Assistant Professor Dr. Raju Singh Gaur

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**EXPERIENCES:**

 04/09/2006- Till Date Dayanand Anglo-Vedic College, Kanpur

Assistant Professor Mathematics

**EDUCATION:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No.** | **Qualification** | **Board/University** | Passing Year  | Subject |  % |
| 1 | Ph.D | Dr. B.R. Ambedkar University, Agra | 2007 | Mathematics | Awarded |
| 2 | M.Phil | Dr. B.R. Ambedkar University, Agra | 2002 | Mathematics | 76.1% |
| 3 | M.Sc | Dr. B.R. Ambedkar University, Agra | 2001 | Mathematics | 62.6% |
| 4 | B.Sc | Dr. B.R. Ambedkar University, Agra | 1998 | Physics, Chemistry, Maths | 62.3% |
| 5 | Inter | U.P. Board Allahabad | 1995 | Hindi, English, Maths, Physics, Chemistry | 58.6% |

**RESEARCH PAPERS:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **Title With Page No.** | **Journai Name** | **Year** | **ISSN Number** |
| 1 | Study Of Algorithm For Reliability Acyclic Consecutively Connected Networks,154-167 | Abhinav Gaveshna | 2020 | 2394-4366 |
| 2 | Reliability Evaluation Of Multi-state Acyclic Networks System | The Gunjan | 2019 | 2349-9273 |
| 3 | Reliability Evaluation Of Acyclic Multi-state Transmission Networks using the Universal Generating Function Technique,105-112 | IJMMSA | 2012 | 0973-8355 |
| 4 | Reliability Evaluation Of Acyclic Linear Multi-state Consecutively Connected Network,01-10 | Acta Ciencia Indica | 2011 | 0970-0455 |
| 5 | Reliability Analysis Of Networks Through The Enumeration Of Minimal Cut Sets,01-190972 | International J Of Information And Computing Science | 2010 | 0972-1347 |
| **6** | Maximizing Survivability Of Acyclic Multi-state Transmission Networks,113-124 | Jnanabha | 2008 | 0304-9892 |
| **7** | Reliability Analysis Of Different Series System Built Up Of Different Devices,78-86 | International J Of Information And Computing Science | 2006 | 0972-1347 |
| **8** | Reliability Enhancement And Fixed Transmission Times Of Acyclic Transmission Multi-state Networks,46-56 | Journal Of Mathematics And Systems Sciences | 2006 | 0975-5454 |
| 9 | Availability And Maximizing Survivability Of Cable TV Transmission System,107-112 | Jnanabha | 2004 | 0304-9892 |

**BOOKS/CHAPTERS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S.No.** | **Title of Book/Chapter** | **Year** | **Publisher** | **International/****National** | **Author/Editor** | **ISBN****Number** |
| 1 | Intelligent NetworksTechniques and Applications/Mathematical Modeling for Vehicle density and Traffic Flow with Intelligent Vehicular Communication | 2024 | Taylor & Francis (CRC Press) | International | Dr. Raju Singh Gaur | 9781032657950 |
| 2 | Non-Traditional Security Issues in India/A Comprehensive Analysis of Cyber-attacks and Cyber security, Including New Advancements and Emerging Tendencies  | 2023 | Satyam Publishing House, New Delhi | National | Dr. Raju Singh Gaur | 978-93-5909-716-9 |
| 3 | India Cyber Security/Mathematical Model to Analyse Cyber Crime | 2022 | OPUS PUBLISHER AND DISTRIBUTOR | National | Dr Raju Singh Gaur | 978-93-94870-13-0 |
| 4 | Women Touching The Horizon/The Great Indian Mathematician Shakuntala Devi | 2021 | International Institute for Academic Research and Development | National | Dr Raju Singh Gaur | 978-81-947536-4-3 |
| 5 | Lockdown Pashchat Bhartiya Paridrashya/Corona Kaal Mein Online Siksha Ka Bacchon Par Prabhav | 2020 | ANU BOOKS | National | Dr Raju Singh Gaur | 978-81-94722-44-1 |

**SEMINARS/CONFERENCES**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S.No. | Title Of Paper Presented/Published | Detail Conference/Seminar | Date Of The Event | Venue Of The Event | International/National |
| 1 | Datasets, artificial intelligence and mathematical modeling used in the management of COVID-19 | National Seminar on Artificial Intelligence: Scope and Application | 28-29/03/2024 | Brahmanand PG College, Kanpur | National |
| 2 | An Examination of a Duplex Computer System’s Reliability | National Seminar on Mathematical Modeling and Its Applications | 18-19/03/2024 | D.A-V College, Kanpur | National |
| 3 | Vedic Mathematics : Contribution to accelerate basic mathematical operations | National Conference on New Thrust Areas in Mathematical Sciences | 01-02/03/2024 | Government Geetanjali Girls P.G. College, Bhopal | National |
| 4 | Study of Acyclic Multi-State Transmission Network for Maximum Survivability | National Seminar on Importance of Mathematics and its Interdisciplinary Applications | 28/03/2023 | Atarra PG College, Banda | National |
| 5 | Mathematical Model to Analyse Cyber Crime | National Seminar on India Cyber Security | 10/12/2022 | D A V College, Kanpur | National |
| 6 | Analysis Foreign Policy through Mathematical Model | National Seminar on 75 Years of India Foreign Policy | 12/11/2022 | D A V College, Kanpur | National |
| 7 | Enforcement of Intellectual Property Rights and Social Welfare in India | Emerging Trends of Intellectual Property Rights | 05/11/2022 | Government College, Nagda | National |
| 8 | Reliability Analysis of Networks Using Minimal Cut-Sets Method | National Conference on Science and Technology Rural Development | 03/12/2019 | D A V College, Kanpur | National |
| 9 | Reliability Analysis of ACCN Using Universe Generating Function Techniques | Reliability Analysis of ACCN Using Universe Generating Function Techniques | 23/11/2018 | D A V College, Kanpur | National |
| 10 | Maximizing Survivability of Acyclic Multi-State Transmission Networks | National Seminar in Science and Technology for National Development | 29/09/2016 | D B S College, Kanpur | National |
| 11 | Reliability Analysis Of ATMN With CCF | National Seminar On Recent Advances In Mathematics And Its Applications | 12/02/2011 | B N D College, Kanpur | National |
| 12 | Reliability Evaluation Of Acyclic Consecutively Connected Network Using UGF Technique | National Seminar In Mathematics On Mathematics And Its Application To Industries | 31/01/2009 | D B S College, Kanpur | National |
| 13 | Reliability Analysis Of Different Series Systems Built Up Of Different Devices | 9th Conference Of The International Academy Of Physical Sciences | 03/02/2007 | Dr BRAU Agra | International |

**ORIENTATIONPROGRAMME/ REFRESHER COURSE**

1 Orientation Programme , HRDC University of Lucknow, 07-31/12/2019

2 Refresher Course, HRDC Centre Devi Ahilya Vishwavidyalaya, Indore, 25/11/2020 – 08/12/2020

3 Refresher Course, UGC (MMTTC) University of Lucknow, 20/11/2023- 05/12/2023

4 Orientation/ Refresher Programme approved by AICTE-ISTE on Cryptology and Network Security, PSIT, Kanpur, 07/01/2022 -13/01/2022

5 In House Training Programme by NITTTR, Kolkata (HRD Government of India) on Pedagogy for 21st Century Learners, 04/12/2017- 08/12/2017

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