

CURRICULUM VITAE

(Apply for the post Professor / Dean / IQAC / Head)



DR. SANJEEV KUMAR

Professor, CSE
Tula's Institute Dehradun

Contact Me:

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Web Profile:

<https://sanjeevsolanki.com>

Awards:



Objectives:

My objective is that students will obtain the necessary skills to be successful in the physical, mental, and social aspects of their lives. Establishing an appropriate learning environment for students is essential for both student's and the teacher's success in and out of the classroom.

C.V. Highlights:

- IQAC Coordinator in Tula's Institute, Dehradun.
- NBA Nodal Team Member in Tula's Institute, Dehradun.
- NAAC Nodal Team Member in Tula's Institute (A+), Dehradun.
- NAAC Nodal Team member in Nims University (B++), Jaipur.
- Visiting Faculty in Department of Computer Science, Pen Resource University, Gombe, Nigeria.
- Teaching & Research Work Experience of 18 Years.
- Head of Department Experience more than 12 years.
- 08 Students are Awarded Ph. D. under supervision.
- 06 Research Patent & 52 - Research Papers Publications.
- Excellent Researcher Award and Best Faculty Award.
- US Journal's Editorial Member from last Two Years.

Skills:

Big Data, Cloud Computing, Data Analytics.

Work Experience (17 Years):

- **Presently working** as a Professor in CSE and also worked as Professor and Head in Computer Application Department, **Tula's Institute, Dehradun** (NAAC A+), 11th Sept. 2019 to 11th Dec. 2021.
- Worked as Professor in CSE, School of Engineering & Technology, **ITM University, Gwalior, M.P.** from 17th Sept 2022 to 15th July 2023
- Worked as Associate Dean & Professor in CSE, School of Science & Technology, **Himgiri Zee University, Dehradun** from 13th Dec. 2021 to 15th Sept. 2022.
- Worked as Associate Professor and Head, Department of Computer Science & Information Technology, **NIMS University, Jaipur** (NAAC B+), 1st June 2011 to 10th September 2019.
- Worked as Assistant Professor (CSE) in **Shri Baba Mast Nath Engineering College, Rohtak** (Haryana) from 1st February 2006 to 15th March 2011.

➤ **Awards and Appreciations:**

- **Excellent Researcher Award** by GECL in Tula's Institute, Dehradun - 2022
- **Best Faculty Award** by Divya Himgiri Organization, Dehradun, Uttarakhand - 2020
- **Best Faculty Award** by Grace India Educational Charitable Trust in Delhi - 2019.
- **Best Faculty Award** by Chairman, Nims University Jaipur - 2019.
- **Nims University Recognition Award** for Outstanding Contribution, Dedication and Service in Nims University Jaipur, December-2018.

➤ **Professional Qualification:**

- **Ph. D. Computer Science & Engineering**, Singhania University, (Raj.) Awarded in June-2015. Titled "To Investigate Impact of Mobility Models Against AODV, OLSR and GRP Routing Protocols in MANET"
- **M. Tech. Computer Science & Engineering** from **Ch. Devi Lal University (CDLU)** Sirsa, Haryana. (August, 2006).
- **M.C.A.** from **Maharshi Dayanand University (MDU) Rohtak**, Haryana. (September- 2010).
- **M. Sc. (Computer Science)** from **Kurukshetra University**, Haryana. (August-2004).

➤ **Academic Activities: -**

- **Visiting Faculty, Pen Resource University**, Gombe, **Nigeria**.
- NAAC work experience working with NAAC Core Team.
- **12 Years' Experience as Head of Department** in Computer Science / Information Tech.
- **Editorial Board Membership** in Internet of Things and Cloud Computing (IOTCC), Science Publication Group (USA).
- **Ph. D. (12) Student's thesis** supervised in Nims University Jaipur.
- **M. Tech. CSE / IT (50) Student's Dissertations** are supervised in Nims University Jaipur.
- **Deputy Superintendent** in University Exam Engineering College, NIMS University, Jaipur
- **Session Chair** invited in "2018 International Conference on Computing, Power and Communication Technology (GUCON 2018) during 28-29, 2018.
- **Session Chair** invited in "International Conference on Role of ICT in Higher Education & Research" during 05/06 October 2018 in S.S. Jain Subodh College Jaipur.
- **Deputy Superintendent** in RPS Constable Recruitment Examination in NIMS University Jaipur, September-2018.

➤ **Ph. D. Thesis Supervised (8) as a Guide**

- **Abubakar Mohammed** “Development Agenda Good Governance using MIS and E-Learning Platforms in Developing”.
- **Salim Ahmad** “Cloud Computing-A New ERA of Information Technology: Opportunities and Challenges”.
- **Sandeep Garg** “Modelling Supply Chain Management Using Multi-Agent Technology and Case Based Reasoning”.
- **Nitesh M. Sureja** “Nature Inspired Solutions for Real Time (Dynamic) Problems”.
- **Sandeep Kumar** “OLAP Performance Appraisal Using Map-reduce and Sparol Techniques in Big Data”.
- **Vikash Kumar** “A Regression Model Of Traffic Noise Intensity in Metropolitan City Using Artificial Neural Networks
- **Sonia Vatta** “A Novel Approach to Analytical Study of Computer-Aided Learning Systems.
- **Jagdambe Bihari Shrivastwa** “Article of Content-Based Image Retrieval Using Digital Image Database”.

➤ **Conferences & Workshops Attended and Organized : 05 Organized and 40 Attended:**

- Organize a International Conference in Tula’s Institute Dehradun. 2024 International Conference On Advances In Computing, Communication and Materials
- Organized a National Level Two Days Seminar on Cyber Security, 24-25th February 2023.
- Organized Faculty Development Program on “ Digital Pedagogical Tools for Academic Enrichment (DPTAE-2022) “ in Himgiri Zee University, Dehradun on February-2022.
- Organizing team member and participates in IEEE-2021 International Conference in Tula’s Institute Dehradun.
- Organizing team member and participates in IEEE-2020 International Conference in Tula’s Institute Dehradun.
- Attend a Seminar on Communication Skills and Pedagogy in Biyani Eng. College.
- Open Source Technology, Savera Group of Institutions, Guru Gram.
- Android Application, NIET, Nims University, Jaipur.
- Java Application Developer, NIET, Nims University, Jaipur.
- Automated Software Testing Tools, Seed InfoTech Pvt. Ltd.
- National Conference on Advance Computing & Communication
- Here Map Solutions, one day conference in NIET, Nims University, Jaipur.
- National Conference on High performance & Technical Computing, Nims University.

➤ **References:**

- **Dr. Parveen Kumar (Professor)**
CSE Department, NIET, NIMS University, Jaipur.
+91 7042269795, pk223475@gmail.com
- **Dr. Chanderkant Verma (Professor)**
M.C.A. Department, Kurukshetra University, Kurukshetra.
+91 9416303050, ckverma@rediffmail.com

➤ **Personal Profile:**

Name	Dr. Sanjeev Kumar
Father's Name	Sh. Raj Kumar
Gender	Male
Marital Status	Married
Permanent Address	# 309/A, Khanna Colony, Sirsa, Haryana

➤ **Undertaking:**

I do hereby confirm that the information given in this resume is true and correct to the best of my knowledge in case any discrepancy or omission is found at a later date, I shall be liable for the consequences arising from this including termination of my training.

Date...

Place...



DR. SANJEEV KUMAR

➤ Research Papers:

Sr. No.	Author Name	Journal Name	Paper Title	Date	ISSN / I.F./DOI	Web Link
1	Kailash Chnad Boori, Dr Sanjeev Kumar	2024 International Conference On Advances In Computing, Communication and Materials	Detection of cyber attack in network using hybrid decision tree technique	22-23 Nov-2024	Presented	IEEE
2	Upendra Verma Dr Sanjeev Kumar , Ajeet ASHISH GUPTA	2024 International Conference On Advances In Computing	Effects of carrier mobilities and active layer thicknesses on performance of P3HT: PCBM bi-layer heterostructure organic solar cells	22-23 Nov-2024	Presented	IEEE
3	Dr Sanjeev Kumar , Salim , Ajeet Vishwakarma, Mohit Kumar	2024 International Conference On Advances In Computing	Cyber Security: A Review on Mobile Application Vulnerabilities in Wireless Mobile Data Exchange	22-23 Nov-2024	Presented	IEEE
4	Abdul Majid Farooqi, Dr. Sanjeev Kumar , Wasim Haidar, Waseem Ahmad	International Journal of Communication Networks and Information Security	An Efficient ANN-Based Soft Computing Approach for Energy Optimization in Wireless Sensor Networks	2024, 16(3)	ISSN: 2073-607X,2076-0930	https://ijcnis.org/index.php/ijcnis/article/view/7005
5	Waseem Ahmad , Dr. Amrit Singh, Dr Sanjeev Kumar	International Journal of Communication Networks and Information Security	Optimizing Energy Efficiency in Wireless Sensor Networks using Enhanced K-Means Cluster Head Selection	2024, 16(3)	ISSN: 2073-607X,2076-0930	https://ijcnis.org/index.php/ijcnis/article/view/7006
6	Raman Batra, Sanjeev Kumar , Manju Bargavi	2023 International Conference on Advances in Computation, Communication and Information Technology (ICAICCT)	A Review of Implementing Exploring Mobile Edge Computing within the Framework of 5G and 6G Networks	2023/11/23	DOI: 10.1109/ICAICCT60255.2023.10465965	https://ieeexplore.ieee.org/abstract/document/10465965
7	Deepak Dagar, Ajay Sharma, Sanjeev Kumar , Ajeet Kumar,	Mathematical Statistician and Engineering Applications	A Coherent Minimum-Process Dependable Reclamation Line Collation Scheme for Fault-Tolerant Mobile Distributed Systems	Nov-2022	Vol. 71 No. 3	https://www.philstat.org/index.php/MSEA/article/view/1653
8	Ashok Kumar, Dr. Sanjeev Kumar	2022 International Conference on Advances in Computing, Communication and Materials, ICACCM 2022, 2022	A Novel Approach of Using IoT Methodology for Smart Waste Management System-SIM900	10-11 th November 2022	DOI: 10.1109/ICACCM56405.2022.10009245	https://ieeexplore.ieee.org/document/10009245
9	Munish Kumar, Keerti Shrivastva, Sanjeev Kumar	Mathematical Statistician and Engineering Applications	Accomplished Minimum-process Synchronized Consistent Recovery Line Aggregation Algorithm for Fault-Tolerant Mobile Computing Environments	September - 2022	Issue Vol. 71 No. 4 (2022)	https://www.philstat.org/index.php/MSEA/article/view/1721
10	AbubakarMohammed; Sanjeev Kumar ; Hammandikko Gaya Mu'Azuz; Rajiv Kumar; Praveen Shaha	2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COM-IT-CON)	Data Security And Protection: A Mechanism For Managing Data Theft and Cybercrime in Online Platforms Of Educational Institutions	26-27 May 2022	DOI: 10.1109/COM-IT-CON54601.2022.9850702	https://ieeexplore.ieee.org/document/9850702
11	Salim Ahmad; Sanjeev Kumar ; MunishKumar; RajivKumar; Vyes hikha; Minakshi Memoria	2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COM-IT-CON)	The Importance Of Quantifying Financial Returns On Information System (IS) Investment For Organizations: An Analysis	26-27 May 2022	DOI: 10.1109/COM-IT-CON54601.2022.9850666	https://ieeexplore.ieee.org/document/9850666
12	Anil KumarDixit; MinakshiMemoria; Rajiv Kumar; Sanjeev Kumar	2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COM-IT-CON)	Approaches Towards AI-Based Recommender System	26-27 May 2022	DOI: 10.1109/COM-IT-CON54601.2022.9850864	https://ieeexplore.ieee.org/document/9850864
13	Manisha Khanduja; Rajiv Kumar, Sanjeev Kumar	2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COM-IT-CON)	Sentiment Analysis of Covid19 Vaccines Tweets Using NLP and Machine Learning Classifiers	26-27 May 2022	DOI: 10.1109/COM-IT-CON54601.2022.9850629	https://ieeexplore.ieee.org/document/9850629
14	Ashulekha Gupta; Sanjay Gupta; Rajiv Kumar; Sanjeev Kumar	2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COM-IT-CON)	Artificial Intelligence And Smart Cities: A Bibliometric Analysis	26-27 May 2022	DOI: 10.1109/COM-IT-CON54601.2022.9850656	https://ieeexplore.ieee.org/document/9850656

15	Prachi Dhankhar, Surendra Pal Singh, Sanjeev Kumar	2021 IEEE 8th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON)	Analysis of the Encryption and Compression Coding Performance in Contemporary Wavelet Methodologies on Medical Images	11-13 Nov.2021	DOI: 10.1109/UPCON52273.2021.9667564	https://ieeexplore.ieee.org/document/9667564
16	Kiran Lata, Salim Ahmad, Sanjeev Kumar, Deepali Sing	2020 International Conference on Advances in Computing, Communication & Materials (ICACCM)	Cloud Agent-Based Encryption Mechanism (CAEM): A Security Framework Model for Improving Adoption, Implementation and Usage of Cloud Computing Technology	21-22 Aug.2020	DOI: 10.1109/ICACCM50413.2020.9212893	https://ieeexplore.ieee.org/document/9212893
17	Yunusa Hassan, Abubakar Mohammed, Sanjeev Kumar	2020 International Conference on Advances in Computing, Communication & Materials (ICACCM)	Domination of Technological Tools in Cartographic Advancement: Perspective of Spatial Analysis	21-22 Aug.2020	DOI: 10.1109/ICACCM50413.2020.9212915	https://ieeexplore.ieee.org/document/9212915
18	Mr. Abubakar Mohammed Dr. Sanjeev Kumar, Dr. S. P. Singh	International Journal of Scientific Research and Review	Software Development Methodology: A Determining Factor for Implementing MIS and E-Learning in Educational Institutes	05-May - 2019	ISSN No. – 2279-543X UGC Journal No.:64650	http://proceeding.world.in/ICMR-2019_OUCIP/57OYDIcAZTTPYO777.pdf
19	Md. Salim Ahmad Dr. Sanjeev Kumar Mr. Kailash Chand Boori	Conference on Quality Assurance in Higher Education: Practices and Issues	Cloud Computing Adoption & Implementation: Challenges and Possibilities in Developing Countries.	14-15- May-2019	ISBN 978-93-86238-72-6	https://msi-ggsip.org/wp-content/uploads/2016/06/MSI-conference-2019-proceeding.pdf Page No. 103-106
20	Md. Salim Ahmad Dr. Sanjeev Kumar Dr. S. P. Singh	International Journal of Scientific Research and Review	Effectiveness of Cloud Computing in the Context of Data Storage and Management in Organization and SMEs	03-March- 2019	Volume 07, ISSN No. 2279-543X UGC Journal No. 64650	http://proceeding.world.in/BIT_30_Mar_2019/156BQ9E1qd7B361.pdf
21	Mr. Abubakar Mohammed Dr. Sanjeev Kumar, Dr. S. P. Singh	The 13 th Anniversary India-Japan International Conference on Sustainable Development BICON- 2018	Electronic Commerce: A Means for Business Sustainability	26-Nov-2018	10.1109/GUCON.2018.8674982	http://biyaniconference.com/proceedings-2018/Commerce-IT.pdf Page No. 162-163
22	Mr. Abubakar Mohammed Dr. Sanjeev Kumar, Dr. S. P. Singh, Ms. Kiran Lata	International Conference on Role of ICT in Higher Education & Research	Adoption of IOT for Enhancing Teaching and Learning in Higher Educational Institutes (HEIs)	05-06 Oct. 2018	ISBN- 978-93-5321-408-1	
23	Ms. Kiran Lata, Ms. Nishi Fatma, Mr. Abubakar Mohammed, Dr. Sanjeev Kumar	International Conference on Role of ICT in Higher Education & Research	Use of ICT for Enhancing Students' Experience and Engagement in Educational Institutes	05-06 Oct. 2018	ISBN- 978-93-5321-408-1	
24	Mr. Abubakar Mohammed Dr. Sanjeev Kumar	2018International Conference on Computing, Power and Communication Technologies (GUCON) Galgotias University Noida, UP	Enhancing Teaching and Learning in Educational Institutes Using the Concept of Big Data	Sep 28- 29, 2018	978-5386-4491-1/18\$31.00 ©2018 IEEE	
25	Md. Salim Ahmad Dr. Sanjeev Kumar	International Journal of Advance Research in Science and Engineering	Cloud Computing and the Internet Usage, Its Effect on Learning Among Students: A Case of Federal University	April2018	ISSN (O): 2319-8354 ISSN (P): 2319-8346	http://www.ijarse.com/image/fullpdf/1523548340_290IJ_ARSE.pdf
26	Mr. Sandeep Garg Dr. Sanjeev Kumar	International Peer Reviewed Open Access Journal	Modeling of Supply Chain Management using Multi Agent Collaboration Engine and Reduction in Bullwhip Effects.	Vol. 3Dec. 2017	IF 4.284	
27	Mr. Abubakar Mohammed Dr. Sanjeev Kumar	International Journal of Advance Research in Science and Engineering	Building a Framework for Developing MIS and E-Learning Integration in Education System	Vol. No.6 Nov-2017	2319-8354	
28	Mr. Abubakar Mohammed Dr. Sanjeev Kumar	International Multidisciplinary Journal	Development Agenda Good Governance using MIS and E-Learning Platforms in Developing	Vol. No. 5 Nov-2017	2286-4822 IF - 3.4546 DRJI Value 5.9(B+)	
29	Mr. Jagdamb Behari Srivastava Dr. Sanjeev Kumar	International Journal of Innovative Research in Science, Engineering and Technology	Article of Content-Based Image Retrieval Using Digital Image Database	June-2017	ISSN (Online): 2319-8753 ISSN (Print): 2347-6710	http://www.ijirset.com/upload/2017/june/266_paper1_JJ_N.pdf

30	Abubakar Mohammed, Sanjeev Kumar, Bashir Maina Saleh	International Journal of Computer Science and Information Technologies	E-learning: A tool for enhancing teaching and learning in educational institutes	Nov-2017	ISSN:0975-9646	
31	Md. Salim Ahmad Dr. Sanjeev Kumar	International Journal of Science Technology and Management	Cloud Computing-A New ERA of Information Technology: Opportunities and Challenges	April2017	2394-1537 2394-1529	
32	Mr. Sandeep Kumar Dr. Sanjeev Kumar	International Journal of Research and Engineering	Online analytical processing (OLAP) Performance appraisal using Map-Reduce and APARQL techniques in big data	Volume 4Jan-2017	2348-7860	
33	Ms. Sonia Vatta Dr. Sanjeev Kumar	Journal of Technology Advances and Science Research	Review of Computer-Aided Learning System (Research Article)	Volume-3March- 2017	2395-5600	
34	Ms. Sonia Vatta Dr. Sanjeev Kumar	VSRD International Journal of Computer Science & Information Technology	Analytical Study of Computer- Aided Learning Systems	Volume 7 Feb 2017	2319-2224	
35	Mr. Vikash Kumar Dr. Sanjeev Kumar	International Journal of Research and Engineering	A regression model of traffic noise intensity in metropolitan city using artificial neural networks	Volume 3Dec-2016	2348-7860	
36	Ms. Sonia Vatta Dr. Sanjeev Kumar	World Journal of Engineering Research and Technology	Support of Computer-Aided Learning System in Distance Learning	Volume 2 June-2016	SJIF IF 4.326454-695X	
37	Mr. Nitesh M. Sureja Dr. Ved Vyas Dwivedi Dr. Sanjeev Kumar	CIIT, International Journal of Artificial Intelligent Systems and Machine Learning.	CS-DTSP: A Model for Dynamic Travelling Salesman (DTSP) Problem	Volume 8Feb-2016	0974-9667	
38	Ms. Harshita Rai, Mr. Pradheep M.,	International Journal of Research and Engineering	A Novel Approach to balance the load between nodes of distributed computing	Volume 3	2348-7860	
39	Mr. Nitesh M. Sureja Dr. Ved Vyas Dwivedi Dr. Sanjeev Kumar	Ciit International Journal of Artificial Intelligent Systems and Machine Learning.	MASA-DTSP: An Improved Model For Dynamic Traveling Salesman (DTSP) Problem	Volume 7Sep-2015	0974-9667	
40	Mr. Nitesh M. Sureja Dr. Ved Vyas Dwivedi Dr. Sanjeev Kumar	Ciit International Journal of Artificial Intelligent Systems and Machine Learning.	EAS-DTSP: An Improved ANT System Model for Dynamic Traveling Salesman (DTSP) Problem	Volume 7Nov-2015	0974-9667	
41	Dr. Sanjeev Kumar Dr. Rajesh Verma	National Conference on Advance Computing & Communication for Technology	A Simulation Based Analysis of Reactive and Proactive Routing Protocols in MANET: Effects of Mobility Model Using OPNET	April -2014	978-16-31024-51-1	
42	Mr. Arun Bharti Md. Israr Alam Mr. Sanjeev Kumar	International Journal Publication In Academic Education And Research	Hop Count And Load Analysis In MANET Using Simulations in MDPF	Volume 1 April- 2014	2349-4999	
43	Mohd. Safeer Mr. Gaurav Pathak Mr. Sanjeev Kumar	International Journal Publication In Academic Education And Research – Computer Science and Engineering	A Comparison Review Among GPRS, ALARM And ALERT Security Protocols in Mobile Ad Hoc Networks	Volume 1 April-2014	2349-4999	
44	Mr. Sanjeev Kumar Dr. Jagbir Ahlawat	International Journal of Advanced Research in Computer Science and Software Engineering	Improving Routing Mobility Based On Random Way Point Mobility Model Using FTP Traffic in MANET	Volume 3 April- 2013	2277-128X	