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**Faculty Profile**

**Dayanand Vedic College, Orai (Jalaun), U.P.-285001 (India)**

1. **The faculty member is requested to fill the following details in soft copy and submit the hard copy to the undersigned till 20th February 2023.**
2. **You are requested to send the soft copy (Word file) on the email id** **automationdvc@gmail.com**

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| **Name**  | **:** | Dr. Surendra Singh Chauhan |  |
| **Date of Birth** | **:** | 18 July 1966 |
| **Designation** | **:** | Associate Professor |
| **Employee ID**  | **:** |  |
| **Department** | **:** | Mathematics |
| **Date of Joining** | **:** | 6 July 2002 |
| **Teaching Experience** | **UG** | **:** | 20 years |
| **PG** | **:** | 10 years |
| **Educational Qualification****(UG Onwards)** | **:** | M.Sc., M. Phil., Ph.D. |
| **M.Phil./D.Phil. /Ph.D.(Topic & University)** | **:** | M. Phil: Agra University, Agra; Topic of Ph.D. -Special Functions and Their Applications in Mathematical Physics; Bundelkhand University, Jhansi. |
| **Research Area/Specialization** | **:** | Special Functions |
| **Ph.D. Supervised/Ongoing** | **:** | one / one ongoing |
| **Organized Seminar/Workshop/FDP(State/National/International)** | **:** |  |
| **Contact Details** | **Residential Address** | **:** | Ram Nagar, Jhansi Road, Orai-285001 |
|  | **Contact No.****Email Id****Website** | **:****:****:** | 8299889459dr.surendrasingh2010@gmail.com |

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| **Research Project** | **Completed** |  |
| **Ongoing** |  |
| **Research Contributions** | **Research Paper** | 1. Integrals Involving Multiple Hypergeometric Functionsof SeveralVariables Through Difference Operator Approach; Jnanabha
2. Remarks on CertainIntegrals Involving Hypergeometric Function of Three and Four Variables; Jnanabha
3. Multidimensional Laguerre Transforms; Jour. Pure Math
4. A New Multidimensional Integral Transform; Jour. Pure Math.
5. Applications of Multiple Hypergeometric Functionof Srivastava-Daoust and Generalized Polynomialsof Srivastava in Two BoundaryValue Problem; J. NatAcad. Math.
6. On Some MultivariableGeneralized Truesdell Polynomials; Jour. Pure Math.
7. Applications of Multiple Hypergeometric Function of Srivastava, Daoust andGeneralized Polynomials ofSrivastava in a Problem of Heat Conduction; Shodh Dhar
8. Multivariable Analogueof Generalized Truesdell Polynomials; Fundamental Research Jour.
9. Multivariable Analogueof Agrawal’s PolynomialsDefined Through Generating Function; Printing Area.
10. New Multivariable Analogueof Panda’s Polynomials; Fundamental Research Jour.
11. An Approach to Multidimensional Hermite Transform; Review of Research.
12. Difference Operator Approach toEvaluate IntegralsInvolving Multiple Hypergeometric Functionsof SeveralVariables with Respect to Parameters; Innovation,The Research Concept.
 |
| **Books/ Edited Books** | 1. Elements of Statistics
2. Partial Differential Eqation and Integral Transform
3. Algebra and Trigonometry
4. Calculus
5. Geometry and Vector Calculus
6. Linear Algebra and Matrice
7. Differential Equations and Integral Transform
8. Mechanics
9. Real Analysis
10. Complex Analysis
11. Numerical Analysis and Programming in C'
12. Differential Calculus
13. Integral Calculus
14. Matrices and Differential Equations
15. Geometry
16. Algebra
17. Mathematical Methods
 |
| **Chapter in Edited Books/ Paper in Proceedings** |  |
| **Seminars/ Conferences /Webinars** | 1. ‘A New MultipleIntegralTransform’; 10th Annual Conferenceof Vijnana Parishad ofIndia on MathematicalModellingMay 17-19, 2004, MANIT, Bhopal
2. ‘A NewMultidimensionalIntegralTransform’; 11th Annual Conferenceof Vijnana Parishad ofIndia, Symposium onModelling of Real-Life MathematicalProblems and ComputerApplicationsMay 12-15, 2005; AnandEngineeringCollege, Agra
3. ‘A Problem ofElectrostaticPotential inSpherical Region’; 12th Annual Conferenceand NationalSymposium on“Application Functions”of Special, Oct. 25-27, 2007
4. ^^vk/kqfudrkdh pdkpkSa/kesa [kksrhvewY;/kjksgj\*\*; vf[kyHkkjrh;“kks/klsehukj&2009bDdh”kohalnhesaHkkjrk% n”kk ,oaMh0oh0dkWystmjbZ
5. ‘On SomeGeneralizedFractionalDerivativeFormulas’; National Seminar on Recent Advantage in Mathematics and its Applications Feb. 12, 2011; Department ofMathematics,BrahmanandCollege, Kanpur
6. ‘Application ofMultipleHypergeometricFunctions ofSrivastava andDaoust andGeneralizedPolynomials ofSrivastava in aproblem of HeatConduction’; 15th Annual Conferenceof Vijnana Parishad ofIndia and A NationalSeminar on New ThrustArea in MathematicalSciences andTechnologyNov. 04-06, 2011; D.A.V College,Kanpur
7. ‘DifferenceOperatorApproach toEvaluate IntegralsInvolving MultipleHypergeometricFunctions ofSeveral Variableswith Respect toParameters’; 16th Annual NationalConference of VijnanaParishad of India onMathematical andComputationalModelling, May 24-26, 2013; Department ofMathematics, Dr.B.R. AmbedkarUniversity, Agra
8. ‘Application ofMultipleHypergeometricSrivastava-Daoustand GeneralizedPolynomials ofSrivastava in AProblem InvolvingLaplace Equation’; 17th Annual Conferenceof Vijnana Parishad ofIndia and NationalSeminar onMathematics ThroughAges Feb 20-21 2014; Government.Digvijay P.G.College,Rajnandgaon(Chattisgarh)
9. ‘AlternativeDynamic SystemBiomathematicalModeling andTheir Analysis’; National Seminar onNational Seminar onResearch in SocialScience and Scienceswith Special Referenceto Methodology andStatistical TechniquesMarch 21-22, 2015Research in SocialScience and Scienceswith Special Referenceto Methodology andStatistical TechniquesMarch 21-22, 2015; B.U., Jhansi
10. ‘MultivariableAnalogue ofGeneralizedTruesdellPolynomials’18th Annual Cum IstInternationalConference of VijnanaParishad of India onComputational andIntegrative Sciences andInternationalSymposium onComputational BiologyDec. 11-14, 2015; MANIT, Bhopal
11. ‘MultivariableAnalogue ofAgrawal’sPolynomialsDefined ThroughGeneratingFunctions’20th Annual NationalConference of GwaliorAcademy ofMathematical Sciencesand Symposium onMathematics in RealLife Problem withSpecial Reference toLife SciencesFeb. 5-7, 2016; Jiwaji University,Gwalior (M.P.)
12. ‘NewMultivariableAnalogue ofPanda’sPolynomials’19th Annual Conferenceof Vijnana Parishad ofIndia on RecentAdvances inMathematics andMathematical Sciencesand Their ApplicationsNov. 10-12, 2016; Department ofMathematics,H.N.B GarhwalUniversity
13. ^^ty L=ksr dhleL;k ,oalaj{k.k\*\*;National Seminar onWater Scarcity:Problem and Solution(Special Context onBundelkhand)Feb. 25-26, 2018;Government P.G.College, Hamirpur(U.P)
14. ‘Importance OfVedic Science inOur Lives’National Seminar onProtecting our ValuesThrough Advancementin Education andResearch in Humanitiesand Vedic ScienceMarch 30-31, 2018;B.U. Jhansi
15. Capacity building forIQAC in highereducationMarch 25, 2017;Dr. R.M LohiyaNational LawUniversityLucknow
16. InternationalConference and 22ndAnnual Convention ofVPI on Advances inOperations Research,Statistics andMathematics, December 28-30, 2019,BITS Pilani
17. ‘MultivariableAnalogue ofAgrawal’sPolynomialsDefined ThroughGeneratingFunction’5th InternationalConference on Advances inRecentMathematical Scienceswith Applications inEngineering andTechnologyJune 16-18, 2022,JNU New Delhi
 |
| **Orientation/FIP/ Refresher/ Workshop/Symposium/STP/FDP** | 1. Orientation Cource -June 1 to june28 , 2004, Academic Staff College D.D.U. Gorakhpur U. P.
2. Refresher Cource-Nov. 30 to Dec 20, 2007,D.D.U. Gorakhpur University ,Gorakhpur.
3. Refresher Cource-August 03 to August 2010, Dept. Of Mathematics D.D.U.,Gorakhpur University Gorakhpur,U.P
4. Refresher Cource-August 10 to August 30 ,2011, Department of Mathematics,D.D.U. GORAKHPUR University,Gorakhpur,U.P.
5. Short Term Cource-Sept 18 to Sept 24 ,2015, H.R.D.C. University of Lucknow ,Licknow
 |
| **E-Content/ MOOCs/Others** |  |
| **Awards/Honours/ Recognitions** |  |
| **Member in Academic Bodies** |  |
| **Any Other Relevant Information** | 1. **Life Member of Vijnana Parishad of India,Orai, U.P.**
2. **Life Member Of Journal of National Academy of Mathematics, DDU,Gorakhpur U.P.**
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**Faculty Signature**

**Note-**

* Kindly giveyour research contributions in APA/MLA/Chicago/others references Style.
* Attach separate pages where necessary.