**RESUME**



**Dr. RITESH RASTOGI**

**Contact Address**:

C-1 / 67 SECTOR 55

Noida

**EMail\_Id**: [riteshrastoginiet@gmail.com](mailto:riteshrastoginiet@gmail.com)

**Mobile No**: 8750063055

**CAREER OBJECTIVES**

To achieve excellence in profession through competence, hard work and dedication and to acquire leading and significant position in an organization

**EDUCATIONAL QUALIFICATION**

* Ph.D. in Computer Science and Engineering from Shri Venkateshwara University, Gajraula in August 2021
* Masters of Science in Computers from Rohtak University in 2003 with Ist Div.
* Bachelor of Science(PCM) from Garhwal University in 1995 with IInd Div.
* Inter from U.P. Board in 1991 with Ist Div.
* High School from I.C.S.E Board in 1989 with Ist Div.

**PROFESSIONAL QUALIFICATION**

* M.Tech(CS) sequential from GBTU in 2011
* MCA from Rohtak University with First Division, Haryana
* PGDM (Information System) from AIMA-CME, New Delhi in year 2000 with First Division
* Advanced Post Graduate Diploma in Computer Applications from Rohtak University, Haryana in year 2002, with First Division.
* Advanced Diploma in Software Technology and System Management from NIIT Dehradun in 1997.

**WORK EXPERIENCE**

* Currently employed as an Associate Professor and Head of Department (MCA) in MCA Department of NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY (An Autonomous Institute), affiliated to AKTU University Lucknow and recognized by AICTE.
* Worked as a System Programmer and Lecturer at Noida Institute of Engineering and Technology from April 2002 to August 2006.
* Provided services to IDEAL INSTITUTE OF TECHNOLOGY, Ghaziabad (affiliated to U.P. Tech University and recognized by AICTE), as lecturer in Computer Science Department for One and Half Years.
* Worked as a lecturer in Sri Aurobindo Centre affiliated to IGNOU University, for One and Half Years.

**COMPUTER SKILLS**

Operating System : Dos, Win 9X, Unix, Win NT 4.0, Win 2000

Languages : C, C++, VB, Sql, Java

DBMS : Dbase III+, FoxBASE, FoxPro 2.6

RDBMS : Oracle with D2K, MS-Access

Application : MS-Office, Open Office

**SUBJECT TAUGHT**

* DBMS, Structured System Analysis and Design, Software Engineering, Management Information System, Information Technology, Software Testing, Cyber Security, Data Structure, Foundation of Information Technology, Software Project Management OOPS/C++, Computer Programming in C, Visual Basic, UNIX, Personnel Management, Client Server, Industrial Economics and Principle of Management, Innovation and Entrepreneurship

**PATENTS**

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| **Patent Number** | **Patent Title** | **Publish/Grant** |
| 202111025113A | A system and method for secure connection with newly connected device in cloud network | Published |
| 2021101570 | An artificial intelligence based heart disease monitoring system | Published and Granted |
| 2021106330 | A System for requesting and on-demand data session using ML and Deep Learning Analysis | Published |

**INTERNATIONAL JOURNAL**

1. **Ritesh Rastogi, et. al.,”** Review the Various Threats specific in Application Layer for speedup to Web Security Evaluation” [Turkish Journal of Computer and Mathematics Education (TURCOMAT)](https://www.turcomat.org/index.php/index),  [Vol. 12 No. 11 (2021)](https://www.turcomat.org/index.php/turkbilmat/issue/view/45) (Scopus)
2. [**Ritesh Rastogi**,](https://www.sciencedirect.com/science/article/pii/S2214785321009718?via%3Dihub#!) [Sandeep Srivastava](https://www.sciencedirect.com/science/article/pii/S2214785321009718?via%3Dihub" \l "!) , [Tarun](https://www.sciencedirect.com/science/article/pii/S2214785321009718?via%3Dihub#!) [Mukhdeep Singh, Manshahia](https://www.sciencedirect.com/science/article/pii/S2214785321009718?via%3Dihub#!) [Varsha,](https://www.sciencedirect.com/science/article/pii/S2214785321009718?via%3Dihub#!) [Neeraj Kumar](https://www.sciencedirect.com/science/article/pii/S2214785321009718?via%3Dihub" \l "!),” A hybrid optimization approach using PSO and ant colony in wireless sensor network” Materials Today Proceedings , 2020, <https://doi.org/10.1016/j.matpr.2021.01.874> (Scopus)
3. Sandeep Srivastava, Shubham Joshi, **Ritesh Rastogi**, Sayamuddin Ahmed Jilani, Neeraj Kumar, “Improvement of Network Lifetime Performance Using Load Balancing Clustering and Super Clustering Approach”, Materials Today Proceedings, 2020 (Scopus)
4. Raj Kumar Goel, Chandra Shekhar Yadav, Shweta Vishnoi, **Ritesh Rastogi**, “[Smart agriculture–Urgent need of the day in developing countries](https://www.sciencedirect.com/science/article/pii/S2210537921000056)”, Sustainable Computing: Informatics and Systems, Vol 30,Page 100512 (SCI Indexed)
5. **Ritesh Rastogi**, Prof.(Dr.) P.K. Bharti,” Understanding the concept of cloud computing as a virtual server framework”, International Journal of Natural and Applied Sciences Vol.5 Issue 7, July 2018, Pg 66-69 (UGC)
6. **Ritesh Rastogi**, Prof.(Dr.) P.K. Bharti,” Analytical Study on QoE Provisioning Cloud Computing” The International journal of analytical and experimental modal analysis, vol. XII, Issue 1, Jan 2020 Pg No. 3227-3234, ISSN No 0886-9637 (UGC Care II)
7. Deepak Kumar Tyagi, Dr. Anurag Awasthi, **Ritesh Rastogi** “Autonomic Software quality model (ASQUAMO) for maintainability” International Journal of Information Technology and Systems vol 1. Number 2 pg. 166-170,2012
8. Sudarshan Singh and **Mr. Ritesh Rastogi** “Investigation and Implementation of an SMS

Service using IMS web environment” International journal of research fellow volume

1, Issue 7 Sept 2013

1. Himali Chopra, **Ritesh Rastogi**,” A brief study on WSANs”, IJEECSE, vol 1, issue 4 Aug 2-014
2. Himali Chopra, **Ritesh Rastogi**,” Performance of QoS Aware Routing protocol in WSAN”,” MAIOJET”, oct,2014
3. Mohit Choudhary, Himali Chopra, **Ritesh Rastogi**,” Evaluating Testability of Object Oriented System”, IJSWS
4. Mehtab Alam, Prashant Johri**, Ritesh Rastogi**, Buffer overrun: Techniques of Its attacks and prevention. International Journal of Computer Science and Emerging Technologies, ISSN 2044-6004(Online) Vol 1 Issue 3 Oct 2010
5. Praveen Gupta, Rajendra Singh, Rohit Katiyar, Member, IACSIT and **Ritesh Rastogi** “Biometrics System based on Human Gait Pattern”, International Journal of Machine Learning and Computing, Vol. 1, No. 4, October 2011
6. Nikita Rastogi, **Ritesh Rastogi**, Sachin Agarwal,” Theoretical validation of Class Cohesion Matrices”, ZENITH International Journal of Multidisciplinary Research Year: 2013, Vol: 3, Issue: 10 Pg. (164- 172)
7. Mohit Kumar, **Ritesh Rastogi**,” Developing a multidimensional algorithm for encryption and decryption “ZENITH International Journal of Multidisciplinary Research: 2013, Vol: 3, Issue 5 Pg.: (68- 75)
8. Santosh Kumar Gupta, Dr. Abhay Bansal, , **Ritesh Rastogi** ”Learning Behavior analysis of Higher studies using data mining” IJARCET Vol.1 Issue 4 June 2012, ISSN 2278 – 1323
9. Shivnath, Dr. Anuraag Awasthi, **Prof. Ritesh Rastogi** 2013 “Multi Release Software Reliability Growth Model with fault severity” International Journal of Research Fellow for Engineering Volume 1, Issue 2 pages 5-12.
10. Sudarshan Singh, **Mr. Ritesh Rastogi** and Raj Kumar Goel “Analysis and performance prediction on IP multimedia subsystem” International Journal of Scientific & Technologies volume Issue 1 2013
11. Subhi Singh, **Ritesh Rastogi**, Prem Sagar Sharma,” Mobile Device Management to enhance higher Education System,” International Journal of Information Technology and Management”, Vol.8, Issue 11, Feb 2015,
12. Ms. Shaila Choudhary, **Mr. Ritesh Rastogi**, Mr. Prakash Kumar,” Emotion Recognition System on Analyzing the facial expression using combination of effective algorithm”, International Journal of Research Fellow for Engineering, Vol.1 issue 8, Nov,2013, pg. 7-17
13. Ms. Shaila Choudhary, **Mr. Ritesh Rastogi**,” Performance Comparison based on Facial Expression Recognition using ADA BOOST, PCA, LDA and SVM, International Journal of Research Fellow for Engineering, Vol.1 issue 8, Nov,2013, pg. 95-102
14. Ms. Shaila Choudhary, **Mr. Ritesh Rastogi**, Mr. Prakash Kumar,” Analyzing the facial expression in emotion recognition system”, International Journal of Research Fellow for Engineering, Vol.1 issue 7, Sep,2013, pg. 59-69
15. Subhi Singh, **Ritesh Rastogi**, Prem Sagar Sharma, “Automatic lecture attendance system using face reorganization” in MATRIX Academic International Online Journal of Engineering and Technology, ISSN: 2348–3326 © MAIOJET, Volume III Issue I, April 2015 (<http://maioj.org/data/documents/april2015/041509.pdf>)
16. Alka Singh Bhagel and **Ritesh Rastogi**, “Effective Approaches for Solving Large Travelling Salesman Problems with Small Populations”, International Journal of Advances in Engineering Research (IJAER), 2011
17. Parul Aggarwal, Chitvan Gupta, **Ritesh Rastogi**, “FABTC technique for color features extraction”, IJRFE vol1, issue 4 June 2013, pg. 41-47
18. Prachi Gupta, Anurag Awasthi, **Ritesh Rastogi**,” Impact of Word Sense Ambiguity for English Language in Web IR”, IJERT, vol2, issue 1, Jan 2013

**INTERNATIONAL CONFERENCE**

1. Mr. Rajendra Singh, Mr. Praveen Gupta, **Mr. Ritesh Rastogi**, and Mr. Rohit Katiyar,” A Survey on Gait Analysis & Recognition Approaches” ICMLC 2011 2011 3rd International Conference on Machine Learning and Computing 26-28, February，2011 Singapore V4-142
2. Mr. Praveen Gupta, Mr. Rajendra Singh, **Mr. Ritesh Rastogi** and Mr. Rohit Katiyar” Multiple View REI Based Gait Recognition System”, ICMLC 2011 2011 3rd International Conference on Machine Learning and Computing 26-28, February，2011 Singapore V4-148
3. Ashok Kumar Singh, Vineet Kumar Verma, **Ritesh Rastogi**,” Proposed complexity Metrics of a Software Code”, International Conference on Control Computing Communication and Materials-2013
4. Vijay Kumar Tiwari, **Ritesh Rastogi**, Dr. Anurag Awasthi,” Implementation of Digital Signature Algorithm for Improved Performance for small Data Sets”, International Conference on Telecommunication and Network, pg 281-286, Feb 2013
5. Mahtab Alam, Prashant Johri, **Ritesh Rastogi**, Sunil K Khatri, Raj Kumar Goel “Requirements tools for Secure Software –A Comparative Study” In: Proceedings of International Conference on Reliability, Infocom Technology and Optimization), Nov 1-3 2010, pg. 231-246, Lingaya’s University, Faridabad.

**NATIONAL CONFERENCE/SEMINAR**

1. Vijay Kumar Tiwari, **Ritesh Rastogi**,” Survey of various digital signature algorithm and its limitation”, National conference on Emerging technology in Computer Science(ETCS\_2012), pg-42-48, oct 2012
2. Himali Chopra, **Ritesh Rastogi**,” Technical and Economical Growth for Mobile Cloud Computing Systems in India”, National Conference on Emerging Technologies in Computer Science (ETCS-2012), NIET 20-21 Oct. 2012
3. Mohit Kumar, **Ritesh Rastogi**, Meeraj Ansari,” Performance Evaluation of Testability of Java Programs”, National Conference on Emerging Technologies in Computer Science (ETCS-2012), NIET 20-21 Oct. 2012
4. Shivanth Gupta, Dr. Anurag Awasthi, **Ritesh Rastogi**,” A study of challenges in Architecture Based Software Reliability Growth Estimation”, National Conference on Emerging Technologies in Computer Science (ETCS-2012), NIET 20-21 Oct. 2012
5. Prachi Gupta, Anurag Awasthi, **Ritesh Rastogi**,” Detection of Word Sense Ambiguity in Web IR”, National Conference on Emerging Technologies in Computer Science (ETCS-2012), NIET 20-21 Oct. 2012
6. Deepak Tyagi, Anurag Awasthi, **Ritesh Rastogi**,” Analysis and Design of Metrics for Autonomic Computing”, National Conference on Emerging Technologies in Computer Science (ETCS-2012), NIET 20-21 Oct. 2012
7. Vijay Kumar Tiwari, Dr. Anurag Awasthi, **Ritesh Rastogi**,” Survey of Various Digital Signature Algorithms & its Limitations”, National Conference on Emerging Technologies in Computer Science (ETCS-2012), NIET 20-21 Oct. 2012
8. Vijay Kumar Mandal, **Ritesh Rastogi**,” Performance of Reactive Routing protocol in MANETs”, National Conference on Emerging Technologies in Computer Science (ETCS-2012), NIET 20-21 Oct. 2012
9. Mohit Kumar, Omair Ahmed Khan, **Ritesh Rastogi**,” Comparative Analysis of Multidimensional Encryption Algorithm” National Conference on Emerging Technologies in Computer Science (ETCS-2012), NIET 20-21 Oct. 2012
10. Omair Ahmed Khan, Mohit Kumar, **Ritesh Rastogi**,” Developing a multidimensional Algorithm for Encryption and Decryption”, National Conference on Emerging Technologies in Computer Science (ETCS-2012), NIET 20-21 Oct. 2012
11. Vidushi Deshwal, **Ritesh Rastogi**,” Enhancement of Wireless Security by eliminating weakness” National conference on “Computing Trends and Issues for National Development”, HIMCS Mathura 11-12 March 2011
12. **Ritesh Rastogi**,” Comparative Analysis of Routing Protocol”, National Conference on “Advancement in computational techniques and Applications(NACTA-2011) SVIM Indore in collaboration with CSI Indore Chapter and promoted by IEEE, 18th June 2011
13. **Ritesh Rastogi**, “Consumer Faith and Reliability in online Banking”, National Seminar on Advances in Computer Science and Technology, 15th April 2007 at SRMS Bareilly.
14. **Ritesh Rastogi** “National Conference on Security Issues in E-Commerce at Al Bakraat Educational Institutions on 10th March 2007
15. **Ritesh Rastogi**,” National Conference on Innovative Information Technologies and Secure Transactions, BITCON-2007, Bhilai

**NATIONAL JOURNAL**

1. Deepak Kumar Tyagi, Dr. Anurag Awasthi, **Ritesh Rastogi** “Analysis and design of metrics for autonomic computing” (NIET journal of Engineering and Technology) vol. 01 Issue 02 Summer 2013 pp 59-63
2. **Ritesh Rastogi**, Sahil Srivastava, Kuldeep Kumar, “IPR: An Intellectual Property right of software codes” (NIET Journal of Management) Vol. X, Issue 02 Winter 2019 Pp-34-36 ISSN 0975-7643
3. **Ritesh Rastogi**, Mayur Aggarwal, “Cloud Computing: An Overview” (NIET Journal of Management) Vol. XI, Issue 1 Winter 2020 pp 32-37

**PARTICIPATION**

1. Participated in” Ist National Conference on Advancement of Information Technology and Management” organized by IMS Educational Society in collaboration with U.P. Technical University, Lucknow and IBM India Ltd., and CSI on 8-9 Feb 2002 at DIT Dehradun
2. Attended International Web Conference on Impact of Covid-19 on Education System organized by Dr. Bhim Rao Ambedkar Marathwada University, Aurangabad, MS India in association with CSI, IETE and Wikimedia India on 30th May 2020.

**SHORT TERM COURSE/WORKSHOP**

1. Embedded C Programming of Microcontrollers through ICT conducted by Electrical Engineering Department from 02.05.2016-06.05.2016 at NIET Gr. Noida
2. Participated in Mission 10X Workshop conducted by Wipro Technologies with ISTE at NIET Gr. Noida for 17th Aug 2009 to 21st Aug 2009
3. Attended a workshop on “Advanced Developer Technologies” conducted by Microsoft on 5th June 2009
4. Attended Seminar on “IT Security and Ethical Hacking” conducted by KGW APPIN Knowledge Solutions Pvt. Ltd. on 28th March 2009
5. Attended Two Days Training on “Network Simulator” Conducted by DELLSOFT Technologies Pvt. Ltd Delhi from 17th to 19th August 2008
6. Certificate of Achievement for completing “Steps into Robotic Process Automation” during GUVI’s RPA Skill-A-Thon 2020
7. Online Workshop on Universal Human Values on the theme “Inculcating Universal Human Values in Technical Education “during July 2-6,2020 organized by AICTE
8. Attended National E-Conference Antibiotic Resistance: Causes and Future Challenges in Digital India”, held from 10th – 12th September,2020 organized by NIET (Pharmacy Institute) Greater Noida
9. Attended a workshop on Indo-Muscat One-week virtual workshop on Research Writing skills from 26th May to 30th May 2020 organized by UCRD Galgotia University Greater Noida

**FDP Attended**

* Certificate of Participation in FDP on Intellectual Property Rights (Copy Right-Trademark-Patent) on 25th July 2015 at NIET Greater Noida
* “Sales force Developer (Online FDP) conducted by ICT Academy on 17th Aug 2020 to 22nd Aug 2020
* Certificate of Completion on “Digital Teaching Technique” organized by ICT Academy from 29th Jun 2020 to 04th Jul 2020.
* “Sales force Security Specialist” (Online LIVE FDP) conducted by ICT Academy on 15th Jun 2020 to 20th Jun 2020
* “Introduction to Cloud Computing” (Online Live FDP) conducted by ICT Academy on 30th Apr 2020 to 05th May 2020
* “Introduction to Cloud Computing” (Online Live FDP) conducted by ICT Academy on 30th Apr 2020 to 05th May 2020
* National Level Online FDP on “Artificial Intelligence “organized by CBIT Hyderabad, Telangana and Brain-O-Vision Pvt. Ltd. from 22nd -26th May 2020

**CERTIFICATIONS**

* Certification of Completion “Elements of AI” from University of Helsinki on July 19,2020
* Completion Certificate “The Fundamentals of Digital Marketing” from Google Digital Unlocked on June 28,2020
* Microsoft Technology Associate for “Software Development Fundamentals” on September 6, 2019
* Microsoft Technology Associate for “Introduction to Programming Using Python” on June 13,2020
* Certified **Digital Teacher** by ICT Academy

**WORKSHOP/SEMINAR/CONFERENCE ORGANIZED**

* **Co-Convener and Scientific Committee Member** in National Conference on “Emerging Technologies in Computer Science(ETCS-12) & National Level Students Symposium Technovision-2K12 organized by Department of CS/IT/MCA on October 20th & 21st ,2012 at NIET Greater Noida
* **Organizing Committee Member** for the National Seminar on “Need of Entrepreneurial Revolution in Emerging Technologies in the Current Global Scenario” organized by Entrepreneurship Development Cell, NIET Greater Noida on 16th November 2013
* **Advisory Board Member** for the AKTU Sponsored FDP (under TEQIP-III) on Machine Learning (27th May-31st May 2019) conducted by IT Department, NIET Greater Noida
* **Co-Convener** in International Conference Advances in Computational Techniques and Research Practices” (ICACTRP 2017), Feb 3rd & 4th 2017 organized by Department of CSE, NIET Greater Noida
* **Co-Convener** in International Conference Advances in Computational Techniques and Research Practices” (ICACTRP 2018), Sep 14th & 15th 2018 organized by Department of CSE, NIET Greater Noida sponsored by CSI, ISTE, IJARCCE
* **Organized** a Webinar on “Artificial Intelligence’” on 4th May 2020
* **Course Coordinator** for “Multimedia Tools & Utilities” ICT Based from 27th March – 31st March 2017.
* **Program Coordinator** for IIRS/ISRO Outreach network for conducting the courses by IIRS Dehradun.
* **National Advisory Committee Member** for the Virtual Conference 2020 on “IOT and INTELLIGENT APPS” organized on 4th December 2020, <https://iot.iferp.in/national-advisory-committee.php>
* **International Advisory Committee Member for the “3**rd International Conference on Recent Trends in Multi-Disciplinary Research**”** organized on 26-27th December 2020, Maldives, <https://icrtmdr.com/international-advisory-committee.php>
* **Scientific Committee member** for the 2ND International conference on Future Communication and Computing Technology. (ICFCCT-2021), organized by IFERP on 27th-28th October 2021, Mumbai, ISBN No. :978-93-90214-16-7 **,** <https://icfcct.net/scientific-committee.php>

**INVITED SPEAKER**

* **Delivered Two Days Lecture** for BBA and MBA Students on “Excel- The Excel” from 22nd – 23rd September 2020 at “Teerthanker Mahaveer University”, Moradabad

**AWARDS AND ACHIVEMENTS**

* Received Lifetime Dedication Award from Managing Director, NIET
* Received cash prize and letter of appreciation for being regular at Duty
* Received **Certificate of Appreciation** for providing voluntary services in organizing National Conference on Emerging Technologies in Computer Science (ETCS-2012), NIET 20-21 Oct. 2012
* **Certificate of Appreciation** for providing services in teaching and IT industry by Cetpa India Pvt. Ltd.
* Certificate of appreciation **“Teacher Innovation Award”** by Sri Aurobindo Society under ZIIEI in 2019
* **Corona Warrior Award** byEngineering and Management College Teachers Development Association
* Received **Research Excellence Award 2020** from *Institute of Scholars for research work.*

**BOOK PUBLISHED**

* Management Information System for MCA/B.Tech students under Sun India Publication, Delhi
* Software Engineering for MCA/B.Tech students under Virindha Publication Noida
* Foundation of Information Technology for B. Tech IIIrd Semester Under Krishna Publication, Meerut.

**THESIS/PROJECTS GUIDED**

* Guided Sixteen M. Tech Dissertations of university like GBTU, Amity, KSOU
* Guided 150+ PG (MCA, M.Sc.(CS) projects for university of AGRA, UPTU, GBTU, AKTU
* Guided 50+ UG (B. Tech, BCA) projects for the universities like CCS, AGRA, KSOU

**MEMBERSHIP**

* Life Member of ISTE having LM 50094
* Graduate Member of AIMA Membership No. G 2971686
* Member of IAENG (Member No: 65328)
* Member of IFERP PM12689347
* Brand Ambassador of IFERP
* Membership of InSc

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**Ritesh Rastogi**