Vandana Verma

Assistant Professor

Assistant Professor with 10+ years of experience successfully contributing to Computer Science curriculum development and delivery. Driven to contribute to program outcomes by facilitating engagement and supporting learning objectives. Enthusiastic professional with background in academic advisement.
I am seeking a competitive and challenging environment where I can serve an organization and establish a progressive career for myself.

Work History

2019-06 – Current

Assistant Professor

International School of Management (ISM), Patna affiliated to Aryabhatt Knowledge University, Patna, Bihar

2018-05 – 2019-05

Lecturer

Cimage Professional College, Aryabhatt Knowledge University , Patna, Bihar

2018-08 – 2019-05

Guest Faculty at BCA

JD Women's College, Patna, Bihar

2018-04 - 2017-08

Database Trainer

Emett. Technology Kolkata

2017-07 - 2015-08

Lecturer

BCA Course, Ideal Eyes Business College, Magadh University, Patna, Bihar

2011-11 - 2014-08

Guest Faculty at BCA

ANS College, Magadh University

2011-11 - 2014-08

Guest Faculty at BCA

Ram Lakhan Singh college, Magadh University

Contact

Address
Patna, India, 800003

E-mail:

vandana.verma@xup.ac.in

Skills

Python

●●●○○
Good

Server-Side Programming (PHP)

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Very Good

Client Based Programming (AJAX, Javascript)

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Good

Procedural Programming (C)

●●●●○
Good

Object Oriented Programming (Java, asp.net, C++, Python)

●●●●○
Very Good

Event Based Programming (VB 6.0)

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Good

Lecturing

Education

2011	**Master in Computer Applications: Computer Science**

IGNOU - Patna, Bihar

2010	**Diploma in Management**

ICFAI-Patna

2008	**Bachelor in Computer Applications**

ANS College, Magadh University - Patna, Bihar

Paper/Book Chapter Published

- "Robo-Advisory Future Prospect in the Financial Market of Wealth Management" paper published in International Journal Of Engineering Research & Technology/ ISSN-2278-0181, Vol
- "AI-Powered Fraud Detection in BI Systems Using Machine Learning" paper published in International Research Journal on Advanced Engineering Hub (IRJAEH)/ Volume: 03 Issue:03 March 2025 Page No: 579-584/ ISSN: 2584-2854
- Integrated Explainable City And Security In Federated Learning For Edge Computing: Challenges And Solutions paper published in JETIR/ Vol 12 issue 6 June 2025,2349-5162
- "Low-Code/No-Code Platforms: From Concept to Creation" paper published in International Journal Of Engineering Research & Technology/ In IJERT, Volume 14, Issue 01 , January – 2025, 2278-0181
- "Implementation of Augmented Intelligence in Digital Marketing" Paper published in International Journal of Engineering Research of engineering & Technology (IJERT).
- "Fog Computing: Reference architecture for loss and recovery of data of IoT" paper published in the UGC care Listed Journal (NIU International Journal of Human Rights) having impact factor 4.7
- "Spirituality: Patience and Perfection" Chapter Published in the e-proceeding of Transforming Through Reinvention In The Current Emerging Global Order 2020, Atharva Publications; ISBN: 978-93-90288-49-6
- "Social Media- A paradigm to track the Human Sentiments" Chapter Published in the e-proceeding of Transforming Through Reinvention In The Current Emerging Global Order 2020, Atharva Publications; ISBN: 978-93-90288-49-6

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Very Good

Academic research

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Very Good

Curriculum Development

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Excellent

Classroom presentations

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Very Good

Languages

English

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Very Good

Hindi

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Excellent

Software

C, C++,Java, File and Data Structure, Python, PhP, Web Technology, Visual Basic, VB.NET, Database Management System, Operating System, System Analysis & Design, Software Engineering, etc.

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Very Good

- "NEP 2020 and Vocational Education in India- An analysis" Chapter Published in the Book The National Education Policy 2020, Meeting Goals of 21 st Century Education, ABS Books; ISBN : 978- 93- 87229-73-0.
- "Relation of Self Concept and Academic Achievement for IT Students" Chapter Published in the Book Building Self-Concept with Learners, ABS Books; ISBN: 978-93-87229-71-6.
- "Telecommunication Sector- In Wake of Covid-19 Pandemic in India" Chapter Published in te Book - Redefining Business Strategies for the Service Industry: Embracing the New Normal Era., Bharti Publication; ISBN: 978-93-89657-74-6

Papers and Posters Presented

- On 11th April ,2025, presented paper titled "AI-Powered Fraud Detection in BI Systems Using Machine Learning" in ICASTM 2025, ST. Xavier's college of Management & Technology, Patna`:
- On 18th December, 2021, presented paper titled "Digital Transformation of Education Ecosystem in India" in 5th National Management Summit Research Conference (NMSRC 2021) organized by International School of Management, Patna.
- On 19th December, 2020, presented paper titled "Fog Computing- Reference architecture for loss and recovery of data of IoT" in 4th National Management Summit Research Conference (NMSRC) 2020 organized by International School of Management Patna.
- On 28th October 2020, presented a paper titled- Social Media- A paradigm to track Human sentiments for "International e-Conference on Transforming through Reinvention in the current Emerging Global Order (ICTRCEGO) 2020 organized by Institute of Management and Research, Jalgaon in Association with All India Council of Technical Education (AICTE) New Delhi.
- On 6th September 2019, Paper Topic: "How Artificial Intelligence is Reshaping Marketing Today" in National Seminar on Contemporary Issues in Business, Management, and Information Technology (CIBMIT 2019) which is being organized by Amity University.
- On22nd January2015,Paper Topic: "ICT and Women Empowerment" in National Seminar on ICT and Women Empowerment organized by Department of Computer Science. Patna Women's College, Patna University, Patna in a Technical

Collaboration with DIV I (Systems) & DIV III (Applications) of Computer Society

Affiliations

- Member of NSS Committee, International School of Management, Patna
- Admin of NAD, International School of Management, Patna
- Admin of AISHE, International School of Management, Patna
- LifeTime members of International Institute of Organized Research (I2OR)India. Membership Id: I2OR/2020/00158

Projects

- Hotel Management. (MCA Major Project, 6th Semester)
- Organization- MCA Course, Department of Computer Application, IGNOU
- Project Title – "Hotel Management".

Interests

- Teaching
- Web Application Development
- Making Power Point Presentation
- Paper Writing

Faculty Development Program

- 11 days Online Faculty Development Program (FDP) on "IoT Applications with Sensors, Embedded Systems, and Data Analytics" from 17th to 28th Feb 2025 organized by EICT Academy, IIT Roorkee.
- 11 Days Online Faculty Development Program (FDP) on "GenAI for Excellence in Higher Education and Research: Exploring its Socio-Economic Implications" from 10th February to 21st February 2025 , organized by St. Francis Institute of Management and Research (SFIMAR)

- 5 Days Online Faculty Development Program (FDP) on "Inculcating Universal Human Values in Technical Education" from 10th to 14th February 2025, organized by All India Council for Technical Education (AICTE)
- One-week Online Faculty Development Program (FDP) on "Mathematical Foundation of data Mining & Data Science" 21st to 26th November 2024, organized by Anant Gyan Knowledge and skills private ltd.
- One-week Faculty Development Program (FDP) on Transformative Approaches in Higher Education & Research from 19th to 2th July 2024, organized by St. Xavier's College of Management & Technology
- One-week Online Faculty Development Program (FDP) on "Future Trends in Wireless Communications and Devices (FTWCD-2022)" from Feb 10-14, 2022 organized by Electronics Engineering Department, Rajkiya Engineering College, Sonbhadra UP.
- participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Application of Robotics in enhancing learning contents" from 05/07/2021 to 09/07/2021 at National Institute of Technology Agartala.
- 5-Day-National Level Online Faculty Development Program on "Multi-Technology" from 28th june 2021 to 3rd july 2021 organised by the Department of Computer Applications in association with National Youth Council of India and Brainovision Solutions India Pvt. Ltd.
- Enhancing Programming Skill Using Advance CPP organized by Amity Institute of Information Technology, Amity University Patna in association with Indian Institute of Technology Bombay through Spoken Tutorial, Remote Training an initiative of National Mission on Education Through ICT MHRD, Govt of India. - *6th July 2020 to 12th July 2020*
- One Week Faculty Development Programme(FDP) on the topic "IoT over Edge & Cloud Computing 1.0 (IECC-1.0)" conducted by Mr. Saurabh Bhardwaj, Founder & CEO, TechieNest Pvt. Ltd. organized by the Department of Electronics & Communication Engineering, BBDNIIT in association with TechieNest Pvt. Ltd. from June 14 to June 19, 2021.
- Evolution from Offline to Online Teaching organized by Satish Pradhan Dnyanasadhana College, Thane , IQAC and FDP Committee In association with Department of IT University of

Mumbai Yashwantrao Chavan Maharashtra Open University, Mumbai Region and Microsoft - *30th May 2020 to 6th June 2020*

- Research Methodology organized by Padm. Dr. V. B. KolteCollege of Engineering, Malkapur, In Association with Indian Society for Technical Education, New Delhi, Institution of Engineers, Aurangabad L.C. , Lewa Chamber of Commerce, Industries & Agriculture, Pune, Sponsored by IQAC Sant Gadge Baba Amravati University, Amravati - *26th May 2020 to 30th May 2020*

Seminars / Workshops Attended

- Participated in Two days International Seminar ICASTM 2025 11th & 12th April 2025
- Participated in One day International Level Webinar on Network Security organized by COMPUTER SOCIETY OF INDIAKANCHEEPURAM CHAPTER. - *14th August 2020*
- Participated in WORKSHOP on 5G Technologies with Applications for IoT hosted by V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING, Gudivada - *10th August 2020-16th August 2020*
- Participated in Webinar organized by NSS-International School of Management, Patna on "Impact on Covid-19 on E-learning and Rising Entrepreneurs". - *8th August 2020*
- Participated in International Webinar on Scope of Entrepreneurship after Corona Pandemic Conducted by Department of Computer Science & Engineering and Aeronautical Engineering, Sri Satya Sai University of Technology & Medical Sciences, Sehore, Madhya Pradesh. - *17th June 2020*
- Participated in Challenges of Working from Home-2020"organized by SASC & IQAC, Rai University - *12th June 2020*
- Participated in Webinar on Machine Learning Organized by IE (I) Electronics Studnets, Chapter of Birla Vishwakarma Mahavidyalaya - *26th May 2020*
- Participated in Data Science organized by Student Organization ORATOR under the aegis of Division of Student Welfare, Lovely Professional University - *18th May 2020*
- Participated in Webinar on Mean Stack organized by CETPA Infotech Pvt Ltd. - *11th May 2020*
- Participated in Two Day Conference "GOMRECA 2019" organized by International School of Management, Patna In collaboration with Global Outreach Research & Education Association. - *9th, 10th August 2019.*

Personal Details

Mother's Name : Mrs. Vidya Verma

Father's Name : Mr. Vijay Kumar Verma

Gender : Female

Marital Status : Married

Nationality : Indian