Faculty Profile

Dr. S. Kishore Verma, M.E., Ph.D
Professor – Artificial Intelligence and Data Science

HIGHLIGHTS:

- Number of Journal Publications:16
- H-Index:3
- Project Funding Received: Nil
- Patents Published:05
- Patents Granted: Nil

PROFESSIONAL LINKS:

- Scopus ID: 57191835955
- Scopus Link: https://www.scopus.com/authid/detail.uri?authorId=57191835955
- Google Scholar ID:
  https://scholar.google.com/citations?hl=en&user=TwhJQBAAAAAJ
- Anna UniversityFaculty ID: 321364
- AICTE Faculty ID:1744187362
- LinkedIn: https://www.linkedin.com/in/dr-kishore-verma-63458665

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 18 Years 3 Months

INTERNATIONAL EXPOSURE:

- Acted Reviewer in Springer Nature Journals

AREA OF SPECIALIZATION:

- Privacy Preserving Data mining
- Artificial Intelligence
- Machine Learning
- Software Testing
- Software Engineering
- Operating System
- Database Concepts

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:

FUNDS AND GRANTS Applied

- **Title:** Smart Assistance for Visually challengEd People [SAVE]
  Principal or Co-Investigator: Principal Investigator
  Source: MSME
  Amount Claimed: 16.0 Lakhs
  Year of Application: 2022
  Status: 1st Level Scrutiny Selected

- **Title:** AI and IoT Based Preventive Screening Robotic Vehicle for Infectious Disease
  Principal or Co-Investigator: Co-Investigator
  Source: BIRAC
  Amount Claimed: 16.3 Lakhs
  Year of Application: 2023
  Status: 1st Level Scrutiny Selected

  Type: FDP (Online)

- **Title:** Next Gen AI and Cloud From Micro Services to Scalable Intelligence

  Coordinator / Co-coordinator: Coordinator
  Source: ATAL (AICTE)
  Amount Proposed: 1 Lakh
  Year of Application: 2024
  Status: Applied

PATENTS PUBLISHED/GRANTED:

- **Title :** Reinforcement Learning-Controlled Energy Optimization In Iot-Connected Smart Buildings Using Cloud Services
  Status : Published 05/09/2025

- **Title :** A System of Computer Vision and Machine Learning For Optical Character Recognition

- **Status:** Published 16/07/2021.

- **Title:** Artificial Intelligence Based Nerve Activation Device for Health Care Treatment, Design Patent,

- **Status:** Published 02/02/2024

- **Title:** Remote Patient Monitoring System Using IoT Technology for Mental Health Assessment in Biomedical App

- **Status:** Published 25 /10/2024

- **Title:** AI Powered Mental Health Assessment and Therapy Platform,

- **Status:** Published 25/10/2024

COURSES CERTIFIED:

- Completed NPTEL Online Certification "**Introduction to Machine Learning**" conducted by **IIT,Kharagpur**, (July-Sep 2022).

- "**Programming for Everybody (Getting Started with Python)**" by **University of Michigan** through CourseraCertificate earned on May 10, 2021(Credential ID : FXVG JW LM ZV5K)[Duration : 7 Weeks}

- "**What is Data Science ?**" by **IBM through Coursera**, Certificate earned on May 3, 2021(Credential ID :K4U NLRE8XE3D)[Duration : 3 Weeks}

- "**Foundations: Data, Data, Everywhere**" by **Google Career Certificates** on Coursera, Certificate earned on April 29, 2021. (Credential ID: 5M ZP3G 5S VC S J).[Duration : 5 Weeks}

- "**Introduction to Machine Learning**" by **Duke University** on Coursera. Certificate earned on April 29, 2021. (Credential ID: 52RQV6VKVG 3V).[Duration : 6 Weeks}

- "**Software Testing**" by **STC Technologies**, earned on 2006 [Duration : 12 Weeks}

ACHIEVEMENTS AND AWARDS:

- Coordinating **National Conference @ CSE-GNITC**
- Coordinating **National Level FDP @ CSE-GNITC**
- **Coordinated International Conference ICICSET**(International Conference on Innovations, Challenges , Solutions in Engineering, Science and Technology from May 30th to May 31st 2024
  - **Convened First International Conference** on Recent Advances in Technology, Engineering and Science (ICRATES'16) On 27 & 28th July 2016 @ CAHCET, Vellore.

SPECIAL SESSIONS DELIVERED:

- **Conducted A One Day FDP** on " Research Aspects : How to Read and Write a Research paper" on 14.08.2023, Organized by Sri Indu Group of Institutions
- **Conducted A One Day Workshop** on " Generative AI, 23.12.2024, Organized by Kuppam Engineering College

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Attended **Eight Days National Level FDP** on "Research Methodology and Pedagogy of Writing, Project Funding" from 29.01.2024 to 06.02.2024 organized by Mohammed Sathak A.J College of Engineering, Tamilnadu India.

- Attended **six days Faculty Development Program** on "Emerging Technologies for Next Generation Networks" from 17th July 2023 to 22nd July 2023, Organized by Kings Engineering College, Chennai, Tamilnadu, India

- Attended **online one week Faculty Development Program** on "Deep Learning and its Application" from 30.01.2023 to 03.02.2023 Organized by MMMCE, Pune, India.

- Undergone **Innovation Ambassador (IA)** training "Advanced Level (30 contact hours – 15 sessions conducted in online mode by MoE's innovation cell & AICTE September 2022.

- Undergone **Innovation Ambassador (IA) training** "Foundation Level (30 contact hours – 15 sessions conducted in online mode by MoE's innovation cell & AICTE August 2022.

- Involved in **Question paper setting** @ HITEC/AUT

- Attended **five days Faculty Development Program** on Recent Trends in Artificial Intelligence and Machine Learning, from 26/09/2022 to 30/09/2022, SIT, Puttur, and Andhra Pradesh, India.

- Attended **Faculty Development Program** " International Virtual FDP on An Insight into the Relevant Skills for Employability" on 16.09.2022

- Attended **One Week Online National Level Faculty Development Programme** on "Recent Tools & Technologies for Data Science and Artificial Intelligence" held from 19.09.2022 to 26.09.2022 Madanapalle Institute of Technology & Science, Andhra Pradesh, India.

- Completed **NPTEL-AICTE Faculty Development Program** "Introduction to Machine Learning" From July – September 2022

- Attended **four week faculty development program** on "Innovation & Entrepreneurship" from 02nd -23rd July 2022 organised by Sri Vidhya Nikethan Engineering College, Trupathi, Andhra Pradesh.

- Attended **online in the AICTE Recognized Faculty Development Programme** on Cyber Threats and Security Measures Conducted by Information Management and Emerging Engineering Department from 25/07/2022 to 29/07/2022 (One Week) at Sri Indu College of Engineering and Technology, Telangana.

- Attended **online Faculty Development Programme** on " Inculcating Universal Human Values in Technical Education" from 02nd August 2021 to 06th August 2021 organised by AICTE

- Attended **AICTE sponsored online Faculty Development Programme** on " NEP 2020:

Leadership and Excellence" from 13th July 2021 to 17th July 2021 @ NITTE Meenakshi Institute of Technology, Bengauru.

INTERNATIONAL CONFERENCES

1. **"AI and Cloud for Real-Time Evaluation of Sports Injury Severity and Recovery"** International Conference on Visual Analytics and Data Visualization (ICVAV-2025) (IEEE) 4-6 March 2025, pp. 851-856, doi: 10.1109/ICVADV63329.2025.10961478.

2. **" Early Detection of RoadTraffic Injuries with IoT Sensor Networks and K- Nearest Neighbour Algorithm"** International Conference on Visual Analytics and Data Visualization(ICVAV- 2025) (IEEE) pp. 773-778, doi: 10.1109/ICVADV63329.2025.10960893.

3. **"Learning Techniques for Personalized Oxygen Therapy in Pulmonary Rehabilitation Using Cloud Infrastructure,"** *2025 International Conference on Advanced Computing Technologies (ICoACT)*, Sivalasi, India, 2025, pp. 1-6, doi: 10.1109/ICoACT63339.2025.11005168.

4. **"Predictive and Analytics of Maintenance Solar Panels Using IoT and K-Means Clustering,"** *2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)*, Chickballapur, India, 2025, pp. 1-6, doi: 10.1109/ICKECS65700.2025.11035731.

5. **"An Innovative Regional Condition Hybrid Routing Protocol Accessing in Wireless Networks,"** *2024 9th International Conference on Communication and Electronics Systems (ICCES)*, Coimbatore, India, 2024, pp. 647-652, doi: 10.1109/ICCES63552.2024.10860076.

6. **"An Energy-Efficient Routing Protocol of Black Widow Optimization Protocol in Mobile Sensor Nodes"** Book Chapter in Algorithms for Intelligent Systems (Springer) - 02 April 2024 https://doi.org/10.1007/978-981-97-0180-3_28

7. **"Next Generation Mobility Management of Multi-Hop Mobile Access using SDD-1 and Low Latency Techniques"** First International Conference on Artificial Intelligence and Block Chain (ICAIBC-2023)-5th and 6th January 2023.

8. **"Enhancement of Health System for Emergency Care Using IoT Technique"** International Conference on Engineering and Advancement in Technology (ICEAT-2022), ISBN: 978-93-81288-22-1.

9. **"Resource Allocation and Information Exchange of Cognitive User Connectivity with Minimal Interference using Simulation Analysis (IEEE Conference)"** International Conference on IoT in Social, Mobile, Analytics and Cloud (I-SMAC-2022). https://doi.org/10.1109/I-SMAC55078.2022.9987352ISBN: 978-1-6654-6940-1

10. **"Enhanced MicroData Anonymization Framework for Missing Value Record Sets"**International Conference on Advanced Computing and Big Data Analytics, March 2018(ICACB'18)

11. **"Privacy Preserving Relational Data with minimum information loss"**International Conference on Recent Trends in Computing Technology, April 2017(ICRTCT'17)

12. **"Privacy Preserving Relational Data Streams"**International Conference on Recent Advances in Technology, Engineering and Science 'July 2016(ICRATES'16) ISBN: 978-93-5258-740-7

13. **"Privacy Preserving Time Series Data Publication withMinimal Information Loss"** International Conference on Recent Advances in Technology, Engineeringand Science 'July 2016(ICRATES'16) ISBN: 978-93-5258-740-7.

14. **"Privacy Preserving Value and Pattern Anonymizationof Time series Data"** International Conference on Recent Advances in Technology, Engineering andScience 'July 2016(ICRATES'16) ISBN: 978-93-5258-740-7

15. **"Accuracy Confined Access Control (Acac)For Privacy Preserving Data Streams"** International Conference on Data Analytics and MathematicalModel, May 2016, ISBN: 978-93-81208-72-4

16. **"Value And Pattern Anonymization ofTime Series Data For Privacy Preserving Data Mining"** International Conference on Data Analyticsand Mathematical Model, May 2016, ISBN: 978-93-81208-72-4

17. **"A Privacy Social Tagging Preservation Framework"**, International Conference on Computational Intelligence and Big Data Analytics, March 2015.

18. **"Precision-Constrained Privacy Preserving Role-Based AccessControl"** International Conference (ICRRE 2015) at S.K.R Engineering College,Chennai, India.

19. **"An Enhanced PPDM Framework for Preserving Patterns in time series data"** International Conference ICBDCC'15 at St.PetersUniversity, Chennai,India March 2015.

NATIONAL CONFERENCES

1. **"An Implementation of K-Anonymization and 1D-SAX forPreserving Patterns in Time series Data"** 2ndNational Conference on Emerging Trends in AdvancedComputing and Communication, March 2015

2. **"An Optimum Privacy Preserving Framework for Social Tagging"** 2ndNational Conference on

    Emerging Trends in Advanced Computing and Communication, March 2015

3. **"Elevating Formal Specification Extortion UsingQuality Metrics to Appraise Code**

Excellence" National Conference NCRTET'13 at Agni College ofTechnology, Chennai, India .2013

4. **"Decentralized Information in Cloud Computing usingDistributed Technique"** National Conference NCRTET'13 at Agni College of Technology, Chennai,India.2013

5. **"Realization of Phishing Websites Using FuzzyLogic Techniques"** National Conference SNCETET'09 at Raja Rajeshwari Engineering College, Chennai,India.2010

6.

   "Detection and Prevention of Phishing Websites Using-Fuzzy LogicTechniques"

   National Conference at Ganathipathi Tulsi's Engineering College, Vellore, Tamil Nadu, India.2009

7. **"Detection and Prevention of Phishing Websites Using-Fuzzy LogicTechniques"**

   National Conference at Madha Engineering College, Pudhuchery, India.2009.

OTHER DETAILS (If any):

✓ Registered for **11 months course on Artificial Intelligence Engineer**" conducted by **Simply Learn** in collaboration with **IBM**

✓ Registered for **12 weeks s course on Introduction to IoT**" conducted by NPTEL