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Name: DR. SAJAL KUMAR DAS

Designation & Department: Associate Professor & Mathematics

Academic Qualification

Degree	Name of the institution	Year of passing/obtaining degree
10th	Jhawbari Provincialised School	1982
P. U. Sc.	Bhola Nath College, Dhubri	1984
B.Sc.	Bhola Nath College, Dhubri	1987
M.Sc.	Gauhati university	1889 (Held in 1990)
MPhil	Madurai Kamaraj University	2008
PhD	Gauhati University	2014

Publications in Journals:

a) Names of the paper (International/National/Regional Level):

Sl. No.	Title with Page No.	Journal	ISSN/ISBN No.
1	Visco-elastic effects on free convective flow confined between a long vertical wavy wall and a parallel flat wall of equal transpiration. ❖	International Journal of Applied Engineering Research, Volume 7, Number 7 (2012), pp. 691-706.	ISSN 0973-4562
2	Visco-elastic free convective flow and heat transfer past an oscillating porous plate in the slip flow regime.	Advances in Theoretical and Applied Mathematics, Volume 7, Number 4 (2012), pp. 403-416.	ISSN 0973-4554
3	Visco-elastic unsteady mhd flow between two horizontal parallel plates with hall current.	Journal of Mathematics (IOSR-JM), Volume 5, Issue 1 (Jan. - Feb. 2013), pp. 20-28.	e-ISSN: 2278-5728., p-ISSN: 2319-765X,
4	Visco-elastic mhd oscillatory horizontal channel flow and heat transfer with heat source.	Applied Mathematical and Computational Sciences, , Volume 4, Issue 3, February 2013, pp. 149-168.	ISSN 0976-1586
5	Mixed convective visco-elastic mhd flow with ohmic heating.	International Journal of Computer Applications, Volume 68, Number 10, April 2013. Published by Foundation of Computer Science, New York, USA. BibTeX, pp. 7-13.	(ISBN: 973-93-80874-30-8, ISSN: 0975 - 8887.),

6	Visco-elastic mhd fluid flow over a vertical plate with dufour and soret effect	International Journal of Scientific & Engineering Research, Volume 4, Issue 7, July-2013, pp. 11-17,	ISSN: 2229-5518,
7	Visco-elastic mhd free convective flow through porous media in presence of radiation and chemical reaction with heat and mass transfer	Journal of Applied Fluid Mechanics (JAFM), Volume 7, Number 4, October, 2014, pp.609-614.	ISSN 1735-3572, EISSN 1735-3645.
8	Radiation and soret effect on visco-elastic mhd oscillatory horizontal channel flow with heat and mass transfer in presence of chemical reaction and heat source.	International Journal of Engineering Research and Application (IJERA), Issue 8, (Part-4), August 2016, pp. 39-54.	ISSN 2248-9622
9	Visco-elastic mhd flow with heat and mass transfer past a porous plate in presence of chemical reaction and heat generation	International Research Journal of Mathematics, Engineering & IT (IRJMEIT), Vol. 3, Issue 8, August 2016, pp. 28-43.	ISSN: 2349-0322

Publications in Books:

- a) Names of the Chapters in Books: **Nil**
b) Names of the Books edited: **Nil.**

Publications in Newspaper/Magazine etc:

Sl. No.	Title with Page No.	Journal/Magazine/News Paper	Published by
1	The Interesting Group S_3 : A Perspective, pages 82-85.	Assam College Teachers' Association Journal, Vol. XXVII, 2002-03	Assam College Teachers' Association
2	Ganit Shikshar Prayojanio Dish, page-7	News Paper-'Amar Asom' Vol. 8, Issue No. 119, 18 August, 2004	G.L.Publications Ltd, Guwahati-7
3	Chhatri Nibasara Adhikshakar padto aru Iar Parichalana, pages 19-20.	'Bajalian', the Bajali College Magazine, 2004-05	Bajali College, Pathsala.
4	Computer Byavstha Aru Iar Prabhav, pages 30-32.	'Bajalian', the Bajali College Magazine, 2006-07.	Bajali College, Pathsala.
5	Why One Should study Mathematics, pages 22-24.	'Smritigrantha', the Souvenir of Golden Jubilee Celebration, Jhawbari High School, 2010.	Golden Jubilee Celebration Committee, Jhawbari High School,

Acted as Resource Persons(if any):

Sl. No.	Title of Conference/ Seminar/ Workshop etc.	Organised by	Whether International/National/regional/ state level/ local-university/college level
1	High School Science Teachers' Training Camp on Innovative Science Teaching from 24 th to 29 th Jan., 2000 (as Resource Person)	Assam Science Society at Bajali College, Pathsala Local Level	Local Level
2	Teachers' training Workshop on Science and Mathematics Teaching in Secondary	Assam Science Society at Patacharkuchi Vidyapith (Sponsored by MHRD, Govt.	Local level

	Schools of Assam as Resource Person from 2 nd to 9 th Aug., 2003.	of India)	
3	Innovative Science Teaching Workshop for High School Science Teacher from 4 th to 9 th July, 2005(as Resource Person)	Assam Science Society, Bajali Branch at Bajali College, Pathsala	Local Level
4	Workshop on Excursion in Mathematics Programme, July 2011 (As Resource Person).	Assam Academy of Mathematics sponsored by National Board for Higher Mathematics.	Local
5	One Day Teachers' Orientation/ Training Programme, (As Resource Person) On 29-07-2014.	Gilbert English Medium School, Pathsala, Barpeta, Assam.	Local
6	Workshop cum Teachers' Orientation Programme, (As Resource Person), 01-02 July, 2016	Gilbert English Medium School, Pathsala, Barpeta, Assam.	Local

Workshop/Seminar/Short-term course attended:

Sl. No.	Title of Conference/ Seminar/Workshop etc.	Organised by	Whether International/ National/regional/state level/local-university /college level
1	Orientation Programme for Academic Counsellors of Bachelor of Science from 28 th to 29 th March, 2000.	IGNOU, Guwahati Regional Centre, Guwahati-03	Regional
2	National Level Seminar on Effectiveness of College Education from 12 th to 13 th Feb., 2001.	Bajali College, Pathsala (UGC Sponsored)	National
3	Winter School on Computer Programming, 10-03-2003 to 29-03-2003	Computer & Statistical Service Centre of Indian Statistical Institute, Kolkata at Gauhati University, Guwahati.	University level
4	National seminar on Insurgency in North-East India and Its Impact on Socio-Economy of the Region on 29 Nov., 2004	Kokrajhar Govt. College, Kokrajhar (UGC Sponsored)	National
5	National Seminar on The Need of Entrepreneurship Education in Colleges from 18 th to 19 th Nov., 2005	Bajali College, Pathsala (UGC Sponsored)	National
6	Strengthening quality Collegiate education after provincialisation; An analysis on 3 Feb., 2007	Gauhati University Alumni Association and Bajali College, Pathsala at Bajali College.	State Level
7	Short Term Training Course in Statistics/	A.S.C. Gauhati University	National

	Mathematics (STC-VI), 20-09-2010 to 24-09-2010		
8	The Problems of Teaching and Learning English at the secondary Level and their remedial Measures from 18 th to 19 th Dec., 2009.	Bajali College, Pathsala in Collaboration with Bhawanipur Anchalik College, Bhwanipur at Bajali College	State Level
9	Training on 'C' Programming Language, 21-02-2011 to 25-02-2011	North-East Centre for Research and Development (NECRD), IGNOU	Regional
10	One Day Workshop on Examination Reforms Vis-à-vis Semester System of Education at UG Level, 11 May, 2011.	IQAC, Bajali College, Pathsala	State Level
11	Training Program for Mathematics Teachers and Students, from 10 th to 11 th June, 2011.	Assam Academy of Mathematics in the Dept. of Mathematics, Gauhati University	State Level
12	Review of Reformation Of undergraduate Mathematics Syllabus of Gauhati University from 10 th to 11 th April, 2012.	Department of Mathematics, Gauhati University, Guwahati-781014	State Level
13	National Seminar on Emerging Trends in Chemistry and Technology from 27 th to 28 th June, 2013.	Bajali College, Pathsala (UGC Sponsored)	National
14	National Seminar on The Context of Higher Education in Lifelong from 05-09-2013 to 06-09-2013 at Bajali College, Pathsala.	Department of Economics, Bajali College, Pathsala in collaboration with Assam College Teachers' Association,	National
15	National Level Seminar on RUSA- Its Implication in the North Eastern Region: Problems and Prospects on 11 September, 2014	Barpeta Zone, ACTA in association of Bajali College Unit, ACTA(BCTA) at Bajali College, Pathsala	National
16	National Workshop on Application of Quantitative Techniques in Physical Geography from 1 st July to 3 rd July, 2015	Bajali College, Pathsala	National
17	Three Day Workshop on Biotechnology: A New Avenue of Research from 8 to 10 September, 2015	Bajali College, Pathsala	State Level

Guideship (Yes/No): **No.**

Patent Registered (if any): **Nil.**

Award received (if any): Nil.

Engagements with the College (other than academics): IQAC, AOC in Examination Board (Both College and University/AHSEC), Member of College Election Commission, Question setter in University/ State Body, Superintendent of BCGH from 10-11-2002 to 14-05-2006, and various Committees related to College Authority.

Hobbies/Interests: Reading Newspapers and inclination to News in Electronic Media/ Interests in Live Telecast of Cricket and Football Matches.

Any other relevant Information: Conducting UGC sponsored Minor Research Project titled "Flow Problems in Visco-Elastic Fluids" (No.F.5-44/2015-16/MRP/NERO/1881 dated 27 March, 2016).

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