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|--|---|--|---|------------------|--|---|
| Title | Dr. | First Name | Rudraman | Last Name | |  |
| Designation | Principal | | | | | |
| Department | CGC Bhadpura | | | | | |
| Address | Campus | Constituent Government College, Bhadpura, Nawabganj, Bareilly (UP), India. | | | | |
| | Residence | | | | | |
| Mobile No. | 9720449992 | | | | | |
| Email ID | Personal | rudramansingh10@gmail.com | | | | |
| | Campus | cgcnewabganj@mjpru.ac.in | | | | |
| Professional ID | | | | | | |
| Linkedin | https://www.linkedin.com/in/dr-rudraman-34a452296 | | | | | |
| ORCID | https://orcid.org/0009-0009-6971-8655 | | | | | |
| Research Gate | https://www.researchgate.net/profile/Dr.Rudraman | | | | | |
| Educational Qualifications | | | | | | |
| Course/Degree | Institution | Year | Details/Thesis Topic/Subjects | | | |
| B.Sc. | S S College Shahjahanpur | 2000 | PCM | | | |
| M.Sc. | MJP Rohilkhand University, Bareilly. | 2002 | Mathematics | | | |
| Ph.D. | MJP Rohilkhand University, Bareilly. | 2008 | <i>"Practical analysis of discrete time models: an operational research approach"</i> | | | |
| Career Profile | | | | | | |
| Organization / Institution | Designation | Duration | Nature of Duties | | | |
| Bareilly College Bareilly. | Assistant Professor | From, 7 Nov. 2005 to 20February,2008. | Teaching | | | |
| Adarsh Mahavidyalaya Hardua, Nawabganj, Bareilly. | Assistant Professor | From 01 March,2008 to 03 October,2010. | Teaching | | | |
| Government P G College Gopeshwar ,Chamoli. | Assistant Professor | From 04 october. 2010 to 24 March 2011. | Teaching | | | |
| FET,Gurukula kangri Deemed To Be University ,Haridwar | Assistant Professor | From 25 March2011to 7 December 2022 | Teaching | | | |
| Constituent Government College, Bhadpura, Nawabganj,Bareilly (UP). | Principal | From 08 Dec. 2022 to Till date. | Administrative | | | |
| Research Interests / Specialization | | | | | | |
| Operation Research. | | | | | | |
| Research Experience in Years = 18 Years (since joining for PhD) | | | | | | |

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| Teaching Experience (Subjects/Courses Taught) = More than 10 years |
| Operation Research, Numerical analysis, Differential & Integral calculus, Discrete Mathematics, Topology, Abstract Algebra, Linear Algebra <i>etc.</i> |
| Honours / Awards & Fellowship |
| <ul style="list-style-type: none"> ➤ Worked as Team Manger (sports) on behalf of FET at NIT, Sultanpur From 4-11-2011 to 6-11-2011. ➤ Member Organizing Committee in the National Seminar On “ Innovations And application In Engineering & Applied Science” held on 9-10th Nov. 2011, at Faculty Of Engineering & Technology, GKV, Haridwar. ➤ Member of FOOD & Catering Committee in the International Conference On “Green Technologies For Environmental Rehabilitation(GTER-2012)” held on 11-13 February 2012, at Faculty Of Engineering & Technology, GKV, Haridwar. ➤ Member of FOOD & Catering Committee in the National Conference On “Progress in Electronics & Allied Sciences” held on Nov 3-4, 2012 at Faculty Of Engineering & Technology, GKV, Haridwar. ➤ Member of Accomodation Committee in the National Conference on” Emerging Trends In Engineering & Sciences (ETES-2013)” held at Faculty Of Engineering & Technology, GKV, Haridwar, From Nov 9-10, 2013. ➤ Member of Fee Committee in Faculty Of Engineering & Technology, GKV, Haridwar |

| Publications /Academic Activities (Numbers Only) | | | | | | | | | |
|---|----|---|----|---|----|--|----|--|----|
| Books & Monographs (Single Author) | 04 | Research Papers Published in International Journals | 02 | Papers Presented in Seminars/ Conferences | 11 | Seminars/ Conferences Organized | NA | Research Projects (Completed) | NA |
| Books (Co-authored) | 02 | Research Papers Published in Other Journals | 08 | Seminar/ Conferences Attended | 03 | Workshops Organized | NA | Research Projects (Ongoing) | NA |
| Books (Edited) | | Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc. | NA | Sessions Chaired in Seminars/ Conferences | 01 | Memberships of Academic/ Professional Bodies | 01 | Foreign Countries Visited for Academic Assignments | NA |
| Chapters in Edited Books | | | | Resource Lectures Delivered | 01 | | | | |
| Patents | 04 | Workshop attended | 05 | Book chapter | 01 | FDP | 06 | Refresher/Orientation | 03 |

| Details of Publications /Academic Activities | | | |
|--|---------------------|--------------------|-------------------|
| (a) Authored Books/ Monographs | | | |
| Name of Book | Year of Publication | Publisher | ISBN No |
| Differential Calculus & Integral Calculus | 2021 | Thakur Publication | 978-93-5480-138-9 |
| Integral Calculus | 2022 | Thakur Publication | 9789357551434 |

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| अवकल एवं समाकलन गणित | 2022 | Thakur Publication | 978-93-5480-207-2 | | | | |
| Matrices, Trigonometry and Calculus | 2022 | Thakur Publication | 978-93-5480-641-4 | | | | |
| (b) Edited Books | | | | | | | |
| Year of Publication | Title | Publisher | ISBN | DOI No. | Citations | | |
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| (c) Papers Published in UGC Care Listed /Indexed/ Peer Reviewed Journals | | | | | | | |
| S. no. | Year of Publication | Title | Name of Journal | ISSN No | Citations | Impact factor | Authors |
| 1. | 2023 | Analysis of optimize the route of network system in an operational research approach | international conference ICSTM-2023 | 978-93-91535-54-4 | | 2.89 | Dr Rudraman |
| 2. | 2022. | Model for Retailers with Price Dependent Demand Rates | IEEE Digital Library | ISSN 2473-2001 | | 3.55 | Dr Rudraman |
| 3. | 2022 | " Algorithm of The Distribution Geo/G/1/K/N Queue with Services Network | European Journal of Molecular & Clinical Medicine (Scopus) | 2515-8260 | | , 7.08 | Dr Rudraman |
| 4 | 2021 | Analysis of Joint Distributions of Queue Sizes By Using Mobile Network | European Journal of Molecular & Clinical Medicine (Scopus) | 2515-8260 | | 7.08 | Dr Rudraman |

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|----|-------|---|---|-----------------|--|------|-------------|
| 5. | 2021 | Management of Lalpur (Rudrapur) Toll plaza in Uttrakhand using Queuing model M/M/1. | Shiv Shakti International Journal in Multidisciplinary and academic research(Scopus), | 2278-5973 | | .765 | Dr Rudraman |
| 6 | 2020 | Analysis of the Arrival Geo/G/1 queue with Geometric Distributed Multiple | International Journal of Innovative Technology and Exploring Engineering (IJITEE) (Scopus) | ISSN: 2278-3075 | | 5.66 | Dr Rudraman |
| 7 | 2014. | MHD Unsteady Free Convection of Heat and Mass Transfer Flow Through Porous Medium with Time Dependent Suction and Constant heat Source/Sink | World Academy OF Science, Engineering and Technology International Journal Of Mathematical, Computational Science and Engineering (Scopus | ISSN 1307-6892. | | 2.19 | Dr Rudraman |

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|----|------|--|---|------------------|--|------|-------------|
| 8. | 2013 | Unsteady Transient Free Convective Flow Of An In Compressible Viscous fluid Under Influence Of Uniform Transverse Magnetic Field | World Academy OF Science, Engineering and Technology International Journal Of Mathematical, Computational Science and Engineering(Scopus | ISSN 1307 - 6892 | | 2.19 | Dr Rudraman |
| 9 | 2014 | Analysis of Patrol Routing in Networking | Bi-annual International journal of Department of Research & Publication SRM University | ISSN :2322-0236 | | 2.36 | Dr Rudraman |
| 10 | 2011 | An Analysis of Vacation Models with Stochastic Decomposition Properties in Discrete Time System | Purvanchal Academy of science, Jaunpur | ISSN 0972-3498 | | 1 | Dr Rudraman |

(d) Chapter/Paper Published in Edited Books

| Publication | | Title of the Book | Title of the Chapter | Name & Address of Publisher | Year | ISBN | DOI | Citation Google/ web of science |
|-------------|---------------|---|---|-----------------------------------|------|------------------------|-----|---------------------------------|
| National | International | | | | | | | |
| | International | 21 st Century Innovations in Management, Science and Technology, Education and Social Sciences). | Role of Technology in Effective management Practices in Educational Institutions: An Empirical Study” | Paisley Cir, Novi MICHIGAN- 40531 | 2022 | ISBN:978-1-68576-279-7 | | |

(e) Invited as Resource Lectures Person/Examiner/Expert 01

(f) Seminars/Conferences/Workshops Organized = 25

.Organizing Committee member 05

(g) Projects (With Title, Year, Grants, Funding Agency and Collaborations) = NA

(h) Administrative Positions/Assignments Held

| Post | Organization | Duration |
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| | | From | To |
|---|---|---|-------------------------------|
| Chief Procter | Adarsh Mahavidyalaya Hardua Nawabganj | 10july2008 | 30 June 2009 |
| Principal | Constituent Government College, Bhadpura, Nawabganj, Bareilly (UP). | December, 08 th ,2022 | Till date |
| (i) Seminar/Conference Presentations | | | |
| 1. Practical analysis Of Evolutionary Algorithm | 94 th Indian science Congress | Held at the Annamalai University,Chidambara m | From January 3 to 7,2007 |
| 2. Analysis Of Geo/G/1/K System in Discrete Time system | Innovations And application In Engineering & Applied Science | Held at the Faculty Of Engineering & Technology,GKV,Haridwar | 9-10 th Nov. 2011, |
| 3. Analysis Of Geo/G/1/K/N System in Discrete Time system | Advances In Modeling,Optimization and Computing(AMOC- 2011) | Held at the Department Of Mathematics,IIT Roorkee | From Dec 5-7,2011 |
| 4. Analysis Of Geo ^x /Geo/1 System in Discrete Time system | Green Technologies For Environmental Rehabilitation(GT ER-2012) | Held at the Faculty Of Engineering & Technology,GKV,Harid war. | From 11-13 February 2012 |
| 5. The Max-Flow Model With Several Algorithms. | Emerging Trends In Engineering &Sciences (ETES- 2013) | Held at the Faculty Of Engineering & Technology,GKV,Haridw ar | From Nov9-10,2013 |
| 6. Analysis of Priorty Queue Models of Discrete Time System in Queuing Theory | National Symposium On Instrumentation (NSI-39) | Held at the Faculty Of Engineering & Technology,GKV,Haridw ar | From October 15- 17,2014 |
| 7. Study of Zoning : An Operational Research Approach | Science Technology For Indigenous Development in India | The Indian Science Congress and Faculty Of Engineering & Technology,GKV,Haridw ar | From September28- 30,2015. |
| 8. Analysis of The Arrival Geo/G/1 Queue With Geometric Distributed Multiple | International Conference on Industry 4.0- Architecting Management Practices in Business | Indirapuram Institute of Higher Studies, Ghaziabad | From25 Jan,2020. |
| 9. Management of Lalpur Toll Plaza in Utrakhhand Using Queuing Model M/M/1 | National Confrence on"Science & Technology : Rural Development | The Indian Science Congress and Department of Chemistry and Department of Physics ,GKV,Haridwar | From February 15-16 2020 |

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| 10. Analysis of optimize the route of network system in an operational research approach | international conference ICSTM-2023 | Held at India International Centre, New Delhi | From 25 June23 |
| 11.PATRICIPATED Two days National E-seminar on “E-Tools on Academia&Scientific Research Methodology” | National Seminar | Deptt. of Mathematics,CSSR&SRR M College,Kamalapuram,A. P | 03Feb24 to 04 Feb 24 |
| (j) Memberships of Academic/Professional Bodies = 01. | | | |
| Life Time Membership Of Indian Science Congress Association Membership no.L18388 | | | |
| (k) Public Service / Exchange Programme / Consulting Activity | | | |
| ➤ Delivering an online invited lecture on “History of Operation Research”on 21 july 2021 in Government P. G. College Bazpur U.S Nagar ,Uttarakhand | | | |
| (l) International Academic Exposure | | | |
| NA | NA | NA | NA |
| (m) Any Other Details | | | |
| <ul style="list-style-type: none"> ➤ Acted as Session Coordinator in One week “Online Student Induction Program ”organized by Faculty Of Engineering & Technology, GKV, Haridwar from Dec 14-19 ➤ Participated in the Faculty Development Program on “Teaching and Soft Skills” Organized by the Faculty Of Engineering & Technology,GKV,Haridwar, From October 3-4,2018 ➤ Successfully Completed Two Weeks Faculty Development Programme on “Managing online Classes and Co-creating MOOCS “of Teaching Learning Centre Ramanujan College University of Delhi from april20-may06,2020 ➤ Successfully Completed Four Weeks Induction/Orientation Programme for “Faculty in Universities/Colleges/ Institutes of Higher Education”of Teaching Learning Centre Ramanujan College University of Delhi from June04-July01,2020 ➤ Participated in One Week National Level Online Faculty Development Programme on “FUTURE SCOPE IN IT” Organized by Department of Information Technology,PAVAI Engineering College,namakkaI,TamilnaduJuly6-10th 2020. ➤ Successfully Completed Five days Online Faculty Development Programme on “Inculcating Universal Human Values in Teaching Education” organized by All India Council for Technical Education(AICTE) from 15March to 19March,2021. ➤ Successfully Completed Five days Online Faculty Development Programme on “Academic Leadership & Management of Technical Education” organized by All India Council for Technical Education(AICTE) from 17-21 May,2021. ➤ Successfully completed the ARPIT course for CAS,refresher course on Teacher and Teaching in higher Education from1st Dec2020 to 31 March 2021. ➤ Successfully Completed Ten days Faculty Development Programme on “Academic Leadership & Management of Technical Education” organized by All India Council for Technical Education(AICTE) from 19-30 sep,2022. ➤ Successfully completed online inter- Disciplinary two –week Refresh course in “MANAGING ONLINE CLASSES &CO-CREATING MOOCS” from 05-19 August,2023 organized by Ramanujan college, University of Delhi. ➤ Participated in one week National Workshop on “Data Analytics Using Advanced mathematical Tools”(DAUAMT-23)Organized by department of Applied Science,FET,GKV,Haridwar with uttrakhand Science Education &Research Centre ,Dehradun from 13-18 March 2023. | | | |

Date: October, 2023

(Dr.Rudraman)