

## Personal Profile

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**Dr. Sikdar Md S. Askari**  
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**Department of Computer Science and Engineering**  
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## Educational Profile

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Ph.D.(  
Electronics and Communication Engineering,  
NERIST, Nirjuli, Arunachal Pradesh; 2021  
Supervisor: Prof. Md. Anwar Hussain

M.Tech  
Dept. of Computer Science and Engineering,  
Tezpur University, Tezpur, Assam; 2011  
Subject: Information Technology,

M.Sc.  
Dept. of Computer Science,  
Gauhati University, , Guwahati, Assam; 2009  
Subject: Computer Science

## Professional Experience

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**Assistant Professor,** June, 2012-till date  
Dept. of Computer Science and Engineering,  
Rajiv Gandhi University, Arunachal Pradesh, India

**Project Engineer,** August, 2011- May, 2012  
DIT Project: Design and development of a dynamic Firewall  
Solution  
Dept. of Computer Science and Engineering,  
Tezpur University, Tezpur, Assam; India

## Administrative Experience

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Coordinator, AICTE, Dept. of Computer Science and Engineering, Rajiv Gandhi University, Arunachal Pradesh, 2018-till date

## Awards & Honours

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1. Merit Cum Means Scholarship, Ministry of Minority Affairs GoI, for M.Tech. (2009-2011)
2. Merit Cum Means Scholarship, Ministry of Minority Affairs GoI, for M.Sc. (2007-2009)

## Membership of Professional Bodies

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NIL

## Research Interests

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- Network Security
- AI and Machine Learning
- Networking

## Research Publications

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- **Conferences International:**
  1. **S Md S Askari** and Md. Anwar Hussain. Intuitionistic fuzzy id3: An approach to e-transactional fraud detection. In *2017 Ninth International Conference on Advanced Computing (ICoAC)*, pages 253-260. IEEE, 2017
  2. **S Md S Askari** and Md. Anwar Hussain. Credit Fraud Detection Using Fuzzy Id3. In *2017, International Conference on Computing, Communication and Automation (ICCCA)*, pages 446-452. IEEE, 2017
  3. Afruza Begum, Md. Anwar Hussain, Joyatri Bora, and **S Md S Askari**. A simple threedimensional joint routing and scheduling protocol for multihop wireless networks. In *4th International Conference on Recent Advances in Information Technology (RAIT)*, pages 1-7. IEEE, 2018
  4. Afruza Begum, Md. Anwar Hussain, and **S Md S Askari**. A noble deadend free threedimensional routing and scheduling techniques for multihop wireless networks. In *9<sup>th</sup> International Conference on Computing, Communication and Networking Technologies (ICCCNT)*, pages 1-6. IEEE, 2018
  5. **S Md S Askari**, and Md. Anwar Hussain, E-Transactional Fraud Detection Using Fuzzy Association Rule Mining. Proceedings of the 2nd International Conference on Information Systems & Management Science (ISMS) 2019 | Tripura University, Agartala, Tripura, India, Elsevier
- **Conferences National: NIL**
- **International Journal:**
  1. **S Askari, S Md** and Anwar Hussain, Md., IFDTC4.5: Intuitionistic Fuzzy Logic based Decision Tree for E-transactional Fraud detection. Journal of Information

Security and Applications, Vol. 52 (June 2020) Elsevier, (2020), (SCI Indexed, Impact Factor: 3.872) <https://doi.org/10.1016/j.jisa.2020.102469>

2. Ahmed, Zahid and S Askari, S Md. Firewall Rule Anomaly Detection: A Survey (2018). *International Journal of Computational Intelligence & IoT*, Vol. 2, No. 4, 2018. Elsevier, (2019) SSRN: <https://ssrn.com/abstract=3361145>

## Patent

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1. NIL

## Book/Book Chapter published

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1. S Md S Askari. Firewall Rule Anomaly Detection Using Kripke Structure and CND. Book Title: *Recent Trends of Mathematics*, Editor: Saifur Rahman, Eastern, 2017
2. A. Begum , S.Md.S. Askari , U. Sharma Text-to-Speech Synthesis System for Mymensinghiya Dialect of Bangla Language. Editors: C. Panigrahi , A. Pujari, S.Misra, B. Pati,KC. Li, Book Title: *Progress in Advanced Computing and Intelligent Engineering. Advances in Intelligent Systems and Computing*, vol 714. Springer, Singapore, 2018
- 3.

## Research guidance

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NIL

## Ph.D scholar

NIL

## Course/Conference/Workshop organized

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1. **One week Online Faculty Development Program (FDP) on "Applications of Machine Learning(Advanced Level)"** (An Initiative of AICTE, ATAL (AICTE Teaching and Learning), Govt. of India) ,  
**Duration:** 20<sup>th</sup> of September, 2021 to 24<sup>th</sup> of September, 2021.  
**Role:** Coordinator, Fund Received from AICTE: Rs.93000/-
2. **One week Online Faculty Development Program (FDP) on "Applications of Machine Learning(Elementary Level)"** (An Initiative of AICTE, ATAL (AICTE Teaching and Learning), Govt. of India) ,  
**Duration:** 13<sup>th</sup> of September, 2021 to 17<sup>th</sup> of September,2021.  
**Role:** Coordinator, Fund Received from AICTE: Rs.93000/-

## Course/Conference/Workshop etc. attended

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- Academic Year 2021-2022:

1. **A 14 Days Online Faculty Development Program (FDP) on Digital Tools for Writing, Authoring and Reviewing Manuscripts** jointly organized by E& ICT, IIT, Guwahati, NIT, Patna, MNIT, Jaipur IIT, Kanpur, IIITDM, Jabalpur and IIT Roorkee (AICTE/UGC Endorsed Program) , 12<sup>th</sup> of July, 2021 to 23<sup>rd</sup> of July, 2021. (Role: Participant)
2. **3<sup>rd</sup> International Conference On Machine Intelligence and Signal Processing**, NIT, Arunachal

Pradesh, India, 23rd September to 25th September 2021  
Session: "Wireless Sensor Network & IoT-II"  
(Role: Session Chair)

- **Academic Year 2020-2021:**

3. **A 14 Days Online Faculty Development Program (FDP) on Machine Learning for Computer Vision** organized by E& ICT, MNIT, Jaipur (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) , 1st February, 2020 to 12<sup>th</sup> February 2020.  
(Role: Participant)

- **Academic Year 2019-2020:**

4. **A Two Days Seminar on Artificial Intelligence and Machine Learning: An application Perspective** Organized By Dept. of ECE, Rajiv Gandhi University and Dept. of CSE, Rajiv Gandhi University, Arunachal Pradesh, India, 5th - 6th March 2020.  
(Role: Committee Member and Participant)
5. **A 5 Days Online Faculty Development Program (FDP) on Basics of R Programming** organized by Department of Computer Science and Engineering, Rajiv Gandhi University, Arunachal Pradesh in association with IIT Bombay Spoken Tutorial (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) , April 29, 2020 to May 03, 2020.  
(Role: Participant)
6. **Workshop on Cyber Security, Under ATAL Programs, NIT, Arunachal Pradesh, India, 3rd February 2020**  
Lecture Topic: "E-transactional Fraud Analysis and Detection"  
(Role: Invited Speaker)

- **Academic Year 2018-2019:**

7. **One week Faculty Development Program (FDP) on Network Security** Jointly organized by E & ICT Academies, IIT Guwahati, NIT, Patna, IIITDM, Jabalpur, MNIT, Jaipur, NIT, Warangal (Initiative by MeitY, Govt. of India) , May 20, 2019 to May 24, 2019.  
(Role: Participant)

- **Academic Year 2017-2018:**

8. **4<sup>th</sup> IEEE International Conference on Recent Advances in Information Technology (RAIT) -2018**, organized by IIT(ISM), Dhanbad, March-15-17, 2018  
(Role: Participant)
9. **9<sup>th</sup> IEEE International Conference on Computing, Communication and Networking Technologies (ICCCNT)-2017**, Organized by Department of Computer Technology, Anna University, Chennai, December 14-16, 2017  
(Role: Participant)

10. 2<sup>nd</sup> International Conference on Advanced Computing and Intelligent Engineering (ICACIE)-2017, Organized by Department of Computer Science, Rajasthan Central University, Jaipur, Rajasthan, November 23-25, 2017  
**(Role: Participant)**
11. **One week Faculty Development Program (FDP) on Digital Speech Processing** organized by E & ICT Academies, IIT Guwahati, (Initiative by MeitY, Govt. of India) , April 30, 2018 to May 05, 2018.  
**(Role: Participant)**
- **Academic Year 2016-2017:**
12. **Two days Workshop on Advances on Electronics and Communication,** Organized by Department of Electronics and Communication Engineering and Department of Computer Science and Engineering, Rajiv Gandhi University, March, 14<sup>th</sup> to 15<sup>th</sup> 2017  
**(Role: Participant)**
13. **In IEEE International Conference on Computing, Communication and Automation (ICCCA), 2017** organized by School of Computing Sciences, Galgotias University, Noida, UP, May 5<sup>th</sup> to 6<sup>th</sup>, May , 2017  
**(Role: Participant)**
- **Academic Year 2015-2016:**
14. **Recent Trends of Mathematics and Its Applications,** organized by Department of Mathematics and Computing, Rajiv Gandhi University, Arunachal Pradesh, November 6-7, 2015  
**(Role: Participant)**
15. **Two-day workshop on "Introduction to Robotics" conducted on 27th & 28th May, 2016 held at Tezpur Universie,** Organized By Department of Computer Science and Engineering, IIT, Bombay, Powai, Mumbai 400076  
**(Role: Participant)**
16. **2<sup>nd</sup> ISI Workshop for the North Eastern Region on Pattern Analysis and Applications,** Organized by CVPR Unit, ISI, Kolkata and Department of Computer Science and Engineering, Rajiv Gandhi University, Arunachal Pradesh, 16<sup>th</sup> to 20<sup>th</sup> November 2015  
**(Role: Participant)**
17. **One day National Workshop on Intellectual Property Rights Titled: "How to protect your Creations"** organized by IPR cell, Rajiv Gandhi University, Arunachal Pradesh, 22<sup>nd</sup> February, 2016  
**(Role: Participant)**
18. **1<sup>st</sup> National Conference on Recent Trends in Information Technology,** organized by Department of Computer Science and Engineering, Rajiv Gandhi University, Arunachal Pradesh, 15<sup>th</sup> to 16<sup>th</sup> September, 2015  
**(Role: Participant)**

**Sponsored Project**

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**NIL**

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