International Symposium on Frontier Technologies: From AI and Biomedical Innovation to Indian Space Exploration

Date: 18 August 2025 (10.30 AM onwards)

Venue: Academic Activity Centre, Chauras Campus, HNBGU

About the Symposium: The symposium aims to bring together eminent experts to share their insights on cutting-edge technologies in Artificial Intelligence, Nanotechnology, Biomedical Applications and India's Space Science, with a focus on fostering research collaboration and innovation.

The symposium will not only enhance academic engagement and international collaboration but also provide our faculty and students with exposure to global advancements in research and funding opportunities in Science and Technology. Further, this initiative holds great potential for establishing long-term research collaboration, including faculty and student exchange programs, which would greatly benefit our university in academics and research. The beneficiaries include students, research scholars and faculty members.

Speakers: We are privileged to have following distinguished speakers:

1.   **Shri Ravi Kumar Varma**, **a Senior Scientist from Space Applications Centre (SAC), Indian Space Research Organization (ISRO), Ahmedabad, India** will speak on "*Indian Space Programme: Past, Present and Future*." He will also provide valuable insights into research funding opportunities available through ISRO in the domain of Science, Engineering and Technology.

2.   **Prof. N. P. Yadav**, an esteemed academician from **Hubei Polytechnic University Wuhan, China**, will deliver a talk on "*Artificial Intelligence and Nanotechnology-Based THz Super-Resolution Imaging for Biomedical Applications*." Prof. Yadav will also lead a discussion on potential research collaborations and faculty/student exchange programs between India and China, which could prove highly beneficial for our academic and research community.

Participation: Faculty, research scholars and students from Science and Engineering background are encouraged to attend.

Registration Fee and Certificate: There is no registration fee for participation and e-Certificate shall be provided to the participants.

Registration: For the registration, please use the following URL and fill the google form: https://forms.gle/ScRsSwiYE6znekt67

Organizers:

1. **Dr. Om Prakash**, Department of Computer Science and Engineering (Mob-9415267989)
2. **Dr. Prem Nath**, Department of Computer Science and Engineering (Mob. 8256973005)
3. **Dr. Brijesh Gangil**, Department of Mechanical Engineering (Mob. 9450082298)

Organized by:
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