

Individual Profile

1. NAME: **ABHIJIT KONCH**
2. Designation: **Assistant Professor**
3. Institute: **Dhemaji College, Dhemaji, Assam.**
4. Department: **Mathematics**
5. Date of Joining: **24/02/2009.**
6. Educational Qualification: **M.Sc, M.Phil, B.Ed**
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Publications:

- (i) Published an article on “Swarajuttar Bharatborkhot Gonit-Charcha: Ati Chamu Abolukan” (In Assamese) in a Journal namely BIKIRAN, Vol-X, (ISSN-22783415)
- (ii) Published an article on “Jamaj Moulik Hankhya and Bandhu Bhabapanna Hangkhya” (In Assamese) in a Journal namely Dapun, 7th issue. 2017 (ISSN-2349-5057).
- (iii) An article published on “Health Risks of Sedentary Lifestyle” Page No 76-82 in a Journal namely Dapun, 6th issue. 2016 (ISSN-2349-5057).
- (iv) Published a Paper in the National Conference Proceedings on “Recent Trends of Mathematics and its Application” organized by Dept. of Mathematics, Rajiv Gandhi University, Rono Hills, Arunachal Pradesh held on 26th May & 27th May, 2014.
Title of the Paper: “Fibonacci Sequence and Morphology of Plants”
- (v) An Article “Lilawati” (In assamese) Published in Dhemaji College Magazine (Nirawadhi) (Session: 2014-15)
- (vi) An article “Gonit aru Iswar” (In assamese) published in Dhemaji College Magazine (Nirawadhi) , 25th Issue for the session 2010-11

Corporate Life:

1. Joint Co-ordinator of the 56th Foundation Day Celebration Committee 2020.
2. Member of NAAC Co-ordination Committee, Dhemaji College
3. Participated as judge in the Cluster Level Exhibition held on 31st July, 2019 at Jawahar Navodaya Vidyalaya (JNV), Dhemaji.

4. Participated as judge in the Debating Competition held on 19th October, 2019 at Dhemaji H.S. School. Dhemaji.
5. Member of Editorial Board of Dhemaji College Annual Magazine, for the session 2018-19.
6. External Evaluator for Gunotsav-2017 (Elementary Education) in Dhemaji District held from 04/01/2018 to 06/01/2018.
7. Resource Person of D.El.Ed. Study Center, Dhemaji College under the National Institute of Open Schooling (NIOS).
8. Participated as Judge in the Annual General Exhibition of the SFS School for assessing the projects held on May 12, 2018 at SFS School, Dhemaji.
9. External Evaluator of Gunotsav'18(Round-II) Phase-I, Dhemaji District held from 09-10-2018 to 11-10-2018.
10. External Evaluator of Gunotsav'18(Round-II) Phase-II, Lakhimpur District held from 01-11-2018 to 03-11-2018.
11. Member of IQAC Cell of Dhemaji College.
12. External Evaluator for Gunotsav (Elementary Education) in Lakhimpur District held from 05/04/2017 to 06/04/2017.
13. Member of Proctorial (House System) Cell, Dhemaji College.
14. Officer in Charge of Dhemaji District of Athletics and Olympiad Competition organized by Assam Academy of Mathematics from 2010 to till date.
15. Co-ordinator of the Dhemaji College Canteen Committee for the Session 2014-15.
16. Participated as a Judge in the Quiz Competition on "Vedic Mathematics" held on the occasion of "Exhibition of Science and Technology", organized by Sankardev Vidya Niketan, Dhemaji on 6th Sept. 2014.
17. Prof. In-Charge of the portfolio Secretary, Literary, Fine Arts & College Magazine (DCSU) for the Sessions: 2015-16 , 2016-17 & 2020-21
18. Member of Celebration Committee of 48th Foundation Day and Fresher's Social, 2013 of Dhemaji College held on 1st August, 2013 at Dhemaji College.
19. Professor In-Charge of the Portfolio of Secretary "Debating & Symposium" section, Dhemaji College Students Union (DCSU) for the session 2013-14 & 2019-20.
20. Examination Secretary of the Dhemaji College for the Session 2012-13, 2013-14 & 2014-15.
21. A speech on "Income Tax" on an Entrepreneurship and Skill Development Programme (ESDP) Organized by JUPA NGO, Dhemaji, Sponsored by Indian Institute of Entrepreneurship (IIE), Guwahati to educate unemployed youth.
22. Member of Steering Committee of IQAC, Dhemaji College from 11th Oct, 2012.

23. Imparting training (Three days from 10-01-2011 to 12-01-2011) to Supervisors/Enumerators under Charge Officer of Gugamukh Rev. Circle for Census 2011, Govt. of India, Ministry of Home Affairs, Directorate of Census Operations, Assam as a Master Trainer at Gugamukh Public Auditorium (Phase-II)
24. Master Trainer of Socio-Economic and Caste Census 2011-12. Imparted training from 28/12/11 to 29/12/11 to Supervisors/Enumerators under Charge Officer of Dhemaji Revenue Circle, Govt. of India, Ministry of Home-Affairs, Directorate of Census Operations, Assam at DRDA, Dhemaji.
25. Secretary of Health Care Section, Organizing Committee of Inter-College Volleyball Competition, under Dibrugarh University held on 8th & 9th Dec. 2011.
26. Imparting training (Three days from 26-03-2010 to 28-03-2010) to Supervisors/Enumerators under Charge Officer of Gugamukh Rev. Circle for Census 2011, Govt. of India, Ministry of Home Affairs, Directorate of Census Operations, Assam as a Master Trainer at Gugamukh Public Auditorium (Phase-I)

Academic Activities:

Refresher Course /Orientation Course Attended:

1. UGC Sponsored Orientation Course held at Academic Staff College, North Eastern Hill University, Shillong, Meghalaya from 14th Feb. to 13th March 2011 and obtained Grade A.
2. UGC Sponsored Refresher Course held at Academic Staff College, Jamia Millia Islamia (A Central University) from 3rd May 2012. to 23rd May 2012 and obtained Grade A.
3. UGC Sponsored Refresher Course held at Human Resource Development Center (HRDC), Punjabi University, Patiala (A State University) from 1st Dec 2018. to 21st Dec 2018 and obtained Grade A.

Workshop/ Seminar/ Conference/ Training Programme Attended/Participated/Presented:

1. One week FDP Programme on “Behavioral Remodelling and Use of ICT Tools for Classroom Delivery of Teachers” held from 05 to 10 January, 2020 organized by E & ICT Academy, IIT, Guwahati at Dhakuakhana College.
2. One week online FDP Programme on “ Teaching Pedagogy” held from 22 to 28th June, 2020 organized by IQAC of Dr R.K.B. Law College, Dibrugarh, Assam in Collaboration with Skillfinity & academic support from Teaching Learning Center, Tezpur University

3. Participated in the Webinar on “Basic Graph Theory and Number Theory” Organized by IQAC, Guwahati College held on 30th June, 2020.
4. Participated in the Webinar on “Prime Divisors in an Arithmetic Progression” Organized by Department of Mathematics, Gurucharan College, Silchar, Assam in association with Assam Academy of Mathematics, Cachar District Branch and Gonitsora held on 7th July, 2020.
5. Participated in the three days International Webinar on “Recent Trends in Pure and Applied Mathematics” Organized by Raghunathpur College, Purulia, West Bengal held from 9th July, 2020 to 11th July, 2020.
6. Participated in the National Workshop (Online) on “Analysis and Linear Algebra (NWALA 2020)” Organized by Department of Mathematics, BHSK College, Dibrugarh, Assam held from 23rd July to 24th July, 2020.
7. Participated in the Webinar on “Machine Learning and Deep Learning Using MATLAB” Organized by Department of Mathematics, Rajib Gandhi University, Arunachal Pradesh in association with Elmax System and Solutions, Mathworks (MATLAB and SIMULINK) and Department of Computer Science and Engineering, Rajib Gandhi University, held on 19th June, 2020.
8. Presented a paper on the topic “Partition Congruences” in a National Seminar “Recent Trends in Application of Mathematical Modeling To Problems in Natural and Social Sciences” organized by Dept. of Mathematics, Dhakuakhana College, North Lakhimpur, from 4th to 5th Feb. 2016.
9. Attended two days Workshop on “Quality Issues in Examination System, Question Paper Setting & Evaluation” organized by Department of Education, Silapathar College, Silapathar, Dhemaji, Assam held from 7th to 8th November, 2015.
10. Presented a Paper in the National Conference on “Recent Trends of Mathematics and its Application” organized by Dept. of Mathematics, Rajiv Gandhi University, Rono Hills, Arunachal Pradesh held on 26th May & 27th May, 2014. Title of the Presented Paper: “Fibonacci Sequence and Morphology of Plants”
11. Presented a Paper UGC Sponsored National Seminar on “Recent Trends in Mathematical Economics” organized by Dept. of Economics and Mathematics, Lakhimpur Girls College, North Lakhimpur, from 29th to 30th August. 2014. Title of the Presented Paper: “Convex, Quasi-convex Functions and its Applications in Economics: A Survey”.

12. Presented a Paper UGC Sponsored National Seminar on “Examination Reforms and Evaluation in Semester System at Under Graduate Level” organized by Dept. of Education, Naharkatiya College from 15th to 16th October 2014. Title of the Presented Paper: “Importance and Problems of Semester Mode of Teaching System for the UG Students in the Colleges of Assam”.
13. Participated in the Seven Days Workshop on “ Recent Trends in Mathematical Sciences” organized by Department of Mathematical Sciences, Bodoland University from 18th to 24th February, 2013.
14. Co-ordinator of the UGC Sponsored National level Workshop on “New Trends In Mathematics in Undergraduate Level”, Organized By Department of Mathematics, Dhemaji College, held on 18th March, 2013.
15. Participated in the UGC Sponsored Short Term Course on “Computer Application” from 26th to 30th March, 2013, organized by Academic Staff College, Mizoram University.
16. Participated as a Resource Person in the Seven Days (from 15th July to 22th July, 2013) Summer Camp at Dhemaji Town High School, organized by Assam Science Society, Dhemaji Branch.
17. Participated in the UGC Sponsored National level Workshop Organized by IQAC, Dhemaji College on “Research Proposals in Higher Education: Its Preparation & other Aspects” held on 6th & 7th April, 2012.
18. Presented a Paper UGC Sponsored National Seminar on “Global Warming in NE Context” organized by Dept. of Chemistry, Biswanath College in Colaboration with Chaiduar College, Gohpur from 10th to 11th August. 2012. Title of the Presented Paper: “A Mathematical Model to Compute the Global Warming Potential of Water Vapour”.
19. Co-ordinator of the District level Quiz Competition held on the occasion of Ramanujan Day, 22nd December, 2012 at Dhemaji College organized by Assam Academy of Mathematics, Dhemaji Branch.
20. Participated as a Resource Person in the Ten Days (from 10th July to 20th July, 2012) Summer Camp at Jamuguri High School organized by Assam Science Society, Dhemaji Branch.
21. Participated in the UGC Sponsored National Workshop on “Activity Based Mathematics for Secondary Level Teachers” organized by Department of Mathematics, Dhemaji College with the Academic support of Assam Academy of Mathematics (AAM), Guwahati held from 3rd Feb to 4th Feb. 2011, Topics Discussed: Similarity & Symmetry, Banking & Income Tax, Probability, Number System, Complex Number, Statistics and Laboratory Practical Utility.

22. Presented a Paper UGC Sponsored National Seminar on “Present Environment and Strategy for Biodiversity Conservation” organized by Dept. of Economics, Machkhowa Degree College, Machkhowa, Dhemaji on 8th October, 2011. Title of the Presented Paper: “Use of Mathematical Modeling in Solving Environmental Problems”.
23. Presented a Paper UGC Sponsored National Seminar on “Ground Water Contamination, Its Challenges to Human Health and Mitigation Measures” organized by Dept. of Chemistry, Lakhimpur Girls’ College, Lakhimpur from 9th Oct. to 10th Oct., 2011. Title of the Presented Paper: “Role of Mathematical Models in Ground Water Management”.
24. UGC Sponsored National Workshop on “MATLAB, Mathematica, Financial Mathematics” organized by Department of Mathematics, Womens’ College, Tinsukia, from Jan 28 to Jan 30, 2010.
25. Participated in the National Level Workshop on “Cryptology” jointly conducted by Department of Mathematics, Manipur University, Imphal & Cryptology Research Society of India (CRSI) Kolkata and Institute of Mathematical Sciences (IMS) Chennai at Department of Mathematical Sciences, Manipur University from May 5- to May 7, 2010.
26. Attended Regional Mathematics Olympiad (RMO) Training Programme Sponsored by Assam Academy of Mathematics (AAM) held at Department of Mathematics, Gauhati University, Guwahati during July 18 – 23 (Six days) 2010.
27. Participated in the UGC Sponsored National Workshop on “Mathematical Laboratory(I)” organized by Department of Mathematics, Dibrugarh University, Dibrugarh from March 23- to March 24, 2009.
28. Participated in the Workshop on “Re-Accreditation- A Process towards Quality Enhancement Methods and Procedures.” Organized by IQAC Cell, Dhemaji College, and Dhemaji. 17th June 2009.
29. Participated in the UGC Sponsored National Workshop on “Mathematical Laboratory (II)” organized by Department of Mathematics, Dibrugarh University, Dibrugarh from Dec.9 to Dec.10. 2009.

Life Membership:

1. Life Member of “Assam Academy of Mathematics”
2. Life Member of “ Ramanujan Mathematical Society”
3. Member of “Assam College Teachers Association” (ACTA).
4. Life Member of “Indian Redcross Society”.