Curriculum-vitae

Profile URL : https://vidwan.inflibnet.ac.in//profile/582912

1. Name in Block Letters : SAMIR KUMAR NANDY

2. Designation & Name of the institution in which he employed : Associate Professor
Department of Mathematics
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4 Date of Birth : 07.08.1973

5 Category : General

6 Date of joining in the Present College :06.01.2001

7. Educational Qualification:

Degree	Subject	Year	University/Institution	Class/Rank
U.G	Mathematics	1994	Burdwan University	1st
P.G	Applied Mathematics	1996	Burdwan University	1st Class 1st
Ph.D	Mathematics	2013	Visva-Bharati	N.A
Others: NET (CSIR) SLET GATE	Mathematics	 1999 1998 1998		

8 Particulars of Ph.D. Thesis

i) Title of the Thesis: Studies on Several Momentum, Heat Transfer and Stability Problems in MHD Flows of Newtonian & non-Newtonian Fluids

ii) Branch of Subject in which Ph.D is obtained : Computational Fluid Dynamics

iii) Name of the Supervisor: Prof. Tapas RayMahapatra

iv) Date of award of the Ph. D. :13.04.2013

9. Experience:

i) Teaching : UG: 23 Years, Permanent Full time Teacher in Mathematics

ii) Research : 12 Years

10. Whether engaged/completed any Project or Research Programme : Completed UGC sponsored Minor Research Project in 2016

12. No. of Research Papers published in Referred Journals (National/International) : Total 35 Research Papers published in different International Journals. (for details, please see the Annexure)

13. Any other information : Nil

Name of the Faculty: Dr. Samir Kumar Nandy

Papers in Journals

SL. No.	Title with author name(s) in order as published	Journal Name, Vol. with page number, Year	Publisher & ISSN (if any)	Whether peer reviewed and/or UGC listed, Impact Factor (if any), Citation(s) (if any)	No. of co-author(s)	DOI
1.	Magnetohydrodynamic Stagnation-point flow of a Power-law fluid towards a stretching surface, S.K. Nandy	*International Journal of Non-Linear Mechanics,* 44(2), 124-129, 2009	Elsevier 0020-7462	peer Reviewed UGC-APPROVAL IF2.8 Citations: 108	03	https://doi.org/10.1016/j.ijnonlinmec.2008.09.005
2.	Analytical solution of Magnetohydrodynamic Stagnation-point flow of a Power-law fluid towards a stretching surface, S.K. Nandy	*Applied Mathematics and Computation*, 215(5), 1696-1710, 2009	Elsevier 0096-3003	peer Reviewed UGC-APPROVAL IF3.5 Citations: 51	03	https://doi.org/10.1016/j.amc.2009.07.022
3.	Dual solutions of MHD Stagnation-point flow towards a stretching surface, S.K. Nandy	*Engineering*, 2010				
4.	Stability analysis of fluid flow over a nonlinearly stretching sheet, S.K. Nandy	*Archive of Applied Mechanics*, 81, 1087-1091, 2011	Springer 1432-0681	peer Reviewed UGC-APPROVAL IF2.2 Citations: 25	04	https://doi.org/10.1007/s00419-010-0423-x
5.	Momentum and Heat transfer in MHD Stagnation-point flow over a shrinking	*Trans. ASME, Journal of Applied Mechanics*,	ASME 0021-8936	peer Reviewed UGC-APPROVAL IF2.6 Citations: 42	03	https://doi.org/10.1115/1.4002577

	surface, S.K. Nandy	78(2), 021015, 2011				
6.	Unsteady Stagnation-point flow and heat transfer over an unsteady shrinking surface, S.K. Nandy	*International Journal of Applied Mathematics and Mechanics,* 2011	0973-0184	peer Reviewed UGC-APPROVAL IF Citations: 09	02	
7.	Stability analysis of dual solutions in stagnation-point flow and heat transfer over a power-law shrinking surface, S.K. Nandy	*International Journal of Nonlinear Science,* 12(1), 86-94, 2011	1749-3897	peer Reviewed UGC-APPROVAL IF Citations: 29	02	
8.	Heat transfer in the magnetohydrodynamic flow of a power-law fluid past a porous flat plate with suction or blowing, S.K. Nandy	*International Communications in Heat and Mass Transfer*, 39(1), 17-23, 2012	Elsevier 0735-1933	peer Reviewed UGC-APPROVAL IF6.4 Citations: 11	03	https://doi.org/10.1016/j.icheatmasstransfer.2011.09.014
9.	Oblique Stagnation-point flow and heat transfer towards a shrinking sheet with thermal radiation, S.K. Nandy	*Meccanica,* 47, 1325-1335, 2012	Springer 1572-9648	peer Reviewed UGC-APPROVAL IF1.9 Citations: 51	03	https://doi.org/10.1007/s11012-011-9516-z
10.	Dual solutions for the MHD stagnation-point flow of a power-lawfluid over a shrinking sheet, S.K. Nandy	*Journal of Applied Mechanics,* 79(2), 024503, 2012	ASME 0021-8936	peer Reviewed UGC-APPROVAL IF2.6 Citations: 10	04	https://doi.org/10.1115/1.4005584
11.	Stability analysis of	*Meccanica*,	Springer	peer Reviewed	04	https://doi.org/10.1

	the dual solutions for stagnation-point flow over a non-linearly stretching surface, S.K. Nandy	47, 1623-1632, 2012	1572-9648	UGC-APPROVAL IF1.9 Citations: 32		007/s11012-012-9541-6
12.	Effect of radial temperature gradient on the stability of Taylor Dean flow between two concentric rotating cylinders, S.K. Nandy	*International Journal of Heat and Mass Transfer,* 57(2), 662-670, 2013	Elsevier 0017-9310	peer Reviewed UGC-APPROVAL IF5.0 Citations: 04	03	https://doi.org/10.1016/j.ijheatmasstransfer.2012.10.065
13.	Momentum and Heat transfer in MHD axi-symmetric stagnation-point flow over a shrinking sheet, S.K. Nandy	*Journal of Applied Fluid Mechanics,* 6(1), 121-129, 2013	1735-3645	peer Reviewed UGC-APPROVAL IF1.0 Citations: 19	02	https://doi.org/10.36884/jafm.6.01.19505
14.	Stability of dual solutions in stagnation-point flow and heat transfer over a porous shrinking sheet with thermal radiation, S.K. Nandy	*Meccanica*, 48, 23-32, 2013	Springer 1572-9648	peer Reviewed UGC-APPROVAL IF1.9 Citations: 61	02	https://doi.org/10.1007/s11012-012-9579-5
15.	Slip effects on unsteady stagnation-point flow and heat transfer over a shrinking sheet, S.K. Nandy	*Meccanica*, 48, 1599-1606, 2013	Springer 1572-9648	peer Reviewed UGC-APPROVAL IF1.9 Citations: 35	02	https://doi.org/10.1007/s11012-012-9688-1
16.	Effects of Slip and Heat generation/absorption on MHD	*International Journal of Heat and Mass*	Elsevier 0017-	peer Reviewed UGC-APPROVAL IF5.0	02	https://doi.org/10.1016/j.ijheatmasstransfer.2013.05.040

	Stagnation Flow of Nanofluid past a Stretching/shrinking Surface with convective boundary conditions, S.K. Nandy	*Transfer,* 64. 1091-1100, 2013	9310	Citations: 142		
17.	Analytical Solution of MHD Stagnation-Point Flow and Heat Transfer of Casson Fluid over a Stretching Sheet with Partial Slip, S.K. Nandy	*ISRN Thermodynamics,* 2013, 108264, 2013	Hindawi 2090-5211	peer Reviewed UGC-APPROVAL IF Citations: 64	01	http://dx.doi.org/10.1155/2013/108264
18.	Effects of Magnetic Field and Thermal Radiation onStagnationFlow and Heat Transfer of a Power-Law Fluidover a Shrinking Sheet, S.K. Nandy	International Journal of Engineering Mathematics, 2013, 187195, *2013*	Hindawi 2314-6109	peer Reviewed UGC-APPROVAL IF Citations: 01	01	http://dx.doi.org/10.1155/2013/187195
19.	Effects of Magnetic field and thermal radiation on stagnation flow and heat transfer of nanofluid over a shrinking surface, S.K. Nandy	*International Communications in Heat and Mass Transfer,* 53, 50-55, 2014	Elsevier 0735-1933	peer Reviewed UGC-APPROVAL IF6.4 Citations: 01	01	https://doi.org/10.1016/j.icheatmasstransfer.2014.02.010
20.	Viscous Flows Driven by Uniform Shearover a Porous Stretching Sheet in the Presence of Suction/Blowing, S.K. Nandy	*Journal of Fluids,* 2014, 06846, 2014	Hindawi 2314-6826	peer Reviewed UGC-APPROVAL IF Citations: 01	02	http://dx.doi.org/10.1155/2014/206846

21.	Dual Solutions in MHD Stagnation-point Flow and Heat Transfer over a Shrinking Surface with Partial Slip, S.K. Nandy	*Journal of Heat Transfer*, 136(10), 104501,2014	ASME 1528-8943	peer Reviewed UGC-APPROVAL IF2.8 Citations: 19	03	https://doi.org/10.1115/1.4024592
22.	Unsteady MHD boundary-layer flow and heattransfer of nanofluid over a permeable shrinking sheet in the presence of thermal radiation, S.K. Nandy	*Alexandria Engineering Journal,* 53(4), 929-937, 2014	Elsevier 1110-0168	peer Reviewed UGC-APPROVAL IF6.2 Citations: 41	03	https://doi.org/10.1016/j.aej.2014.09.001
23.	Effect of Magnetic Field on Indirect Natural Convection Flow above a Horizontal Hot Flat Plate, S.K. Nandy	*Frontiers in Heat and Mass Transfer,* 5(1), 1-15, 2014	2151-8629	peer Reviewed UGC-APPROVAL IF Citations: 08	03	https://doi.org/10.5098/hmt.5.15
24.	Unsteady flow of Maxwell Fluid in the presence of Nanoparticlestoward a permeable shrinking surface with Navier Slip, S.K. Nandy	*Journal of the Taiwan Institute of Chemical Engineers,* *52, 22-30,* 2015	Elsevier 1876-1070	peer Reviewed UGC-APPROVAL IF5.5 Citations: 36	01	https://doi.org/10.1016/j.jtice.2015.01.025
25.	Unsteady separated stagnation-point flow over a moving porous platein the presence of a variable magnetic field, S.K. Nandy	*European Journal of Mechanics B-Fluids,* *53, 229-240, 2015*	Elsevier 0997-7546	peer Reviewed UGC-APPROVAL IF2.5 Citations: 05	03	https://doi.org/10.1016/j.euromechflu.2015.05.003

26.	MHD Stagnation-Point Flow and Heat Transfer of Nanofluid over a Shrinking Surface, S.K. Nandy	*Journal of Nano-science and Nano-engineering*, 2015	1533-4880	peer Reviewed UGC-APPROVAL IF Citations: 04	02	
27.	MHD boundary layer flow and heat transfer of Jeffrey Nanofluid over an unsteady shrinking sheet with Partial slip, S.K. Nandy	Journal of Nanofluids, 6(2), 343-353, 2017	ASP 2169-4338	peer Reviewed UGC-APPROVAL IF Citations: 08	04	https://doi.org/10.1166/jon.2017.1312
28.	MHD Flow and Heat Transfer of Maxwell Nanofluid Over an Unsteady Permeable Shrinking Sheet with Convective Boundary Conditions, S.K. Nandy	Journal of Nanofluids, 7(5), 995-1003, 2018	ASP 2169-4338	peer Reviewed UGC-APPROVAL IF Citations: 07	03	https://doi.org/10.1166/jon.2018.1506
29.	A model for entropy generation in stagnation- point flow of non-Newtonian Jeffrey, Maxwell, and Oldroyd-B nanofluids, S.K. Nandy	Heat Transfer—Asian Res., 48(1), 24-41, 2019	Willey 2688-4542	peer Reviewed UGC-APPROVAL IF 2.8 Citations: 28	05	https://doi.org/10.1002/htj.21366
30.	Thermophysical analysis of three-dimensional magnetohydrodynamic flow of a tangent hyperbolic nanofluid, S.K. Nandy	Engineering Reports, 2(4), e12144, 2020	Willey 2577-8196	peer Reviewed UGC-APPROVAL IF 1.8 Citations: 35	05	https://doi.org/10.1002/eng2.12144
31.	Scrutinization of Unsteady	Journal of	ASP	peer Reviewed	02	https://doi.org/10.1

	Magnetohydrodynamics Williamson Nanofluid Flow and Heat Transfer Past a Permeable Shrinking Sheet, S.K. Nandy	Nanofluids, 12(4), 1095-1106, 2023	2169-4338	UGC-APPROVAL IF Citations: 04		166/jon.2023.1989
32.	Scrutinization of unsteady MHD fluid flow and entropy generation: Hybrid nanofluid model, S.K. Nandy	Journal of Computational Mathematics and Data Science, 6, 100074,2023	Elsevier 2772-4158	peer Reviewed UGC-APPROVAL IF Citations: 13	04	https://doi.org/10.1016/j.jcmds.2023.100074
33.	The unified impact of thermal radiation and heat source on unsteady flow of tangent hyperbolic nanofluid through a permeable shrinking sheet, S.K. Nandy	Chemical Engineering Journal Advances 15, 100502, 2023	Elsevier 2666-8211	peer Reviewed UGC-APPROVAL IF 5.5 Citations: 03	02	https://doi.org/10.1016/j.ceja.2023.100502
34.	Dual solutions for nanofluid flow past a moving plate embedded in a Darcy porous medium in attendance of heat source/sink, S.K. Nandy	International Journal of Modern Physics B. 38(27), 2450369, 2023	World Scientific 1793-6578	peer Reviewed UGC-APPROVAL IF 2.6 Citations: 00	03	https://doi.org/10.1142/S0217979224503697
35.	Bioconvective MHD flow of Williamson nanofluid past an expandable Riga wedge in the presence of	Numerical Heat Transfer, Part A: Applications, 2023	Willey 1521-0634	peer Reviewed UGC-APPROVAL IF Citations: 03	03	https://doi.org/10.1080/10407782.2023.2263155

	activation energy, mass suction and velocity slip, S.K. Nandy					
36.	Scrutinization of Unsteady Bio-convective Stagnation Slip Flow of Hybrid Nanofluid Past a Riga Wedge in the Presence of Activation Energy and Chemical Reaction, S.K. Nandy	BioNanoScience, **14**, 1482–1501, 2023	Springer 2191-1649	peer Reviewed UGC-APPROVAL IF 3.0 Citations: 00	03	https://doi.org/10.1007/s12668-024-01439-4