



MRINAL NATH

Assistant Professor of Computer Science

BRIEF

CONTACT

DEPARTMENT: Computer Science

SCHOOL OF STUDIES:
School of Sciences

DATE OF JOINING:
16-10-2015

ADDRESS:
School of Sciences, Kalyani Regional
Center, Ghoshpara Station Road,
Kalyani, Nadia- 741235, West
Bengal, India,

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ACADEMIC QUALIFICATION

Master of Computer Application

TEACHING EXPERIENCE (7 YEARS)

Netaji Subhas Open University, Assistant Professor of Computer Science

Oct-2015–till date

RESEARCH INTERESTS & EXPERIENCE

- ✓ Machine Learning
- ✓ Data Mining
- ✓ Statistical Computing
- ✓ Image Processing
- ✓ Data warehousing

ADMINISTRATIVE EXPERIENCE

- ✓ Worked as a member of NAAC steering committee.
- ✓ Development of Computer Laboratory in Kalyani and Durgapur Campus (Planning, tendering, feasibility study, Communication with vendors etc.)
- ✓ Organizing Laboratory Counselling and Evaluation Session for Different Science Subjects (Preparation of Counselling Schedule, Communication with Co-coordinators and Learners)

UG & PG TEACHING ASSIGNMENTS

- ✓ Introduction to C programming – EMT16
- ✓ Computer Programming and Numerical Lab – CCMT06
- ✓ Computer programming and its application to Numerical Analysis –PGMT 4B
- ✓ Numerical Analysis – PGMT4A
- ✓ Graph Theory – PGMT8B
- ✓ Advance Operation Research – PGMT10B

MEMBERSHIP OF DIFFERENT COMMITTEES

- ✓ NAAC Steering Committee

ELIGIBILITY TEST CLEARED (NET/SET/GATE etc.):

Sl. No.	Details
1	NET (UGC) - June-2012
2	GATE(CS) - 2008

RESEARCH PROJECTS:

Sl. No.	Name of the Project	Funding Agency	Period	Grant Mobilized	Outcome
1	Measuring the Effectiveness of ODL system using Data Mining Technology in the context of NSOU	UGC-DEB	FY-2015-16	50000	Project Report

MOOCs

Sl. No.	Development of complete MOOCs in 4 quadrants (credit course)	MOOCs per module/Lecture	Content writer/subject matter expert for each module of MOOCs	Course coordinator for MOOCs
1	Introduction to C Programming (EMT16-Practical)	5 modules 30 recorded lectures	Mrinal Nath	Mrinal Nath
2	Computer Programming and Numerical Analysis Lab (CCMT06)	7 Modules 40 recorded lectures	Mrinal Nath	Mrinal Nath

E-CONTENT

Sl. No.	Details	Quadrant I/II/III/IV	Link
1	Fundamentals of C – Array and Function	1	http://www.wbnsou.ac.in/online_services/video_lecture/video_lecture.shtml#active_avl
2	Fundamentals of C Pointer and String	1	http://www.wbnsou.ac.in/online_services/video_lecture/video_lecture.shtml#active_avl
3	Graph Theory (Planar Graph)	1	http://www.wbnsou.ac.in/online_services/video_lecture/video_lecture.shtml#active_avl

DETAILS OF PUBLICATIONS (BOOKS/ EDITED VOLUME / RESEARCH PAPERS/REVIEW): [Last 10 Year]

Sl. No.	Title of the paper vol. No., Issue No., Page No, Year	Publisher	Year of publication	ISSN/ ISBN
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1	Students Retention in Open and Distance Learning (ODL) System: Some Mathematical and Computational Model to Analyze and Predict the Potential Risk of being Dropout.	Netaji Subhas Open University	2018	978-93-82112-66-2
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PAPERS PRESENTED AT SEMINARS, CONFERENCES, WORKSHOPS, ETC.: [Last 10 Year]

Sl. No.	Title of Paper/ Lecture	Organizing Institute	Conference, Seminar, workshop etc	Role (Paper presenter/ invited talk/ chairperson)	International (Within Country)/ International (Abroad)/National
1	Students Retention in Open and Distance Learning (ODL) System: Some Mathematical and Computational Model to Analyze and Predict the Potential Risk of being Dropout.	Netaji Subhas Open University	Conference	Paper presenter	National

PROGRAMMES COORDINATED/ ORGANISED AS CONVENER / ORGANISING SECRETARY AT NETAJI SUBHAS OPEN UNIVERSITY: [Last 5 Year]

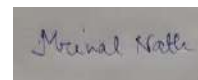
Sl. No.	Programme Name	Sponsored by	Period
1	One-day Workshop on 'A Capacity Building Approach to Laboratory Based Programmes in ODL Mode' – (Role – Organizing Secretary)	NSOU	26-09-2022
2	One-day National Conference on "Distance Education and its Obscurities: addressing the "Inaccessibility" Conundrum in Mathematics and Other" – (Role – Organizing Secretary)	NSOU	09-06-2018

TUTORIALS / PRACTICAL / PROJECT SUPERVISION & FIELD WORK: [Last 5 Year]

Sl. No.	Type of Work	Related Programme	Year
1	PRACTICAL	PGMT4B Computer Training	2022,2021,2020,2019,2018,2017,2016
2	PRACTICAL	EMT16 Numerical Analysis Lab	2022,2019,2018,2017
3	PRACTICAL	CCMT06 Numerical Analysis Lab	2022

Declaration: I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Date: 25/11/2022



Signature