BIO-DATA

Name: Dr. DIPENDRA NATH GHOSH

Department: Controller of Examinations, KNU

Qualifications: Ph. D., MCA, B.Ed., M. Sc.(Mathematics), B.Sc. (Mathematics)

Designation: Controller of Examinations, KNU

Experience (Teaching / Research / Industry, in years): Teaching- 16 years

Research- 20 Years

Date of Joining at the Present Institution: 25-04-2019

Qualifications Summary (Reverse chronological order):

Degree	Institute	From – To	Subjects
Ph. D.	University of Burdwan	2004 – 2008	"Some Parallel Computational Methods to Investigate the Variability in Any Series of Time-Dependent Data"
MCA	University of Burdwan	2000 – 2003	Computer Applications
B. Ed.	Kalna College (University of Burdwan)	1999 – 2000	Educational Theory & its applications
M. Sc.	University of Burdwan	1997 – 1999	Mathematics
B. Sc (Hons.)	Bejoy Narayan Mahavidyalaya (University of Burdwan)	1994 – 1997	Mathematics (Hons), Physics, Chemistry
H S	Balagarh High School (W.B.C.H.S.E.)	1992 – 1994	Science Stream
Madhyamik	Kamalpur High School (W.B.B.S.E.)	1992	Bengali, English, History, Geography, Mathematics, Life Science, Physical Science

Experience Summary (In chronological order):

Designation,	Organization,	Date From – Date To
Lecturer	Memari College, Memari, Burdwan	2001 – 2003
Lecturer	Cyber Research and Training Institute, Burdwan	2003 – 31/07/2004
Guest Lecturer	Dept of Computer Science, University of Burdwan	2005 – 2013
Assistant Prof. Asso. Prof., Professor	Dr. B. C. Roy Engineering College, Durgapur	05/08/2004 – 24/04/2019
Controller of Examinations	Kazi Nazrul University, Asansol	25/04/2019 – tll date

Specialization/Research Interest: Special Paper: Functional Analysis and Operator Theory
Research Interest: Time Series Analysis, Computational Mathematics, Decision Theory

Awards & Recognitions:
Best paper/ scholarship/Position in university exam / awards while at industry/ other organizations etc.

"Teacher of the Year 2017" award from the Maulana Abul Kalam Azad University of Technology, West Bengal for the contribution to Teaching, Learning and Research.

Received **Best Senior Officer Award** from the Kazi Nazrul University in the year of 2022**.**

Courses taught:

B.Tech: Specify the name of the subject/s (Theory first and then practical)

Operations Research for B.Tech 6th Semester CSE Students; Advanced Graph Theory for B.Tech 4th Sem CSE and IT Students; Discrete Mathematics for B.Tech 5th Sem CSE students; Probability and Statistics for B.Tech 3rd Semester CE, ME, ECE Students, Mathematics for Data Science for 1st Semester students of M.Sc in Computer Sc., Advanced Data Structures and Algorithms for Data Science for 2nd Semester students of M.Sc in Computer Sc.

M.Tech: specify the name of the Subject/s

Advanced Engineering Mathematics for M.Tech (Computer Systems and Technology) Students and Research Methodology (Pre-PhD Course work)

Publications:

Journal:

1. **Dipendra Nath Ghosh**, Koushik Ghosh & Abhoy Chand Mondal; "Finite Variance Scaling Analysis Of The Monthly Data Of The Sunspot Numbers"; International Journal of Information and Computing Science; 2005; Vol. 08; Issue 02; Page. (29-32); ISSN No. 0972-1347; **UGC Approved**

2. **Dipendra Nath Ghosh** & Koushik Ghosh; "Application of Maximum Likelihood Method To Find The Variability In Given Time-Dependent Data From Any Dynamical System"; The Bulletin of Engineering & Science; 2006; Vol. 01; Issue 02, Page. (14-17); ISSN No. 0974-7176.

3. **Dipendra Nath Ghosh,** Koushik Ghosh & Abhoy Chand Mondal; "Search For Periodicity In A Time Series Data By Group Method Of Data Handling Algorithm" International Journal of Information and Computing Science; 2006; Vol. 09; Issue 02; Page. (68-72); ISSN No. 0972-1347; **UGC Approved**.

4. **Dipendra Nath Ghosh;** "The Search For Periodicity of Sunspot Numbers By Rayleigh Power Spectrum Analysis"; The Bulletin of Engineering & Science; 2007; Vol. 02; Issue 01, Page. (21-25); ISSN No. 0974-7176.

5. **Dipendra Nath Ghosh,** Koushik Ghosh & Abhoy Chand Mondal; "The Search For Periodicity in Given Time-Dependent Data Obtained From Any Dynamical System By Maximum Likelihood Method and Rayleigh Power Spectrum Analysis" Indian Journal of Theoretical Physics; 2007; Vol. 55; Issue 02; Page. (105-112); ISSN No. 0019-5693

6. **Dipendra Nath Ghosh,** Koushik Ghosh & Abhoy Chand Mondal; "Filtering A Time Series Data By Neural Network Method And Adaptive Template Method: A Comparative Study" Indian Journal of Theoretical Physics; 2007; Vol. 55; Issue 03; Page. (197-202); ISSN No. 0019-5693

7. **Dipendra Nath Ghosh,** Koushik Ghosh & Abhoy Chand Mondal; "Detection and Analysis of Peaks in Monthly Data of Sunspot Numbers" Indian Journal of Theoretical Physics; 2008; Vol. 56; Issue 03; Page. (169); ISSN No. 0019-5693

8. **Dipendra Nath Ghosh** & Koushik Ghosh; "Time Variations of The Monthly Sunspot Data By Simple Denoising Algorithm Using Wavelet Transform"; International Journal of Information and Computing Science; 2008; Vol. 11; Issue 01; Page. (01-06); ISSN No. 0972-1347; **UGC Approved**.

9. K.M.Hossain, **D.N.Ghosh** & K.Ghosh; "Finite Variance Scaling Analysis of National Stock Exchange Index: A Case Study" The Bulletin of Engineering & Science; 2008; Vol. 03; Issue 01, Page. (33-36); ISSN No. 0974-7176.

10. K.M.Hossain, **D.N.Ghosh** & K.Ghosh; "Scaling Analysis by FVSM and DWT Denoising of The Measured Values of Solar Irradiance" ; International Journal of Information and Computing Science; 2009; Vol. 12; Issue 02; Page. (01-09); ISSN No. 0972-1347; **UGC Approved.**

11. K.M.Hossain, **D.N.Ghosh** & K.Ghosh; "Investigating Multifractality of Solar Irradiance Data through Wavelet Based Multifractal Spectral Analysis"; CSC Journal (Signal Processing: An International Journal-SPIJ) Malaysia, 2009; Vol. 03, Issue 04 Page. (83-94);

12. K.M.Hossain, **D.N.Ghosh** & K.Ghosh; "Detection of Periods of FVSM Scaled and DWT Solar Irradiance Time-Series Signal Using FFT Based Power Spectrum Analysis"; The Bulletin of Engineering & Science; 2009; Vol. 03; Issue 02, Page. (39-45); ISSN No. 0974-7176.

13. K.M.Hossain, **D.N.Ghosh,** K.Ghosh & T. Saha; "Application of Signal Processing To Investigate The Total Active ^{8}B Solar Neutrino Flux signal From Sudbury Neutrino Observatory (SNO)" International Journal of Electronic Engineering Research; 2010; Vol. 02; Issue 03; Page. (303-324); ISSN No. 0975-6450;

14. K.M.Hossain, **D.N.Ghosh,** K.Ghosh & T. Saha; "Multifractality and Singularity of ^{8}B Solar Neutrino Flux Signals From Sudbury Neutrino Obseveratory"; IET Signal Processing, U.K; 2011; Vol. 05; Issue 07; Page. (690-700), ISSN No. 1751-9675; **SCOPUS.**

15. P.K.Dey & **D.N.Ghosh;** "Multi Criteria Fuzzy Classification of IPL"; International Journal of Information and Computing Science; 2011; Vol. 14; Issue 01; Page. (43-52); ISSN No. 0972-1347; **UGC Approved**.

16. K.M.Hossain, **D.N.Ghosh,** K.Ghosh & A. K. Bhattacharya; "Power Spectrum Analysis In Search For Periodicities In Solar Irradiance Time Series Data From EBRS"; Journal of Engineering Science and Technology Review, Greece; 2011; Vol. 04; Issue 01; Page. (96-100); ISSN No. 1791-2377; **SCOPUS.**

17. P.K.Dey, S. Chattaraj & **D.N.Ghosh;** "Faculty Selection in Engineering Organization using AHP & TOPSIS"; International Journal of Information and Computing Science; 2011; Vol. 15; Issue 01; Page. (06-15); ISSN No. 0972-1347; **UGC Approved**.

18. **D. N. Ghosh;** "Analytic Hierarchy Process & TOPSIS Method to Evaluate Faculty Performance in Engineering Education" UNIASCIT; 2011; Vol. 01; Issue 02, Page. (63-70)ISSN No. 2250-0987.

19. P.K.Dey & **D.N.Ghosh** & A. C. Mondal; "A MCDM Approach for Evaluating Bowlers Performance in IPL"; Journal of Emerging Trends in Computing and Information Sciences, Pakistan; 2011; Vol. 02; Issue 11; Page. (563-573); ISSN No. 2079-8407; **UGC APPROVED.**

20. K.M.Hossain, **D.N.Ghosh,** K.Ghosh & A. K. Bhattacharya; "Nonlinearity and Chaos in ^{8}B Solar Neutrino Flux Signals From Sudbury Neutrino Obseveratory"; Fractals, World Scientific Publishing Co.; 2012; Vol. 20; Issue 01 Page. (17-32) ISSN No. 1793-6543; **SCI**.

21. S. Rana, P.K.Dey & **D.N.Ghosh**; "Best Engineering College Selection Through Fuzzy Multi-Criteria Decision Making Approach:A Case Study" UNIASCIT; 2012; Vol. 02; Issue 02, Page. (246-256)ISSN No. 2250-0987.

22. P.K.Dey, **D.N.Ghosh** & A. C. Mondal**; "**Statistical Based Multi-Criteria Decision Making Analysis for Performance Measurement of Batsmen in Indian Premier League"; International Journal of Advanced Research in Computer Science (IJARCS); 2012; Vol. 03; Issue 04; Page. (51-57); ISSN No. 0976-5697; **UGC APPROVED**

23. K.M.Hossain, **D.N.Ghosh,** K.Ghosh & A. K. Bhattacharya; "An Investigation on the relationship between Solar Irradiance Signal from ERBS and 8B Solar Neutrino Flux Signals from SNO"; Astrophysics and Space Science", **Springer;** 2012; Vol. 342; Issue 02, Page. (287-301); ISSN No. 1572-946X; **SCI.**

24. P.K.Dey & **D.N.Ghosh** & A. C. Mondal; "Multi-Criteria Decision Tree Approach to Classify All-Rounder in Indian Premier League"; IJAST, Korea; 2013; Vol. 52; Page. (93-100); ISSN No. 2005-4238 **UGC APPROVED**

25. Ruchika Banerjee & **D.N.Ghosh**; "Faculty Recruitment in Engineering Organization Through Fuzzy Multi-Criteria Group Decision Making Methods"; IJUNESST, Korea; 2013; Vol. 06; Issue 04; Page. (139-154); ISSN No. 2005-4246;

26. P.K.Dey, **D.N.Ghosh** & A. C. Mondal**; "**Modified Group Decision Algorithm for Performance Appraisal of Indian Premier League Cricketers"; WSEAS TRANSACTIONS on INFORMATION SCIENCE and APPLICATIONS, 2013; Vol. 10; Issue 10; Page. (325-333); E-ISSN: 2224-3402;

27. P.K.Dey, A. Banerjee, **D.N.Ghosh** & A. C. Mondal**; "**AHP-Neural Network Based Player Price Estimation in IPL"; International Journal of Hybrid Information Technology; 2014; Vol. 07; Issue 03; Page. (15-24); ISSN No. 1738-9968; **UGC Approved**

28. P.K.Dey & **D.N.Ghosh** & A. C. Mondal; "IPL Team Performance Analysis: A Multi-Criteria Group Decision Approach in Fuzzy Environment"; International Journal of Information Technology and Computer Science, Hong Kong; 2015; Vol. 07; Issue 08; Page. (08-15); ISSN No. 2074-9015 **UGC APPROVED**

29. S. Dey & **D. N. Ghosh; "**Non-Teaching Staff Performance Analysis Using Multi-Criteria Group Decision Making Approach**";** International Journal of Education and Learning, Australia; 2015; Vol. 04; Issue 02; Page. (35-50); ISSN No. 2234-8034.

30. K.M.Hossain, **D.N.Ghosh,** K.Ghosh & A. K. Bhattacharya; "Complexity in Solar Irradiance From the Earth Radiation Budget Satellite"; IEEE SYSTEMS JOURNAL; 2015; Vol. 09; Issue 02; Page. (487-494); **SCOPUS.**

31. S. Dey & **D. N. Ghosh; "**An Integrated Approach of Multi-Criteria Group Decision Making Techniques to Evaluate the overall Performance of Teachers**";** International Journal of Advanced Research in Computer Science (IJARCS); 2016; Vol. 07; Issue 05; Page. (38-45); ISSN No. 0976-5697; **UGC CARE LISTED**

32. S. Dey & **D. N. Ghosh; "**Ranking of Students for a Project in Engineering Education Through Multi-Criteria Decision Making Techniques: A Case Study**";** The Bulletin of Engineering & Science; 2016; Vol. 07; Issue 02; ISSN No. 0974-7176.

33. A.Banerjee, **D.N.Ghosh** & S.Pal; "Modified Firefly Algorithm for Area Estimation and Tracking of Fast Expanding Oil Spills**";** Applied Soft Computing, **Elsevier SCIE; SCOPUS; DOI: https://doi.org/10.1016/j.asoc.2018.09.024.**

34. Sukarna Dey Mondal, **Dipendra Nath Ghosh**; "Comparative Evaluation of Students' Performance in Campus Recruitment of a Technical Institution through Fuzzy-MCDM Techniques", International Journal of Computer Sciences and Engineering, Jan 2019, Vol. 7, Special Issue.1, E-ISSN: 2347-2693 DOI: 10.26438/ijcse; **UGC CARE**

35. P.K.Dey, A. Banerjee, **D.N.Ghosh; "**Optimising IPL squad composition: a mathematical framework for efficient team selection on a limited budget in a multi-criteria, multi-objective environment "; International Journal of Data Analysis Techniques and Srategies; 2024; Vol. 16; No. 3; Page. (311--340); DOI: 10.1504/IJDATS.2024.140649; **SCOPUS**

36. Sukarna Dey Mondal, **Dipendra Nath Ghosh**, Pabitra Kumar Dey "Statistical-based Multi-Criteria Decision-Making Approach for prediction of the grade of an Institution in NAAC", International Journal of Mathematics in Operational Research (IJMOR),Inderscience, April18,2024, pp 317-327, https://doi.org/10.1504/IJMOR.2024.138055. **(SCOPUS INDEXED)**

Conference:

1. A. Banerjee, **D.N.Ghosh** & S.Pal; "Repulsion-Propulsion Firefly Algorithm with Fast Convergence to Solve Highly Multi-Modal Problems**";** IEEE Conference Location: Prague, Czech Republic; 2018 **DOI: 10.1109/ICITCS.2016.7740365.**

2. A. Banerjee, **D.N.Ghosh** & S.Pal; "A Gamma-Levy Hybrid Meta Heuristic for Hyper Parameter Tuning of Deep Q Network**";** CIPR-2019 IIEST ,Shibpur; 2019; **DOI: https://doi.org/10.1007/978-981-13-9042-5_54**.

3. A. Banerjee, **D.N.Ghosh** & S.Pal;" Evolving Network Topology in Policy Gradient Reinforcement Learning Algorithms**";** ICACCP-2019, SIKKIM, SMIT; 2019; DOI: **10.1109/ICACCP.2019.8882916.**

4. **Dipendra Nath Ghosh,** Koushik Ghosh & Abhoy Chand Mondal; "The Maximum Likelihood Method to Find the Variability in Given Time-Dependent Data"; National

Symposium On Mathematics And Its Applications (NSMA-2004), Department of Mathematics, University of Burdwan, Burdwan

5. **Dipendra Nath Ghosh,** Koushik Ghosh & Abhoy Chand Mondal; "A Suitable Technique For Filtering a Time-Dependent Data By the Method of Neural Network"; ISRAMA – 2004, Calcutta Mathematical Society, Calcutta

6. **Dipendra Nath Ghosh,** Koushik Ghosh & Abhoy Chand Mondal; "Selection of Best Aspirant for Software Establishment Through Fuzzy Multi-Criteria Decision Making Approach"; Technology, Science & Society: Redefining Global Challenges, The New Horizons Institute of Technology

7. K.M.Hossain, **D.N.Ghosh,** K.Ghosh ; "Scaling Analysis of National Stock Exchange Index"; IEEE National Conference on Computing and Communication Systems (Proceedings), UIT, Burdwan

8. K.M.Hossain, **D.N.Ghosh,** K.Ghosh; "Relationship Between USA and Indian Stock Markets: A Time Series Analysis"; Proceedings of Third National Conference on Uncertainty: A Mathematical Approach, Burdwan Womens' College

9. Sukarna Dey Mondal, **Dipendra Nath Ghosh**, Pabitra Kumar Dey; "Investigate the Reason for Students' Absenteeism in Engineering College in Fuzzy MCDM Environment"; Proceedings of AORBI 2021; Published by Springer in their prestigious Book Series, indexed by **SCOPUS**

10. Sukarna Dey Mondal, **Dipendra Nath Ghosh**, Pabitra Kumar Dey; "Prediction of Future Career Course of Students through Random Forest Algorithm"; International Conference on Advances in Data Science and Computing Technologies (ADSC), June 23-14, 2022, Dept of Computer Science, Kazi Nazrul University, Asansol; (*Proceeding will publish in "Lecture Notes in Electrical Engineering" of "Springer Nature", Scopus indexed*).

11. Sukarna Dey Mondal, **Dipendra Nath Ghosh**, Pabitra Kumar Dey "Prediction of NAAC Grades for Affiliated Institute with the help of Statistical Multi Criteria Decision Analysis", National Conference on Recent Trends in IOT, Machine Learning, Artificial Intelligence and its applications (NCRIMA 2021), 7th May 2021, Volume 1 NCRIMA 2021, pp.15-25, ISBN-13: 978-620-4-73542-9 ISBN-10: 620473542X

12. Sukarna Dey, **Dipendra Nath Ghosh**; "Selection of Best Aspirant for Software Establishment through Fuzzy Multi-Criteria Decision-Making Approach" National seminar on "Technology, Science & Society: Redefining global Challenges", 12th March 2015, organized by The New Horizons Institute of Technology, Durgapur

13. Sukarna Dey Mondal, **Dipendra Nath Ghosh**, Pabitra Kumar Dey "A Multi-Criteria Model of Selection of Students for Project Work based on the Analysis of their Performance" International Conference on "Nonlinear Dynamics and Applications (ICDNA 2022)".9–11March 2022,organized by Department of Mathematics,Sikkim Manipal Institute of Technology (SMIT), India proceeding published on October 6, 2022 in "Nonlinear Dynamics and Applications", Springer Proceedings in Complexity. Springer, Cham. pp 873-882, https://doi.org/10.1007/978-3-030-99792-2_73 **(SCOPUS INDEXED)**

14. Sukarna Dey Mondal, Namita Tudu, Payel Karmakar, Samiha Baksi, **Dipendra Nath Ghosh**, Pabitra Kumar Dey: "Machine Learning-Driven Feature Selection for Performance Analysis in Student Mental Health", presented in International Conference on Analytics Global Conference 2024 (AGC 2024)", 6-7 March 2024, organised by ASI Kolkata Chapter. Proceeding will be published soon. (SCOPUS INDEXED)

Books:

i) Dr. Swapan Kr. Sarkar**, Dr. Dipendra Nath Ghosh;** Numerical Methods and Programming (Aryan Pub. House, Kolkata), Jan, 2012, ISBN: 81-921653-7-X

ii) **Dr. Dipendra Nath Ghosh;** Discrete Mathematics (Academic Publishers), Jan, 2016, ISBN: 978-93-83420-61-2

iii) **Dr. Dipendra Nath Ghosh,** Dr. Swapan Kr. Sarkar**;** Engineering Mathematics-IIB (Aryan Pub. House, Kolkata), Jan, 2019, ISBN: 9788193894224

Book Chapter:

1. K.M.Hossain, D.N.Ghosh, K.Ghosh & A. K. Bhattacharya; "Soft Computing Based Statistical Time Series Analysis, Characterization of Chaos Theory and Theory of Fractals" Page. (30-61); Handbook of Research on Computational Intelligence for Engineering, Science and Business. Bhattacharyya, Siddhartha; Paramartha Datta; IGI Global; ISBN/ISSN No.- 1466625198, 9781466625198

2. Sukarna Dey Mondal, Dipendra Nath Ghosh, Pabitra Kumar Dey "A Multi-Criteria Model of Selection of Students for Project Work based on the Analysis of their Performance" Proceeding published in "Nonlinear Dynamics and Applications", Springer Proceedings in Complexity. Springer, Cham. https://doi.org/10.1007/978-3-030-99792-2_73.

3. Sukarna Dey Mondal, Dipendra Nath Ghosh, Pabitra Kumar Dey "Investigate the reason Synopsis for students' absenteeism in Engineering College in Fuzzy MCDM environment" Proceeding will publish in "Lecture Notes in Operations Research" of "Springer Nature", Scopus indexed, online available from 20th March 2023.

Supervision of Ph.D/M.Tech / B.Tech Projects:

For Ph.D

1. Avijit Banerjee, NIT Durgapur, No. NITD/PhD/CA/2016/00752, dated May 23, 2016

   (Awarded).

   Title of the Thesis: Distributed Unmanned Aerial Vehicle (UAV) Control Strategies For Dynamic Oil Spill Area Mapping

2. Sukarna Dey Mondal, MAKAUT, No. PhD/Science/Math006/2018

   Title of the Thesis: Critical Analysis of Quality of Higher Education in Indian scenario using Statistical and Fuzzy based Multi-Criteria Decision Model

3. Moulipriya Sarkar, MAKAUT, No. PhD/Science/Math007/2018

   Title of the Thesis: Dynamical Behaviour of A Prey- Predator Species-A Study on Different Aspects

Projects: (M. Tech.)

1. Atanu Kumar Pal: Fundamentals of High Accuracy Inertial Navigation, May, 2012

2. Dipanjan Banerjee: A Truthful Online Double Auction Mechanism for Cognitive Radio Systems, May, 2013

3. Tapajyoti Chakraborty: Optimized Decision Making in Medical Diagnosis using Soft Computing Techniques, May, 2013

4. Debolina Mukherjee: Selection of Best Operating System using AHP-TOPSIS, May, 2014.

Participation in seminar/conference/symposium/workshop/discussion meeting

Name of Conference/ Seminar	Duration	Organized by
Supply Chain Management Oriented Decision Support System	15-16 January,2010	ORSI- Durgapur Chapter
Recent Advances in Computer Science	17-19 March,2008	Deptt. Of Computer Science, University of Burdwan, Burdwan
Think-IoT 2017.v1-Booting IoT: An Introduction to the IoT Platform	28th -29th April, 2017	The Institute of Engineers (India), Durgapur Local Chapter & Deptt. Of Computer Science and IT, BCREC, Durgapur
Online Learning Workshop for Faculty	15th-17th April, 2020	QASPIR
Living With COVID-19	28th June, 2020	West Bengal University Officers Association
International Conference on Advances in Data Science and Computing Technologies (ADSC)	June 23-14, 2022	Dept of Computer Science, Kazi Nazrul University, Asansol

Participation in faculty development programmes:

1. Participated in a 40 hours online FDP titled " Data Science for ALL" jointly organised by Electronics and ICT Academics – NIT Warangal, IIITDM Jabalpur and NIT Patna during 27th July – 8th Aug, 2020; Certificate No.: EICT/NITP/98/CSE/044/2020.

2. Participated in One Week International Faculty Development Programme on
3. "Emerging Trends & Technologies in Data Science" Organized by Department of Computer Science and Engineering, GMR Institute of Technology, Rajam, Andhra Pradesh during 24th – 29th August 2020; Certificate No.:A2H7Z8 – CE000198

4. Participation in World's Largest 1 Week HANDS-ON Faculty Development Program on "Artificial Intelligence using Python" organised by Department of Computer Science & Technology of Dr. B. C. Roy Polytechnic in association with Brainovision Solutions India Pvt.Ltd. & National Youth Council of India held from 14-09-2020 to 19-09-2020

Participation in administrative committees

- Conducted WBJEE in 2011 as **Asstt. Centre-in-Charge and IIT-JEE** in 2011-2014 as **Centre-in-Charge** at Dr. B. C. Roy Engineering College, Durgapur.

- Nominated as **Supporting Officer** for the workshop on implementation of the Scheme of All India Survey on Higher Education at Gandhi Bhavan, Jadavpur University on 22nd August, 2013.

- Worked as **Head in the Department of Basic Science & Hu** of Dr. B. C. Roy Engineering College, Durgapur from the year of 2012 to April, 2019

- Appointed as **Member Secretary of Anti-ragging Committee** of Dr. B. C. Roy Engineering College, Durgapur.

- **Faculty Representative in Board Of Governors** of Dr. B.C.Roy Engineering College, Durgapur from the month of April, 2016 to April, 2019.

- Selected as **Associate Editor of the journal**, Bulletin of Engineering and Science.

- Nominated as a member of the **Central Inspection Team** to inspect the affiliated colleges under KNU, Asansol.

- Nominated as one of the members of the **KNU Information & Communication Technology Committee.**

- Chairman of **UG Examinations Monitoring Committee**, KNU

- Appointed as **Paper Setter, Examiner** in the Dept. of Computer Sc, University of Burdwan from 2005 to 2011.

- Appointed as **Paper Setter, Examiner** in the Dept. of Computer Sc, Kazi Nazrul University, Asansol from 2020 onwards.

- Appointed as **Board Observer** for the West Bengal Joint Entrance Exam-2022 (WBJEEB-2022)

- Nominated as a member of **Screening Committee for recruitment** of the "Registrar" and "Inspector of Colleges" of Kazi Nazrul University, Asansol.

- Nominated as a member of **Maintaining Rules & Regulations of Private (Self Financing) Colleges and Law Colleges**

- Nominated as a member of **Software Review Committee, Bankura University**

- Appointed as **Roving Observer** for the West Bengal Joint Entrance Exam-2023 (WBJEEB-2023)

Google Scholar Link:
https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=HQ6JWRcAAAAJ&pagesize=80

Scopus ID: 54398565900

Membership of professional bodies:

1. **PROFESSIONAL MEMBERSHIPS:** Calcutta Mathematical Society, ORSI (Membership No. – 2063/D/15/MO), IAENG (Membership No. 114629).

Signature of the Candidate