

Curriculum Vitae

Miss. KAKALI DAS

Ph.D Research Scholar
Computer Science & Engineering Department
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OBJECTIVE:

To secure a challenging position within an organization which promotes a path for success while providing a stable work environment.

EDUCATIONAL QUALIFICATIONS:

- Currently pursuing Ph.D in Computer Science & Engineering, Tripura University, Suryamaninagar, 799022.
- Other Qualifications are as follows:

Year	Degree	Institute/Board	Percentage(%)
2014	M.Tech in Computer Science & Engineering	Tripura University	78.25%
2012	B.E in Computer Science & Engineering	Tripura Institute of Technology(TIT)	74.7%
2009	Diploma in Computer Science & Technology	Polytechnic Institute	73.7%
2006	Class X	TBSE	78.9%

PUBLICATIONS:

1. Kakali Das, Mrinal Kanti Bhowmik, Barin Kumar De, Debotosh Bhattacharjee, "Background Subtraction Algorithm for Moving Object Detection Using SAMEER-TU Dataset" Published in 4th International Conference on Soft Computing for Problem Solving (SOCPROS' 2014) to be held at National Institute of Technology Silchar, Dec 27-29, 2014, to be published by Springer.
2. Mrinal Kanti Bhowmik, Shawli Bardhan, Kakali Das, Debotosh Bhattacharjee, Satyabrata Nath, "Pain Related Inflammation Analysis using Infrared Images" Published in the SPIE International Symposium on Commercial + Scientific Sensing and Imaging, held at Baltimore Convention Center, Baltimore, MD, United States on April 17-21, 2016. Society of Photo-Optical Instrumentation Engineers (SPIE), USA

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3. Mrinal Kanti Bhowmik, Usha Rani Gogoi, Kakali Das, Anjan Kumar Ghosh, Debotosh Bhattacharjee, Gautam Majumdar, “**Standardization of Infrared Breast Thermogram Acquisition Protocols and Abnormality Analysis of Breast Thermograms**” Published in the SPIE International Symposium on Commercial + Scientific Sensing and Imaging, held at Baltimore Convention Center, Baltimore, MD, United States on April 17-21, 2016. Organized by Society of Photo-Optical Instrumentation Engineers (SPIE), USA.
4. Kakali Das, Gautam Majumder, Mrinal Kanti Bhowmik, “**Qualitative Measures of Breast Thermograms Towards Abnormality Prediction**” Published in the 8th International Conference on Computing Communication and Networking Technologies 2017 Organized by IIT Delhi, Delhi, India, held during July 3-5, 2017.

EXPERIENCE DETAILS:

- Currently working as a Junior Research Fellow from 08.08.2017 to till now in the project entitled as “Analysis of Medical Infrared images on occurrence of inflammatory Disease patterns towards abnormality detection/prediction and severity assessment in human body” funded by Indian Council of Medical research, Govt. of India, in the Department of Computer Science & Engineering, Tripura University (A Central University), Tripura, India.
- Working as a Project Assistant from 26.05.2014 to 31.05.2016, and as Junior Research Fellow from 01.06.2016 to 31.05.2017 in the project entitled, “*Design and Development of Techniques for Pain Management and Breast Cancer Detection using Infrared Imaging*” funded by Department of Biotechnology (DBT), New Delhi,, Govt. of India, in the Department of Computer Science & Engineering, Tripura University (A Central University), Tripura, India.

COMPUTATIONAL SKILLS:

- Languages: C, C++, Core Java, Matlab

PROFESSIONAL TRAINING:

- Undergone 1 month Industrial Training at RIELIT, Agartala on VB Technologies.
- Undergone 21 days Training for DBT-Twinning Project purpose at Jadavpur University, Kolkata.

PROJECTS:

- “**Online Shopping**” using HTML (undertaken as final year project in Diploma).
- A project on “**Creating Web Browser**” using JAVA language (undertaken as mini project in B.E)
- A project on “**Voice Controlled Computer Accessing System**” using C#.NET (undertaken as final year project in B.E).

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- A project on “**Moving Object Detection In Colour Video**” using MATLAB (undertaken as M.Tech project)

SEMINER / WORKSHOP ATTENDED :

- Participated in the UGC Sponsored National Workshops on “**Big Data Analytics**” held on 15th to 16th July, 2017 at Bir Bikram Memorial College, Agartala, India, organized by Department of Information Technology, BIR Bikram Memorial College, Agartala, West Tripura.
- Participated in “**Workshop on Machine Learning and Applications**”, held on 22th to 24th February, 2017 at Tripura University(A central University) organized by Department of CVPR unit, ISI, Kolkata and Department of Information Technology, Tripura University (A Central University).
- Participated in “**18th Workshop on Computational Information Processing**”, held on 4th to 5th February, 2016 at Dasaratha Deb Memorial College, Khowai, Tripura organized by Electronics and Communication Sciences Unit, ISI, Kolkata and Dasaratha Deb Memorial College, Khowai, Tripura.
- Participated in “**National Level Workshop on Computational Aspects of Inflammatory Pain Related Diseases**”, held on 20th November, 2015 at Tripura University(A central University) organized by Department of Computer Science and Engineering, Tripura University.
- Participated in “**Workshop on Big Data Analytics**”, held on 20th to 21st August, 2015 at ISI Kolkata, India, organized by ACM Student Chapter, ISI Kolkata and Indian Statistical Institute.
- Participated in “**Workshop on Emerging Areas in Wireless Networks & Communication**”, held on 1st and 2nd August, 2015 at Department of Computer Science and Engineering, Tripura University(A central University) organized by The Institution of Engineers (India), Tripura State Centre and Department of Computer Science and Engineering, Tripura University.
- Participated in “**Workshop On Fundamentals Of Image Analysis And Pattern Recognition**” held on 6th to 8th Feb, 2015 at Tripura University, Suryamaninagar-799022, India, organized by Dept. of Computer Science and Dept. of Information Technology
- Participated in the National Seminar on “**E-source and E-learning: Challenges and Opportunities for students**” held on 26th to 27th July, 2014 at Bir Bikram Memorial College, Agartala, India, sponsored by UGC.
- Participated in “**Workshop on Activities of Society for Applied Microwave Electronics Engineering & Research in Emerging Fields of Computer & Electronics Science & Engineering**” held on 5th July, 2014 at Tripura University,

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Agartala, India organized by Dept. of Compute Science and Dept. of Information Technology.

- Participated in “**Workshop on Rough Set and its Application**” held from 17th to 18th November, 2012 at Tripura University, Agartala,India organized by Dept. of Mathematics and FRSA .
- Participated in “**Workshop on Digital Holograpry**” held from 23rd to 24th May, 2013 at Tripura University, Agartala,India organized by Dept. of Compute Science and Dept. of Information Technology.

EXTRA QUALIFICATION:

- GATE qualified (2012)

PERSONAL DETAILS:

- Name: Kakali Das
- Father’s name: Mr. Kartik Das
- Date of Birth: 2nd March, 1990

- Present/Permanent address: C/O : Kartik Das
P.O. :Agartala, Area : Town Bardowali
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