

CURRICULAM VITAE

Personal Details:

Name : Dr. Susanta Maity
Phone No. : 9436410270
Email : susanta@nitap.ac.in/susantamaiti@gmail.com
Date of Joining at NIT AP : 16.09.2013

Educational Details:

Sl No.	Examination Passed	Year of Passing	Institute/University
1.	Madhyamik	1997	West Bengal Board of Secondary Education
2.	Higher Secondary (H.S.)	1999	West Bengal Council of Higher Secondary Education
3.	B.Sc.(Hons.) in Mathematics	2002	University of Calcutta (Narendrapur R. K. Mission Residential Colle)
4.	M.Sc. in Applied Mathematics	2004	University of Calcutta
5.	Ph. D. in Applied Mathematics (Fluid Mechanics)	2012	University of Calcutta (Research work done at Indian Statistical Institute, Calcutta)

AWARDS

- (i) **JRF-NET** (National Eligibility Test), December 2004 (**CSIR**)
(ii) **JRF, Indian Statistical Institute, Kolkata under CSIR Fellowship**
(iii) **GATE** (Graduate Aptitude Test in Engineering), 2005. **91.80**
PERCENTILE SCOREAll India Rank: **139**.
(iv) **National Scholarship Scheme (MHRD)**, 2002-2004

Research Interests : Thin film flow, Heat and Mass transfer, MHD, Nanofluid,
Non-Newtonian fluid flow

Thesis Title : Development of thin liquid film on a surface

Name of Supervisor : Prof. B. S. Dandapat, Indian Statistical Institute, Kolkata

Teaching Experience:

1. Worked as Assistant Professor at **Sikkim Manipal Institute of Technology, Sikkim** from March 2008 to September 2013
2. Now working as Assistant professor at **National Institute of Technology Arunachal Pradesh** from September 2013.

Journal Publication Details:

1. R. Krishanan, **S. Maity** and B. S. Dandapat, Unsteady flow of Casson liquid film on a stretching sheet with radiative heat transfer, **Surface Review and Letters**, Dec 30, 2019 (Accepted for publication).
2. B.S. Dandapat, **S. Maity** and S.K. Singh, Thin double-layer film development over a flat stretching sheet, **Zeitschrift für angewandte Mathematik und Physik (ZAMP)** 69 (4), Volume:109, 2018.
3. B.S. Dandapat, **S. Maity**, S. K. Singh, “Two-layer film flow on a rough rotating disk in the presence of air shear”, **Acta Mechanica**, volume: 228 (11), 4055-4065, 2017.
4. B. S. Dandapat, S. K. Singh and **S. Maity**, “Thin film flow of bi-viscosity fluid over an unsteady stretching sheet: An analytical solution”, **Int. J. Mechanical Sciences**, volume: 130, 367-374, 2017.
5. **S. Maity**, “Thermocapillary flow of thin Cu-water nanoliquid film during spin coating process”, **Int. Nano Letters**, volume: 7 (1), 9-23, 2017.
6. **S. Maity**, S. K. Singh, A. V. Kumar, “Unsteady three dimensional flow of Casson liquid film over a porous stretching sheet in presence of uniform transverse magnetic field and suction/injection”, **J. Mag. & Magnetic Materials**, volume: 419, 292-300, 2016.
7. **S. Maity**, Y Ghatani and B. S. Dandapat, “Thermocapillary flow of a thin nanoliquid film over an unsteady stretching sheet”, **ASME J. Heat Transfer**, volume: 138, 041501(1-8), 2016.
8. **S. Maity**, “Unsteady flow of thin nanoliquid film over a stretching sheet in the presence of thermal radiation”, **The European Physical Journal Plus**, volume: 131, 49(1-15), 2016.
9. **S. Maity**, “Thermocapillary flow of thin liquid film over a porous stretching sheet in presence of suction/ injection”, **Int. J. Heat and Mass Transfer**, volume: 70, 819–826, 2014.
10. B.S. Dandapat and **S. Maity**, “Effects of air-flow and evaporation on the development of thin film over a rotating annular disk”, **Int. J. Non-Linear Mechanics**, volume: 44, 877-882, 2009.
11. B. S. Dandapat, **S. Maity** and A. “Kitamura Liquid film flow due to an unsteady Stretchingsheet”, **Int. J. Non-Linear Mechanics**, volume: 43, 880-886, 2008.
12. B. S. Dandapat and **S. Maity**, “Flow of a thin liquid film on an unsteady stretching sheet”, **Physics of Fluids**, 18, 102101, 2006.

Conference Publication Details:

1. S. Maity, B. S. Dandapat, “Effect of magnetic field on the thin film flow over a rough rotating disk”, *2nd Research Summit, NIT, Arunachal Pradesh*, 3-4th, June, 2016.

Workshop/Conference organized:

1. **Convener** of the Faculty Development Programme on Science and Technology, 18th – 22nd November, 2019, organized by the Department of Basic and Applied Science, NIT Arunachal Pradesh.
2. Co-Convener of International Conference on New Vistas In Pure & Applied Mathematics and Statistics (ICNVPAMS-2019), 24th -26th November, 2019, organized jointly by the Department of Mathematics, University of Rajasthan, Jaipur and Department of Basic and Applied Science, NIT Arunachal Pradesh.

Research Projects:

Sl. No.	Title	Funding Agency	Cost(Rs)	Role as PI/ Co-PI	Status
1.	Studies of unsteady thin nanoliquid film development on a surface	NIT, Arunachal Pradesh	5,00,000	P.I.	Completed
2.	Analytical and numerical investigation of unsteady thin film flow over a porous stretching surface	SERB	6,04,040	P.I.	Sanctioned And ongoing
3.	Study on some thin film coating flow problems using nanoliquid	CSIR	14,59,080	P.I.	Sanctioned and ongoing

Ph.D. Student guidance:

1. Swatilekha Nag, Supervisor (Ongoing).
2. Palky Handique, Supervisor (Ongoing).
3. Raushan Krishana, Co- Supervisor (Ongoing).