**Dr. Jyoti Tandukar is an Electronic Engineer
with a diversified professional experience
in academia as well as industries internationally.**

He is the **CEO of Alternative Technology**, a computer graphics software company in Kathmandu with users in more than 100 countries, which includes topmost companies dealing with custom rugs world-wide as well as leading rug producers in Nepal. Features on him and his software have appeared in many carpet related international trade magazines.

He is a tenured **Associate Professor** at the Institute of Engineering, Tribhuvan University, and a Visiting Faculty at Kathmandu University. He has also been to the School of Art, University of Washington, Seattle as a Visiting Professor for teaching two workshops and provide independent consultation on the use of Galaincha Software and worked as International Consultant and Trainer to Uzbek-German Technical Cooperation Project, Uzbekistan for Technology Aspects of Improving Handmade Carpet Design Methods.

As a Technopreneur dedicated in transformation of processes through computer graphics software, he is now primarily concentrating on **teaching his Engineering students to innovate**. The Answer Sheet Examiner software he introduced has been successfully implemented in the Entrance Examinations of Institute of Engineering, Ministry of Education, as well as Institute of Medicine.

He possesses an **excellent academic record**, and 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) for several years. Currently he is the **President of IT Professional Forum**, a non government organization founded with a vision of ICT-led development of Nepal. He has also served as a member in the jury of Java Contest 2007 organized in Nepal by Wakhok University, Japan in association with Kathmandu Engineering College.

Dr. Tandukar possesses **two patents on color technologies**, and copyright on Galaincha software. The pioneering native computer magazines of Nepal: 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. Besides hard work and a little luck, for a small country like Nepal, he believes that **the mantra for success is innovation** in a service oriented niche market where large companies cannot enter.

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