

Profile of Dr. B. C. Neog, M.Sc, M.Phil, Ph.D.

Principal, Jagiroad College

1. Name : DR. BHABEN CH. NEOG.
2. Father's Name : Sri Jogeswar Neog.
3. Mother's name : Smt. Pramila Neog
4. Designation : Principal
5. Office Address : Office of the Principal, Jagiroad College,
Jagiroad, Morigaon, Assam, PIN-782410.
6. Permanent Address : Dr. Bhaben Ch. Neog, Near ASEB Office, P.O.-
Jagiroad, Dist.- Morigaon, Assam, PIN-78241
Contact No. 94350-64480(M)
7. Date of Birth : 01-07-1968
8. Cast/ Religion : General / Hindu.
9. Nationality : Indian.

10. Academic Attainment:

- i. H.S.L.C. (1984), Narayanpur H.S. School under SEBA
- ii. H.S.S.L.C. (1986), Biswanath College under AHSEC.
- iii. B.Sc. (Mathematics) (1989), N. L. College under Dibrugarh University
- iv. M.Sc. (Applied Maths) (1992), Gauhati University
- v. M.Phil Dissertation Title: Studies of Some Free Convective Heat Transfer Problems in Channels with One Wavy Wall. [Date of Obtaining M.Phil: 29/09/1995], Gauhati University
- vi. Ph.D. Theses Title: Studies of Some Free Convective Heat and Mass Transfer Problems of Incompressible Fluid with or without Thermal Stratification. [Date of obtaining Ph.D. is 28/09/2010], Gauhati University.

11. Other Activities:

- i. Diploma in Computer Programming.
- ii. Established (acted as head-in-charge) and guided successfully the Computer Department in Jagiroad College since 1996. Now offering PGDCA programme.

- iii. Ex. member of Committee of courses & studies in Computer Sc.(G.U.) since 1996.
- iv. Designed and Developed College website prior to NAAC inspection in 2004.
- v. Guided an MCA student of Jorhat Engg. College for his final semester project work.
- vi. Appointed as part-time academic counselor for B.C.A. & B. Sc courses of IGNOU.
- vii. Guided one M. Phil. Student under Vinayaka Mission University.
- viii. Course Coordinator (Hony.) of the most successful Computer Education Center (an NGO) of the greater Jagiroad area under Computer Society of India (CSI), providing low cost computer education to hundreds of people (particular under privileged section) since 2001.

12. Research Experience:

- i. Award of Master of Philosophy and Doctor of Philosophy by Gauhati University.
- ii. Visited China in January, 2009 to present a paper in the conference organized at *Zhejiang Wanli University, Ningbo, China* (10-12 Jan. 2009), by *World Scientific Engineering Academy and Society (WSEAS-HMT09)*.
- iii. Visited Malaysia to present a paper in the *Asian Mathematical Conference (AMC2009)* held at PWTC during 22-26 June, 2009, organized by *South Asian Mathematical Society (SEAMS), Universiti Sains Malaysia, Malaysian Mathematical Society and Ministry of Higher Education, Govt. of Malaysia*.
- iv. Visited USA to present a paper in American Society for Mechanical Engineers Conf. in Nov.2012 held at Hilton Americas Houston, USA
- v. Awarded 1st minor research project by the UGC NER in the year 2008.
- vi. Awarded 2nd minor research project by the UGC NER in the year 2013.
- vii. Presented papers in the following International Conferences
 - i. ICAM-2007 at G.B.Pant University, Nainital, Uttarakhand (Dec, 2007)
 - ii. ICFMA-2008 at Burdwan University, West Bengal (Jan, 2008)
 - iii. ISTAM-2008 at Osmania University, Hyderabad (Dec, 2008.)
 - iv. WSEAS-HMT-09 at ZheJiang Wanli University, China (Jan, 2009)
 - v. AMC-09 at Univ. Sains Malaysia(PWTC), Malaysia.(June, 2009)
 - vi. ICM-10 at HICC (Hyderabad), India(Aug, 2010)
 - vii. ASME conference at Hilton Americas Houston, USA, (Nov, 2012)
- viii. Presented papers in the following National / Regional Conferences
 - i. Indian Science Congress at NEHU, Shillong (Jan, 2009)
 - ii. NCAM-08 at Gauhati University, Guwahati, (Oct, 2008)
 - iii. Assam Sc. Soc. Tech. Session, 2009 at Tezpur Univ., Assam.(Feb, 2009)

- iv. **Advances in Physical and Biological Sciences at Jagiroad College, (April-6-7, 2015)**

13. Teaching Experience:

- i. **One year as UG and PG teaching experience against a FDP vacancy at N. L. College, Assam.**
- ii. **Seventeen years of U.G. teaching experience at Jagiroad College, Assam.**
- iii. **Twelve years Computer teaching experience including PGDCA courses (Founder Head in- charge, department of Computer Science at Jagiroad College).**

14. Administrative Experience:

- i. **Head in-Charge, Computer Department, Jagiroad College (1996- 2003)**
- ii. **Coordinator, IQAC, Jagiroad College (2009-2011)**
- iii. **Principal, Jagiroad College (January,2012 - till date)**

15. Member of various bodies/organizations:

- i. **Life member of Assam Science Society (ASS).**
- ii. **Member, Assam College Principals' Council (ACPS).**
- iii. **Former Member of Assam College Teachers' Association (ACTA).**
- iv. **Life Member of Indian Science News Association (ISNA).**
- v. **Life Member of Assam Academy of Mathematics (AAM)**
- vi. **Life Member of the Indian Science Congress Association (ISCA).**
- vii. **Fellow (F.I.S.C.A) of International Science Community Association.**
- viii. **Executive Member of Assam Science Society (Session 2009-2011)**
- ix. **Former Member of CCS of UG courses of Computer Applications, G.U.**
- x. **"Hitoishi" Member of Assam Sahitya Sabha.**
- xi. **Member of the Editorial Board of the International Peer Reviewed Monthly Journal "Research Journal in Mathematical and Statistical Sciences" published by ISCA (ISSN: 2320-6047).**

16. Publications:

1. **Neog, B. C. And Deka R.K., Unsteady Natural Convection Past a Vertical Plate in a Stably Stratified Fluid with Oscillating temperature. (*Proceedings of National Conference on Advances in Mathematics, G.U., 2008*)**

2. Neog, B. C. and Deka R.K., Unsteady Natural Convection Flow Past an Accelerated Vertical Plate in a Thermally Stratified Fluid, *Theor. Appl. Mech.*, Vol. 36(4), pp. 261-274, Belgrade 2009.
3. Neog, B. C. and Deka R.K., Combined effects of thermal radiation and chemical reaction on free convection flow past a vertical infinite plate in porous medium, *Adv. Appl. Fluid Mech.*, Vol.6(2), pp. 181-195, 2009.
4. Neog, B. C. and Deka R.K., Combined Effect of Thermal Stratification and Radiation on Unsteady Natural Convection MHD Flow Past an Impulsively Started Infinite Vertical Plate in Fluid Saturated Porous Medium. (Presented and published in the Proceedings of 6th International Conference on Heat and Mass Transfer (HMT-09), organized by the World Scientific Engineering Academy and Society's (WSEAS) held at ZheJiang Wanli University, Ningbo, China and published in ISI Book and WSEAS E-Library), ISBN 978-960-474-39-0, ISSN-1790-5095, 2009.
5. Neog, B. C. and Deka R.K., Unsteady Natural Convection Flow Past an Infinite Vertical Oscillating Plate With Thermal Stratification and Radiation in Porous Medium, *Proceedings of 5th Asian Mathematical Conference (AMC-2009)*, Malaysia. P. 492, 2009.
6. Neog, B. C. and Deka R.K., Unsteady MHD Flow Past a Vertical Oscillating Plate With Thermal Radiation and variable mass diffusion, *Chamchury J. Maths.* Vol. 1(2), pp. 79-92, Thailand, 2009.
7. Neog, B. C. and Deka R.K., Influence of Thermal Stratification on Unsteady Natural Convection Flow Past an Infinite Vertical Oscillating Plate in Fluid Saturated Porous Medium, *J. Assam Sc. Soc.* Vol. 50, No. 1-2, pp. 93-102, 2009.
8. Neog, B. C., Unsteady MHD flow past a vertical oscillating plate with variable temperature and chemical reaction. *J. Assam Academy of Mathematics*, Vol.1, pp. 97-109, 2010.
9. Neog, B. C. and Deka R.K., Unsteady Free Convection MHD Flow past an Impulsively Started Infinite Vertical Plate in a Stably Stratified Fluid Saturated Porous Medium, *J. Energy Heat and Mass Tranf.*, Vol. 32, pp. 151-162, 2010.
10. Neog, B. C., Unsteady MHD flow past a vertical oscillating plate with variable temperature and chemical reaction. *J. Assam Academy of Mathematics*, Vol.3, pp. 33-45, 2010.
11. Neog, B. C. and Das R.K., Unsteady Free Convection MHD Flow past a Vertical Plate with Variable Temperature and Chemical Reaction, *Int. J. Engg. Research and Technology*, Vol. 1 (05), 2012.
12. Neog, B. C., Das R.K. and Deka. R.K., Effect of Chemical Reaction on MHD Free Convection Flow past a Vertical Plate with Variable Temperature and Variable Concentration, *Int. J. Sc. & Engg. Res*, Vol. 3, Issue 9, pp 1-5, 2012.
13. Neog, B. C. and Das R.K., Flow past an Electrically Conducting Fluid over a Vertical Oscillating Plate with Chemical Reaction, *IOSR J. Math.* Vol. 2, Issue 1 , pp 12-16, 2012.

14. Neog, B. C. and Deka. R.K., MHD Free Convection Flow Past an Impulsively Started Infinite Vertical Plate With Thermal Stratification and Radiation, Paper No. IMECE2012-85961, pp. 2665-2670; 6 pages doi: 10.1115/IMECE-2012-85961, ASME Conf., Texas, USA.
15. Neog, B. C. and Das R.K., MHD Flow past a Vertical Oscillating Plate with Radiation and Chemical Reaction in Porous Medium, *IOSR J. Math.*, Vol. 11, Issue 1, Ver V (Jan-Feb.), pp 46-50, 2015.
16. Neog, B. C., Das R.K. and Saikia B. J., Heat and Mass Transfer Effect on Free-Convection Flow Past a Moving Vertical Isothermal Plate with Chemical Reaction, *IOSR J. of Applied Physics*, Vol. 7, Issue 3, Ver III (May-Jun.), pp 06-10, 2015.
17. Neog B. C., Solution of Some System of non-linear PDEs using Reduced Differential Transform Method, *IOSR J. Math. Vol. 11, Issue 5 Ver-I, (Sept-Oct), pp 37-44, 2015.*
18. Neog, B. C., Das R.K. and Sarma, Arup Jyoti, Solution of MHD Effect on Transient Free Convection Flow past a Vertical Plate with Variable Temperature and Chemical Reaction of First Order, *IOSR J. of Applied Physics*, Vol. 8, Issue 1, Ver 1 (Jan-Feb.), pp 01-06, 2016.

[b] Other Academic Publications:

- (i) Book authored on “Fundamentals of Computer and C Language”, Year of Publication- 2011.
- (ii) Edited a Book on “Fifty Great Scientists and Mathematicians” jointly during Science Silver Jubilee Celebration in the year 2014.
- (iii) A good number of articles on different topics were published in different Dailies and other News papers and other periodicals published by different agencies of Assam.

17. Organizational activities:

- i. Acted as General Secretary of College Unit of ACTA (2002-2003)
- ii. Acted as Gen. Secretary of Assam Science Society Jagiroad branch (2007-2009).

(During my tenure I have successfully celebrated and organized various days of National and International importance such as- World Env. Day, National Tech. Day, Rajib Gandhi Akshay Urja Divas, State Science Festival, organized Science Model Competition and other competitions in District level with mass participations from student’s community and local people.)

19. Orientation Course / Refresher Course / Seminar / Workshop Attended:

S.No.	Courses Attended	Univ./ Institution
1	Orientation Programme in Mathematics	N.L.College & AHSEC
2	Orientation Course	ASC, G.U.
3	UGC'S Computer Teachers' Training	Burdwan Univ, W.Bengal.
4	UGC'S Computer Teachers' Training	S.P. Univ, Anand, Gujarat.
5	IUCAA's Workshop on Relativity	Tezpur University, Assam.
6	Phani Datta Memorial Lecturer/Workshop	Maths. Dept., G.U.
7	Refresher Course in Mathematics	ASC, G.U.
8	Refresher Course in Computer.	ASC, Andhra University.
9	Spring School on Soft Computing....	G.U. & ISI, Kolkata.
10	UGC sponsored National Seminar....	Jagiroad College, Assam.
11	Refresher Course in Mathematics	ASC, AMU, Aligarh.
12	N.E. School on Computational Info.....	Kohima Sc. College & ISI
13	Refresher Course in Mathematics	ASC, JMU, New Delhi.
14	Workshop on Diff. Equations. (TPODE'05)	IIT, Ghy.
15	State level Workshop on Sc. Writing.....	Kalakshetra, By A.Sc.Soc.
16	Int. Conf. on Adv. in Maths. (ICAM-07)	G.B.Pant Univ, Nainital.
17	Int.Conf. on Frontier of Maths (ICFMA-08)	Burdwan Univ., W.Bengal
18	National Conf. on Adv. in Mathematics.	Maths. Dept, G.U.
19	ISTAM-2008 Conference	Osmania Univ., Hyderabad.
20	Indian Science Congress-2009	NEHU, Shillong.
21	WSEAS Conf. HMT-09	Ningbo, China.
22	Assam Sc. Soc. Annual Tech. Session-09	Tezpur University, Assam.
23.	Asian Mathematical Conference-2009	PWTC, Kuala lum Pur
24.	International Congress of Mathematicians	Hyderabad, India.
25	Teaching-Learning Workshop on Semester System	Kaliabor College
26	ASME Conference	Houston, USA
27	FDP on Skill Based Programmes in Higher Education	XIMIT, Guwahati
28	IFC3 on Cloud Computing	IIT Bhubaneswar and JC
29	New Procedure of NAAC Assessment	Nowgong College, Nagaon
30	Higher Education in NE India w.r.t. RUSA	USTM, Meghalaya

Information given above is all correct to the best of my knowledge.

Dr. Bhaben Ch. Neog.
Principal, Jagiroad College