

# Dr. RAJEEV KUMAR

MCA, M.Tech. (CSE), MBA (Marketing), Ph.D. (Computer Science), D.Sc. (Computer Science)

## Curriculum Vitae



### Overview

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## ***Dr. Rajeev Kumar***

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### **CAREER OBJECTIVE:**

To be associated with an organization where the services of PhD in Computer Science (e-Governance & ICT) & Post Graduate in Computer Science with experience in Administration & Teaching and a bent of mind towards Academic, Research & Administration is required and will be lead to a responsible position.

### **COUNTRY VISITED (PROFESSIONAL):**

1. LONDON, UNITED KINGDOM
2. MAURITIUS
3. DUBAI

### **WORK EXPERIENCE: TOTAL 11 YEARS**

- ✓ Working as Associate Professor in College of Computing Sciences & Information Technology (CCSIT), Teerthanker Mahaveer University Moradabad from May, 2017 to Present.
- ✓ Worked as Assistant Professor in College of Computing Sciences & Information Technology (CCSIT), Teerthanker Mahaveer University Moradabad from August, 2009 to May 2017.

### **INDUSTRY EXPERIENCE:**

- Worked as a Project Trainee (Software Developer) in HCL Info system Pvt. Ltd. Noida.
- Worked as software Developer in BSNL Moradabad.

### **ROLES AND RESPONSIBILITIES(ACADEMIC LEVEL):**

- Program Coordinator (B.Tech.- CSE- IBM)
- Coordinating the Assessment and Development of Academic Programs within the College
- Promoting and serving as a model for teaching professional achievement and service
- Actively associated with all extracurricular activities and project guidance
- Worked as In charge – VAPs (Value Added Programs)
- Organized Two International Conferences Every Year (IEEE- SMART and ICAC)
- Organized Technical Event (FDP and Workshop) with Association of IIT, MHRD and others
- NAAC- Criteria Coordinator

- NBA Team Member at College Level
- Professional Image Building Bodies Member (NIRF, India Ranking, Consultancy, Research)
- Member of Board of Studies (BOS)
- Member of College Research Committee (CRC)
- Member of Academic Research Committee (ARC)
- Member of Admission Core Team
- Member of Funded Research Projects
- Coordinator of Workshop/FDP Committee
- Editor of Institutional Journal named as International Journal of Research Trends in Computing Sciences and Information Technology (IJRTCSIT)

### **ACADEMIC QUALIFICATION:**

Education	Name of Institution/University	Year of Completion	Division/Percentage
D.Sc. (Computer Science) Post Doctoral Fellow	Srinivas University, Mangaluru, Karnataka [2019 -2021]	2021	20 <sup>th</sup> July 2020 Thesis Submitted
<b><i>Details of D.Sc. Research</i></b> <b>Title – Issues &amp; Challenges Breakthrough of Hidden Pattern of Indian E-Governance Application Data using Web Mining Algorithm</b>		<b><i>Details of Research</i></b> <b>Registration Number: 19SUDSCS03</b> <b>Registration Year: 2019</b> <b>Post Doctoral Fellow at Srinivas University</b>	
Ph.D. (Computer Science)	Bhagwant University, Ajmer Rajasthan [2009 -2013]	2013	Highly Commended (Abstract of Thesis is available on demand)- Thesis is available on UGC-Shodhganga
<b><i>Details of Ph.D. Research</i></b> <b>Title – Towards Studying e-Governance Strategies in Uttarakhand</b>		<b><i>Details of Research Supervisor</i></b> Dr M.K. SHARMA, Associate Professor and Head Department of Computer Science, Amrapali Institute of Technology, Haldwani, Uttarakhand (India)	
MBA (Marketing)	Sam Higginbottom University of Agriculture, Technology and Sciences	2018	1 <sup>st</sup> Division (72%)
M.Tech. (CSE)	GRD, Institute and Management and Technology (Uttarakhand Technical University), Dehradun	2015	1 <sup>st</sup> Division (70%)
MCA	Inderprastha Engineering College, Ghaziabad, (U.P. Technical University Lucknow)	2009	1 <sup>st</sup> Division (60.08%)
B.Sc.	Hindu College, (M.J.P. Rohilkhand University, Bareilly)	2006	2nd Division
Sr. Secondary	R.N. Inter College, Moradabad.	2003	2nd Division
Secondary	R.N. Inter College, Moradabad.	2001	2nd Division

## **CERTIFICATIONS:**

<b>S. No.</b>	<b>Course/ Certificate Name</b>	<b>Name of Institution/University</b>	<b>Year of Completion</b>
1	Data Science and Machine Learning in R and Python	<b>IIM Raipur</b>	July, 2020
2.	The Fundamental of Digital Marketing	Google Digital Unlocked	April, 2020
3.	Google Analytics for Beginners	Google Analytics Academy	April, 2020
4.	Advanced Google Analytics	Google Analytics Academy	April, 2020
5.	Google Analytics for Power Users	Google Analytics Academy	April, 2020
6.	Fundamentals of Python	Amity Future Academy	April, 2020
7.	Basics of Java	Amity Future Academy	April, 2020
8.	Data Science Professional Certificate	IBM	June, 2019
9.	Databases and SQL for Data Science	IBM	June, 2019
10.	Data Visualization with Python	IBM	July, 2019

## **AWARDS RECEIVED:**

- Best Project Supervisor Award– College of Computing Sciences and Information Technology, Teerthanker Mahaveer University, Moradabad, 18th December 2018.
- Best Project Supervisor Award– College of Computing Sciences and Information Technology, Teerthanker Mahaveer University, Moradabad, 18th June 2017.
- Best Project Supervisor Award– College of Computing Sciences and Information Technology, Teerthanker Mahaveer University, Moradabad, 30th May 2016.

## **DISTINCTIONS:**

- Editorial Member of more than 10 Journals of Computer Science Engineering & Technology.
- Reviewer of more than 10 Journals of Computer Science Engineering & Technology (SCI, Scopus)
- Approved Supervisor and Co-Supervisor at 05 Universities for PhD and M.Tech.
- Panel Member for RDC/DRC Committee(s) for more than 05 times at various Universities.
- Member of Board of Studies (BOS) at other Universities.
- Invited Speaker/Key Note Speaker at various places.
- Approved External Expert for Paper Setting/External Viva Voce at more than 05 Universities.
- Received appreciation letter from Director Research, Bhagwant University for excellent research work in PhD.
- Appreciation Letter from Principal, CCSIT, Teerthanker Mahaveer University, Moradabad for Best Faculty Guide (3 Times)

### **Funded Projects Applied (Research Grants):**

- Project entitled “**Automated IoT Based Smart Water Quality Assessment System**” has been completed for the duration of one year under the Scheme of **Uttarakhand science Education & Research Centre (USERC), Govt. of India, Department of Science and Technology (DST), Dehradun**. From 11<sup>th</sup> January, 2018 to 28<sup>th</sup> December, 2018. Amount- 11 Lakh.

### **Patent Publication/Grant Details:**

1. System and Method for Predicting an Infectious Disease Transmitted By a Virulent Respiratory Virus. (Application No.: 202011021969 Date of Published: 26/6/2020).
2. A Process to Analyze Defects in Software (Indian patent No. 201911020778 (2019), jointly with Dr. Ashutosh Kumar Bhatt, Birla Institute of Applied Sciences, Bhimtal, Uttarakhand
3. Process for Formation of Capacitor Structure for Non-Volatile Memory on Germanium Nanocrystals (Application No.: 201941033347 A, Date of Published: 20/9/2019).

### **Consultancy Projects (Amounts in Lacks):**

- **Consultancy Projects:** Total Grants Received for the sponsored Projects: 1.2 Lacks.  
**Project #1 – Client: MYR Software Pvt. Ltd, Patparganj Delhi, India.**  
**Project Title: Inspect supervision in supervisory Security Information System**  
Duration: 12 Months (2017-2018)  
Team Size: 2  
Software and Hardware Environment: Java, My SQL 6.0, XML, PC with network card and a hub  
Technologies Used: Information Technology.  
Role: Module Leader and Development of Modules  
Project Description: The Aim of this project is to provide the security of Governance policies, Risk, and Compliance (GRC) management process is a necessity for any software systems where important information is collected, processed and used.
- **Consultancy Projects:** Total Grants Received for the sponsored Projects: 1.0 Lacks.  
**Project #2 – Client: MYR Software Pvt. Ltd, Patparganj Delhi, India.**  
**Project Title: Civil Project Planning and Monitoring System**  
Duration: 08 Months (2016-2017)  
Team Size: 2  
Software and Hardware Environment: Java, PC with network card and a hub.  
Technologies Used: Information Technology  
Role: Module Leader and Development of Modules  
Project Description: Preparing BOQ (Below of Quantity), Calculating Factor of Actual working day, preparing work estimation, calculating, calculating actual cost of project, planning of work yearly, monthly, weekly and daily basis, maintain daily work load, preparing progress report, preparing flow chart of financial report etc.

### **Ph.D. Students Supervising(Co-Supervisor)**

S. No	Scholar Name	Research Topic	University	Year	Status
1.	Namit Gupta	Design and Development of Energy Efficient Protocol for WSN to Reduce Latency and Increase Scalability	Uttarakhand Technical University, Dehradun	November 2015 - Present	Ongoing
2.	Amit Kumar	Region Based Analysis Approaches For Human Computer Interface Using Machine Learning	Uttarakhand Technical University, Dehradun	September 2016 - Present	Ongoing
3.	Chandra Bhan Singh	End-To-End Reliability in Wireless Sensor Network	Uttarakhand Technical University, Dehradun	September 2017 - Present	Ongoing
4.	Sandeep Kumar	Computational Intelligence Based Transformation Technique for Image enhancement in e-Governance	Bhagwant University, Ajmer	2019	Awarded
5.	Dhyan Chandra Yadav	A Data Mining Techniques Analysis of Problems Occurring A Software Project Development Process	Shri Venkateshwara University	2016	Awarded

### **PROFESSIONAL MEMBERSHIP (Governing Body Member):**

- ❖ Senior Member of IEEE Society (Professional)
- ❖ The Institute of Research Engineers and Doctors (IRED's)
- ❖ Membership of SEEK Digital Library USA (UACEE)
- ❖ The Society of Digital Information and Wireless Communications (SDIWC).
- ❖ American Society of Research (ASR) Senior Member
- ❖ Computer Society of India (CSI)
- ❖ Science and Engineering Institute (SCIEI)
- ❖ Computer Science Teacher Association (CSTA)
- ❖ Association for Computer Machinery (ACM)
- ❖ International Association of Computer Science and Information Technology (IACSIT)
- ❖ Indiana Society of Professional Engineers (ISPE)
- ❖ International Association of Engineers (IAENG)
- ❖ Science and Information Organization (SAI)

## **ASSOCIATION WITH COMMITTEES AND JOURNAL ORGANIZATIONS:**

- ❖ Associated as Govt. / Academia Outreach Committee Member with **IEEE Computer Society Chapter of India Council 2015**.
- ❖ Associated with **ACM Professional Uttarakhand Chapter** as a Webmaster.
- ❖ Editorial Board Member of Institute of Research Engineers and Doctors (IRED)
- ❖ Advisory Board Member of International Journal of Bioinformatics.
- ❖ Reviewer of SCI and Scopus Indexed Journal
- ❖ Expert Panel Member of PhD Viva at Various Universities
- ❖ Editorial Advisory Board Member of International Journal of Research and Innovation (IJARI)
- ❖ Editor of IJRTCSIT (International Journal of Research Trends in Computer Science & Information Technology).
- ❖ Editor of We'Ken International Journal of Basic and Applied Sciences.

## **RESEARCH BODIES ACCOUNT DETAILS:**

- **Researcher ID (THOMSON REUTERS)**  
ResearcherID: N-8237-2016  
WebLink: <http://www.researcherid.com/rid/N-8237-2016>
- **ORCID ID**  
ID: 0000-0002-4141-1282  
WebLink: <http://orcid.org/0000-0002-4141-1282>



[orcid.org/0000-0002-4141-1282](http://orcid.org/0000-0002-4141-1282)

## **BOOKS (INTERNATIONAL / NATIONAL):**

- ✓ **International Book** on Introduction to Computers with Basics of Programming with **LAMBERT Academic Publishing**. (ISBN No.: 978-620-2-51992-2)
- ✓ **International Book** on Internet & Started with Java Programming with **LAMBERT Academic Publishing, Germany (USA)**. (ISBN No.: 978-3-8443-9430-6)
- ✓ **International Book** on Vector Analysis with **LAMBERT Academic Publishing, Germany (USA)**. (ISBN No.: 978-3-8454-1256-6).

## **BOOK CHAPTER:**

- ✓ **Kumar Rajeev, Sharma Mahesh**, on Book “**Cyber-Physical Systems: A Computational Perspective**” and chapter entitled “Advanced Architecture Algorithm of Sensor Based Robotics Security System Framework for e-Governance Technology” in **CRC Press, Taylor & Francis Publication, New York (USA)**, PP 305-312, November 2015. (Print ISBN: 978-1-4822-5975-9, eBook ISBN: 978-1-4822-5977-3, Website: [www.taylorandfrancis.com](http://www.taylorandfrancis.com), [www.crcpress.com](http://www.crcpress.com) )

## **CONFERENCE CHAIR (RESOURCE PERSON):**

- ❖ Invited Talk in IEEE International Conference on Automation, Computational and Technology Management (ICACTM 2019) organized by Amity University, London, United Kingdom in Association with IEEE United Kingdom and Ireland Section, 16-19, June, 2020.
- ❖ Invited Talk in IEEE International Conference on Computation, Automation and Knowledge Management (ICCAKM) organized by Amity University, Dubai, in Association with IEEE Dubai Section, 09-11, January, 2020.
- ❖ Chair Person in IEEE International Conference on Automation, Computational and Technology Management (ICACTM 2019) organized by Amity University, London, United Kingdom in Association with IEEE United Kingdom and Ireland Section, 23-26, April, 2019.
- ❖ Invited Talk in the symposium on “Digital Engagement at Community Level” organized by Birla Institute of Applied Sciences(BIAS) Bhimtal in Association with Uttarakhand Science Education & Research Centre(USERC), Dehradun 16<sup>th</sup> February, 2019
- ❖ Chair Person in 2<sup>nd</sup> IEEE International Conference on Big Data and Computational Intelligence (ICBDIC 2019) organized by Mauritius in Association with IEEE Mauritius Section and India Research Group 08-09 February, 2019.
- ❖ Keynote Speaker in for National Seminar on New NAAC Accreditation Process and Benefits organized by The Institute of Business Management and Rural Development (IBMRD) Ahmednagar- Pune in Association with Savtribai Phule University 06 March, 2018.
- ❖ Chair Person in 3<sup>rd</sup> IEEE International Conference on Internet of Things: Smart Innovation and Usages (IoT-SIU 2018) organized by Birla Institute of Applied Sciences, Bhimtal in Association with IEEE U.P. Section and Uttarakhand Science Education & research Centre (USERC) Bhimtal 23-24 February, 2018.
- ❖ Chair Person in National Conference on NCETST-2017 organised by Amrapali Institute of Technology and Science in Association with Uttarakhand Science Education & research Centre (USERC) Haldwani 29th April 2017.
- ❖ Invited Talk (Resource Person) in 7 days National Workshop on DEVELOPING SYNERGY BETWEEN INFORMATION COMMUNICATION TECHNOLOGY & ACADEMICS (DSBICTA) held at M.B. Govt. P.G. College, Haldwani, Nainital, Uttarakhand from 25<sup>th</sup> to 31 March 2017.
- ❖ Chair Person in National Conference on Emerging Trends in Computational Research & Development held at **Dev Sanskriti Viswavidyalaya, Gayatrikunj, Shantikunj, and Haridwar 7<sup>th</sup> September 2013.**

## **ORGANIZING CONFERENCES:**

- ❖ Technical Program Chair in 4<sup>th</sup> IEEE International Conference on SMART-2019 in College of Computing Sciences & IT, Teerthanker Mahaveer University, 23 – 24 November 2019.
- ❖ Co-Convener in International Conference on “ICAC-2019” in College of Computing Sciences & Information Technology, Teerthanker Mahaveer University, 26<sup>th</sup> April 2019.
- ❖ Technical Program Chair in 3<sup>rd</sup> IEEE International Conference on SMART-2018 in College of Computing Sciences & IT, Teerthanker Mahaveer University, 23 – 24 November 2018.
- ❖ Convener in International Conference on “ICAC-2018” in College of Computing Sciences & Information Technology, Teerthanker Mahaveer University, 05 May 2018.
- ❖ Technical Program Chair in 2<sup>nd</sup> IEEE International Conference on SMART-2017 in College of Computing Sciences & IT, Teerthanker Mahaveer University, 29 – 30 December 2017.
- ❖ Convener in International Conference on “ICAC-2017” in College of Computing Sciences & Information Technology, Teerthanker Mahaveer University, 06 May 2017.
- ❖ Technical Program Chair in 1<sup>st</sup> IEEE International Conference on SMART-2016 in College of Computing Sciences & IT, Teerthanker Mahaveer University, 25 – 27 November 2016.
- ❖ Convener in International Conference on “*SMART -4*” in College of Computing Sciences & Information Technology, Teerthanker Mahaveer University, 20- 21 November 2015.
- ❖ Team Member in 2<sup>nd</sup> IEEE International Conference on Advances in Computing & Communication Engineering (ICACCE- 2015) on 1-2 May, 2015
- ❖ Coordinator in International Conference on “*SMART -3*” in College of Computing Sciences & Information Technology, Teerthanker Mahaveer University, 15- 16 November 2014.
- ❖ International Conference of Advance Research and Innovation (ICARI-2014) at Institute of Engineers, Delhi, on February 1, 2014.
- ❖ Deputy Coordinator in International Conference on “*SMART -2*” in Computer Application Department Teerthanker Mahaveer University, 15- 16 November 2013.
- ❖ Committee Head an International Conference on “Resurging India – Myths and Realities” in CMCA Department, TMU on March 2012.
- ❖ Worked as a Team Member an International Conference on “*SMART-1*” in Computer Application Department Teerthanker Mahaveer University, October 2012.

## **ORGANIZING WORKSHOP/SEMINARS/FDP:**

- ❖ Organized One Day online Live Webinar on “Build an Artificial Intelligence based chatbot using IBM Watson without any code” via online mode at Host College of Computing Sciences and Information Technology, Teerthanker Mahaveer University with Association IBM, 5<sup>th</sup> July 2020.
- ❖ Organized One Day online International Webinar on “WRITING A RESEARCH GRANT PROPOSAL” via online mode at Host College of Computing Sciences and Information Technology, Teerthanker Mahaveer University, 15<sup>th</sup> June, 2020.

- ❖ Organized One Week online International Faculty Development Programmed on “Novel Approaches on Blockchain Technology & Its Application” via online mode at Host College of Computing Sciences and Information Technology, Teerthanker Mahaveer University, 22nd – 28th May, 2020.
- ❖ Organized One Week online Faculty Development Programmed on “Machine Learning using Python” via online mode at Host College of Computing Sciences and Information Technology, Teerthanker Mahaveer University in Association with Electronics and ICT Academy, IIT Roorkee, Under the banner of MHRD Government of India, 22<sup>th</sup> – 29<sup>th</sup> April, 2020.
- ❖ Organized One Week Online Faculty Development Programmed on “Machine Learning Using Python” at College of Computing Sciences and Information Technology, Teerthanker Mahaveer University in Association with Electronics and ICT Academy, IIT Roorkee, Under the banner of MHRD Government of India, 22<sup>nd</sup> – 29<sup>th</sup> April, 2020.
- ❖ Organized Two days Workshop on “Internet of Things” at College of Computing Sciences and Information Technology, Teerthanker Mahaveer University in Association with NEX-G EXUBERANT SOLUTIONS PVT. LTD. on 14-15 February, 2019.
- ❖ Organized One Week Faculty Development Programmed on “Pattern Recognition and Image Analysis” at College of Computing Sciences and Information Technology, Teerthanker Mahaveer University in Association with Electronics and ICT Academy, IIT Roorkee, Under the banner of MHRD Government of India, 16<sup>th</sup> – 20<sup>th</sup> March, 2018.
- ❖ Organized Two days Workshop on “Ethical Hacking” at College of Computing Sciences and Information Technology, Teerthanker Mahaveer University in Association with E-Cell, IIT Kharagpur on 30 Nov- 1December, 2017.
- ❖ Organized Three days Workshop on “IoT(Internet of Things)” at College of Computing Sciences and Information Technology, Teerthanker Mahaveer University in Association with E-Cell, IIT Kharagpur on October 12-14, 2017.
- ❖ Organized One day Workshop on “Android Apps Development” at College of Computing Sciences and Information Technology, Teerthanker Mahaveer University on September 07, 2017.
- ❖ Organized 45 days Summer Training Program on “Java Essentials- A Professional Module” at College of Computing Sciences and Information Technology, Teerthanker Mahaveer University on 1 July 2017 to 16 Aug, 2017.
- ❖ Organized Three days Workshop on “Android Apps Development” at College of Computing Sciences and Information Technology, Teerthanker Mahaveer University on April 06-08, 2017.
- ❖ Organized Two days Workshop on “How to Kick your Career with Open Source” at College of Computing Sciences and Information Technology, Teerthanker Mahaveer University on December 09-10, 2016
- ❖ Organized Two days Workshop on “PHP Programming Language” at College of Computing Sciences and Information Technology, Teerthanker Mahaveer University on April 12-13, 2016

- ❖ Organized Two days Workshop on “Ethical Hacking” at College of Computing Sciences and Information Technology, Teerthanker Mahaveer University on October 9-10, 2015.

### **SEMINAR/WORKSHOP/FDP:**

1. Participated in One week Faculty Development Program on "**Machine Learning Using Python**", organized by Electronics & ICT Academy, IIT Roorkee from 22<sup>nd</sup> – 29<sup>th</sup> April, 2020.
2. Participated in two weeks Faculty Development Program on "**Signal & Image Processing: Issues, Challenges & Techniques**", organized by Department of Electronics & Communication Engineering, Deenbandhu Chhotu Ram University of Science & Technology, Murthal (Sonapat) from January 1<sup>st</sup> – 12<sup>th</sup>, 2018.
3. Participated in One week Faculty Development Program on "**Pattern Recognition And Image Analysis**", organized by Electronics & ICT Academy, IIT Roorkee from DEC 15- 19, 2017.
4. Participated in two days Faculty Development Program on "**Smart Cities Enabling Technologies**", organized by College of Engineering Roorkee (COER) from July 28-29, 2017.
5. Participated in two days IEEE International Symposium on "**Internet Of Things: Smart Innovation & Usages (IOT- SIU 2016)**", organized by Faculty of Engineering and Technology, Sponsored by **IEEE & TEQIP-II at MJP Rohilkhand University Bareilly** from April 22-23, 2016.
6. Participated in the two week Short Term Course on "**Recent Trends and Technology in Information Communication & Computing**", organized by the Department of computer Engineering & Information Technology **TEQIP-II at Government Engineering College, Ajmer** from February 23 to March 3, 2016.
7. Participated in National Workshop on “**Technology Enabled Science Education**” at Vivekanand Institute of Technology Haldwani, Organized by Uttarakhand Science Education and Research Centre (USERC), Dehradun, (**Uttarakhand Science Education & Research Centre, Department of Science & Technology, Govt. Of India**) on January 09, 2016.
8. Participated in National Workshop on “**Technology Enabled Science Education**” jointly Organized by Uttarakhand Science Education and Research Centre (USERC), Dehradun & Dev Sanskriti University Haridwar, on December 25, 2015.
9. Participated in National Workshop on “**Patent and Intellectual Property Rights**” Organized by School of Computer Science and Engineering, Lingaya’s University, Faridabad, in Association with Department of Electronics and Information Technology, **Ministry of Communication and Information Technology, Govt. of India**, on March 27-28, 2015.
10. Participated in National workshop on “**Advances in Wireless and Optical Networks (AWON-2014)**” organized by Department of Electronics and Communication Engineering, **Motilal Nehru National Institute of Technology Allahabad, held during June 02-07, 2014.**

11. Participated in workshop on “**Data Mining- Research Issues, Recent Trends & PASW Modeler 12.0® based Implementation- 2011**” organized by Indira Gandhi Institute of Technology, GGS Indraprastha University, Delhi in Collaboration with SPSS® , on 4<sup>th</sup> -5<sup>th</sup> **March-2011**.
12. Participated in workshop on “**Wiki educator -2010**” at college of Engineering Teerthanker University Moradabad.

### **INTERNATIONAL CONFERENCE RESEARCH PAPER:**

- 1) *Presented a Paper on entitle* “**Taxonomy Of Link Based Spammers Using Mining Optimized Page Rank Algorithm For E-Governance**” in IEEE International Conference On Intelligent Engineering And Management (ICIEM 2020) organized by Amity University, London, United Kingdom in Association with IEEE United Kingdom and Ireland Section, during 17-19, June, 2020
- 2) *Presented a Paper on entitle* “**Interpreting The Nature Of Rainfall With AI And Big Data Models**” in IEEE International Conference On Intelligent Engineering And Management (ICIEM 2020) organized by Amity University, London, United Kingdom in Association with IEEE United Kingdom and Ireland Section, during 17-19, June, 2020
- 3) *Presented a Paper on entitle* “**Addressing Challenges and Demands of Intelligent Seasonal Rainfall Forecasting Using Artificial Intelligence Approach**” in IEEE International Conference on Computation, Automation and Knowledge Management (ICCAKM) organized by Amity University, Dubai, in Association with IEEE Dubai Section, 09-11, January, 2020.
- 4) *Presented a Paper on entitle* “**Data Science is all Set to Revolutionize The Ultrasound Diagnosis in Medical Health Care**” in IEEE International Conference on Computation, Automation and Knowledge Management (ICCAKM) organized by Amity University, Dubai, in Association with IEEE Dubai Section, 09-11, January, 2020.
- 5) *Presented a Paper on entitle* “**Reduced Time Application (RTA) in Distributed Underwater Wireless Sensor in Multipath Routing Network**” in IEEE International Conference on Computation, Automation and Knowledge Management (ICCAKM) organized by Amity University, Dubai, in Association with IEEE Dubai Section, 09-11, January, 2020.
- 6) *Presented a Paper on entitle* “**Review on Intend Adaptive Algorithm for Time Critical Applications in Underwater Sensor Auditory & Multipath Network**” in IEEE International Conference on Automation, Computational and Technology Management (ICACTM 2019) organized by Amity University, London, United Kingdom in Association with IEEE United Kingdom and Ireland Section, during 23-26, April, 2019.
- 7) *Presented a Paper on entitle* “**Blind Movement Tracking Technique for Automation in e-Governance using Artificial Intelligence**” in 2<sup>nd</sup> IEEE International Conference on Big Data & Computational Intelligence (ICBDCI-2019) held at Le Meridien, Mauritius during 8-9 Feb 2019.

- 8) *Presented a Paper on entitle “**Bug Classification of web Content in e-Governance Application using ICT**”, 2<sup>nd</sup> IEEE International Symposium on "INTERNET OF THINGS: SMART INNOVATION & USAGES (IOT- SIU 2017)", organized by Faculty of Engineering and Technology, Sponsored by IEEE, ACM & TEQIP-II at MJP Rohilkhand University Bareilly from Feb 28 -01 March, 2017.*
- 9) *Presented a Paper on entitle “**On-Cloud Deep Learning Based Approach for Performance Enhancement in Underwater Acoustic Communications**”, in International conference on “Signal Processing, Communication, Power and Embedded System (SCOPE5)-2016” Organized by the **Centurion University of Technology and Management (CUTM), Paralakhemundi, Odisha held on October 03-05, 2016.***
- 10) *Presented a Paper on entitle “**iCloud for e-Governance**”, in International conference on “Advances in Computing & Communication Engineering (ICACCE-2014)” Organized by the **Department of CSE, ECE and EE Bipin Tripathi Kumaon Institute of Technology Dwarahat, Uttarakhand, held on February 22-23, 2014.(IEEE Sponsored & ACM Student Chapter)***
- 11) *Presented a Paper on entitle “**Ontology Based Information Networks for Process Integration with Semantic Web**”, in International conference on “SMART-2 International Conference” Organized by the **Department of Computer Application, Teerthanker Mahaveer University Moradabad, held on November 15-16, 2013.***
- 12) *Presented a Paper on entitle “**Dynamic Clustering in Web Caching Architecture for web services**”, in International conference on “Emerging Trends in Engineering and Technology” Organized by the **College of Engineering Teerthanker Mahaveer University Moradabad on April-12-13, 2013.***
- 13) *Presented a Paper on entitle “**New Challenges of Energy aware routing protocols in Mobile Ad hoc network**”, in International Conference on “SMART International Conference” Organized by the **Department of Computer Application, Teerthanker Mahaveer University Moradabad, held on October 20-21, 2012.***
- 14) *Presented a Paper on entitle “**Architecture of Cloud Computing framework for e-Governance technology**” in the International Conference on “ Resurging India-Myths and Realities” organized by the **College of Management & Computer Application, Teerthanker Mahaveer University, Moradabad, held on March 17- 18, 2012.***
- 15) *Presented a Paper on entitle “**Impact of ICT for women Literacy in Indian rural areas of e-Governance**” in the International Conference on “ Recent Advances in IT & IT Management (RAITM’12)” organized by the **Department of Computer Application Shri Guru Ram Rai Institute of Technology & Science Dehradun, Uttarakhand, India, held on February 28- 29, 2012.***
- 16) *Presented a Paper on entitle “**Role of Wireless Communication Technology in Rural System of e-Governance**” in the International Conference on “Advances in Modelling, Optimization and*

Computing (AMOC 2011)” organized by the **Department of Mathematics, IIT Roorkee, held on December 5-7, 2011.**

- 17) *Presented a Paper on entitle “Mobile and Wireless Communications Technology Improve the e-Governance Work Process”* in the International Conference on “Advances in Modelling, Optimization and Computing (AMOC 2011)” organized by the **Department of Mathematics, IIT Roorkee, held on December 5-7, 2011.**
- 18) *Presented a Paper on entitle “WebTop (Operating System on Web)”* 2<sup>nd</sup> International Conference (ICM2ST-11) organized by **Institution of Engineers, Technocrats and Academicians Network, held on November 19-20, 2011.**

### **NATIONAL CONFERENCE RESEARCH PAPER:**

- 1) *Presented a Paper on entitle “Advanced Adaptive iCloud Framework for e-Governance”* in the 2<sup>nd</sup> **National Conference on “Contemporary Computing”** organized by the College of Engineering Teerthanker Mahaveer University, Moradabad **held on May 20, 2014.**
- 2) *Presented a Paper on entitle “Impact of Distributed Application in Mobile Ad Hoc Network using Different Applications”,* in **National Conference on “Contemporary & Futuristic IT-Initiatives & Interventions”,** Jointly Organized by school of Computer Science & IT, Uttarakhand Open University, Haldwani and Doon University Held at Doon University , Dehradun at 30-31 March 2013.
- 3) *Presented a Paper on entitle “Design a Cloud Computing Framework for Advanced Database Security System of e-Governance”* in the 7<sup>th</sup> **National Conference on “ Computing for Nation Development (INDIACom-2013)”** organized by the Bharati Vidyapeeth’s Institute of Computer Application and Management (BVICAM), New Delhi, held on March 07 – 08, 2013.
- 4) *Presented a Paper on entitle “Hybrid Cloud Computing Enabled Security System Framework for e-Governance Technology”* in the 6<sup>th</sup> **National Conference on “ Computing for Nation Development (INDIACom-2012)”** organized by the Bharati Vidyapeeth’s Institute of Computer Application and Management (BVICAM), New Delhi, held on February 23 – 24, 2012.
- 5) *Presented a Paper on entitle “A New Approach (ICT) for e- Learning System in Rural Areas of e-Governance as Programmable audio Books”* in the **National Conference on “Vedic Studies & Information Technology- 2011”** organized by the Dev Sanskriti Vishwavidyalaya, Gayatrikunj, Shantikunj, Haridwar (Uttarakhand) **held on August 23 - 24, 2011.**
- 6) *Presented a Paper on entitle “Study to analyze the need, requirements and issues for e-Governance model for rural areas”* in the **National Conference on “Rural Development & Management through IT (RDMIT-2011)”** organized by the JP Institute of Technology Meerut, (U.P.)- India, **held on March 27-28, 2011.**

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- 2) A. Gupta, R. Kumar and M. K. Tiwari, "Taxonomy of Link Based web Spammers using Mining Optimized PageRank Algorithm for e-Governance," *2020 International Conference on Intelligent Engineering and Management (ICIEM)*, London, United Kingdom, 2020, pp. 155-159, doi: 10.1109/ICIEM48762.2020.9160317.
- 3) M. J. A. Junaid and R. Kumar, "Data Science And Its Application In Heart Disease Prediction," *2020 International Conference on Intelligent Engineering and Management (ICIEM)*, London, United Kingdom, 2020, pp. 396-400, doi: 10.1109/ICIEM48762.2020.9160056.
- 4) Arvind Jaiswal, Rajeev Kumar, "Review on Machine Learning algorithm in Cancer prognosis and prediction" – *International Journal of All research Education & Scientific Methods*, Vol. 8, No. 06, 2020.(Impact Factor: 4.597 ISSN (online):2455-6211)
- 5) Syed Mohtashim Mian and Rajeev Kumar, "Time Critical Applications Protocols and Design Issues in Underwater Wireless Sensor Networks" – *Journal of Xidian University*, Vol. 14, No. 04, 2020, pp. 414-416.(Impact Factor: 5.4 ISSN (online):1001-2400)
- 6) Arvind Jaiswal and Dr. Rajeev Kumar, "Review of Machine Learning Algorithm on Cancer Classification for Cancer Prediction and Detection" – *The International journal of analytical and experimental modal analysis (IJAEMA)*, Vol. 11, No. 12, 2019, pp. 1456-1466.(Impact Factor: 6.3 ISSN (online): 0886-9367)
- 7) Ashutosh Dixit , Dr. Rajeev Kumar, Dr. Nidhi Tyagi, "Big Data in Computer Cyber Security as an Emergent Infrastructure" – *The International journal of analytical and experimental modal analysis (IJAEMA)*, Vol. 11, No. 12, 2019, pp. 1456-1466.(Impact Factor: 6.3 ISSN (online): 0886-9367)
- 8) Amit Kumar, Naveen Tewaari and Rajeev Kumar, "Study towards the Analytic Approach for Human Computer Interaction using Machine Learning" – *The International journal of analytical and experimental modal analysis (IJAEMA)*, Vol. 11, No. 12, 2019, pp. 1456-1466.(Impact Factor: 6.3 ISSN (online): 0886-9367)
- 9) Ashutosh Dixit and Rajeev Kumar, "Enhancement of Big Data Privacy Preserved of Map Reduce by Using Data Anonymization Technique" – *The International journal of analytical and experimental modal analysis (IJAEMA)*, Vol. 11, No. 11, 2019, pp. 2407-2411.(Impact Factor: 6.3 ISSN (online): 0886-9367)

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- 11) Meenu, S andeep Kumar, V.K.Panchal and Rajeev Kumar, "Evolution of New Integrated Haze Removal Algorithm Based On Haze Line" *International Journal of Engineering and Advanced Technology (IJEAT)*, Vol. 08, Issue 06, August 2019, pp. 184-189.(Scopus) Impact Factor: 5.97 DOI: 10.35940/ijeat.E7084.088619 ISSN (online): 2249 – 8958)
- 12) Syed Mohtashim Mian and Rajeev Kumar, "Intend Adaptive Algorithms for Time Critical Applications in Underwater Wireless Sensor Auditory and Multipath Network" *IJSRD - International Journal for Scientific Research & Development (IJSRD)*, Vol. 07, No. 03, 2019, pp. 1307-1310.(Impact Factor: 4.396 ISSN (online): 2321-0613)
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- 14) Amit Kumar, Naveen Kumar Tiwari, Rajeev Kumar "A Comprehensive Study of Lip Controlled Human Computer Interface using Machine Learning." *International Journal of Engineering Research and Applications (IJERA)*, Vol. 08, No. 01, 2018, pp. 69–72. DOI: 10.9790/9622-0801036972.
- 15) D. Pavan Kumar, Rajeev Kumar, "A New Hybrid Encryption Algorithm with Diffie-Hellman Assumption in Cloud Computing", *IJATIR: International Journal of Advanced Technology and Innovative Research*, Volume 09 Issue 04, March 2017: 0554-0557. ( ISSN : 2348–2370)
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- 34) Rajeev Kumar, Dr. M.K. Sharma, "Collision of ICT for Cloud Computing in e- Governance". *New York Science Journal* 2013; 6(5):78-80. (ISSN: 1554-0200).
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- 54) Hari Om Sharan, Rajeev Kumar, Garima Singh, Mohammad Haroon, "Approaches To Summarize Multi Documents Using Information Extraction." *Journal of Academia Arena*. 2011; 3(7):62-67. (ISSN 1553-992X).
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- 58) Hari Om Sharan, Rajeev Kumar and Vikas Solanki, "An approach towards the solution of NP-Complete Problem" *International Journal of Researcher* 2011; 3(6):49-52. (ISSN: 1553-9865).
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### **Guest Lectures/ Expert/Delivered Talk**

- Guest Lecture on "Data Management & Visualization" at Dev Sanskriti Vishwavidyalaya Haridwar, Uttarakhand February 28, 2019.
- Guest Lecture on "Benefits of Health care Automation" at Rama University Kanpur, January 05, 2019.
- Guest Lecture on "Block Chain Technology" at Rama University Kanpur, September 10, 2018.
- Guest Lecture on "Human Computer Interaction & Accessible Technology" at Dev Sanskriti Vishwavidyalaya Haridwar, Uttarakhand, October 5, 2017.
- Guest Lecture on "Cloud Computing" at Amrapali Institute of Management and Technology Haldwani, Uttarakhand, October 22, 2016.
- Guest Lecture on "Research Opportunities in Big Data" at Amrapali Institute of Management and Technology Haldwani, Uttarakhand, April 2, 2016.
- Guest Lecture on "Emerging Application in Cloud Computing" at Birla Institute of Applied Sciences Bhimtal, Uttarakhand, March 26, 2016.

- Guest Lecture on “Importance of IT in e-Governance” at Birla Institute of Applied Sciences Bhimtal, Uttarakhand, March 2, 2016.
- Guest Lecture on “Application in Core Java” at Birla Institute of Applied Sciences Bhimtal, Uttarakhand, January 12, 2016.
- Guest Lecture on “Structured Programming Language” at Amrapali Institute of Management and Technology Haldwani, , Uttarakhand, December 21-22, 2015.

### **Conference/Workshop Technical Committee Activities (Member/Reviewer)**

- 2020 Technical Program Committee, IEEE- International Conference on Automation, Computational and Technology Management (ICACTM - 2020), Amity University 24 Bedford Square Fitzrovia, London WC 1B 3HN, UK.
- 2020 Technical Program Committee, IEEE- International Conference on Research, Innovation Knowledge Management and technology Application in Business Sustainability (INBUSH-2020), Amity University Knowledge park-III, Greater Noida.
- 2020 Technical Program Committee, IEEE- International Conference on Computation, Automation, Knowledge Management (ICCAKM - 2020), Amity University Dubai.
- 2019 Program Committee, International Conference on the Network and Cryptology (NetCrypt-2019), Jawaharlal Nehru University, New Delhi.
- 2019 Technical Program Committee, IEEE- International Conference on Automation, Computational and Technology Management (ICACTM - 2019), Amity University 24 Bedford Square Fitzrovia, London WC 1B 3HN, UK.
- 2019 Technical Program Committee, 13th INDIACom; 2019 6<sup>th</sup> IEEE International Conference On Computing For Sustainable Global Development (INDIACom 2019), Bharati Vidyapeeth, New Delhi – India
- 2018 Technical Program Committee, 4<sup>th</sup> International Conference on *Next Generation Computing Technologies* (NGCT-2018), School of Computer Science & Engineering University of Petroleum & Energy Studies Bidholi Campus, Via- Prem Nagar, Dehradun Uttarakhand (INDIA), **Springer**
- 2018 Technical Program Committee, 12th INDIACom; 2018 5<sup>th</sup> IEEE International Conference On Computing For Sustainable Global Development (INDIACom 2018), Bharati Vidyapeeth, New Delhi – India
- 2018 Technical Program Committee, 3rd IEEE International Conference on Internet of Things: Smart Innovation and Usages (IoT-SIU 2018), Birla Institute of Applied Sciences, Bhimtal, Nainital, Uttarakhand, India.
- 2017 Technical Program Committee, 3<sup>rd</sup> International Conference on *Next Generation Computing Technologies* (NGCT-2017), School of Computer Science & Engineering

University of Petroleum & Energy Studies Bidholi Campus, Via- Prem Nagar, Dehradun Uttarakhand (INDIA), **Springer**

- 2017 Technical Program Committee, 4<sup>th</sup> International Conference on Image Information Processing (ICIIP -2017), Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh- India
- 2017 Technical Program Committee, International Conference On Intelligent Communication And Computational Techniques (ICCT 17), Manipal University Jaipur, (Rajasthan)- India.
- 2017 Technical Program Committee, 3rd IEEE International Conference on Advances in Computing, Communication & Automation (ICACCA 2017), Tula's Institute, The Engineering & Management College, Dehradun (Uttarakhand)- India.
- 2017 National Advisory Committee, National Conference on Emerging Trends in Science and Technology, Amrapali Institute of Technology, Haldwani, Uttarakhand- India
- 2017 Technical Program Committee, 11th INDIACom; 2017 04<sup>th</sup> IEEE International Conference On Computing For Sustainable Global Development (INDIACom 2017), Bharati Vidyapeeth, New Delhi – India
- 2016 Technical Program Committee, 2<sup>nd</sup> IEEE International Conference On Recent Advances and Innovations in Engineering (ICRAIE-2016), Poornima University, Jaipur – India
- 2016 Program Committee, International Conference on Advances in computing and Data Sciences (ICACDS-2016), Springer Series, KEC, Ghaziabad (U.P.) - India.
- 2016 Program Committee, 2<sup>nd</sup> IEEE International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT - 2016), SJB Institute of Technology, Bengaluru, Karnataka 560060, India
- 2016 Program Committee, Third International Conference on Information System Design and Intelligent Application (INDIA 2016), **Springer** Series, ANITS, Visakhapatnam.
- 2016 Program Committee, The 3<sup>rd</sup> IEEE International Conference on Computing for Sustainable Global development (INDIACom- 2016), Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi, - India
- 2015 Program Committee, **Computer Society of India**, 50<sup>th</sup> Golden Jubilee Annual Convention (CSI-2015) on Digital India on Cloud Platform, IIC, New Delhi - India.
- 2015 Program Committee, Third International Conference on Image Information Processing (ICIIP-2015), **IEEE Sponsored by Delhi Section**, Jaypee University of Information Technology, Wagnaghat, Shimla, Himanchal Pradesh- India.
- 2015 Program Committee, The International Conference on Signal, Image Processing and Embedded Systems (SIGEM 2015), Vel Tech University, Chennai- India.
- 2015 Program Committee, The 2<sup>nd</sup> IEEE International Conference on Advances in Computing &

Communication Engineering (ICACCE-2015), Tula Institute Engineering and Technology, Dehradun, Uttarakhand - India.

2015 Program Committee, The 2<sup>nd</sup> IEEE International Conference on Computing for Sustainable Global development (INDIACom- 2015), Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi, - India.

2015 Program Committee, The 2<sup>nd</sup> IEEE International Conference on Advances in Computing & Communication Engineering (ICACCE-2015), Tula Institute Engineering and Technology, Dehradun, Uttarakhand - India.

### **Citation Indices**

<b>Citation indices</b>	All	Since 2015
Citations	117	85
h-index	4	4
i10-index	2	2

### **SUBJECT PREFERENCES:**

- ❖ Java Programming
- ❖ Cloud Computing

### **RESEARCH INTEREST**

E-Governance; Cloud Computing, Data science

Data Mining; Wireless Sensor Networks in e-Governance

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**Father's Name** : Mr. Amrit Pal Singh  
**Date of Birth** : 12 JAN 1985  
**Gender** : Male  
**Marital Status** : Married  
**PAN No.** : **ARAPK1985D**  
**Strength** : Time Management, Patience, Hardworking, Self Confidence  
**Weakness** : Perfectionist.  
**Reason for change** : For better career exposure as related to senior profile with decent Working environment.

**Expected Salary packages** : **As per Best of University standard / Pay Scale by Norms**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date :

Place: Moradabad



**(Dr. RAJEEV KUMAR)**