SUDIPTA DAS
B.Tech in Computer Sc. & Engineering
M-Tech in Software Engineering.
Life Time Member of Indian Society for Technical Education
Life Time Member of IACSIT & IAENG.
E-mail: -sudipta.comp.engg@gmail.com
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❖ **Career Objective:** Intend to build a career with leading corporate of hi-tech environment with committed & dedicated people, which will help me to explore myself fully and realize my potential. Willing to work as a key player in challenging & creative environment.

❖ **Professional Qualifications:**

➢ Pursuing Doctorate of Philosophy in Computer Science & Engineering Department from Kalinga University, Raipur.

➢ M-Tech in Software Engineering (under Dept. of CSE) in 2011 from West Bengal University of Technology (In-house), Salt Lake with an average grade point of 7.44 (DGPA)

➢ B.Tech in Computer Science & Engineering in 2007, from Mallabhum Institute of Technology, under West Bengal University of Technology with an average grade point of 7.51 (DGPA)

❖ **Educational Qualifications:**

➢ Passed Higher Secondary (10+2) Examination in the year 2003, from West Bengal Council of Higher Secondary Examination.

➢ Passed Madhyamik (10th) Examination in the year 2001, from West Bengal Board of Secondary Examination.

❖ **Working Experience :**

1. Trainer of "HCL CDC" from Jan'08 to Feb'08.

2. Working as an Assistant Professor of Computer Science & Engineering Department at Mallabhum Institute of Technology, Bishnupur, approved by A.I.C.T.E. and affiliated to West Bengal University of Technology, since 18.07.2008 to 17.02.2023.

3. Now working as an Assistant Professor of Computer Science and Engineering Department at SOET, Adamas University, Barasat, from 22.02.2023 (till date)

❖ **Key Teaching Responsibilities:**

➢ Taught theoretical papers on Data Communication & Networking, Internetworking, Mobile Communication, Software Engineering, Operating System and Data Structure & Algorithmsetc.

➢ Guided final year under graduate students for their project work.

➢ Computer Networking Laboratory, Internetworking Laboratory and Software Engineering Laboratory.

❖ Extra-Curricular Responsibilities:

➢ Institute **KAPILA Team** (Institute Alumni/Industry Expert/Incubation Head) member. MoE's Innovation cell, AICTE.
➢ Institute **SPOC of NPTEL.**
➢ **NMICTE** RC-Coordinator.
➢ Guided and mentored a group of 30 students for the betterment of their overall improvement including education and extracurricular activities at Mallabhum Institute of Technology.
➢ Vice President of Mallabhum Institute of Technology Alumni Association **(MITAA).**
➢ Departmental Strategic planning, load distribution, final year project work planning, BOS and **NBA (Departmental coordinator).**
➢ Installation and commissioning of new equipment of Information Technology & Computer Science Engineering Department.
➢ Laboratory status and up gradation and proposal for additional laboratory equipment with space requirement for Information Technology & Computer Science Engineering Department.
➢ Active member of anti-ragging committee, Mallabhum Institute of Technology.
➢ Conduct WBUT semester examination (Supervisor), as well as JEM, JEE-Main, WBSSC, VOCLET, WBMSC examination (Assistant Centre-In-charge) as a member of Examination Board.
➢ Conduct IBPS (Online, TCS ION) examination as a member of Examination Board.

❖ Subject of Interest:

➢ Computer Networking, Internetworking, Software Engineering, Mobile Computing, Cyber Law & Ethics.

❖ Summer Training / Industrial Training:

➢ Vocational training at **C.M.C. Ltd., Repon Street, Kolkata,** in **Visual Basic 6**. (June'05-July'05)

➢ Vocational training at **Core Network Solutions**, M.I.T College, Braja Radha Nagar, Bishnupur, in **J2EE**. (September'05-November'05)

➢ Vocational training at **Ardent Collaborations, Salt Lake, Kolkata** on **VB.Net**. **(**June'06- July'06)

➢ Corporate Training at **HCL**, in **CCNA, N+,** and **A**+. (August'07-December'07)

❖ Seminar Presented:

➢ Presented seminar on "Graph theory**"** during sixth semester (2006)

➢ Presented seminar on "Fundamental of Computer Hardware & Assembling" during eighth semester (2007)

➢ Presented seminar on "Visual Up-gradation of Degraded Document Images" during submission of post-graduation thesis.

❖ Post Graduate Thesis: (M.Tech)

Project Title: Visual Up-gradation of Degraded Document Images.
University: West Bengal University of Technology

Duration: One Year

Environment: MATLAB 2010b.

Project Details:

There are currently millions of historical documents which have a high aesthetic value, stored in museums, libraries, government record offices and all over the world. To allow the preservation of these delicate documents while also providing wider access to scholars and researchers, the documents are scanned and made available as document images. Unfortunately, these documents are frequently degraded due to poor storage and damage over time and are difficult for a human to decipher. So it is common for such document to require a specialized processing in order to remove the degradations and made the document images visually sound.

In the present dissertation work a general study of different up gradation techniques of degraded document images is carried out. The study is extended to find out applying binarization method to degraded document image for visual up gradation as the present working scope. Binarization methods are applied to document images for discriminating the text from the background based on thresholding and filtering combined with image processing algorithms. The proposed binarization procedure consists of five discrete steps in image processing, for different classes of document images. The refinement techniques are also applied to further enhance the document image quality.

❖ Computer Skills:

➢ Knowledge in the Programming Language C, VB.Net,CCNA, Advanced Networking.

❖ Other Skills:

➢ Training on "Soft skills & Communication", and "Fundamentals of Computer Hardware & Assembling".

❖ Other Certified Courses:

➢ "**Advance Google Analytics**" form **Google Analytics Academy**.
➢ "**Introduction to Data Science**" from Alison.
➢ "**Google Fundamental of Digital Marketing**" from **Google** Analytics Academy.
➢ "**Data Science with Python**" from Simplilearn.
➢ "**Data Science with R Programming**" from Simplilearn.
➢ "**Google Analytics 360**" form **Google Analytics Academy**.
➢ "**Google Fundamental of Digital Marketing**" form **Google** Digital Unlocked Academy.
➢ "**Introduction to Data Science**" from **Cognitive Class**.ai powered by IBM Developer Skills Network.
➢ "**Introduction to Data Analytics**" from Simplilearn.
➢ "**Python 101 for Data Science**" from **Cognitive Class**.ai powered by IBM Developer Skills Network.
➢ "**Data Visualization with R**" from **Cognitive Class**.ai powered by IBM Developer Skills Network.
➢ "**Data Science Foundation Program**" from GreyCampus.
➢ "**Complete Data Science Bootcamp**" from **Udemy**.
➢ "**Fundamentals of Data Analytics**" from LEAPS Analyttica & **NASSCOM**.
➢ "**Machine Learning - Linear Regression**" from LEAPS Analyttica & **NASSCOM**.
➢ "**Univariate Exploratory Data Analysis using Python**" from LEAPS Analyttica.

❖ Workshop/Seminar/Conferences/FDP Attended:

➢ Participated & completed successfully online FDP on "**Recent Trends in Artificial Intelligence & Machine Learning and Its Applications** (5 Days)" program at **NSHM Knowledge Campus, Durgapur, West bengal** on **11th – 15th July 2022**.

➢ Participated & completed successfully "Awareness Session on NDLI & NDLI Club" , held on Nov. 24, 2021, Organized by the National Digital Library of India (NDLI).

➢ Participated & completed successfully online FDP on "**Computer System Security** (2 Weeks)"program

at **E&ICT Academy, IIT Kanpur** on **Aug'21**.

➢ Participated and submitted a paper titled "**Blockchain Technology in Digital Transformation**" ,**Paper ID MIT/RTET/201/35**, Authored by Swapna Halder and Sudipta Das, in **International Conference on Recent Trends in Engineering and Technology (RTET 2021)** , organized by **Mallabhum Institute of Technology**, West Bengal, India, during **18th to 20th March, 2021**.

➢ Participated Webinar on "**Awareness Webinar on Outcome based Education and Accreditation for the Engineering College in West Bengal**" organized by **National Board of Accreditation, New Delhi** and **Maulana Abul Kalam Azad University of Technology, West Bengal**, held on **15th December, 2020**.

➢ Participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online FDP** on "**Cyber Security**" from **2020-12-7** to **2020-12-11** at **IIT Bhilai**.

➢ Successfully participated in the ISEA project phase-II sponsored 5-Day Online Faculty Development Program on Application of **"Artificial Intelligence & Machine Learning in security"** held during **12th October to 16th October, 2020.**

➢ Successfully completed AICTE Training and Learning (**ATAL**) Academy, online FDP on **"Blockchain"** from **7-9-2020 to 11-9-2020** at Birla Institute of Technology Mesra.

➢ Successfully participated in the 4 –days Online **Course on Examination Reforms** conducted during 29April to 2 May 2020, **organized by AICTE**.

➢ Participated and successfully completed the online workshop on Universal Human Value on the theme "**Inculcating Universal Human Values in Technical Education**" **during 2-6 November, 2020** as organized by All India Council for Technical Education(**AICTE**).

➢ Participated and successfully completed 3-days "**Faculty Development Program for Student Induction(FDP-SI)**" during 18 - 20 July, 2019 at Sister Nivedita University, Kolkata organized by All India Council for Technical Education(AICTE).

➢ Successfully completed an **AICTE Approved Faculty Development Programme** (Three days)for **Student Induction Program**, July-2018.

➢ Successfully completed an AICTE Approved Faculty Development Programme (FDP201x) on **"Pedagogy for Online and Blended Teaching-Learning Process"** conducted by Indian Institute of Technology Bombay from September 14, 2017 to October 12, 2017.

➢ Successfully completed an AICTE approved Faculty Development Programme (FDP101x) on **"Foundation Program in ICT for Education"** conducted by Indian Institute of Technology Bombay from August 3,2017 to September 7,2017

➢ Attended one day Workshop for **"Android Application"** held at **Mallabhum Institute of Technology,** Bishnupur,W.B, on 9th Nov, 2016.

➢ Attended one day Workshop for **"Big Data and Hadoop"** held at **Mallabhum Institute of Technology,** Bishnupur,W.B, on 10th Nov, 2016.

➢ Attended one day NPTEL Workshop for **SPOCs** held at **IIT Kharagpur**, Kharagpur, W.B, on 18th June, 2016.

➢ Attended two days National Seminar for **"Environmental Hazards of E-wastes"** held at **Mallabhum Institute of Technology,** Bishnupur,W.B, on 17th -18th March, 2016.

➢ Attended one day Workshop for **" E-security,Network and Cyber Forensic "** held at **Mallabhum Institute of Technology,** Bishnupur,W.B, on 2nd March, 2016.

- Attended two days National Seminar for **"Recent Advances in Semiconductor and Solar Technology (RASST)"** held at **Mallabhum Institute of Technology,** Bishnupur,W.B, on 6th -7th May, 2016

- Attended two days' Workshop on **"DNS/DNSSEC"** held at **Mallabhum Institute of Technology,** Bishnupur during September 9-10, 2015.

- Attended one day national seminar for **"Indian IETF Capacity Building (IICB2)"** held at **Mallabhum Institute of Technology,** Bishnupur,W.B, on 11th Sept, 2015.

- Attended two-week ISTE Workshop on **"Introduction to Design of algorithms"** Under the **National Mission on Education through ICT (MHRD, Govt. of India)** with Physical participation at Bankura Unnayani Institute of Engineering, Bankura (Remote Center) during 25 – 30 May, 2015.

- Attended two-week ISTE Workshop on **"Computer Networking"** Under the **National Mission on Education through ICT (MHRD, Govt. of India)** with Physical participation at College of Engineering and Management, Kolaghat (Remote Center) during 30th June – 5th July 2014.

- Attended one day MHRD sponsored NMEICT awareness Workshop held on at **Mallabhum Institute of Technology,** Bishnupur,W.B, 14th Nov, 2014.

- Attended two days National Seminar for **"NCREPMA"** held on 29th -30th Jan, 2011 at **Mallabhum Institute of Technology,** Bishnupur,W.B.

❖ Publication:

- "Visual Up gradation of Degraded Document Images", Ms. Swapna Halder, Mr. SudiptaDas, IJRDET, ISSN 2347-6435, Volume 2, Issue2, February 2014

- Participated and submitted a paper titled "**Blockchain Technology in Digital Transformation**" ,**Paper ID MIT/RTET/201/35**, Authored by Swapna Halder and Sudipta Das, in **International Conference on Recent Trends in Engineering and Technology (RTET 2021)** , organized by **Mallabhum Institute of Technology**, West Bengal, India, during **18th to 20th March, 2021**

❖ Paper Communicated:

- "An intelligent approach for internet based public transportation".
- "A study on geo-networking protocols".
- "Use of Internet Access protocol for vehicular networks".

❖ Professional Membership:

- Life time member of The Indian Society for Technical Education **(ISTE)** LM 80731
- Life time member of 'International Association of Computer Science & Information Technology' **(IACSIT)** 80346957
- Life time member of 'International Association of Engineers' **(IAENG)** 132308
- Member of 'All India Council of Technical Skill Development' **(AICTSD)** AICTSD/PROFESSOR/74566
- Regular Member of 'The International Society for Applied Computing' **(ISAC)** RM202301300.
- Member of 'International Association of Academic plus Corporate' **(IAAC)** for AY-2022, FRTJQC-CE004176

❖ Personal Details:

Father's Name	: Sri Ranajit Kumar Das
Permanent Address	: 15 No. Senjuti Abasan, Narayanpur, Majumderpara, Rajarhat-Gopalpur, Kolkata- 700136 (W.B)
Date of Birth	: 06-02-1986
Contact Number	: 9433109273 / 7980179221

❖ Declaration:

    I hereby declare that all the information furnished in this resume is complete and correct to the best of my knowledge and belief.

Sudipta Das.

Place: Kolkata. (W.B)   --------------------------------------

Date: 31/03/24   **Signature**: Sudipta Das