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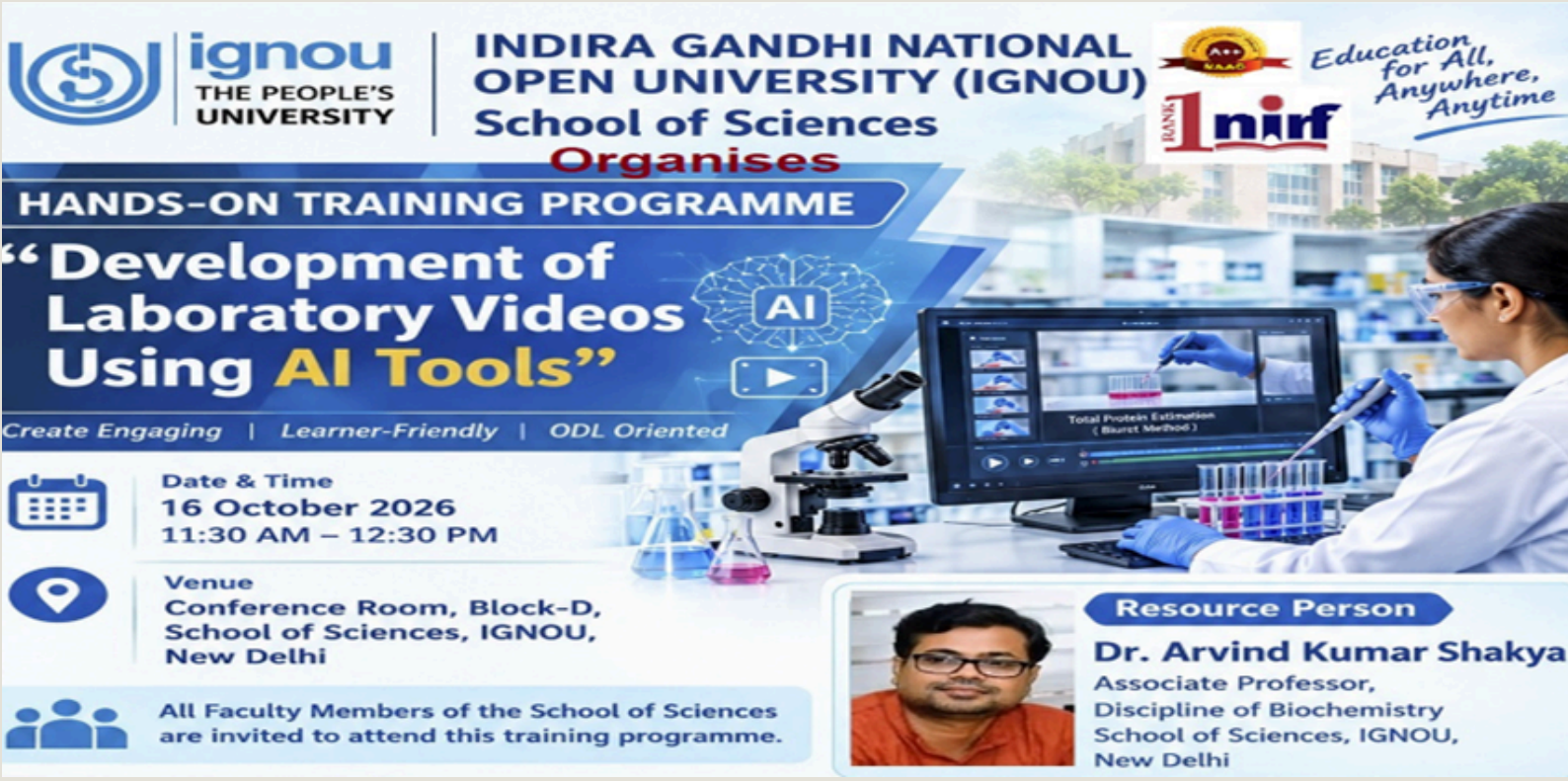
विश्वविद्यालय समाचार

22 October 2026 / HQs & RCs

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SCHOOL OF SCIENCES

A Half Day Hands-on Training Session on "Development of Laboratory Videos Using AI Tools"



The **School of Sciences,** (IGNOU), New Delhi, organised a hands-on training programme on **'Development of Laboratory Videos Using AI Tools'** on 16th October 2026 at the IGNOU Headquarters with the objective to familiarize faculty members with the emerging applications of Artificial Intelligence (AI) in Science Education and Open and Distance Learning (ODL). **Dr. Arvind Kumar Shakya**, Associate Professor, Discipline of Biochemistry, School of Sciences, was the Resource Person, who conducted the lecture and hands-on training session. Faculty members of the School of Sciences participated actively in the training programme.

SCHOOL OF SCIENCES



Prof. Manish Trivedi, Director of the School of Sciences at IGNOU, appreciated the initiative towards organizing the hands-on training programme on AI-assisted laboratory video development. He highlighted the importance of adopting emerging AI technologies to strengthen science education in the Open and Distance Learning (ODL) environment.

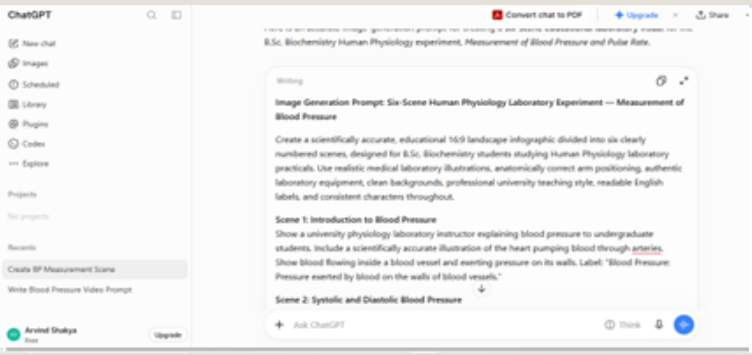
He appreciated **Dr. Shakya's** initiative in sharing his practical experience and demonstrating the use of AI tools to faculty members. He also emphasised that AI-enabled laboratory videos and virtual demonstrations can provide learners with greater access to practical learning and enhance the effectiveness of B.Sc. and M.Sc. science programmes. He encouraged faculty members to explore and responsibly integrate AI tools into teaching, course development and learner support activities.

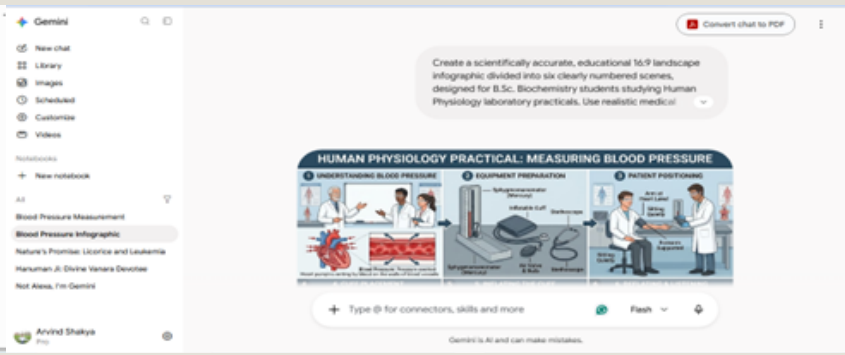


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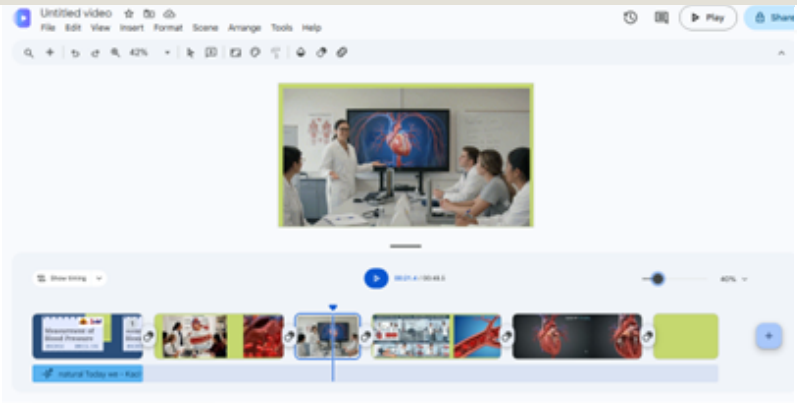
The faculty members actively participated in the practical session and gained an understanding of the basic AI-assisted workflow for laboratory video development. The training also emphasised that AI-generated educational content requires scientific validation, instructional planning, video review, appropriate prompt design and human supervision to ensure accuracy and educational quality.

During the programme, **Dr. Shakya** highlighted the need for and significance of virtual laboratory resources in science education, particularly in the context of Open and Distance Learning (ODL). He explained that laboratory-based learning is an essential component of B.Sc. and M.Sc. science programmes, while ODL learners may have limited access to conventional laboratory facilities. Well-designed laboratory videos and virtual demonstrations can complement practical learning by enabling learners to observe experimental procedures, understand sequential steps, visualise scientific concepts and revisit demonstrations at their convenience.





Dr. Shakya emphasised the growing importance of Artificial Intelligence (AI) in ODL and explained how AI-assisted tools can facilitate the development of interactive, visual, learner-friendly and accessible educational resources. He demonstrated the complete workflow for developing laboratory videos—from identifying learning objectives and planning experiments to script writing, prompt development, generation of scientific visuals, video creation, narration, voice-over, editing and integration of educational content.

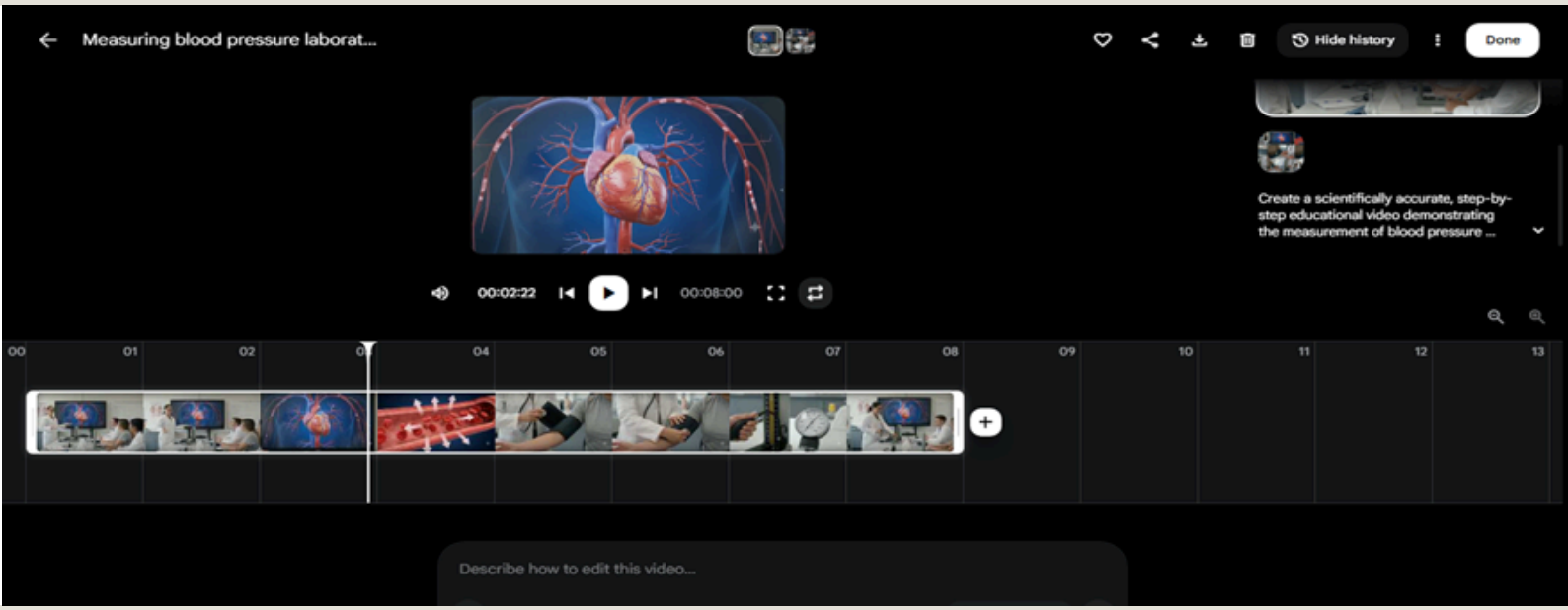




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As part of the hands-on training, **Dr. Shakya** showcased laboratory videos developed by him in both Hindi and English, demonstrating how AI tools including ChatGPT, Google Gemini, Meta AI, Google Flow and Google Vids can be used to create learner-friendly and multilingual laboratory learning resources. He subsequently demonstrated how carefully designed prompts can be used to generate scientific images, animations and video sequences and integrate them into effective laboratory demonstrations.

Dr. Shakya also addressed the queries and doubts raised by the faculty members regarding the effective and ethical use of AI tools for developing educational and laboratory videos. He emphasised the importance of scientific accuracy, originality, copyright, responsible use of AI-generated content, data privacy and appropriate human oversight while creating AI-assisted educational resources.



The programme provided faculty members with practical exposure to emerging AI technologies and encouraged them to explore the development of virtual laboratory demonstrations and digital learning resources for science programmes. The training concluded with the understanding that effective use of AI can support the creation of high-quality, engaging and learner-centred laboratory vidoes, thereby strengthening practical learning and improving access to science education in the ODL environment.

The Hands on Training programme ended with the votes of the thanks to the resource person **Dr. Arvind Kumar Shakya** and Director, SOS.

RC SHIMLA

IGNOU Regional Centre Shimla Organises Weekly Student Grievance Redressal Camp





IGNOU Regional Centre Shimla organised its weekly Student Grievance Redressal Camp on 21 October 2026 under the guidance of Regional Director **Dr. Sandeep Gupta.**

During the camp, **Dr. Sandeep Gupta** addressed learners' queries regarding the online submission of synopses and project reports in accordance with the recent notification issued by IGNOU's Student Evaluation Division (SED). He explained the revised submission procedure and provided the necessary guidance to help learners comply with the prescribed guidelines.

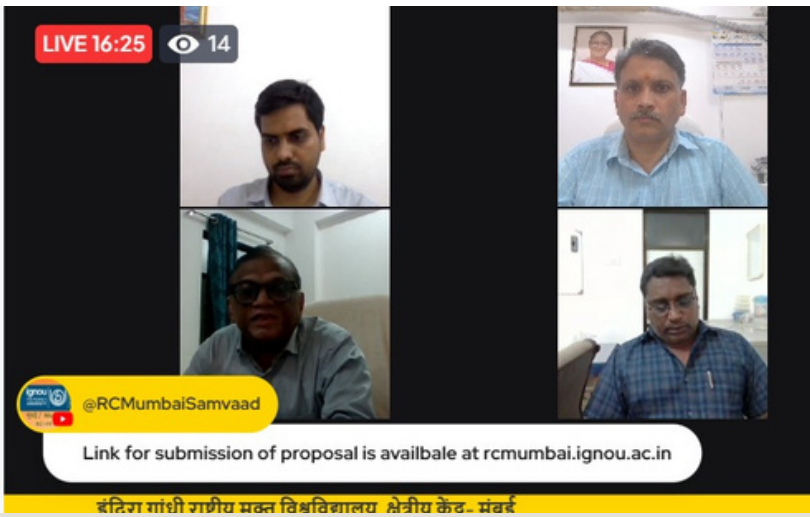
Dr. Swapnil Gupta, Assistant Regional Director, addressed learners' queries related to migration certificates, degree-related matters, Provisional Degree Certificates (PDCs), and Degree/Final Mark Sheets (DMCs). Learners were guided on the relevant procedures and channels for obtaining these documents.

The camp provided a platform for direct interaction between learners and Regional Centre officials, facilitating grievance redressal and the dissemination of important academic and administrative information. The initiative reaffirmed IGNOU Regional Centre Shimla's commitment to responsive administration and effective learner support.

RC MUMBAI

IGNOU Regional Centre Mumbai Conducts Live Session on Online Project Management System (OPMS)





On 21 October 2026, **IGNOU Regional Centre Mumbai** conducted a live YouTube session on the Online Project Management System (OPMS), recently launched by the Hon'ble Vice Chancellor.

During the session, **Dr. Rahul Mishra** familiarised participants with the key features of OPMS and highlighted its potential to enhance student support services by enabling the University and Regional Centres to process project-related submissions more efficiently. He encouraged eligible learners to use the portal to submit their final project reports.

Dr. P. Namboothiripad, Assistant Regional Director (ARD), explained the step-by-step process of submitting project reports through the online portal, using a presentation to guide participants. He also outlined the documentation required for submission.

Dr. Milind B. Patil, ARD, provided guidance on project proposals and reports for various programmes and advised learners to refer to the respective project manuals for detailed instructions.

Mr. Shashank Tripathi, Assistant, coordinated the queries received through the live chat, which were addressed by the Regional Centre staff.

RC LUCKNOW

IGNOU Regional Centre Lucknow Organises Workshop on Pre-Placement Preparation and Employability Skills



IGNOU Regional Centre Lucknow, in collaboration with Ram Swaroop Gram Udyog PG College, Kanpur Dehat (LSC-27211), organised a workshop on Pre-Placement Preparation and Employability Skills on 21 October 2026.

The programme was held under the chairpersonship of **Dr. Anil Kumar Misra,** Senior Regional Director and Head, IGNOU Regional Centre Lucknow. **Shri Himanshu Singh** (PCS), Assistant Employment Officer, Lucknow, delivered the keynote address. **Dr. Jai Prakash Verma,** Regional Director, served as the Convener, while **Dr. Parvat Singh,** Coordinator, LSC-27211, served as the Organising Secretary. **Dr. Nishith Nagar,** Assistant Registrar, along with LSC coordinators, staff members and learners, participated in the workshop.

The workshop focused on enhancing learners' employability through interview techniques, communication skills, professional etiquette and career planning. **Shri Himanshu Singh** emphasised the importance of confidence, practical skills and systematic preparation for securing suitable employment opportunities.

The programme concluded with a vote of thanks proposed by **Dr. Parvat Singh,** reaffirming IGNOU's commitment to strengthening learner support and promoting employability.

RC PATNA

IGNOU Regional Centre Patna Holds Induction Meeting for BCA NEW Learners at TPS College





IGNOU Regional Centre Patna organised a face-to-face induction meeting for newly enrolled Bachelor of Computer Applications (BCA NEW) learners of the July 2026 session at Learner Support Centre (LSC-0568), TPS College, on 15 October 2026. The meeting aimed to familiarise learners with the University's academic framework and learner support services.

Dr. Asif Iqbal, Regional Director, and **Dr. Neelu Sharma,** Assistant Regional Director, guided learners on the BCA programme structure, online learning resources, assignment submission procedures, practical sessions, and term-end examinations. They encouraged learners to follow University notifications, adhere to prescribed deadlines, and seek timely guidance from the Regional Centre and Learner Support Centre.

The session concluded with an interactive question-and-answer session, during which learners' queries regarding academic procedures and programme requirements were addressed.

The meeting was attended by **Prof. Tapan Kumar Shandilya,** Principal, TPS College; **Prof. Dr. Rupam,** LSC Coordinator; other LSC staff members; and around 200 learners. It provided an opportunity for learners to interact with University officials and understand the academic requirements and support mechanisms available throughout their programme.