




<b>NAME: DR. BIDYUT SANTRA</b>	
<b>DESIGNATION: ASSISTANT PROFESSOR</b>	
<b>DEPARTMENT: MATHEMATICS</b>	
<b>ACADEMIC QUALIFICATIONS: M.SC(APPLIED MATH.), PH.D(APPLIED MATH.)</b>	
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<b>DATE OF JOINING</b>	25-02-2015
<b>SPECIALIZATION</b>	Advanced Computer Science and Cybernetics(M.Sc), Fluid Mechanics (Ph.D)
<b>TEACHING INTEREST</b>	Real Analysis, Algebra, Numerical Analysis, Computer Programming, LPP
<b>TEACHING EXPERIENCE</b>	22 Years; Earlier worked as Lecturer/Assistant Professor in Jangipur College, Murshidabad (2002-2015)
<b>AWARD/ FELLOWSHIP</b>	JRF(ISI, Kolkata), Teacher Fellowship(UGC), BOYSCAST Fellowship(DST)
<b>MEMBERSHIP</b>	Life Member: Indian Statistical Institute- Council, Kolkata
<b>VIDWAN ID</b>	<a href="https://vidwan.inflibnet.ac.in/profile/533859">https://vidwan.inflibnet.ac.in/profile/533859</a>

**RESEARCH INTEREST:** Thin film flow, Hydrodynamic Stability, Mathematical Modeling, Droplet spreading, Numerical Simulation

**RESEARCH EXPERIENCE:** (i) Worked as JRF & Teacher Fellow in PAMU, ISI, Kolkata during 2001-2002 and 2006-2007 respectively (ii) Worked as a BOYSCAST fellow in Laboratoire FAST, Campus Universitaire (University Paris-Sud), France during 2010-2011

<b>SEMINAR/ WORKSHOP PARTICIPATION</b>	<b>PRESENTED PAPER</b>		<b>ATTENDED</b>		<b>CHAired SESSION</b>	
	<b>NATIONAL</b>	<b>INTERNATIONAL</b>	<b>NATIONAL</b>	<b>INTERNATIONAL</b>	<b>NATIONAL</b>	<b>INTERNATIONAL</b>
	05	02	12	04	Nil	01
<b>PUBLICATIONS</b>	<b>JOURNAL ARTICLES</b>			<b>BOOK/BOOK CHAPTERS</b>		
	09			Nil		

**RESEARCH PUBLICATIONS:** (1) [Thermocapillarity in a liquid film on an unsteady stretching surface, \*Int. J. Heat Mass Trans.\* 46 \(2003\) 3009-3015.](#)  
(2) [Thermal effects on film development during spin coating, \*Physics of fluids\*, 17 \(2005\) 062102 1-6.](#)  
(3) [Gravity-driven film flow with variable physical properties, \*Physics of Fluids\*, 18 \(2006\) 083602 1-6.](#)  
(4) [Transient film profile of thin liquid film flow on a stretching surface, \*Z. angew. Math. Phys. \(ZAMP\)\* 57\(2006\), 623-635](#)  
(5) [The effects of variable fluid properties and Thermocapillarity on the flow of a thin film on an unsteady stretching sheet, \*Int. J. Heat Mass Trans.\* 50 \(2007\) 991-996.](#)  
(6) [Axisymmetric stagnation- point flow over a lubricated Surface, \*Acta Mechanica\*, 194 \(2007\) 1-10.](#)  
(7) [Thin-film flow over a nonlinear stretching sheet, \*Z. angew. Math. Phys. \(ZAMP\)\*, 60 \(2009\) 688-700.](#)  
(8) [Unsteady thin-film flow over a heated stretching sheet, \*Int. J. Heat Mass Trans.\* 52 \( 2009\) 1965-1970.](#)  
(9) [Thin film flow over a non-linear stretching sheet in presence of uniform transverse magnetic field, \*Z. angew. Math. Phys. \(ZAMP\)\*, 61 \(2010\) 685-695.](#)

**RESEARCH PROJECT/COLLABORATION/GUIDANCE:** Completed one UGC sponsored Minor Research Project

**ANY OTHER INFORMATION/ADDITIONAL RESPONSIBILITY:** Convener, Academic Council; Member, IQAC, Sarat Centenary College