

CURRICULUM VITAE

Mausumi Das Nath

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SCHOLARSHIP

Received scholarship from TEQIP Phase II during September 2013-June 2015 for pursuing M.Tech (Information Technology) at RCCIIT, Kolkata.

PROFESSIONAL QUALIFICATION

- Pursuing Research works.
- M.Tech in Information Technology from RCCIIT under MAKAUT in 2015 (DGPA-8.67; YGPA-9.17).
- PGDIT(Post Graduate Diploma In Information Technology) from Symbiosis, Pune'2010.
- MCA(Master in Computer Application) from IGNOU, June' 2003.
- 'O' Level conducted by DOE(Govt. of India) in 1998.
- Post Graduate Diploma in Computer Science (2 years) from Lakhotia Computer Centre in 1997.
- Qualified Structured Systems Analysis & Design examination conducted by COMPUTER SOCIETY OF INDIA in September 1997.

TEACHING EXPERIENCES

- Guest lecturer at Jogomaya Devi College, Kolkata.
- Faculty at St. Xavier's College(Autonomous), Kolkata for B.Com(Morning).
- Counsellor at St.Xavier's College (Autonomous), for IGNOU (MCA papers).
- Served as a guest faculty at St. Xavier's College (Autonomous), Kolkata from Jan'2011 till Jun'2017 for B.Com and BBA and also, taught at St. Lawrence Campus .

- Served as a Teaching Assistant in the Department of Information Technology, RCCIIT, Kolkata.
- Served as an Assistant Professor at ABSS Institute of Higher Education for BCA, BBA department from Sept'2001 to July'2013.
During the above tenure, carried out several academic-cum-administrative jobs like guiding several projects, subject allocation, class scheduling, conducting internal exams, attendance monitoring, etc.
- Served as a guest faculty at GLF School of Management (affiliated to Vidyasagar University) for MBA (Computer Application).
- Served as a guest faculty at Srimati Techno Institution (affiliated to Punjab Technical University) for BCA and MCA.
- Served as a Part Timer at Industrial Training Institute(General & Women) for teaching Computer Studies.
- Served as Counsellor at Dinabndhu Andrews College for CIC, BCA & MCA.

PROFESSIONAL ACTIVITIES

- Invited as an external examiner for colleges affiliated to Calcutta University.
- Invited as Reviewer of Elsevier and other international journals.
- Invited as Resource Person for IGNOU-B.Ed Workshop II.
- Listed as an empanelment expert of O' level of NIELIT (formerly DOE).
- Assisted in writing a book chapter on Content based Video Retrieval.
- Examiner of BCA & MCA conducted by IGNOU.
- Ex-examiner and paper setter of WBUT (BCA).

PUBLICATIONS

- Presented paper titled "Object-oriented Modelling of Kerberos Based Authentication Process In E-Banking Transaction", at the First International Conference on Innovations in Computer Science(ICICS-2018) on 22nd December'2018, Department of Computer Science, University of Burdwan, to be published in International Journal of Computer Science.
- Bhaumik, H., Bhattacharyya, S., **Mausumi Das Nath**, Chakraborty, S. (2015, April). Real-Time Storyboard Generation in Videos Using a Probability Distribution based Threshold. In *Communication Systems and Network Technologies (CSNT), 2015 Fifth International Conference on* (pp. 425-431). IEEE.

- Bhaumik, H., Bhattacharyya, S., **Mausumi Das Nath** & Chakraborty, S. (2016). Hybrid soft computing approaches to content based video retrieval: A brief review. *Applied Soft Computing*.
- Published an article on Video Summarization in RCCIIT magazine “Iterate”.

PARTICIPATION IN CONFERENCES/SEMINARS/WORKSHOPS

- Been an organizing team member in a One Day Skill Development Programme on Advanced Excel-A Professional Approach, organized by Department of Information Technology(Commerce) of St. Xavier’s College (Autonomous), Kolkata.
- Participated in the seminar on Intellectual Property Law and Internet held at St.Xavier’s College(Autonomous),Kolkata,organized by the Department of Computer Centre and Central Computing Facilities.
- One Day Skill Development Programme, Workshop On GST Through Computerized Accounting, organized by Department of Information Technology(Commerce), of St. Xavier’s College (Autonomous), Kolkata and Silicon Systems Kolkata.
- Prospects of NAAC Accreditation and Impacts of GST On Higher Education, organized jointly by IQAC, Harimohan Ghose College & The Institute of Cost Accountants of India.
- National Conference On Computing, Electronics & Electrical Engineering (NCCEEE), organized by Pailan College of Management & Technology.
- Seminar on MATLAB & Simulink, organized by the Department of Computer Science of St.Xavier’s College(Autonomous), Kolkata with Elmax projects & Services Pvt. Ltd.
- TEQIP Phase II sponsored One week Staff Development Program on “MATLAB: Applications In Engineering”, organized by the Department of Information Technology Of RCC Institute of Information Technology.
- Third International Conference on Emerging Applications of Information Technology (EAIT 2012),Organized by Computer Society of India Kolkata Chapter.

PERSONAL PROFILE

- **Languages Known:** Bengali, English & Hindi
- **Membership:** CSI (Computer Society of India)
- **Interest:** Music