

**Govind Ballabh Pant University of Agriculture and Technology
Pantnagar, District- Udham Singh Nagar (Uttarakhand)**

Pantnagar University Poised to Lead India's Semiconductor Revolution

Pantnagar. 26 March 2025. After driving the Green Revolution that transformed India's agriculture, Govind Ballabh Pant University of Agriculture and Technology, Pantnagar, is now poised to lead the nation's next leap—the Semiconductor Technology Revolution.

As Prime Minister Shri Narendra Modi emphasizes self-reliance in semiconductor design and manufacturing, developing a domestic semiconductor ecosystem has become critical for India's technological independence and national progress. Under the visionary leadership of Hon'ble Vice Chancellor Dr. Manmohan Singh Chauhan, the university has acquired world-class Electronic Design Automation (EDA) tools worth ₹10 crore under the Government of India's "Chip to Startup" scheme, supported by the Ministry of Electronics and Information Technology (MeitY). The university is also engaging with Taiwan-based semiconductor leader TSMC for advanced foundry technology access. Sharing the university's ambitious vision, Dr. Chauhan stated: 'With these advanced EDA tools and technologies, our students and researchers can design innovative circuits, conduct high-quality research, publish findings in reputed journals, and file patents. We aim to transform Pantnagar into a thriving hub for high-tech semiconductor startups by nurturing an ecosystem encompassing training, research, incubation, innovation, and entrepreneurship.'

Dr. R.P.S. Gangwar, Head of the ECE Department, is aligning academic programs with the objectives of the National Semiconductor Mission, introducing new VLSI-focused electives to continuously produce skilled chip-design professionals. This initiative marks a transformative chapter for Pantnagar University, reinforcing its legacy of national impact. With visionary leadership, advanced infrastructure, and cutting-edge technology, Pantnagar is well-positioned to accelerate India's semiconductor self-reliance.



Vice Chancellor Dr. Manmohan Singh Chauhan with Dean Post Graduate College Dr. RPS Gangwar and E. Vivek Nautiyal, alumnus of 2000 batch of the University's College of Technology.