

I have served some of the best institutions in India which includes *North Lakhimpur College, Assam University (a central University), National Council for Educational Research and Training (NCERT)* and presently serving at Indira Gandhi National Open University (IGNOU) as Senior Regional Director. Since 1997, I have earned experiences of 28 years serving in College, University, Central Organisation like NCERT and Open University like IGNOU.

1. Details of the Teacher/ Academic :

Name	DR. ANIL CHANDRA BORAH
Date of Birth	31-01-1973
Dates of Joining in different organisations	1. North Lakhimpur College: 01-08-1997 (Lecturer/Assistant Professor) 2. Assam University: 28-11-1997 (Lecturer/Assistant Professor) 3. NCERT: 01-05-2006 (Reader/Associate Professor)
Date of Joining in present Institution IGNOU	28-01-2009 as Deputy Director
Current Designation	Senior Regional Director (Professor Scale) w.e.f. 28-01-2015
Pay Scale as on July 2022	1,88,200 (Level 14 of 7th CPC) as on July 2024
Highest Educational Qualifications & Discipline	M. Sc., Ph. D. (Physics), PGDDE

2. Address for Communication

**Dr. Anil Ch. Borah
Senior Regional Director
IGNOU Regional Centre Jorhat
Korokatoli, Baligaon
Assam 785015, India**

Residential Address

Flat No—4A
Diamond Plaza, Malowali Tiniali
Near Polytechnic School
Jorhat 785001 Assam, India

3. Home Town: Sibsagar Gaon, Phulbari, North Lakhimpur, Assam

4. E-mail ID: anilchborah@ignou.ac.in

5. Religion: Hinduism

6. Mobile Number : 9435300316 and 7002248392

7. Educational Qualification

Name of course	Year of Completion	Subjects Studied	Board/ University	Institution where studied	Division/Class	% of marks	Rank/ Position
HSLC	1988	Maths., Sc., English, Assamese., Social studies., Geography, History	Secondary Education Board of Assam	Phulbari H.S. School	FIRST	77.5	
HS	1990	Physics, Mathematics, Chemistry, Biology, Assamese, English	Assam Higher Secondary Education Council	North Lakhimpur College	FIRST	65.4	
B. Sc.	1993	Physics(Honours), Electronics, Mathematics, English, Foundation Course	Dibrugarh University	North Lakhimpur College	FIRST	71.0	First Class First Position with Distinction
M. Sc.	1995 (Held in 1996)	PHYSICS	Gauhati University	Gauhati University	FIRST	75.3	First Class Second Position
Ph. D.	2004	ASTROPHYSICS	Title of the Thesis: ELECTROSTATIC EFFECTS OF CHARGED DUST GRAINS IN STAR FORMATION PROCESS IN INTERSTELLAR DARK CLOUDS				
PGDDE	2014	Distance Education	IGNOU	IGNOU	FIRST	70	

8. Professional Experience

Designation (Perm.)	Period of Service From To	Name of Institution	Nature of Job
Lecturer/Assistant Professor	4 months (01-08-1997 to 27-11-1997)	North Lakhimpur College, Assam	Teaching and Research
Lecturer/Assistant Professor (Sr. Lecturer w.e.f. 28-11-	8years 6months (28-11-1997 to 27-01-09)	Dept. of Physics, Assam University	Teaching and Research

2003)			
Reader/Associate Professor (Dept. of Science and Mathematics Education)	01-05-06 to 27-01-09 (on lien from Assam University)	NCERT	Teaching, Research, organizing training programmes
Deputy Director/Regional Director	28-01-09 to 31-08-2013	North East Centre for Research and Development NECD), IGNOU	✓ Heading the centre ✓ Establishing the Centre ✓ Teaching & Research, ✓ Organizing training programmes and ✓ Administration
Deputy Director/Regional Director	01-09-2013to 27-06-2014	Regional Centre Guwahati, IGNOU	✓ Heading the centre ✓ Teaching & Research, ✓ Organizing training programmes and ✓ Administration
Deputy Director /Regional Director	28-06-2014 to 27-01-2015	RC Jorhat, IGNOU	✓ Heading the centre ✓ Establishing the Centre ✓ Teaching & Research, ✓ Organizing training programmes and ✓ Administration
Senior Regional Director	28-01-2015 till date	RC Jorhat, IGNOU	✓ Heading the centre ✓ Establishing the Centre ✓ Teaching & Research, ✓ Organizing training programmes and ✓ Administration

9. Honour/Award/Fellowship/membership of Professional body/ Statutory body:

Sl No	Honour /Award/ Fellowship name/ membership of Professional body/ Statutory body	Agency name /Name of statutory body/ institution/ Apex body	Period
1.	Visiting Associate	Inter University Centre for Astronomy and Astrophysics (IUCAA), Ganeshkhind, Pune, India	1st July 2000 to 30th June 2003
2.	Member of Board of Management	NERIE, NCERT (Nominee of Director, NCERT)	2013
3.	Member of Board Of Study	North Lakhimpur College (Autonomous College)	2014-2022
4.	President, Governing Body	Cinnamara College	W.e.f. 29-10-

			2024 till date
5.	External Member of Centre for Internal Quality Assurance	Tezpur University	W.e.f. 15-02-2024 till date
6.	Expert Member of Selection Committee for Deputy Registrar (Academic)	Dibrugarh University	30/12/2024
7.	Expert Member of Selection Committee for Director, Centre for Distance and Online Education	Dibrugarh University	30/12/2024
8.	Expert Member of Selection Committee for Director, Centre for Distance and Online Education	Dibrugarh University	17/03/202
9.	Su-khiayati Award	Kavyashree Publication	Awarded on 15th Dec 2018
10.	National Merit Scholarship		1988 to 1995
11.	“Late Mahabox Malpani Memorial Scholarship”,	North Lakhimpur College	1991-1993
12.	Distinction with First class First Position in B.Sc.	Dibrugarh University	1993
13.	First Class 2 nd Position in M.Sc.	Gauhati University	1995
14.	Life Member (Member ID: A151)	Indian Association of Teacher Educators	
15.	Life Member	Assam Science Society	
16.	Life Member	Physics Association of North East (PANE)	
17.	Founder President	Rotaract Club, Silchar Rotary Club	2001-2002

10. Books/Book Chapter:

Sl. No.	Name of Author1/ Editor 1, & Co-author (s) / Co-editor (s) (if any)	Title of chapter /book	Place of publication	Publisher	Year	Total Pages	ISBN No.
1	Co edited with Dr.	Renewable	Guwahati	EBH Publisher	2012	477	ISBN: 978 93

	Rupam Katakya, TU	Energy and Sustainable Development		(India)			80261 782
2	Co edited with Dr. S. N. Borah, DKD College	Proceeding of National Seminar on Recent Developments in Natural Sciences	Dergaon	Organising Committee, National Seminar on Recent Developments in Natural Sciences, 2012 (The conference was organized by NECD, IGNOU in collaboration with DKD College, Assam)	2012	183	ISBN: 978-81-924389-0-0
3	Group	Book-Laboratory Manual Science-Class IX	New Delhi	NCERT, India	2008		ISBN-978-81-7450-840-9
4	Group	Book-Laboratory Manual Science-Class X	New Delhi	NCERT, India	2008		ISBN-978-81-7450-848-5
5		Chapter-Light-Reflection and Refraction		NERIE, NCERT	2014		
6		Chapter-Human Eye and		NERIE, NCERT	2014		

		Colourful World					
7		Chapter - Electricity		NERIE, NCERT	2014		
8		Chapter - State of Science Education in Schools and Colleges		Assam Science Society	2015		ISBN 978 81927 24225

11. Research Articles/Publications:

- 1) Borah, A.C. and Sen, A.K. (2007). *Gravitational instability of partially ionized molecular clouds*—Journal of Plasma Physics, Volume 73, Issue 06, Dec 2007, pp 831-838. Cambridge University Press.
- 2) Borah, Palash and Borah, Anil Ch. (2011). *Gravitational Instability in Ionized and Magnetized Molecular Clouds*—International Journal of Applied Mathematics, Research India Publications, ISSN 1819-4966 Volume 24 No. 4 2011, 583-590.
- 3) Borah, Palash and Borah, Anil Ch. (2012). *Frozen-in Condition of Ions and Dust Grains in Magnetized Molecular Clouds*, International Journal of Applied Physics, ISSN 2249-3174 Volume 2, Number 3 (2012), pp. 231-234 © Research India Publications <http://www.ripublication.com/ijap.htm>
- 4) Borah, Palash and Borah, Anil Ch. (2013). *Distribution Of Ions, Electrons And Dust Particles In Partially Ionized And Magnetized Molecular Clouds*, International Journal of Engineering Research & Technology (IJERT), Vol. 2 Issue 3, March – 2013; ESRSA Publication
- 5) Choudhury, J., Borah, A.C., Bhattacharjee, R. and Bhattacharjee, D.K. (1998). *Recombination of Charged Carriers in Light Emitting Diodes (LED)*— 522, Proceeding of 41st “DAE Solid State Physics Symposium”, 41, 1998.
- 6) Kashyap, Santonu; Kataki, Rupam & Borah, Anil Ch. (2012). *An overview and assessment of Indian Biomass Energy sector under the Clean Development Mechanism(CDM)*— in “Renewable Energy and Sustainable Development” ISBN: 978 93 80261 78 2, 2012
- 7) Borah, A. C. (2007). *Teacher Training in North East using EDUSAT Facility*—in Educational Research Journal 2007 (page 129-133), SCERT, Assam.

- 8) Borah, A. C. (2010). *Science Communication in Distance mode: Application of ICT*,— Vol 9-No 2, 2010; Indian Journal of Science Communication.
- 9) Borah, A. C. and Sen, A. K. (2006). *Gravitational Instability of partially ionized Molecular Clouds* on-line publication in <http://journal.cambridge.org>
Doi: 10.1017/S0022377806006295, 19th December 2006.
- 10) Borah, Anil Ch. (2014). *Impact of Mobile Phone Radiation*. in D. Debnath and N. K. Barthakur (Ed.), *Impact of Cell phone Radiation*, ISBN 978-81-925433-8-3
- 11) Borah, A. C. and Gogoi, Bristisnata (2016). *The expansion of ODL in upper Assam: Journey of IGNOU Regional Centre Jorhat*, Scholastic Pages-An Annual International Multidisciplinary Journal, ISSN 2231-5934 Vol. II-No.1 Sept.2016 pp 82-89
- 12) Borah, Anil Ch. (2017). *Sustainable Development and Transport Noise* in D. Debnath (Ed.) *Issues of Traffic Noise Pollution on Environment and Control Measures in North East India*, (PP:66-74) ISBN No. 978-81-202-8809-8
- 13) Barman, A. K., and Borah A. C. (2014). *Rebuilding Vision and Mission for Development: The Path for Sustainability in NER Region of India* in Sujata Dutta Hazarika and Saurabh Garg (Ed.) *Livelihood & Resource Utilisation in North East India* (PP: 47-67) ISBN: 81-89003-74-4
- 14) Borah, Anil Ch. and Saikia, Prarthana Sunil (2018). *Happiness of Learners in Technical Education*, The Mirror, pp 93-106, Vol-5, 2018, ISSN 2348 9596.
- 15) Borah, Anil Ch. and Tamuly, Kandarpa (2019). *Number of Symmetrical Objects in n-dimensional space with different Layers*, International Journal of Applied Engineering Research, Volume 14, Number 16 (2019) pp. 3489-3493 ISSN 0973-4562,
- 16) Borah, Anil Ch. (2019). *Ancient Indian Education and its relevance to Modern Education*, *The Educational Horizon*, Volume 5, Issue No-1, August, 2019 (PP 1-5) ISSN 2454-8243
- 17) Borah, Anil Ch. (2019). *Open Education in North East India: Role of IGNOU* in S. K. Sarkar et.al. (Ed.) *ODL: Issues and Perspectives* (PP:15-32) ISBN: 978-93-89559-64-4
- 18) Borah, Anil Ch. (2020). *The draft Education Policy 2019 and Higher Education*, JOURNAL of Assam College Principals' Council, Volume 6, 2020 pp 92-100
- 19) Borah, A. C. (2020) *Blended learning: A practical approach for better learning experience*. Cinnamara College Publication, Cinnamara, Jorhat-8, Assam, 185.

- 20) Borah, P. & Borah, A.C. (2024) A Review of use of Artificial Intelligence in Teaching and Learning of Mathematics - - IJSAT Volume 15, Issue 4, October-December 2024. <https://doi.org/10.71097/IJSAT.v15.i4.1190>
- 21) Borah, A. C. & Borah, P. (2024) *Artificial Intelligence Empowered Learning: A Quantum Shift in Higher Education*. IJMR-International Journal for Multidisciplinary Research, Volume 6, Issue 6, <https://doi.org/10.36948/ijfmr.2024.v06i06.30869>
- 22)

12. Presentation/Invited talk/Chair in National or International Seminar/Conference/ Workshops (Please do not mention if it is only participation without presentation)

SNo .	Author/ Co author (if any)	Title of presentation, /Talk/Lecture	Name Organizing institute	Conference	City	Date and Year
1	With Dr. Rupam Katak, Tezpur University	<i>An overview and assessment of Indian Biomass Energy sector under the Clean Development Mechanism(CDM)</i>	NECRD, IGNOU in collaboration with Tezpur University	National Conference on Renewable Energy for Development of Underdeveloped Areas with Special Reference to North East India	Tezpur	23 rd -25 th March 2010
2	With Dr. Arup Barman, Assam University	<i>Rebuilding Vision and Mission for Development: The Path for Sustainability in NER Region of India</i>	NECRD, IGNOU	Indigenous Technology, Livelihood Options and Habitat Utilization: Concepts and Perspectives of Development	Guwahati	22 nd - 24 th November 2009
3	Sole	<i>Impact of Mobile Phone</i>	Dept. of Physics,	UGC sponsored	Dhing, Assam	17 th -18 th October

		<i>Radiation</i>	Dhing College, Assam	National Workshop on Impact of Cell-phone Radiation on Environment		2014
4	with Jagat Gogoi	<i>Fragmentation of Gravitationally Unstable Disks with Different Infall Rates</i>	Dept. of Physics and Chemistry, DKD College, Assam in collaboration with NECRD, IGNOU,	Recent Developments in Natural Sciences	DKD College, Dergaon	20 & 21 January 2012.
5	With Dr. Pratibha Borah	<i>General Solution of Governing Equations for Stress of Electrorheological Fluid with Mechanical and Electrical Fields</i>	Dept. of Physics and Chemistry, DKD College, Assam in collaboration with NECRD, IGNOU	Recent Developments in Natural Sciences	DKD College, Dergaon	20 & 21 January 2012.
6	Invited lecture	Environment Education	United Nations Association-Assam	Seminar on Environment Protection	Guwahati	5 th June 2010
7	Invited lecture	Rights of Woman and Indian Constitution	Bihpuria College, Lakhimpur Assam, India	National Seminar	Bihpuria	18 th September 2010
8	Invited lecture	Constructivism and Teaching of Science and Mathematics	NERIE, NCERT Umiam, Shillong Meghalaya, India	Training Programme	Shillong	6 th June 2012
9	Invited lecture	Need of Open and Distance Learning	Cinnamara College, Jorhat Assam, India	Special Talk	Jorhat	20 th July 2015
10	Invited lecture	Distance, Open and Online Mode of Learning	Raha College, Assam India	National Seminar	Raha	13 th November 2015

		and Quality Assuring Practices				
11	Invited lecture	Invited lecture on “State of Science Education in Schools and Colleges”	Assam Science Society	National Seminar	Morigaon	9 th January 2015.
12	Invited lecture	Keynote Speaker in Workshop on Evolution of New Education Policy 2016: An Analysis in the Context of Assam.	Kakojan College, Jorhat	Workshop	Jorhat	10 th February 2017
13	Invited lecture	Invited lecture on Scientific Thinking	Jorhat Science Centre and Planetarium		Jorhat	28 th February 2016
14	Invited lecture	Delivered Lectures (04 numbers) on Constructivism, HE, ODL	Human Resource Development Centre (Previously Academic Staff College), Gauhati University	Orientation Programmes for College and University Teachers	Guwahati	5 th May 2012 (02 lectures), 24 th November 2014, 15 th December 2012.
15	Invited lecture	Environmental protection from Hazardous Substances	Centre for Cultural Resources and Training	Orientation Courses for teachers	Guwahati	01.08.2012
16	Invited lecture	Environmental Education in School	Centre for Cultural Resources and Training	Orientation Courses for teachers	Guwahati	01.08.2012
17	Invited lecture	Delivered Lectures (05 numbers) on Constructivism, HE, ODL	Human Resource Development Centre (Previously Academic Staff College),	Orientation Programmes for College and University Teachers	Guwahati	15 th June 2013, 29 th June 2013, 10 th August 2013, 11 th

			Gauhati University			August 2013, 29 th December 2013
18	Invited Lecture	Environmental Education in School	Centre for Cultural Resources and Training	Orientation Courses for teachers	Guwahati	09-05-2013
19	Invited Lecture	Environmental protection from Hazardous Substances	Centre for Cultural Resources and Training	Orientation Courses for teachers	Guwahati	09-05-2013
20	Invited Lecture	Environmental protection and Good Practices	Centre for Cultural Resources and Training	Orientation Courses for teachers	Guwahati	01.05.2013
21	Invited Lecture	Delivered Lectures (02 numbers) on Constructivism, HE,	Human Resource Development Centre (Previously Academic Staff College), Gauhati University	Orientation Programmes for College and University Teachers	Guwahati	13 th March 2014 and 23 rd June 2014
22	Invited Lecture	National Education Policy and Open & Distance Education	Cinamara College	Teachers Day	Jorhat	5 th September 2019
23	Invited Lecture	Skills-based Teaching-Learning: Making Education Meaningful	St. John College Dimapur, Nagaland	Webinar on Skills-based Teaching-Learning: Making Education Meaningful	Dimapur, Nagaland	14 th July 2021
24	Invited lecture	Critical Thinking in Mathematics	Jorhat Institute of Science and Technology	Mathematics Day	Jorhat	22 nd December 2021
25	Invited lecture	ODL and IGNOU Programmes	Nowboicha College	Academic lecture to Teachers and Students	North Lakhimpur	7 th May 2022
26	Invited Lecture	Albert Einstein and Face of	Jorhat Science	ASRO CAMP 2022	Jorhat	4 th March

		Asronomy	Centre and Planetarium			2022
27	Invited Lecture	National Education Policy 2020	Army Public School, Jorhat	In-service Training of Teachers	Jorhat	31 st May 2022
28	Invited Lecture	ODL and IGNOU Programmes	Chandra Nath Bezboruah College	Academic talk to Teachers and Students	Bokakhat , Assam	7 th June 2022
29	Invited Lecture	Traditional Health System and its relevance in school education : perspective of Swachh Bharat Mission	Centre for Cultural Resources and Training (CCRT)	Training of In-service school teachers, teacher educators from different parts of the country	CCRT Delhi (online)	22 nd September 2022
30	Invited Lecture	Swachh Bharat Mission—Waste Management and Environment Education	Centre for Cultural Resources and Training (CCRT)	Training of In-service school teachers, teacher educators from different parts of the country	CCRT Guwahati (Online)	11 th January 2023
31	Invited Lecture	Assamese Science Literature	Asom Sahitya Sabha	Asom Sahitya Sobha 67 th Biannual Conference		1 st February 2023

13. Details of PhD and MPhil Scholars (including those awarded degree):

SNo.	Name	Title	Year of completion/ award
1.	Palash Borah	A Study Of Gravitational Instability In Ionized Molecular Clouds In Interstellar Space	2015

14. Training programmes designed and conducted, duration and dates

Sl. No.	Name of the Program	Date	Place
1	Workshop on Research Methodology	24 th - 28 th August 2009	Guwahati
2	Training on Computer based Statistical Program (SPSS) for researchers	7 th - 11 th September 2009	Guwahati
3	National Translation Training (In collaboration with SOTST)	14 th - 17 th September 2009	Guwahati
4	Training on C Programming	9 th - 13 th November 2009	Guwahati
5	National Conference on “Renewable Energy for development of under-developed areas with particular reference to North-East India” organized jointly with the Department of Energy, Tezpur University	23 rd -25 th March, 2010	Tezpur University
6	Research Methodology workshop for researchers of Social Sciences and Humanities	23 rd - 27 th August 2010	Guwahati
7	Research Methodology workshop for researchers of Sciences and Mathematics	13 th - 17 th September 2010	Guwahati
8	Workshop on Astronomy and Astrophysics in collaboration with IUCAA (Inter-University Center for Astronomy and Astrophysics)	15 th to 17 th December 2010	Guwahati
9	Workshop on SPSS	7 th -11 th February 2011	Guwahati
10	Workshop on C- programming language.	21 st -25 th February 2011	Guwahati
11	3 days Workshop on “Development of Resource Material on Environmental Studies integrating with indigenous Art and Culture of Assam in Assamese language”	2 nd - 4 th November 2011	Guwahati
12	The 2 nd phase of the workshop on “Development of Resource Material on Environmental Studies integrating with indigenous Art and Culture of Assam in Assamese language”	19 th - 21 st December 2011	Guwahati
13	2 days National Seminar on Recent	20 th - 21 st January	DKD College

	Development in Natural Sciences in collaboration with DKD College, Dergaon, Assam	2012	
14	Documentary on Introduction to Satriya dance, Telecasted by Doordarshan(DD1) and Gyandarshan (14 min.)	Jan. – April 2012	
15	Documentary on Satriya culture in Assam, Telecasted by Doordarshan(DD1) and Gyandarshan(14 min.)	Jan. – April 2012	
16	Documentary on Ancient Manuscript of Assam, Telecasted by Doordarshan(DD1) and Gyandarshan(30 min.)	Jan. – April 2012	
17	The 3 rd phase of the workshop on “Development of Resource Material on Environmental Studies integrating with indigenous Art and Culture of Assam in Assamese language” in collaboration with (NERIE), NCERT, Shillong	17 th - 19 th April 2012 Guwahati	
18	Meeting on “Documentation of Sattriya Culture and Ancient Manuscript of Assam”	1 st June 2012 Guwahati	
19	Workshop on Statistical Programming--SPSS	12 th – 14 th February 2013 Guwahati	
20	National Conference on Vision-2025-Connecting North East through Open and Distance Learning	8 th and 9 th July 2017, Jorhat	

Signature of Teacher /Academic