Md. Ajij
Assistant Professor

Department of Computer Science and Application
University of North Bengal
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Areas of Research Interest: Automated information extraction or information retrieval from document images, Computer vision, Biometrics Systems

Subject Specialization: Computer graphics, Graph theory.

Ph.D Thesis Supervised: Completed: 0   Thesis Submitted: 0   Ongoing: 0

Educational Qualification:

Ph.D. (Tech.)	NIT Meghalaya	Field of research: Digital Straightness as a Tool in Machine Vision Applications (Pursuing)
M.Tech	MAKAUT	Multimedia & Software Systems
B.Tech	MAKAUT	Computer Science & Engineering

- Qualified the GATE 2012 Examination in Computer Science & Information Technology.
- Qualified the UGC NET Dec-2014 for Lectureship in Computer Science and Applications.
- Qualified the UGC NET June-2015 for Lectureship in Computer Science and Applications.

Scholarship/Fellowship:
1. Scholarship: West Bengal Minorities' Development and Finance Corporation. (2008-12)
2. RBI Young Scholar Scheme (2011-12)
3. AICTE GATE Scholarship (M.Tech) (2012-14)
4. MHRD, Ph.D. Scholarship (Jan 2016 to Jan 2017)

Teaching Experience: 6+ Years
1. Guest Lecturer, Department of Computer Science and Engineering, Aliah University, Kolkata, India, from January 2015 to December 2015.
2. Assistant Professor, Department of Computer Science, Sri Ramkrishna Sarada Vidyamahapith (Kamarpukur College), Arambagh, Hooghly, India, from 17/01/2017 to 11/02/2021.
3. Assistant Professor, Department of Computer Science and Application, University of North Bengal, Siliguri, India, from 12/02/2021 to present.

Professional Development Programme Attended:
1. Faculty Induction Programme (FIP-3-MANUU) during 22/11/2021 to 21/12/2021 at UGC-HRDC, University of North Bengal, Siliguri, India.
2. Refresher Course (Specific) in Computer Science during 04/01/2019 to 24/01/2019 at UGC-HRDC, MAULANA AZAD NATIONAL URDU UNIVERSITY, Hyderabad.

Publications: 6, Journals – 02, Conference Proceedings – 04.

Paper Published/Accepted in Journal:
1. **Ajij, Md**, Sanjoy Pratihar, Soumya Ranjan Nayak, Thomas Hanne, and Diptendu Sinha Roy. "**Off-line signature verification using elementary combinations of directional codes from boundary pixels.**" *Neural Computing and Applications* (2021): 1-18. **Springer [Impact Factor 5.606 (2020**)]

2. **Ajij, Md**, Sanjoy Pratihar, Diptendu Sinha Roy, and Thomas Hanne. "**Robust Detection of Tables in Documents Using Scores from Table Cell Cores.**" *SN Computer Science* 3, no. 2 (2022): 1-19.

Paper Published/Accepted in National/International Conference, Seminar, Workshop:
1. **Ajij, Md**, Sanjoy Pratihar, and Kanishka Ganguly. "**Detection and retargeting of emphasized text for content summarization.**" *In 2016 International Conference on Advances in Computing, Communications and Informatics (ICACCI)*, pp. 15-21. IEEE, 2016.

2. **Ajij, Md**, and Sanjoy Pratihar. "**Quasi-straightness based features for off-line verification of signatures.**" *In 2017 IEEE International Conference on Identity, Security and Behavior Analysis (ISBA)*, pp. 1-7. IEEE, 2017. **(Best Paper Award)**

3. **Ajij, Md**, Diptendu Sinha Roy, and Sanjoy Pratihar. "**PIPP: Person Identification from Palm-surface Polygons.**" *In 2019 International Conference on Image and Vision Computing New Zealand (IVCNZ)*, pp. 1-6. IEEE, 2019.

4. **Ajij, Md**, Diptendu Sinha Roy, and Sanjoy Pratihar. "**Plant leaf recognition using geometric features and Pearson correlations.**" *In 2019 International Conference on Image and Vision Computing New Zealand (IVCNZ)*, pp. 1-6. IEEE, 2019.

Conference, Seminar, Webinar, Workshop Attended:
1. Workshop on "Internet of Things: A Gateway to Smart and Intelligent Future." IIT Guwahati, 04-05 November, 2016.
2. Workshop on "Digital Geometric Algorithms, Applications and Prospective Future Directions." IIIT Kalyani, October 28-30, 2018.
3. Attended and participated in the IEEE Computational Intelligence Society Distinguished Lecture sponsored by the **IEEE Computational Intelligence Society Distinguished Lecture Program** jointly organized by the Department of Computer Science, University of Gour Banga and IEEE Computational Intelligence Society, Kolkata Chapte held on 17th September 2020.

4. Participated in the on-line workshop on **Digital and Computational Geometry: Advancements, Applications and Challenges**, during 21-23 April, 2021 organized by IIIT Kalyani.

5. **"Cyber Shikshak – a Cyber Security Awareness Training Programme"**, organized by the **Cyber Security Centre of Excellence, Department of Information Technology & Electronics**, Government of West Bengal in collaboration with **Indian School of Ethical Hacking (ISOEH)** on 17th March, 2021 at the Webel IT Park-II, Siliguri.

6. Participated in the **International Webinar on Emerging Trends in Computational Technologies (IWETCT)**, organized by Department of Computer Science and Application, University of North Bengal, Darjeeling in collaboration with **IEEE CIS Kolkata Chapter and Computer Society of India**, Siliguri Chapter during October 1-3, 2021.

Place: Siliguri   Md. Ajij

Date: 25/02/2022   [Signature]