02

Topic: Financial Management and Accounting in Private Universities

Speaker: Prof. Dr. Vinod Kumar Pandey

Chairperson: Dr. Santeshwar kr Mishra

Session Overview:

The session focused on the importance of financial planning and transparent accounting practices in private universities. Prof. Dr. Vinod Kumar Pandey highlighted the need for a systematic approach to managing income, investments, and expenditures in private higher education institutions. He showcased the domain for everyone - and addressed the challenges faced by Private Universities:-Heavy dependence on student admissions as the primary income source ; Intense competition from other private colleges and universities; Fluctuations in revenue due to unstable admission trends etc. The session served as a window into the workings of the finance dept, a new idea for a large group of the audience.





# NEHRU GRAM BHARATI

(DEEMED TO BE UNIVERSITY)

Kotwa-Jamunipur-Dubawal, Prayagraj-221505, Uttar Pradesh (INDIA)

(Deemed to be University Q/s-3 of UGC Act 1956)

Administrative Office :

Hanumanganj Campus,

G.T. Road, Hanumanganj, Prayagraj-221505,

Uttar Pradesh

Email : info.ngbu@gmail.com

## Session03

Topic: Contemporary Challenges in Performance Evaluation

Speaker: Prof. Rajesh Kesari

Chairperson: Dr. Shaktinath,

The session aimed to explore the current challenges faced in the process of performance evaluation within organizations, particularly in academic and professional settings. It focused on the purpose, process, and benefits of effective performance evaluation systems. It helps in effective team management, and planning of training and development. Discussion included - methods of Performance Evaluation - Traditional Methods: Rating scales, ranking, checklists, etc.; Modern Methods - BARS (Behaviorally Anchored Rating Scale); and 360-degree feedback etc. The challenges were taken up with relevant examples.

Day 7/Date/10/07/2025

## Session 01

Topic: The Four Quadrant Approach under NEP2020.

Speaker: Dr.S.C. Tiwari (Pro VC)

Chairperson: Prof Brijendra Mishra

Indian Knowledge System (IKS) includes traditional Indian knowledge in areas like philosophy, mathematics, health (Ayurveda), astronomy, language (Sanskrit), and ethics.

The Four Quadrant Model used in digital education (e.g., SWAYAM) consists of:

- 1 E-Tutorials – Video lectures on topics like Vedic Maths or Yoga philosophy.
2. E-Content – PDFs, ancient texts, and manuscripts (e.g., Panini's grammar).
3. Discussion/Interaction – Forums for debates on ethics, spiritual logic, or Indian science
4. Self-Assessment – Quizzes, reflections, and assignments based on ancient wisdom (e.g., Gita, Upanishads).

This model helps present IKS in a modern, structured, and learner-friendly way, blending ancient values with new-age learning as per NEP 2020. The Pro Vice Chancellor took the Four Quadrant Approach and related it to the ancient Indian literature to highlight the relative benefits and applications.

Since it was a day of "Guru Purnima" it was unanimously decided to honour our Pro Vice Chancellor with a small memento as a token of our respect and appreciation.



# NEHRU GRAM BHARATI

(DEEMED TO BE UNIVERSITY)

Kotwa-Jamunipur-Dubawal, Prayagraj-221505, Uttar Pradesh (INDIA)

(Deemed to be University U/2-3 of UGC Act 1956)

Administrative Office :

Hanumanganj Campus,  
G.T. Road, Hanumanganj, Prayagraj-221505,  
Uttar Pradesh

Email : info.ngbu@gmail.com

## Session: 02

Theme: Bloom's Taxonomy

Speaker: Prof. Rohit Ramesh (Vice Chancellor)

Chairperson: Prof. Brijendra Mishra

The session provided valuable insights into Bloom's Taxonomy, a tool widely used to assess a student's comprehension level and evaluation skills. The speaker emphasized its significance in the Outcome-Based Education (OBE) framework, particularly aligned with the goals of the NEP 2020.

Each level, as defined by Bloom, was discussed with keywords (cognitive verbs) and their role in designing objectives and assessments, with suitable examples and application inputs.

Usefulness of Bloom taxonomy in Curriculum design, question paper setting, and assessment; was taken up in great detail. The realtyed research works were also discussed to showcase the impact assessment. The session effectively demonstrated the practical utility of Bloom's Taxonomy for educators, learners, and institutions. It highlighted its crucial role in ensuring structured learning, objective assessment, and academic excellence.

## Session : 03

Theme: Open House format

The session was conducted, by the Director-IQAC, in an Open House format with the all participants being offered a chance to give their feedback and comments on this FDP (its content, conduct, and desired outcome)

The feedback was filled with constructive inputs- related to increasing the length; increasing the coverage; and/or augmenting it with a follow-up programme of a similar nature or of a spin-off form to be designed and offered at the Faculty/ Dept. level with the IQAC taking a more guiding role. The prominent speakers who gave the feedback included the Dean (Academic) ; Dean (Law); Dean ( Arts) ; Dean (Commerce) ; HOD- JMC; HoD- Hindi; and many other faculty members. The Hon'ble Pro Vice Chancellor; and Hon'ble Vice Chancellor also gave their feedback on this initiative. The Director-IQAC proposed a vote of thanks on the occasion, with a special mention of the team working behind the scene to help organize this event.

\*\*\*\*\*