

FACULTY PROFILE

Name: Dr Sajid Nagi
E-mail: sajidnagi@gmail.com
Joined on: 1st June 1992

Educational Qualification:

1. **PhD in Computer Science & Engineering** from TEZPUR UNIVERSITY, Tezpur, Assam
2. **Master of Computer Applications (MCA)** - First in class with Top Rank from Jorhat Engineering College, Dibrugarh University, Jorhat, Assam
3. **Post-Graduate Diploma In Computer Application (PGDCA)** from Indian Institute of Business Management, Patna, Bihar, India
4. **BSc (Hons)** - Third Rank in the University from St. Edmund's College, North-Eastern Hill University (NEHU), Shillong, Meghalaya, India

Teaching Experience: 31 years

- St. Edmund's College, North-Eastern Hill University, Shillong, Meghalaya, India as Associate Professor & Head, Dept of Computer Science, from June 1992 - Current
- Jorhat Engineering College, Dibrugarh University, Jorhat, Assam, India - Lecturer in Computer Science, August 1991 - May 1992

Research Experience

- Worked on Data Mining and Bioinformatics and its applications to gene expression data analysis with special reference to cancerous genes and complex detection from protein-protein interaction networks

Special recognition / Award / Scholarship

- MCA (1991) GOLD MEDALIST - secured 1st Position in all the 6 (six) semesters of the MCA course, Dibrugarh University
- BSC (HONS) (1986) - secured 3rd Position in North-Eastern Hill University
- FRAMED THE SYLLABUS COMPUTER SCIENCE as a subject at under-graduate level at its very inception for the Colleges under NEHU in 1992
- HONOR CONFERRED BY LEO CLUB - 5th Sept. 2000 for contribution as a teacher

Research Interests:

Data Mining • Analysis of Gene Expression Data using Supervised and Unsupervised Learning
•Complex Detection from Protein-Protein Interaction Networks • Analysis of Differential Gene Expressions from RNA-Sequence Data

Member of Academic Bodies:

- Member of the College NAAC Core Committee and IQAC.
- Member of the Syllabus Committee of B.Sc (Computer Sc), B.Tech(IT) and BCA for NEHU.
- Member and Subject Expert of the Selection Committee for Appointment of Lecturers in the College and for other Colleges under NEHU.
- Paper-setter and Moderator for B.Sc(CSc), BCA, B.Tech(IT), B.Tech(ECE), B.Com for NEHU, Nagaland University and Mizoram University.
- Examiner for B.Sc (CSc), BCA, B.Tech(IT), B.Tech(ECE), B.Com for NEHU.
- Chairman of the Syllabus Committee of Computer Sc. and developed the syllabi for Class V to XII for Meghalaya Board of School Education (MBOSE).

Journal publications:

1. **S Nagi**, D K Bhattacharyya and J K Kalita. **Complex Detection from PPI Data Using Ensemble Method.** *Network Modeling Analysis in Health Informatics and Bioinformatics* (NetMAHIB). Springer. 6(1) 3: 1 – 13, 2017. DOI:10.1007/s13721-016-0144-3. ISSN 2192-6662.
2. **S Nagi** and D K Bhattacharyya. **Cluster Analysis of Cancer Data using Semantic Similarity, Sequence Similarity and Biological Measures.** *Network Modeling Analysis in Health Informatics and Bioinformatics* (NetMAHIB). Springer. 3(1) 67:1-38, 2014. DOI 10.1007/s13721-014-0067-9. ISSN 2192-6662.
3. **S Nagi** and D K Bhattacharyya. **Classification of Microarray Cancer Data using Ensemble.** *Network Modeling Analysis in Health Informatics and Bioinformatics* (NetMAHIB). Springer. 2(3):159-173, 2013. DOI: 10.1007/s13721-013-0034-x. ISSN 2192-6662.
4. **S Nagi**, D K Bhattacharyya and J K Kalita. **A Preview on Subspace Clustering of High Dimensional Data.** *International Journal of Computers and Technology*, 6(3): 441-448, 2013. ISSN 2277-3061.
5. **S Nagi**, D K Bhattacharyya and J K Kalita. **Subspace Clustering in Gene Expression Data: Challenges and Issues.** in *Machine Intelligence: Recent Advances*, 211-219, 2011, Narosa Publications., Delhi, India. ISBN: 978-81-8487-140-1.
6. **S Nagi**, D K Bhattacharyya and J K Kalita. **Gene expression data clustering analysis: A survey.** *Proc. of NCETACS, 1-12, 2011, IEEE Explore.* ISBN: 978-1-4244-9579-5.

Text Book Publications:

COMPUTER SCIENCE AND APPLICATIONS FOR CLASS VIII; Publisher: Evergreen Publications, New Delhi; [ISBN-81-7313-606-X]

COMPUTER SCIENCE AND APPLICATIONS FOR CLASS IX; co-author: L. T. Vantawl; Publisher: Evergreen Publications, New Delhi; [ISBN-81-7313-605-X]

COMPUTER SCIENCE AND APPLICATIONS FOR CLASS XII; Publisher: Evergreen Publications, New Delhi; [ISBN-81-7313-664-5]

UNDERSTANDING COMPUTER SCIENCE AND APPLICATIONS - CLASS XI; Publisher: C & P Enterprises, Guwahati; [ISBN-81-89953-34-6]

UNDERSTANDING COMPUTER SCIENCE AND APPLICATIONS - CLASS XII; Publisher: C & P Enterprises, Guwahati; [ISBN-81-89953-57-5]

COMPUTER SCIENCE AND APPLICATIONS FOR CLASS 9, (New Edition); Publisher: Evergreen Publications, New Delhi; [ISBN-81-7313-607-X]

Additional Responsibilities since 2018 (in St. Edmund's College)

- Member of NAAC Small Group Committee
- Teacher in-charge of Bench Press and Strongest Edmundian Competition
- DBT Programs
- Gym In-charge