



GALGOTIAS SUSTAINABILITY BULLETIN

LEADERSHIP, LEARNING & ENVIRONMENTAL STEWARDSHIP

July 2025



NEWSLETTER





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& ENVIRONMENTAL
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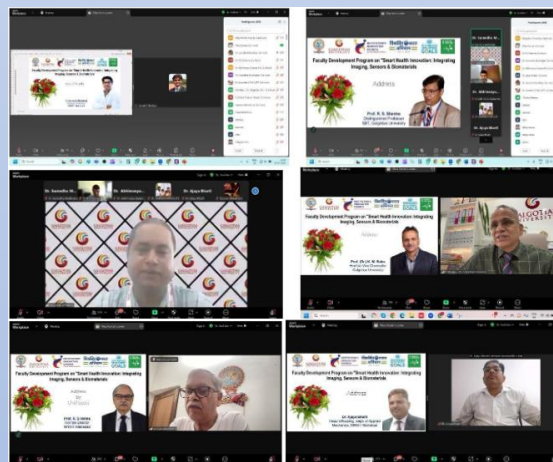


Summer School on Scientific Innovation – Inspiring Young Minds through Research, Creativity & Scientific Excellence



The Summer School on Scientific Innovation, held from 21st to 25th July, provided participants with an enriching platform to explore emerging scientific developments, innovative research approaches, and creative problem-solving. The programme promoted interdisciplinary learning, critical thinking, and practical application of scientific knowledge, inspiring participants to develop innovative solutions for sustainable development and societal well-being.

Faculty Development Program on Smart Health Innovation – Advancing Healthcare through Technology & Research



The Faculty Development Program (FDP) on “Smart Health Innovation: Integrating Imaging, Sensors & Biomaterials”, held from 14th–19th July 2025, provided an enriching platform for faculty members to explore emerging innovations in healthcare technology. The programme highlighted the integration of advanced imaging techniques, smart sensors, and biomaterials in modern healthcare. It promoted interdisciplinary knowledge, research collaboration, technological awareness, and innovative thinking, empowering faculty members to contribute effectively towards technology-driven, sustainable, and patient-centric healthcare solutions.

Educational Visit to Indian Aviation Academy – Bridging Classroom Learning with Real-World Aviation



On 2nd July 2026, the School of Aviation, Logistics and Tourism Management (SALTM), Galgotias University organized an educational visit to the Indian Aviation Academy (IAA). The visit provided students with practical exposure to aviation operations, training facilities, simulators, airport management, air traffic management, and aviation safety. Guided by Capt. Vaibhav Gautam Suresh, Director, SALTM, the visit strengthened industry interaction, enhanced professional knowledge, and inspired students to pursue successful careers in the aviation sector.



आईओएस डेवलपमेंट सेंटर ने बनाया सखी एप

ग्रेटर नोएडा। गलगोटिया विश्वविद्यालय के बी.टेक कंप्यूटर साइंस के छात्र करण कुमार और अर्पिता गुप्ता ने पहले आईओएस डेवलपमेंट बूटकैप के दौरान सखी एप बनाया। इस एप से मासिक धर्म के दौरान व्यक्तिगत देखभाल किया जा सकेगा। करण कुमार और अर्पिता गुप्ता ने इसे महिलाओं के लिए एक संवेदनशील, सशक्त और व्यक्तिगत साथी के रूप में डिजाइन किया है जो न केवल मासिक चक्र ट्रैक करता है बल्कि समय पर रिमाइंडर देता है और भावनात्मक समर्थन भी प्रदान करता है। ब्यूरो

'Multilingual, Inclusive Education Being Realised At Scale'

Marking five years of NEP, **Times of India 29-07-2025** Union education minister argues its ideas, from language choice to stress on skills, have fundamentally changed classroom experience **LV Library**

Dharmendra Pradhan



In 2020, India more than just released a policy – it rekindled an ancient ideal. National Education Policy (NEP) placed learning at the heart of nation building, drawing from civilisational wisdom. Framed through one of the most participatory policy-making processes in history under late K. Kasturirangan's guidance, NEP 2020 was a visionary roadmap rooted in cultural values. It reimagined learning as a process free from confines of rote memorisation, rigid structures, and linguistic hierarchies. It set the stage for a holistic, inclusive and future-ready education system.

Five years on, NEP's impact is visible in policy corridors and classrooms. In early childhood classrooms, play-based learning is displacing rote memorisation; children read fluently in their mother tongue; Class 6 students explore hands-on skills in vocational labs. Its imprint is visible in research hubs where India's knowledge systems engage in dialogue with cutting-edge science. NEP's vision is reflected in the rise of women in STEM fields and in the growing global presence of Indian institutions.

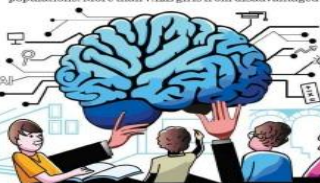
Nipun Bharat Mission has improved learning outcomes, ensuring foundational literacy and numeracy by Class 2. Nipun Bharat's success, reflected in Aser 2024 and Parakh Rashtriya Sarvekshan 2024, has made classrooms spaces of curiosity and comprehension. Initiatives like Vidya Pravesh and institutionalisation of Balvatika will help integrate early childhood care and education. Add to this new-age textbooks and introduction of Jashai Pitara and e-Jashai Pitara in 22 Indian languages. Over 14L teachers have completed Nishtha training, and platforms like Diksha have expanded access to teaching resources.

NEP recognised language is not a hurdle but a powerful medium of empowerment. With 117 language primers developed and Indian Sign Language introduced as a subject, vision of multilingual, inclusive education is being realised at scale. Bharatiya Bhasha Pustak Yojana and National Digital Depository for Indian

Knowledge Systems will democratise access to linguistic and civilisational learning.

National Curriculum Framework for School Education and new textbooks for Classes 1 to 8 are in place. Prerna is a bridge programme to help curriculum transition and ensure students aren't overwhelmed but supported at each stage of their learning journey.

Centrally sponsored schemes like Samagra Shiksha and PM Poshan have helped achieve near-universal enrolment. NEP's reach has extended to underserved populations. More than 7.1L girls from disadvantaged



groups are enrolled in over 5,130 Kasturba Gandhi Balika Vidyalayas. Over 400 hostels have been sanctioned for PVTG learners and 692 hostels under Dharti Aaba Janajatiya Gram Utkarsh Abhiyan. Prashast, a programme that screens for disability, helps the schooling system become more resilient and inclusive.

A key driver of the transformation under NEP 2020 are 14,500 PM Shri schools. These modern, inclusive and green institutions are being developed as exemplary schools aligned with NEP's vision, redefining both infra and pedagogy. The Vidyanjali platform has connected over 8.2L schools with more than 5.3L volunteers and 2,000 CSR partners, directly benefitting 1.7cr students.

In higher education, total enrolment has risen from 3.42cr to 4.46cr, a 30.5% increase. Women now comprise nearly 48% of all students, and female PhD enrolment has more than doubled from 0.48L to 1.12L. This expansion in enrolment, especially for SC, ST, OBC, and minority students, marks a historic achievement for inclusivity in higher education. Female GER has surpassed male GER for six consecutive years.

Introducing Multiple Entry and Exit, Academic Bank of Credits with over 21,12cr APAR IDs issued, and National Credit Framework have together provided flexibility and mobility. With 153 universities offering multiple entry and 74 multiple exit options, learning is not linear but modular and student-driven.

NEP's emphasis on research and innovation has improved India's Global Innovation Index, rank from 81st to 39th. Over 18,000 startups have been incubated across 400 HEIs. Anusandhan NRP, revamped PMRF 2.0, and the Pkcr One Nation One Subscription initiative show a commitment to decentralise access to research.

Tech platforms like Swayam and Swayam Plus have recorded over 3.2cr enrolments. Support of Diksha and PM e-Vidya with over 200 DTH Channels ensures high-quality content is available countrywide. Digital learning ecosystem's success, including biannual admissions and dual degree regulations, has made higher education more inclusive, interdisciplinary, and industry-relevant. In QS World University Rankings 2025, 54 Indian institutions made the list, up from just 11 in 2014. Global universities Deskin, Wollongong, and Southampton have set up campuses in India.

The journey of transformation is being celebrated through Akhil Bharatiya Shiksha Samagan, but is being measured in the quiet confidence of learners, teachers, and parents. We must continue to green our campuses, expand critical research infra, and deepen learning outcomes. Under PM's leadership, education is not just policy but the greatest national investment. Where there is learning, there is progress. A billion minds unshackled and empowered aren't just a demographic dividend, but New India's supernova.

(Excerpt from personal)





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Ranked 4th in North India
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- BA Journalism and Mass Communication
- BA Journalism and Media
- BA Film Production and Theatre
- BA Strategic Communication
- B.Sc. Cinema in association with GKFTII

Post Graduate Programs

- M.A in Journalism and Mass Communication
- M.Sc. Cinema in association with GKFTII

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NIRF to award institutions negative scores for retractions from journals

R. Prasad
CHENNAI

In a first, starting this year, the National Institutional Ranking Framework (NIRF) will award negative scores to higher educational institutions for papers that have been retracted from journals in the last three calendar years and their corresponding citations.

"This year, we will award some negative weightage for retracted papers and their citations. Next year, the penalty will be harsher," says Anil Sahashrabudhe, Chairperson of the National Board of Accreditation (NBA), the agency managing the NIRF. This is the first time the NIRF will be awarding negative weightage while calculating the ranking.

"Both the number of retractions as well as citations from these retracted papers will be taken into account," Dr. Sahashrabudhe says. "We are also learning and will fine-tune the negative scoring system as we go."

"By awarding a negative score for retractions, we want to send out a strong message that research



Stricter rules: Both number of retractions and citations from these papers will be considered, says Chairperson of NBA. GETTY IMAGES

should be conducted ethically," he says.

Unethical practices

While most of the retractions are due to unethical research practices such as data fabrication, manipulation of images, using the same image in multiple papers dealing with completely different materials, using large language models (LLMs) without proper disclosure and so on, some are due to genuine mistakes. It is for this reason that journals do not wish to give the impression that retractions are necessarily bad. Will it be correct to penalise institutions for retractions that have been due to genuine mistakes and not unethical prac-

es? "Retractions due to genuine mistakes are far less, and that had been happening some years ago. But most of the retractions now are due to unethical practices," he asserts.

He does not rule out harsher penalties to institutions that continue to have a large number of retractions in the years to come. To begin with, the penalty will be mild this year, which will become harsh next year and harsher in the future if institutions continue to have a large number of retractions every year, he says. "Maybe we may even blacklist institutions for a few years if the retractions stay high," Dr. Sahashrabudhe says.

Dismissing any objections that institutions should not be penalised for wrongdoings of individual researchers, he retorts: "If institutions can take the credit for the number of papers published by their researchers, they should also take the discredit [penalty] for the retracted papers. They should take measures to ensure that the number of papers retracted reduces." He then asks, "Institutions already have internal quality teams. What are they doing?"

"The focus should shift from mere quantity to quality of research and research ethics," Dr. Sahashrabudhe says.

"Research and Professional Practices" is one of the important parameters used by the NIRF for ranking institutions. Under this head, scores are awarded for parameters such as the weighted number of publications in a given year, quality of publications which are measured based on the total citation counts over previous three years and the number of citations in the top 25 percentile averaged over the previous three years.

Galgotias University is committed towards the 17 Sustainable Development Goals of the United Nations



Plot No.2, Sector-17A, Yamuna Expressway, Opposite Buddha International Circuit
Greater Noida, Gautam Buddha Nagar, Uttar Pradesh 203201 (INDIA)

admission@galgotiasuniversity.edu.in | www.galgotiasuniversity.edu