

# 2023-2024 Academic year

## Prof., Dr.Takahiro Yamanoi



Prof. Dr. Takahiro Yamanoi. April 2020 -at present, Invited Professor, Graduate School of Health Sciences, Hokkaido University, Sapporo, Japan. April 1970 – March 1974 Sagami Institute of Technology (Shonan Institute of Technology, at present), April 1979 - December 1986, Assistant Professor of Faculty of Engineering of Hokkaido University January 1987 – March 1990, Associate Professor of Hokkai Gakuen University, Faculty of Engineering, Division of Electronics and Information Engineering, (one of the founders of the division) April 1990 March 2012, Professor of Hokkai Gakuen University, Faculty of Engineering, Division of Electronics and Information Engineering, Graduate School of Engineering, (one of the founders of the graduate school of engineering) (April 2002 – March 2006, Director of Admissions Section, Hokkai Gakuen University April 2009 – March 2012, Dean of Faculty of Engineering) April 2012 - March 2020, Professor of Hokkai Gakuen University, Faculty of Engineering, Division of Life Science and Technology, Graduate School of Engineering, (the founder of the division).

He delivered courses: “Brain-Computer Interfaces” and “Statistics for Business and Economics” at UNEC Business School, Azerbaijan State University of Economics (UNEC).

## Prof., Dr. Khosla Praveen Kumar



Prof., Dr. Khosla Praveen Kumar, Pro Vice Chancellor (Research), Chitkara University, India. Dr. Khosla has over 36 years of experience in Research & Development in the domains of Defense & IT. Having been a part of the historic National Level Project as a Scientist under Dr Abdul Kalam, he subsequently made extensive contributions in the Missile Development Programs during his prolific tenure at the DRDO, which were duly recognized by the Government of India on several occasions. Dr. Khosla led a team for the development of a Telemedicine solution which had a considerable impact during the pandemic. Having been adopted by 35 states in India, more than 4 crore patients have availed this solution, with daily tele-consultations touching 2 Lakhs. The work got due recognition when he received Digital India Award from Hon’ble President of India. In the critical sphere of Cybersecurity, Dr. Khosla spearheaded multiple high value Cyber Security projects for the National Threat Hunting and Response System, and he was also the Chief Information Security Officer (CISO) of all the 12 C-DAC centers (C-DAC is a premier R&D organization of the Ministry of Electronics and Information Technology). He was also the Chief Investigator in a project where he developed Stream

Data Analytics Framework using IoT/Unmanned Aerial Vehicle (UAV) in Precision Farming. Expert Areas: Cyber Security, AI, Healthcare Technologies, Defense Technologies, Edge Computing, IoT.

He delivered courses: “A practical Approach to Cyber Security and Risk Management”, “Internet of Things (IoT)” at UNEC Business School, Azerbaijan State University of Economics (UNEC)

## Prof., Dr.Nishchal Kumar Verma



Dr. Nishchal Kumar Verma is a Professor in the Department of Electrical Engineering at the Indian Institute of Technology Kanpur. He has received several awards, including the Smt. Lata and K.G. Karandikar Faculty Chair Professor (2024), the Teaching Excellence (2024), the prestigious research fellowship from UNEC, Azerbaijan (2023), research fellowship from University of Tennessee, Memphis, USA (2022, 2010) and the Devendra Shukla Young Faculty Research Fellowship (2013). Dr. Verma specializes in the theoretical developments of Artificial Intelligence, Machine Learning, and Deep Learning, applying these concepts to Electrical Engineering and various interdisciplinary fields. His research areas include Large Language Models, Intelligent Instrumentation, Control, Automation, Computer Vision, Prognosis and Health Management of Machines, Bioinformatics, and Cyber-Physical Systems, among others. Dr. Verma and his team have developed several AI-based technologies for The BOEING Company, USA, and organized numerous national and international workshops, conferences, seminars,

brainstorming sessions and short-term courses. He has published over 270 research papers in reputable peer-reviewed journals and conferences and has authored, co-authored, or edited six books.

Prof. Nishchal Kumar Verma conducted research at the UNEC Business School of the Azerbaijan State University of Economics. He delivered courses: “Distributed Application Development and Design”, “Machine Learning”, “Security Operations and Management”.

## **Associate Prof. Dr. Gotttschhall Richard Lane**



Dr. Gotttschhall Richard Lane, associate professor at The State University of New York at Plattsburgh, USA, has been awarded a Fulbright Program Scholar for the 2023-2024 academic year. Dr. Gotttschhall Richard Lane conducted research at the UNEC Business School of the Azerbaijan State University of Economics. He delivered courses: “Marketing Management” and “Entrepreneurial Management” at MBA Program at the UNEC Business School of the Azerbaijan State University of Economics..