

CURRICULUM VITAE

Er. Sandeep Vishwakarma

B.Tech., M.Tech(NITTTR Chandigarh),

PhD*(J.C. Bose University of Science and Technology, YMCA

Assistant Professor, CSE Department

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Google Scholar: <https://scholar.google.co.in/citations?hl=en&user=Suw0jBUAAAAJ>



Career Objective:

To work with a reputed institution as Assistant professor, that will provide me a good platform to utilize my teaching & administration skills and will help me to grow my career.

Professional Experiences

(Total Teaching experience 12+ Years)

Employer	Designation	Period of Service		Exp (Yrs)	Nature of Duties
		From	To		
Golgotia College of Engineering And Technology	Assistant Professor	Aug, 2019	Till Date	2.7	NBA Criteria- 4 Coordinator, NAAC Member, MOOC Coordinator, AKTU Evaluation In charge, IEEE Conference Organizing Member.
Raj Kumar Goel Institute of Technology	Assistant Professor	Aug, 2016	Aug, 2019	3.0	Project Coordinator, NBA Accreditation Member, ICT Coordinator, ISO Coordinator
Dr. K. N. Modi Inst. of Engg and Technology	Assistant Professor	Feb, 2014	Aug, 2016	2.6	HOD, Teaching, Academic, Innovation Centre In charge, Exam Cell, International Conference Seciriate Admission Cell, AKTU Counseling In charge
Aryabhata College of Engg and Tech.,	Assistant Professor	Feb, 2012	Jan, 2014	2.0	Teaching, Academic, Admission Cell
Shridhar University Pilani,	Assistant Professor	Jan, 2011	Jan, 2012	1.0	Teaching, Guiding projects, Sport Organizing Member, Hostel Warden
VBS Purvanchal University	Lecturer(on Contract)	Aug, 2008	July, 2009	1.0	Teaching, Member of Sport and Cultural Activity

Educational Qualification

Name of Course	Subjects/Dept.	College/University	Passing Year	%Marks
Ph.D	Computer Engineering	J.C. Bose University of Science and Technology, YMCA	Pursuing	-----
Master of Engineering	Computer Science and Engineering	National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh	2011	72%
B.Tech.	Computer Science and Engineering	VBS Purvanchal University Jaunpur	2008	63%
Intermediate(12 th)	Physics, Chemistry, Math	UP Board	2004	66%
High school(10 th)	Science, Math	UP Board	2001	61%

Achievements

- Qualified in GATE-2008,2018,2019
- Qualified UGC-NET December, 2018
- Winner of Reasoning and 'C' Programming competition at college level.

Patent

1. "Deep Learning Model Based Fraudulent Incoming Call Detection System", Published on 12/03/2021
2. "IoT Based Wearable Stress Level Detector", Published on 02/04/2021

Membership

- Member of Computer Science Teachers Association, CSTA Member No.: 5005056.
- Member of the International Association of Engineer, IAENG Member No: 160641

Short Term Courses/FDP Attended

1. One Week Faculty Development Program on Advanced Excel with Data Visualization from 11th May 2021 to 16th May 2021 (1 week)
2. One Week online Faculty Development Programme on "Introduction to Machine Learning" from 21-06-2021 to 25-06-2021 organized by department of Computer Science & Engineering, Indira Gandhi Delhi Technical University for Women (IGDTUW), Delhi
3. Participation in NITTTR Chandigarh and ACM@USICT Chapter, GGSIP University sponsored online Short Term Training Programme on *Cyber Security & Forensics* during March 08 - 12, 2021

4. Attended the following Learning Basics of Publishing in High Quality Journals at J.C BOSE University of Science and Technology, YMCA, Faridabad, on Tuesday 21 July, 2020
5. One Week International Faculty Development Program in online mode on “Recent Trends in Computer Science & IT” held from 13th – 17th July, 2020, conducted at Raj Kumar Goel Institute of Technology, Ghaziabad organized by the Department of Computer Science and Engineering
6. Five Days Online National Faculty Development Program on “Applications of Machine Learning and Deep Learning” held from 24th June to 28th June, 2020 at Raj Kumar Goel Institute of Technology, Ghaziabad organized by the Department of Computer Science and Engineering
7. Machine Learning Foundations: A Case Study Approach by MOOC from the University of Washington and offered through Coursera, June, 2020.
8. One Week International e-Symposium on “Online Modes of Teaching and Learning: A Global Perspective” by Guru Kashi University held on 25th to 29th May, 2020
9. Computer Intelligence in Digital Era” organized by the Department of Computer Applications, PSG College of Arts & Science, Coimbatore - 14 from 23/05/2020 to 26/05/2020.
10. FDP on “Data Analytics using R” from 11th July – 15th July. 2020 organized by Department of Computer Engineering and Department of Computer Application, J. C. Bose University of Science and Technology, YMCA, Faridabad.
11. “Recent Trends in Computer Science & IT” held from 13th – 17th July, 2020, Conducted at Raj Kumar Goel Institute of Technology, Ghaziabad organized by the Department of Computer Science and Engineering
12. Information Security and Privacy (ISP 2020)”, during May 26 - 30, 2020 organized by Department of Computer Science & Engineering, sponsored by ISEA-II, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, Uttar Pradesh
13. Python 3.4.3” From 1st June 2020-5th June 2020 in association with Spoken Tutorial, IIT Bombay organised by Department of Computer Engineering, Anantrao Pawar College of Engineering & Research,Pune.
14. Applications of Machine Learning and Deep Learning” at Raj Kumar Goel Institute of Technology, Ghaziabad organized by the Department of Computer Science and Engineering held from 24th June to 28th June, 2020
15. Research PaperWriting & Intellectual Property Rights" organized by Department of Electronics and Telecommunication Engineering RIT, Rajaramnagar from 18th - 19th May, 2020.
16. Moodle Learning Management System, Akhil Bharatiya Maratha Shikshan Parishad's Anantrao Pawar College of Engineering & Research, Parvati, Pune IIT Bombay Remote Centre., May, 2020.
17. R Programming- A Practical Approach: Course conducted by E & ICT Academy, IIT Kanpur.
18. Python Programming- A Practical Approach: Course conducted by E & ICT Academy, IIT Kanpur.
19. Oracle-Java Fundamentals and Java Programming: Attended one week course at NITTTR in association with Oracle Academy.
20. Mobile App Development: Attended one week course at DTU Delhi in association with ICTAcademy.
21. Digital Image Processing: Attended one week course at RKGIT Ghaziabad Sponsored by AKTU Lucknow.
22. Open Source Technologies: Attended one week course at NITTTR, Chandigarh
23. Web Based Content Development Using Moodle: Attended one week course at NITTTR, Chandigarh
24. Cloud Computing: Attended one week course at NITTTR, Chandigarh
25. PHP and MySql: Attended one week course at NITTTR, Chandigarh

26. ASP.Net: Attended 15 Days course at INFOZEN, Lucknow
27. SQL server 2005: Attended 15 Days course at INFOZEN, Lucknow.
28. Visual Basic: Attended 72 Hours Course at APTECH, Varanasi.
29. 'C': Attended 72 Hours Course at NIIT , Varanasi.

List of Publications

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1. "Facial Expression Recognition Using Keras in Machine Learning", 3rd International Conference on Advances in Computing, Communication Control and Networking (ICAC3N), 2021. IEEE, DOI: 10.1109/ICAC3N53548.2021.9725756.
 2. "Social Internet of Things: The collaboration of Social Network and Internet of Things and its Future", 2020 2nd International Conference on Advances in Computing, Communication Control and Networking (ICACCCN) 18-19 Dec. 2020.
 3. "Inclusive Development Using Connected Devices and Data Analysis", 2020 2nd International Conference on Advances in Computing, Communication Control and Networking (ICACCCN) 18-19 Dec. 2020.
 4. "Application of Internet of Things and Big Data towards a Smart City" , 3rd IEEE International Conference on Internet of Things: Smart Innovation and Usages, Birla Institute of Applied Sciences, Bhimtal, Nainital, Uttarakhand, India, 2018.
 5. "Collaboration of Social Platform and Its Future with Internet of Things", Sixth International Conference on System Modeling & Advancement in Research Trends (SMART), Teerthanker Mahaveer University, © 2017 IEEE Conference.
 6. "Enhancement of Spectral Efficient Modulation by Hybridization of Different Modulation Technique for Fiber Transmission" 3rd International Conference on Advances in Computing, Communication & Automation, © 2017 IEEE Conference.
 7. "Generation of Spectral Efficient Modulation Format for Fiber Transmission by Hybridization of Duo binary and Manchester", International Conference on Communication and Computing System, © 2017 Taylor & Francis Group, London, ISBN 978-1-138-02952-1
 8. "Spectral Efficient Modulation by Different Types of Modulation Technique for Fiber Transmission–A Review", International Journal of Engineering Science and Computing (IJESC), Volume 6, Issue 8, pp 2045-2048, August 2016.
 9. "Different Type Modulation Technique for Fiber Transmission", International Journal of Engineering Science and Computing(IJESC), Volume 6, Issue 8, pp 2038-2043, August 2016.
 10. "Attacks in a PKI-Based Architecture for M-Commerce", Computational Intelligence & Communication Technology (CICT), 2015 IEEE International Conference, DOI:10.1109 /CICT. 2015.41, Page(s):52 – 56, Feb 2015.
 11. "Security Loopholes and Passive Attacks for M-Commerce in PKI-based infrastructure" International Journal of Advanced Technology in Engineering and Science, Volume No 03, Special Issue No. 01, February 2015.
 12. "Mining Association Rules Based Approach to Word Sense Disambiguation for Hindi Language", International Journal of Emerging Technology and Advanced Engineering (IJETAEE), Volume 3, Issue 5, pp 470-473, May 2013.

13. "A Graph Based Approach to Word Sense Disambiguation for Hindi Language", International Journal of Scientific Research Engineering & Technology (IJSRET), Volume 1 Issue5 pp 313-318 August 2012.
14. "Image Data Compression", (ADVICE-2010) PID. 40 at NITTTR Chandigarh.
15. "Distributed Database", Advance Computing - 2010(AC-10) at Doaba Institute of Engineering & Technology, Chandigarh.

Area of interests

- Compiler Design
- Theory of Automata And Formal Language
- Design and Analysis Algorithms
- Principle of Programming Languages
- Data Structure
- Programming for Problem Solving
- Python

Technical Skill and Tools

- **Database** : Oracle 9i, SQL Server 2005, MySql.
- **Languages** : C, C++, Visual Basic, ASP.Net (VB & C#), PHP, Core Java, Android
- **Platforms** : Windows (98, XP, Vista, Window7).
- **Tools** : Fundamentals of Computer, Ms Office.

Personal Details

Father's Name : Mr. Vikrama Jeet Vishwakarma
Date Of Birth : 14-Jun-1985
Permanent Address : Village and Post-Newada, Jalalpur Distt.- jaunpur, UP, Pin- 222136

Declaration

I do hereby confirm that the information given in this curriculum is true and correct in the best of my knowledge. In case any error or omission is found later, I will be responsible for it.

Place: Greater Noida

Sandeep Vishwakarma

Date: May 08, 2022

Sample Lecture on YouTube

1. Design and Analysis of Algorithms (DAA) in Hindi: <https://bit.ly/2m8mtQk>
2. Compiler Design: <https://bit.ly/2mCPELy>
3. Principle of Programming Language: <https://bit.ly/2mDtbhz>
4. Web Technology In Hindi: <http://bit.ly/2l7li3d>
5. Data Structure: <https://qrgo.page.link/1RVYU>
6. Theory of Automata and Formal Language: <http://bit.ly/2mvtrPl>
7. Programming For Problem Solving: <https://bit.ly/2kAISFl>
8. Cyber Security Tutorial In Hindi: <http://bit.ly/2kEq743>