

*I believe in **technology based innovation**
for transforming education as well as industries.*



Dr. JYOTI TANDUKAR

An Electronic Engineer
with 35 years of diversified professional experience
in academia as well as industries internationally.

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Date of Birth
2023/01/14

Assistant Professor
2050/04/01

Associate Professor
2062/07/07

BE (E&C)
IIT Roorkee
1991

MSc (Electronics)
Cardiff University
1994

PhD (Electronics)
Tribhuvan University
2008

Dr. Jyoti Tandukar is an **Associate Professor** at the Institute of Engineering (IoE), Tribhuvan University. His primary interest is to **teach his Engineering students to innovate**. He introduced the **computer program for Entrance Examination** result processing as well as answer sheet checking at IoE 30 years back. The Department of Electronics and Computer Engineering has seen **transformational changes** during his tenures as Deputy Head and subsequently the Head. He also practices applied research on his own, possesses **two patents on color technologies** (2003), and his application for two more patents are currently on review (2026).

He has an **excellent academic record**, starting from Board Fifth in SLC (1983) to Best Overall Performance with Lion Laboratories Prize in MSc (UK) (1994), and he has received many honors, awards, and scholarships.

He has been a **member of International Advisory Board** of Asia Pacific Symposium on Information and Telecommunication Technologies (APSITT) held in New Caledonia (2003), Myanmar (2005), Maldives (2008) and Malaysia (2010). He is the **Past President of IT Professional Forum**, a non-government organization founded with a vision of ICT-led development of Nepal, and has also been appointed as a **member of National Information Technology Advisory Committee** at the Ministry of Science, Technology and Environment (2015).

He has served as a Jury Member in many national level IT competitions.

He has **transformed Carpet Industry of Nepal** through his Research, Development and Innovation. In this connection, he has also been to the School of Art, University of Washington, Seattle as a **Visiting Professor for teaching two workshops** (2005) and worked as **International Consultant and Trainer** to Uzbek-German Technical Cooperation Project of GIZ, Uzbekistan for Technology Aspects of Improving Handmade Carpet Design Methods (2009).

The **pioneering native computer magazines of Nepal** back in the 1990s: Core Computer Magazine and CORExpress are also attributed to his team.

He was the **co-editor of the Proceedings** of APSITT 2001, and his technical articles have appeared in many national and international publications.

His old writings (2010) on technology, innovation and future is available at <https://jyoti.tandukar.net/>. He can be reached at jyoti.tandukar@gmail.com