

CURRICULUM VITAE

DR. JITENDRA KUMAR SINGH

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EDUCATIONAL QUALIFICATIONS

Degree	Year	University/Board	Marks (%)	Division
Ph.D. (Applied Mathematics)	2012	Indian Institute of Technology (ISM), Dhanbad	Course Work with A grade	
M.Sc. (Mathematics)	2004	D. D. U. Gorakhpur University, Gorakhpur	71.1	1 st
B.Sc.	2002	V. B. S. Purvanchal University, Jaunpur	68.9	1 st
Intermediate (10+2)	1998	U. P. Board	64.2	1 st
High School (10 th)	1996	U. P. Board	63.7	1 st

Ph.D. degree is awarded on October 08, 2012 under the supervision of Prof. G. S. Seth on the research topic entitled "Theoretical Study of the Problems of Magnetohydrodynamic Flow in a Rotating Channel**"*

RESEARCH INTEREST

Fluid Mechanics, Magnetohydrodynamics (MHD), Heat and Mass Transfer and Numerical Analysis

ACHIEVEMENTS

- [1] Joint CSIR-UGC test for Junior Research fellowship and eligibility for Lectureship (NET) held on December 21, 2008 qualified for Junior Research fellowship of UGC and eligibility for Lectureship (NET). **(Roll No. 407821)**
- [2] Joint CSIR-UGC test for Junior Research fellowship and eligibility for Lectureship (NET) held on June 21, 2009 qualified for Junior Research fellowship of CSIR and eligibility for Lectureship (NET) (AI Rank: 90). **(Roll No. 412081)**
- [3] Joint CSIR-UGC test for Junior Research fellowship and eligibility for Lectureship (NET) held on December 20, 2009 qualified for eligibility for Lectureship (NET) (AI Rank: 71). **(Roll No. 415391)**
- [4] National Programme on Technology Enhanced Learning (NPTEL) course "Numerical Methods" completed successfully with consolidated score 76 % (Elite Certificate) (Course credit 2, 1 credit is equivalent to 16 hours of Lerner Engagement). **(Roll No. NPTEL18MA11S21120152)**
- [5] National Programme on Technology Enhanced Learning (NPTEL) course "Transform Techniques for Engineers" completed successfully with consolidated score 96 % (Elite + Gold Certificate) (Course credit 3, 1 credit is equivalent to 16 hours of Lerner Engagement). **(Roll No. NPTEL18MA12S11151735)**
- [6] Annual Refresher Program in Teaching (ARPIT), March 2019 course "A Refresher Course in Calculus" completed successfully. **(Roll No. 19071011584)**
- [7] National Programme on Technology Enhanced Learning (NPTEL) course "Transform Calculus and Its Applications to Differential Equations" completed successfully with consolidated score 90 % (Elite + Gold Certificate) (Course credit 3, 1 credit is equivalent to 16 hours of Lerner Engagement). **(Roll No. NPTEL19MA04S51161647)**

AWARDS/FELLOWSHIPS

- [1] Junior Research Fellowship Award of University Grant Commission (UGC), New Delhi.
- [2] Junior Research Fellowship Award of Council of Scientific and Industrial Research (CSIR), New Delhi.
- [3] Best Mathematical Modeling Team Award for the mathematical modeling project on the industrial problem "A Curve-Fitting Problem" in the International Workshop on "Computational PDE: Modeling and Simulation" held during January 3-12, 2011 in Department of Mathematics, IIT-Madras.
- [4] Travel grant to attend the International Conference on Application of Fluid Dynamics 2012, Bostwana by Council of Scientific and Industrial Research (CSIR), New Delhi.

APPOINTMENTS AND TEACHING EXPERIENCES

Institution	Designation	Nature of Appointment	Pay Scale (Rs.)	From	To
V. S. K. University, Ballari	Assistant Professor (Stage-2)	Permanent	15600-39100 AGP 7000	20.10.2016	Till date
V. S. K. University, Ballari	Assistant Professor (Direct)	Permanent	15600-39100 AGP 6000	20.10.2012	19.10.2016
Nagaland University	Assistant Professor (Direct)	Permanent	15600-39100 AGP 6000	Appointed on 08.10.2012	

COURSES TAUGHT

I have taught the following courses of M.Sc. (Mathematics):

1.	Partial Differential Equations	2.	Fluid Mechanics and MHD
3.	Algebra	4.	Measure Theory
5.	Mathematical Methods	6.	Continuum Mechanics

RESEARCH EXPERIENCES

Research Stage	Title of Work/Thesis	University/Institution where work was carried-out
Ph.D. (Sep. 2008-Oct 2012)	Theoretical Study of the Problems of Magnetohydrodynamic Flow in a Rotating Channel	Indian Institute of Technology (ISM) Dhanbad
Project Fellow On UGC Project (Sep. 2008-Aug. 2009)	Investigation of Some Problems of Magnetohydrodynamic Flow of a Viscous Incompressible Electrically Conducting Fluid in a Rotating Medium	Indian Institute of Technology (ISM) Dhanbad

RESEARCH FUNDING

- [1] Project proposal entitled “Mathematical modelling and analysis of electrically and thermally conducting non-Newtonian fluid flow over magnetized surfaces” submitted to the Science and Engineering Research Board (SERB), New Delhi. (File No. MTR/2019/000422) on June 14, 2019.
- [2] Project proposal entitled “Mathematical Modeling of Biomagnetic Fluid Flows: An Application to Hematology” submitted to V. S. K. University, Ballari on April 20, 2019.

RESEARCH GUIDING

Guiding six (06) students for research work leading to Ph.D. degree:

S. No.	Name of Student	Admission Date	Ph.D. Status
1.	S. Ghousia Begam	07.04.2014	Awarded (2018)
2.	Naveen Joshi	08.04.2014	Awarded (2019)
3.	C. T. Srinivasa	03.04.2014	Awarded (2019)
4.	Pratima Rohidas	07.04.2014	Submitted Synopsis
5.	Vishwanath S.	20.04.2016	Pursuing
6.	Sunitha K.	20.04.2016	Pursuing

RESEARCH PAPERS PUBLISHED/ACCEPTED/COMMUNICATED

- [1] **J. K. Singh**, G. S. Seth, Naveen Joshi and C. T. Srinivasa (2020). “Mixed convection flow of a viscoelastic fluid through a vertical porous channel influenced by a moving magnetic field with Hall and ion-slip currents, rotation, heat radiation and chemical reaction”, Bulgarian Chemical Communications, Vol. 52 (1). **(Accepted, SCI, IF: 0.324, ISSN 0324-1130, UGC J. No. 9429)**
- [2] B. J. Gireesha, C. T. Srinivasa, N. S. Shashikumar, Madhu Macha, **J. K. Singh** and B. Mahanthesh (2019), Entropy generation and heat transport analysis of casson fluid flow with viscous and joule heating in an inclined porous microchannel, Proc. IMechE Part E: Journal Process Mechanical Engineering, **(SCI, IF: 1.211, ISSN 0954-4089)**
<https://doi.org/10.1177/0954408919849987>

- [3] C. T. Srinivasa, **J. K. Singh**, B. J. Geerasha and M. Archana (2019). "Effects of variable fluid property on magnetohydrodynamic flow of nanofluid past a flat plate", Journal of Nanofluids, Vol. 8(3), pp. 520-525. **(ESCI, SCOPUS, ISSN 2169-432X, UGC J. No. 48725)** <https://doi.org/10.1166/jon.2019.1608>
- [4] C. T. Srinivasa, **J. K. Singh**, B. J. Geerasha and M. Archana (2019). "Heat and mass transfer analysis of Casson nanofluid flow past static/moving vertical plate with heat radiation", Journal of Nanofluids, Vol. 8(3), pp. 543-549. **(ESCI, SCOPUS, ISSN 2169-432X, UGC J. No. 48725)** <https://doi.org/10.1166/jon.2019.1618>
- [5] **J. K. Singh**, S. Ghouisia Begum and G. S. Seth (2018). "Influence of Hall current and Wall Conductivity on Hydromagnetic Mixed Convective Flow in a Rotating Darcian Channel", Physics of Fluids, **30**, 113602 (12 pages). **(SCI, IF: 2.61, ISSN 1070-6631, UGC J. No. 30841)** <https://doi.org/10.1063/1.5054654>
- [6] **J. K. Singh**, G. S. Seth and P. Rohidas (2018). "Impacts of time varying wall temperature and concentration on MHD free convective flow of a rotating fluid due to moving free-stream with Hall and ion-slip currents", American Journal of Heat and Mass Transfer. **(Accepted, SCOPUS, ISSN 2374-5398)**
- [7] **J. K. Singh**, Naveen Joshi and Pratima Rohidas (2018). "Unsteady MHD Natural Convective Flow of a Rotating Walters'-B Fluid over an Oscillating Plate with Fluctuating Wall Temperature and Concentration", Journal of Mechanics, Vol. 34(4), pp. 529-532. **(SCI, IF: 1.09, ISSN 1727-7191, UGC J. No. 24513)** <https://doi.org/10.1017/jmech.2017.25>
- [8] **J. K. Singh** and C. T. Srinivasa (2018). "Unsteady Natural Convection Flow of a Rotating Fluid Past an Exponentially Accelerated Vertical Plate with Hall current, Ion-slip and Magnetic Effect", Multidiscipline Modeling in Material and Structure, Vol. 14, No. 2, pp. 216-235. **(SCOPUS, ISSN 1573-6105, UGC J. No. 31735)** <https://doi.org/10.1108/MMMS-06-2017-0045>
- [9] **J. K. Singh**, G. S. Seth and S. Ghouisia Begum (2018). "Unsteady MHD Natural Convection Flow of a Rotating Viscoelastic Fluid over an Infinite Vertical Porous Plate Due to Oscillating Free-stream", Multidiscipline Modeling in Material and Structure, Vol. 14, No. 2, pp. 236-260. **(SCOPUS, ISSN 1573-6105, UGC J. No. 31735)** <https://doi.org/10.1108/MMMS-06-2017-0054>

- [10] **J. K. Singh**, Naveen Joshi and C. T. Srinivasa (2017). "Unsteady MHD generalized Couette flow in a rotating channel with induced magnetic field, Hall current and periodically magnetized walls", *Journal of International Academy of Physical Sciences*, Vol. 17(3), pp. 219-239. (ISSN 0974-9373, UGC J. No. 48832) <http://www.iaps.org.in/journal/index.php/journaliaps/article/view/735>
- [11] **J. K. Singh**, P. Rohidas, Naveen Joshi and S. Ghouisia Begum (2017). "Influence of Hall and Ion-slip Currents on Unsteady MHD Free Convective Flow of a Rotating Fluid Past an Oscillating Vertical Plate", *International Journal of Heat and Technology*, Vol. 35, No. 1, pp. 37-52. (SCOPUS, ISSN 0392-8764, UGC J. No. 22878) <http://dx.doi.org/10.18280/ijht.350103>
- [12] **J. K. Singh**, G. S. Seth and S. Ghouisia Begum (2017). "Unsteady MHD Natural Convection Flow of a Rotating Fluid over an Infinite Vertical Due to Oscillatory Movement of the Free-stream with Hall and Ion-slip currents", *Diffusion Foundations*, Vol. 11, pp 146-161. (ISSN 2296-3642, UGC J. No. 44107) <https://doi.org/10.4028/www.scientific.net/DF.11.146>
- [13] G. S. Seth and **J. K. Singh** (2016) "Mixed Convection Hydromagnetic Flow in a Rotating Channel with Hall and Wall Conduction Effects", *Applied Mathematical Modelling*, Vol. 40, pp. 2783–2803. (SCI, IF: 2.5, ISSN 0307-904X, UGC J. No. 15972) <http://dx.doi.org/10.1016/j.apm.2015.10.015>
- [14] **J. K. Singh**, S. Ghouisia Begum and Naveen Joshi (2016). "Unsteady Magnetohydrodynamic Couette-Poiseuille Flow within Porous Plates Filled with Porous Medium in the Presence of a Moving Magnetic Field with Hall and Ion-slip Effects", *International Journal of Heat and Technology*, Vol. 34, No. 1, pp. 89-97. (SCOPUS, ISSN 0392-8764, UGC J. No. 22878) <http://dx.doi.org/10.18280/ijht.340113>
- [15] G. S. Seth, **J. K. Singh**, N. Mahto and Naveen Joshi (2016). "Oscillatory Hartmann Flow in Rotating Channel with Magnetized Walls", *Mathematical Sciences Letters*, Vol. 5, No. 3, pp. 259-269. (ISSN 2090-9616) <http://dx.doi.org/10.18576/msl/050307>
- [16] **J. K. Singh**, Naveen Joshi, S. Ghouisia Begum and C. T. Srinivasa (2016). "Unsteady Hydromagnetic Heat and Mass Transfer Natural Convection Flow Past an Exponentially Accelerated Vertical Plate with Hall Current and Rotation in the Presence of Thermal and Mass Diffusions", *Frontiers in Heat and Mass Transfer*, Vol. 7, 24 (12 pages). (SCOPUS, ISSN 2151-8629, UGC J. No. 17732) <http://dx.doi.org/10.5098/hmt.7.24>

- [17] **J. K. Singh**, S. Ghouisia Begum and Naveen Joshi (2016). "Unsteady MHD Couette-Hartmann Flow Through a Porous Medium Bounded by Porous Plates with Hall Current, Ion-slip and Coriolis Effects", International Journal of Industrial Mathematics, Vol. 8, No. 4, Article ID IJIM-00727, 14 pages. (ISSN 2008-5621, UGC J. No. 45353) http://ijim.srbiau.ac.ir/article_9594_1553.html
- [18] **J. K. Singh**, S. Ghouisia Begum and Naveen Joshi (2015). "Effects of Hall Current and Ion-slip on Unsteady Hydromagnetic Generalised Couette flow in a Rotating Darcian Channel", Journal of Mathematical Modelling, Vol. 3, No. 2, pp. 145-167. (SCOPUS, ISSN 2345-394X, UGC J. No. 47020) http://jmm.guilan.ac.ir/article_1249_72.html
- [19] G. S. Seth, S. Sarkar and **J. K. Singh** (2015). "Hydromagnetic Couette Flow of Class-II in a Rotating System with Hall Effects", OPJIT International Journal of Innovation & Research, Vol. 4, No. 1, pp 1-8. (ISSN 2319-4340) <http://www.journal.opjit.org/volume4.aspx>
- [20] **J. K. Singh**, Naveen Joshi and S. Ghouisia Begum (2015). "Unsteady MHD Hartmann-Couette Flow Due to Time Dependent Movement of the Plate of a Darcian Channel With Hall Current and Ion-slip Effects", International Journal of Fluid Mechanics Research, Vol. 42, No. 6, pp. 463-484. (SCOPUS, ISSN 1064-2277, UGC J. No. 3033) <http://dx.doi.org/10.1615/InterJFluidMechRes.v42.i6.10>
- [21] G. S. Seth and **J. K. Singh** (2013). "Effects of Hall Current on Unsteady MHD Couette Flow of Class-II of a in a Rotating System", Journal of Applied Fluid Mechanics, Vol. 6, No. 4, pp. 473-484. (SCI, IF: 1.09, ISSN 1735-3572, UGC J. No. 21387) <http://www.jafmonline.net>
- [22] G. S. Seth, **J. K. Singh** and G. K. Mahato (2013). "Hall Effects on Unsteady Magnetohydrodynamic Couette Flow within a Porous Channel Due to Accelerated Movement of one of Its Plates", Journal of Nature Science and Sustainable Technology, Vol. 7, No. 3, pp. 271-290. (ISSN 1933-0324) http://www.novapublishers.com/catalog/product_info.php?products_id=44256
- [23] G. S. Seth and **J. K. Singh** (2013). "Hall Effects on Unsteady MHD Couette Flow in a Rotating System in the Presence of an Inclined Magnetic Field", Journal of Magnetohydrodynamics, Plasma and Space Research, Vol. 18, No. 1, pp. 51-73. (ISSN 1083-4729) http://www.novapublishers.com/catalog/product_info.php?products_id=42059

- [24] G. S. Seth, G. K. Mahato, S. Sarkar and **J. K. Singh** (2013). "Oscillatory Hydromagnetic Couette Flow in a Rotating System with Induced Magnetic Field", Journal of Magnetohydrodynamics, Plasma and Space Research Vol. 18, No. 1, pp. 75-91 (**ISSN 1083-4729**) http://www.novapublishers.com/catalog/product_info.php?products_id=42059
- [25] G. S. Seth and **J. K. Singh** (2012). "Unsteady MHD Couette Flow of Class-II of a Viscous Incompressible Electrically Conducting Fluid in a Rotating System", International Journal of Applied Mechanics and Engineering, Vol. 17, No. 2, pp. 495-512. (**SCOPUS, ISSN 1734-4492, UGC J. No. 2572**) <http://www.degruyter.com/view/j/ijame>
- [26] G. S. Seth, **J. K. Singh** and G. K. Mahato (2012). "Effects of Hall Current and Rotation on Unsteady Hydromagnetic Couette Flow within a Porous Channel", International Journal of Applied Mechanics, Vol. 4, No. 2, 1250015 (25 pages). (**SCI, IF: 1.624, ISSN 1758-8251, UGC J. No. 2971**) <http://dx.doi.org/10.1142/S1758825112500159>
- [27] G. S. Seth, G. K. Mahato and **J. K. Singh** (2012). "Combined Free and Forced Convection Couette-Hartmann Flow in a Rotating System with Hall Effects", Journal of Nature Science and Sustainable Technology, Vol. 6, No. 3, pp. 125-150. (**ISSN 1933-0324**) http://www.novapublishers.com/catalog/product_info.php?products_id=40189
- [28] G. S. Seth and **J. K. Singh** (2011). "Steady Hydromagnetic Couette Flow in a Rotating System with Non-Conducting Walls", International Journal of Engineering Science and Technology, Vol. 3, No. 2, pp. 146-156. (**ISSN 2141-2820, UGC J. No. 2977**) <http://dx.doi.org/10.4314/ijest.v3i2.68142>
- [29] G. S. Seth, S. M. Hussain and **J. K. Singh** (2011). "MHD Couette Flow of Class-II in a Rotating System", Journal of Applied Mathematics and Bioinformatics, Vol. 1, No. 1, pp. 31-54. (**ISSN 1792-6602**) <http://www.scienpress.com/download.asp?ID=105>
- [30] G. S. Seth, **J. K. Singh** and G. K. Mahato (2011). "Unsteady Hydromagnetic Couette Flow within a Porous Channel with Hall Effects", International Journal of Engineering Science and Technology, Vol. 3, No. 6, pp. 172-183. (**ISSN 2141-2820, UGC J. No. 2977**) <http://dx.doi.org/10.4314/ijest.v3i6.14>
- [31] G. S. Seth, G. K. Mahato and **J. K. Singh** (2011). "Effects of Hall Current and Rotation on MHD Couette Flow of Class-II", Journal of International Academy of Physical Science, Vol. 15, pp. 213-230. (**ISSN 0974-9373, UGC J. No. 48832**) <http://www.iaps.in/journal/index.php/index>

- [32] G. S. Seth and J. K. Singh (2011). "Effects of Hall Current and Rotation on Unsteady MHD Couette Flow within a Porous Channel in the Presence of a Moving Magnetic Field", Journal of Nature Science and Sustainable Technology, Vol. 5, No. 4., pp. 263-283. (ISSN 1933-0324)
http://www.novapublishers.com/catalog/product_info.php?products_id=31625
- [33] J. K. Singh, G. S. Seth, S. Ghousia Begum and S. Vishwanath (2019). "Hydromagnetic free convective flow of Walters'-B fluid over a vertical surface with time varying surface conditions", World Journal of Engineering. (Communicated, ESCI, SCOPUS, ISSN 1708-5284)
- [34] J. K. Singh, G. S. Seth and S. Vishwanath (2019). "Impacts of the periodic wall conditions to the hydromagnetic convective flow of viscoelastic fluid through a vertical channel with Hall current and induced magnetic field", Special Topics & Reviews in Porous Media - An International Journal. (Communicated, ESCI, SCOPUS, ISSN 2151-562X)
- [35] C. T. Srinivasa, J. K. Singh, K. Ganesh Kumar and B. C. Prasannakumar, Particle shape effect on thermophysical properties of Cu-water nanofluid over a moving plate in the presence of non-linear radiation: An approach of dual solution, Journal of Nanofluids. (Communicated, ESCI, ISSN 2169-432X, UGC J. No. 48725)

GOOGLE SCHOLAR CITATION

https://scholar.google.co.in/citations?user=_30JQFwAAAAJ&hl=en#

CONFERENCES/SEMINARS

- [1] "Influence of Hall current and Wall Conductivity on Hydromagnetic Mixed Convective Flow in a Rotating Darcian Channel", National Conference on Recent Developments of Mathematics in Industrial Applications, Department of PG Studies and Research in Mathematics, Kuvempu University, Shivamoga (Karnataka), April 11-12, 2019 (Invited Talk).
- [2] "Unsteady MHD Natural Convective Flow of a Rotating Walters'-B Fluid over an Oscillating Plate with Fluctuating Wall Temperature and Concentration" 21th International Conference of International Academy of Physical Sciences (CONIAPS-XXI), Department of Mathematics, Guru Jambheshwar University of Science & Technology, Hisar-125001 (Haryana), October 28-30, 2017 (Oral Presentation).

- [3] "Unsteady MHD natural convection flow of a rotating viscoelastic fluid over an infinite vertical porous plate due to oscillating free-stream", 20th International Conference of International Academy of Physical Sciences (CONIAPS-XX), Faculty of Science (Departments of Mathematics, Physics and Chemistry), Osmania University, Hyderabad, (INDIA), July 14-16, 2017 **(Oral Presentation)**.
- [4] "Influence of Hall current and Wall Conductance on Hydromagnetic Mixed Convective Generalized Couette Flow with Heat Transfer in a Rotating Darcian Channel", International Conference on Applications of Fluid Dynamics (ICAFD)", Department of Applied Mathematics, Indian Institute of Technology (ISM), Dhanbad, INDIA, December 19-21, 2016 **(Oral Presentation)**.
- [5] International Conference on Emerging Trends in Mathematical Sciences organized by DOS in Mathematics, V. S. K. University, Bellary from July 25-26, 2014. **(Co-Convener)**
- [6] Participated in "National Seminar on National Integration" organized by UGC Academic Staff College, Aligarh Muslim University, Aligarh on December 15, 2013.
- [7] "Hall Effects on Unsteady MHD Couette Flow in a Rotating System in the Presence of an Inclined Magnetic Field", Conference on Recent Trends in Mathematics & Statistics, Department of Mathematics & Statistics, DDU Gorakhpur University, Gorakhpur (INDIA), March 12-13, 2012 **(Oral Presentation)**.
- [8] "Effects of Hall Current on Unsteady Hydromagnetic Couette Flow within a Porous Channel Due to Accelerated Movement of the Plate", National Meet of Research Scholars in Mathematical Sciences, Department of Mathematics, IIT-Kharagpur (INDIA), October 12-15, 2011 **(Oral Presentation)**.
- [9] International Conference on Fluid Dynamics and Applications, B. N. M. Institute of Technology, Bangalore (INDIA), July 20-22, 2011 **(Attended)**.
- [10] "Unsteady Hydromagnetic Couette Flow within a Porous Channel with Hall Effects", 13th International Conference of the International Academy of Physical Sciences, University of Petroleum and Energy Studies, Dehradun (INDIA), June 14-16, 2011 **(Oral Presentation)**.
- [11] "Effects of Hall Current and Rotation on Unsteady Hydromagnetic Couette Flow within a Porous Channel", National Conference on Recent Trends in Pure & Applied Mathematics, Department of Mathematics & Statistics, DDU Gorakhpur University, Gorakhpur (INDIA), June 24-25, 2011 **(Oral Presentation)**.

- [12] "Steady Magnetohydrodynamic Couette Flow in a Rotating Medium", National Seminar on Recent Advances in Theoretical and Applied Seismology, Department of Applied Mathematics, ISM, Dhanbad (INDIA), March 27-28, 2009 **(Oral Presentation)**.

WORKSHOPS /REFRESHER COURSES/ORIENTATION COURSES/STTP'S

- [1] Participated in 21 days residential training program equivalent to refresher course on "University and PG College MSc Teachers Training Program in Mathematics" organized by Centre of Excellence in Science and Mathematics Education, Indian Institute of Science, Challakere Campus at Kudapura, Chitradurga, Karnataka during June 16, 2019 to July 06, 2019. Based on the test conducted, I placed in the grade 'A'. **(Refresher Course)**
- [2] Participated in "Instructional School for Teachers (IST)-Analysis and PDE" organized by National Centre for Mathematics, Mumbai in Indian Institute of Science (IISc), Bangalore during May 06-18, 2019.
- [3] Lectures on the topic "Partial Differential Equations and Complex Integrations" in the Special lecture series organized by IQAC, Vidyavathi Govt. First Grade College, Hiriyur, March 26-27, 2017. **(Invited Lectures)**
- [4] Special lecture on "Differential and Difference Equations and Z-Transform" Department of Mathematics, School of Advanced Sciences, VIT University, Vellore, 9th November 2016. **(Invited Lectures)**
- [5] Participated in Refresher Course in Soft Skill for Professional Excellence organized by HRDC, University of Hyderabad, Hyderabad, June 17-July 07, 2016 and obtained 'A' grade. **(Refresher Course)**
- [6] Workshop on "NET/SET/GATE Examination in Mathematical Sciences", Dept. of Mathematics, V. S. K. University, Ballari, March 22-25, 2016. **(Invited Lectures)**
- [7] Workshop on "IAS/KAS Examination Preparation" organized by V. S. K. University, Ballari in association with Youth Red Cross Unit, March 01-31, 2015. **(Invited Lectures)**
- [8] Faculty Workshop on Modernizing Syllabus organized by V. S. K. University, July 6-7, 2015. **(Attended)**
- [9] Delivered three invited lecture entitled "Magnetohydrodynamics and its Application" in National level Short Term Training Programme (STTP) on "Mathematical Modeling in

Science and Engineering” organized by Department of Mathematics, National Institute of Technology, Raipur from July 02-06, 2014. **(Invited Lectures)**

- [10] Participated in “National Environmental Awareness Campaign on Biodiversity Conservation” organized by UGC Academic Staff College, Aligarh Muslim University, Aligarh from December 19-20, 2013.
- [11] “Coaching of UGC-CSIR-NET/K-SET Exam” organized by PG Dept. of Mathematics, Basaveshwara Science College, Bagalkot, October 21-26, 2013. **(Invited Lectures)**
- [12] Participated in CXXVII-Orientation Programme organized by UGC Academic Staff College, Aligarh Muslim University, Aligarh from December 03-26, 2013 and obtained ‘A’ grade. **(Orientation Programme)**
- [13] International Workshop on Computational PDE: Modeling and Simulation, Department of Mathematics, IIT-Madras, Chennai (INDIA), January 3-12, 2011.
- [14] National Workshop cum Training program on Advanced Numerical Technique and Applications, DST-Centre for Interdisciplinary Mathematical Science, Banaras Hindu University (BHU), Varanasi (INDIA), June 29-July 11, 2009.

EDITORIAL BOARD MEMBER/REVIEWER OF JOURNALS

S. No.	Name of the Journal	Editorial Board/Reviewer
1.	Mathematical Modelling of Engineering Problems (IIETA)	Editorial Board Member
2.	Frontiers in Heat and Mass Transfer	Reviewer
3.	Engineering Science and Technology, an International Journal (Elsevier)	Reviewer
4.	Computer Methods and Programs in Biomedicine (Elsevier)	Reviewer
5.	American Journal of Applied Mathematics	Reviewer
6.	International Journal of Heat and Technology (IIETA)	Reviewer
7.	Proceeding of National Academy of Sciences, Physical Sciences (Springer)	Reviewer
8.	Journal of Porous Media	Reviewer
9.	Defect and Diffusion Forum (Scientific.Net)	Reviewer

10.	Propulsion and Power Research (Elsevier)	Reviewer
11.	International Journal of Applied and Computational Mathematics (Springer)	Reviewer

MEMBER OF PROFESSIONAL BODIES

S. No	Name of the professional body	Membership No.
1.	International Association of Engineers (IAENG), Hong Kong.	109412 (Life Member)
2.	Indian Society of Mathematics and Mathematical Sciences (ISMAMS), Gorakhpur (India).	LM/318 (Life Member)
3.	Indian Mathematical Society, Pune (India)	L/2016/22 (Life Member)
4.	Society of Applied Mathematics (SAM), Department of Applied Mathematics, Indian School of Mines, Dhanbad (Jharkhand), India.	SAM/AM/2010-11/19

ADMINISTRATIVE WORK PERFORMED

- [1] Coordinator, Department of Mathematics, V. S. K. University P. G. Center, Ballari. (2012-2014)
- [2] Chairman, BOE, Ph.D Course Work Examination, Department of Mathematics, V. S. K. University, Ballari. (2018-19)
- [3] Chairman, Board of Examiners, Department of Mathematics, V. S. K. University, Ballari. (2017-18)
- [4] Chairman, Board of Examiners, Department of Computer Science, V. S. K. University, Ballari. (2018-19)
- [5] Custodian for P.G. Evaluation Science, V. S. K. University, Ballari. (2017)
- [6] Member of the Doctoral Committee, Department of Mathematics, V. S. K. University, Ballari. (2014-Til date)
- [7] Assistant Coordinator, IQAC, V. S. K. University, Ballari. (2017-Til date)
- [8] Member of the local inquiry committee (LIC) for affiliation of college under V. S. K. University, Ballari.
- [9] Acted as local observer for K-SET examination in V. S. K. University, Ballari center.

PERSONAL INFORMATION

Father's Name : Vishwa Nath Singh
Mother's Name : Chandrakanti Singh
Date of Birth : 1st August Nineteen Hundred Eighty One (01-08-1981)
Birth Place : Ballia (U. P.), INDIA
Gender : Male
Marital Status : Married
Spouse : Akanksha Singh
Nationality : Indian
Languages (Read, write and speak): English, Hindi and Kannada (Learning).

(Jitendra Kumar Singh)