

**Dr. Arup Sarmah**  
**Phone No: +91 9864938915(M)**  
**E-Mail: [arupsarmah21@gmail.com](mailto:arupsarmah21@gmail.com)**  
**Department of Computer Science**  
**Pub Kamrup College**



**Basic Information:**

Father's Name : HirendraNath Sarmah  
Mother's Name : Hemalata Devi  
Date of Birth : 1st March, 1988  
Sex : Male  
Marital Status : Married  
Nationality : Indian  
Language : English, Assamese, Hindi  
Permanent Address : Vill + PO: Pingaleswar, Dist: Kamrup  
Assam, PIN: 781381  
Present Address : Do

**Academic Qualification**

Name of Examination	Board/ University	Percentage (%)	Division/ Class/ Grade	Year of passing
PhD	Gauhati University			31 <sup>st</sup> July, 2021
MCA	Tezpur University	75.80	1 <sup>st</sup> class	2012
B. Sc. (Physics)	Gauhati University	60.00	1 <sup>st</sup> class	2009
H.S	AHSEC	63.40	1 <sup>st</sup> div	2006
HSLC	SEBA	75.67	1 <sup>st</sup> div	2003

**Research Publications:**

- [1] **Arup Sarmah** and ChandanJyotikumar, "Iris Verification Using Legendre Moments and KNN Classifier", IJESI, ISSN (Online): 2319 – 6734, Volume 2 Issue 8, August 2013, PP.52-59
- [2] **Arup Sarmah**, Rajesh Mandal&MridulBhattacharyya, "Content Based Image Retrieval Using Color, Shape and Texture", IJARCS, ISSN. 0976-5697, Volume 5, No. 1, Jan-Feb 2014
- [4] ArbinduDey, **Arup Sharmah** and ChandanJyoti Kumar, "Analysis and Modeling of an effective anomaly Detection Techniques for Detecting Data Exfiltration of Network", International Journal of Modern Computer Science, ISSN: 2320-7868, Volume 2, Issue 5, October, 2014.
- [3] TanmayBhadra, Joydeep Sonar, ChandanJyoti Kumar and **Arup Sarmah** "Pedestrian Detection: A Survey of Methodologies, Techniques and Current Advancements", IJSRET, ISSN (Online): 2278 – 0882, Volume 4 Issue 1, January 2015
- [4] A. Hazarika, **A. Sarmah**, Pankaj Kalita and B K Dev Choudhury; Discriminant Correlation Based Information Fusion for Real-time Biomedical Signal Clustering; 2017; **Springer Lecture notes on Electrical Engineering**; ISSN: 1876-1100
- [5] **A. Sarmah**, A. Hazarika, Pankaj Kalita, B K Dev Choudhury; A Subspace Projection Based Feature Fusion: An Application to EEG Clustering; 2017; Proceeding of **IEEE International Conference on Signal Processing and Communication - ICSPC'17**, Karunya University, ISBN: 978-1-5090-6730-5

- [6] **A. Sarmah** , P. Kalita, and B K Dev Choudhury, “Discriminant featurelevel fusion based learning for automatic staging of EEG signals,”(EmergingSources Citation Index Scopus indexed) Healthcare Technology Let., vol. 5(6),pp. 226-230, 2018.
- [7] **A. Sarmah\***, S. Kalita and B. K. Dev Choudhury, “Inherent multi-view featurefusion using canonical correlation for classification of electroencephalogram(EEG) signals,”(UGC listed and Scopus indexed) International journal of appliedengineering research, Vol. 13, pp. 15908-15915, 2018.
- [8] **A. Sarmah\***, R. Lahkar, S. Kalita, and B. K. Dev Choudhury, “Feature fusion: Anapplication to biomedical signal,”(Scopus indexed) International journal of recenttechnology and engineering, Vol. 8(6), March, 2020.

### **Book Edited**

Development and Adaptation in Science, Engineering and Technology (ISBN: 978-93-81691-26-7) November, 2014

### **Book Chapter Publications**

- [1] **Arup Sarmah**, Pankaj Kalita and B K Dev Choudhury, “Biological pursuit on neural network through Matlab- a Preview”, Interdisciplinary Approach to Biological Science Research and Sustainable Development, ISBN: 978-93-83230-03-7, PP.368-382
- [2] **Arup Sarmah** and Dhanjit Das, “Computer Literacy for Biological Science”, Biotechnology and Bioinformatics- Tools, Techniques and Application, ISBN: 978-81-925698-6-4, PP.108-113
- [3] “Application of Image Processing Techniques in Printed Document Forensic”, Development and Adaptation in Science, Engineering and Technology, ISBN: 978-93-81691-26-7, PP.13-23
- [4] “Mathematical Aspects in The Modeling of Neural Network” in the Development and Adaptation in Science, Engineering and Technology, ISBN: 978-93-81691-26-7, PP.50-55
- [5] “Interaction of Computer Science and Mathematics” in the Development and Adaptation in Science, Engineering and Technology, ISBN: 978-93-81691-26-7, PP.71-73
- [6] Dhanjit Das &**Arup Sarmah**.“Cryptography” in the Development and Adaptation in Science, Engineering and Technology, ISBN: 978-93-81691-26-7, PP.82-86"
- [7] ChandanJyoti Kumar, **Arup Sarmah** and Sanjib Kr Kalita“Methods For Optical Character Segmentation: A Review”, National seminar on Information Technology And Its Impact In Business, ISBN: 978-93-5235-674-4.August 2015.

### **Seminar, Conference& Workshop Attended/Coordinated**

- [1]**Presented** a paper entitled “Ecological Stability, - A Challenging Problem in Quantification” in the *International Conference on Climate Science* held at Cotton College Guwahati, Assam from on 7 & 8 March, 2016
- [2] Participated in a One Week Workshop on “Emerging Trends and Technologies in Computer Science ” held at Computer Science Dept., Gauhati University from on4th – 10th January, 2016
- [3] **Presented** a paper entitled “Computational Modeling of .....A Preview ” in the *National Seminar on Molecular Biology and Biotechnology Research in NE India*, held at Pub Kamrup College, BaihataChariali, Assam on 19 - 21 August, 2015
- [4] **Participated** in a One DayWorkshop on “Foundation of Fuzzy Set and Fuzzy Logic ”jointly organized by USTM, RIST & NIT, Silchar on7<sup>th</sup> February,2015.
- [5] **Participated** in a “One Week UGC Sponsored Workshop on Application of GIS in Geographical Studies” held at Pub Kamrup College, BaihataCharialion 4<sup>th</sup> - 10<sup>th</sup> May, 2015 .
- [6]**Presented** a paper entitled “Analysis and Modelling of an effective anomaly Detection for Detecting Data Exfiltrationof Network”, *National Conference on Emerging Global Trends in Engineering and Technology* held at Don Bosco of College of Engineering and Technology at Guwahati, Assam on 7- 8 March, 2014.

- [7] **Presented** a paper entitled “Biological pursuit on neural network through Matlab- a Preliminary approach”, *National Seminar on ‘Research in Biological Sciences for Sustainable Development with the Application of Mathematics and Allied Branches’* held at Bahona College, Jorhat, Assam on 10<sup>th</sup> – 11<sup>th</sup> May, 2013.
- [8] **Coordinated** a Workshop on “Stress Management among Adolescents” held at Pub Kamrup College, BaihataChariali, Assam on 5<sup>th</sup> April, 2014.
- [9] **Participated** in the Workshop on “Network Implementation & Security” held at Dept. of Computer Science, Gauhati University on 7<sup>th</sup> & 8<sup>th</sup> February, 2014.
- [10] **Participated** in the DBT sponsored Workshop “Application of Allied Sciences (Physics, Chemistry, Mathematics, Statistics, and Computer Science) in Life Science Study” held at Pub Kamrup College, BaihataChariali on 22nd 23rd & 24th March, 2013.

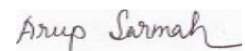
### **Experience**

**12-12-2012 –Current**, Asst. Professor, Computer Science Department, Pub Kamrup College, BaihataChariali (under Gauhati University)

### **Achievements/ Awards**

- [1] **National Brain Research Centre travel award** for presenting a poster in the national conference “Advances in Neuroimaging and its Applications in Cognitive Disorders” (ANACoD) at NBRC, Haryana during 3<sup>rd</sup> - 4th May, 2016.

Date: 25.03.2022  
Place: BaihataChariali



(Arup Sarmah)