Prof. (Dr.) Dinesh Kumar
LMISTE, LMPAS, MIEI, MCSI
Department of Computer Science & Engineering
Central University of Jammu, J&K
India
Ph.No. 9815814764, 9814814755
Email: dinesh.cse@cujammu.ac.in
      drdineshkindia@gmail.com

CAREER PROFILE

Dr. Dinesh Kumar is a Professor of Computer Science & Engineering at Central University of Jammu since November 2023. Dr. Kumar is an enthusiastic, self-motivated, responsible and hard working person having more than 20 years of teaching, administrative and research experience and has worked at various academic positions. His areas of research are Machine Learning, Natural Language Processing and Wireless Sensor Networks. He has guided 37 M.Tech. students and guided 05 Ph.D. students. He has published over 75 papers in national and international journals, conferences and book chapters. He is a Life Member of Punjab Academy of Sciences, Life Member of Indian Society of Technical Education, Member of Institute of Engineers (India) and Member of Computer Society of India. As a testament to his teaching and research ability, Dr. Kumar received Best Engineering College Teacher Award (Punjab State) from Indian Society of Technical Education (ISTE) in the year 2017.

Dr. Kumar is a reviewer of many reputed international journals like Journal of Network and Computer Applications (Elsevier), Journal of Ambient Intelligence and Humanized Computing (Springer), Transactions on Asian and Low-Resource Language Information Processing (ACM) etc.

ACADEMIC QUALIFICATIONS

- ✓ **Ph.D.**   Punjabi University Patiala, India
- ✓ **M.Tech.**   Punjabi University Patiala, India
- ✓ **B.Tech.**   Punjab Technical University, Jalandhar, India

EMPLOYEMENT DETAILS

- ✓ **Professor – CSE**   November 2023 – till date
  Central University of Jammu
- ✓ **Associate Prof. & Head (B.Tech. – IT)**   July 2011 – November 2023
  DAV Institute of Engineering & Technology, Jalandhar
- ✓ **Assistant Prof. & Head (B.Tech. – IT)**   July 2008 - July 2011
  DAV Institute of Engineering & Technology, Jalandhar
- ✓ **Sr. Lecturer & Head (B.Tech. – IT)**   July 2006 - July 2008
  DAV Institute of Engineering & Technology, Jalandhar
- ✓ **Lecturer - CSE**   Aug 2003 - July 2006
  DAV Institute of Engineering & Technology, Jalandhar

AREA OF RESEARCH

- ✓ Wireless Sensor Networks
- ✓ Machine Learning
- ✓ Natural Language Processing

SUBJECTS TAUGHT

- ✓ Data Structures
- ✓ Big Data
- ✓ Computer Networks
- ✓ Software Engineering
- ✓ Web Technologies
- ✓ System Analysis & Design
- ✓ Object Oriented Programming using C++

CERTIFICATIONS/COURSES

- ✓ Huawei Certified ICT Associate (HCIA-AI) – Artificial Intelligence
- ✓ Machine Learning with TensorFlow (5 Course Specialization) on Google Cloud Platform by Google Cloud (Coursera) - Completed
- ✓ Applied Data Science with Python (5 Course Specialization) by University of Michigan (Coursera) – Completed 3 Course

ADMINISTRATIVE RESPONSIBILITIES

- ✓ Member BoS (CA), IKG PTU, Kapurthala from May 2019 to May 2021
- ✓ Member BoS (CSE) IKG PTU, Kapurthala from March 2017 to March 2019
- ✓ Head – IT at DAVIET, Jalandhar from Sept to 2006 to Nov 2023
- ✓ Coordinator of M.Tech – CSE (Regular) & M.Tech – CSE (Part time) at DAVIET, Jalandhar
- ✓ Coordinator of Online exams conducted by various placement companies, Government Agencies in the Institute
- ✓ Convener of Institute purchase committee for computer related items.

AWARD

- ✓ Best Engineering College Teacher Award for Punjab State – 2017 by Indian Society for Technical Education (ISTE)

RESEARCH GUIDANCE

- ✓ Ph.D.   Guided 05
- ✓ M.Tech   Guided 37

MEMBERSHIPS OF PROFESSIONAL SOCIETIES

- ✓ Life Member of Punjab Academy of Sciences
- ✓ Member Institute of Engineers (India)
- ✓ Life Member of ISTE
- ✓ Member of Computer Society India

PUBLICATIONS

- ✓ Journals (International/National):   57
- ✓ Conferences (International/National):   17
- ✓ Book Chapters: 07

EXPERT TALKS DELIVERED

- ✓ Software Defined Networks at UIET, PU, Hoshiarpur on 13th February 2023
- ✓ Role of Machine Learning in Web Application Development during UGC sponsored National Seminar on Web Effusion – An Upsurge in Web Designing and Development at S.D. College for Women, Jalandhar on 5th October 2019
- ✓ Research in Machine Learning and Big Data at Global Institute of Engineering & Technology, Amritsar on 6th September 2017
- ✓ Machine Learning & Natural Language Processing: Techniques and Tools during UGC sponsored National Conference on Communication and Computing Technologies (NCCCT-2017) at Apeejay College of Fine Arts, Jalandhar on 11th March 2017
- ✓ WEKA Tool - A Data Mining System during TEQIP - II sponsored 2-week FDP on Computing Tools to facilitate Multidisciplinary Research at Guru Nanak Dev Engineering College, Ludhiana on 26th May 2016
- ✓ Document writing using Latex –Typesetting System in 1-week FDP at PU Regional Centre, Hoshiarpur on 8th July 2015
- ✓ Career Opportunities in Computer Science & Information Technology at DRVDAV Centenary College, Phillaur under UGC sponsored Career & Counseling scheme on 23rd Feb 2011

CONFERENCE/WORKSHOPS/TRAINING ORGANIZED

- ✓ Session Chair, International Conference on ML & Human Computer Interaction at DAV University, Jalandhar, April 2023
- ✓ Session Chair, International Conference on Applications of AI & ML at Punjabi University, Patiala, May 2020
- ✓ Track Chair, Punjab Science Congress on Innovating Science and Technology in the Service of Society at DAV Institute of Engineering & Technology, February 2019
- ✓ Technical Program Chair, International interdisciplinary conference on Science Technology Engineering Management Pharmacy and Humanities at NTU, Singapore, April 2017
- ✓ Coordinator, 5-day workshop on Big Data using Hadoop and IoT organized in the institute in collaboration of NIELIT, Chandigarh from October, 2017.
- ✓ Track Chair, DAV National Congress on Science, Technology Engineering Humanities and Management at DAV Institute of Engineering & Technology, May 2016
- ✓ Convener of Track Conference organized under DAV National Congress on Science, Technology and Management at DAV Institute of Engineering & Technology, December 2014
- ✓ Executive Member, DAV National Congress on Science and Technology at DAV Institute of Engineering & Technology, May 2013
- ✓ Convener, workshop on Learning effective document writing using LaTeX at DAV Institute of Engineering & Technology, April 2010
- ✓ Co-convener in National Conference on Modern Management Practices and Information, Technology Trends at DAV Institute of Engineering & Technology, June 2009

Date: 13/12/2023   **Prof. (Dr.) Dinesh Kumar**