

FACULTY PROFILE



Name: Mr. Gajender Kumar

Designation: Assistant Professor - CSE

E-Mail: gajendek@srmist.edu.in

Professional Qualification:

2019 M. Tech. (Computer Science & Engineering) – Department of Computer Science & Engineering, National Institute of Technology, Nagaland, India. **M.Tech. Thesis Title: Fog Computing: An Enhanced Performance Analysis Emulation Framework for IoT with Load Balancing Smart Gateway Architecture.**

2009 – 2013 – B.Tech (Computer Science & Engineering) – Department of Computer Science & Engineering, Uttar Pradesh Technical University, Lucknow, Uttar Pradesh, India.

Publications (Journals & Conferences):

P* – Patent, J* – Journal, C* – Conference

J2 – 2023 Gajender Kumar, Vinod Patidar, Prolay Biswas, Mukta Patel, Chaur Singh Rajput, Anita Venugopal, Aditi Sharma, *IOT enabled Intelligent featured imaging Bone Fractured Detection System*, **Journal of Intelligent Systems and Internet of Things**, Vol. 9 , No. 2 , (2023) : 08-22 (Doi : <https://doi.org/10.54216/JISIoT.090201>). (Published)

J1 – 2020 Gajender Kumar. **"Impact of Fog and Cloud Computing Applications to Reserve a Seat in Railways"**, **Jurnal Ilmu Komputer**, [S.l.], v. 13, n. 1, p. 28-38, apr. 2020. ISSN 2622-321X. Available at: <https://ojs.unud.ac.id/index.php/jik/article/view/58991> >. Date accessed: 21 sep. 2023. doi: <https://doi.org/10.24843/JIK.2020.v13.i01.p04>., NC4IPS-2020 National Conference on Computing, Communication, Control, Informatics & Pharmaceutical Sciences, Kanpur Institute of Technology, Kanpur, Technically Sponsored by: IEEE-CIS, 6th & 7th March 2020, Jurnal Ilmu Komputer, p-ISSN: 1979-5661. (Published)

C1 – 2019 B. Sarma, G. Kumar, R. Kumar and T. Tuithung, "**Fog Computing: An Enhanced Performance Analysis Emulation Framework for IoT with Load Balancing Smart Gateway Architecture**", 2019 International Conference on Communication and Electronics Systems (ICCES), Coimbatore, India, 2019, pp. 1-5, doi: [10.1109/ICCES45898.2019.9002172](https://doi.org/10.1109/ICCES45898.2019.9002172). (Published)

Work Experience: 4+ Years

September 2023 – Present - Assistant Professor – Department of Computer Science and Engineering, SRM-IST (Deemed to be University), Delhi-NCR Campus, Ghaziabad, India.

August. 2022 – September 2023- Assistant Professor – Department of Computer Science and Engineering, Parul University, Vadodara, Gujarat, India.

July 2019 – July 2022 - Assistant Professor – Department of Computer Science and Engineering, SRI Balwant Institute of Technology (DCRUST University), Delhi-NCR Campus, Sonapat, Harayana, India.

MEMBERSHIP OF PROFESSIONAL SOCIETIES:

- **Editorial Board Member:** Gilbert Research Center (Editorial Board | Gilbert Research (gilbertresearchcenter.com)).
- **Editorial Reviewer Membership:** <https://abcdindex.com/reviewer/mr-gajender-kumar-000-514-503>
- **Research Gate id:** <https://www.researchgate.net/profile/Gajender-Kumar-3>
- **Google-Scholar-Profile:** <https://scholar.google.com/citations?user=LftGdVYAAAAJ&hl=en&authuser=3>
- **Orcid Id:** 0009-0000-1954-2617
- **GIT-HUB:** [gknitn/ML-AI-IOT: Research on ML AI AND IOT \(github.com\)](https://github.com/gknitn/ML-AI-IOT: Research on ML AI AND IOT)
- A member of **Employee Provident Fund (EPF)**

ROLE AND RESPONSIBILITIES:

- Performing final **university exam duty for various departments** (diploma, btech bca, management-bba mba) June 12, 2022 to 30 July 2022.

- Played the role of **Network Support**-23 dec 2022 to 12-08-2022 (WiFi-Lan Connectivity, Trouble Shooting and Management) in Terii College Kurukshetra, Haryana.
- Played the role of **Support Staff in JEE (JOINT ENTRANCE EXAMINATION) MAIN** held on 7th April 2019, in NIT NAGALAND.
- Played the role of **IT MANAGER in UGC NET (National Eligibility Test)** held on 2nd to 6th Dec 2019, in SBIT, Near Pallri , Bahalgarh, Sonapat, Haryana.
- Played the role of **IT MANAGER in HSSC** held on 14th to 15th March 2020, in SBIT, Sonapat, Haryana.
- Played the role of **exam DEPUTY SUPERINTENDENT (Organizer) (Online Mode)** by the dcrustm (Deenbandhu Chhotu Ram University of Science & Technology Murthal, Sonapat Haryana - 131039) held on 30th june 2021 to 12th july 2021, at SBIT Sonapat Haryana
- Played the role of in **Junior Supervision IOCL Exam Duty** held on 6th to 6th November 2022, 11:00am to 1:00pm, in PIT, Parul University, vadodara, Gujarat, India.

Technical Certificates:

- Certificate of Appreciation Titled “**BONE FRACTURE DETECTION SYSTEM**” at **TECH EXPO-2023** organised by **Technical Event Cell, Parul University** on 13th -14th February 2023 at Parul University, The Project/Poster secured **3rd Position**.

ATAL FDP (FACULTY DEVELOPMENT PROGRAM, With Certificate):

- Title: **SYSTEM ENGINEERING**, Level of FDP: Elementary, Mode: Online (Webx & Googlemeet), Application No: 1613750463, Status: Approved, Contact Coordinator by Email: soni.vimlesh@gmail.com, STARTS Jun 21, 2021, ENDS Jun 25, 2021, Institute: **MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY BHOPAL**, Systems Engineering. **Attendance 100%, total marks 60, obtained marks 58, percentage 96.67%.**
- Title: **Cyber Security & Applications** Level: Elementary Mode: Online, Application No: 1614416477, Status: Approved, Contact Coordinator by Email: anilturukmane@gmail.com, STARTS Jul 12, 2021, ENDS Jul 16, 2021, Institute: Sharad Institute of Technology College of Engineering, **Attendance 100%, total marks 50, obtained marks 36, percentage 72.00%.**

- Title: **Artificial Intelligence for Computer Vision**, Level: Advanced, Mode: Online(webx, Application No: 1614751088, Status: Approved, Contact Coordinator by Email: proy.fcs@iitr.ac.in, STARTS Jul 26, 2021, ENDS Jul 30, 2021, Institute: **Indian Institute of Technology, Roorkee**, Attendance 100%, total marks 100, obtained marks 60, percentage 60.00%.
- Title: **Emerging Techniques and Applications in IoT** Level: Elementary Mode: Online Application No: 1614670793 Status: Approved Contact Coordinator by Email: sb_das@vssut.ac.in STARTS Aug 9, 2021 ENDS Aug 13, 2021 Institute: **VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY** Internet of Things (IoT) Attendance 100%, total marks 40, obtained marks 32 percentage 80.00%.
- Title: **Hardware Security for Internet of Things**, Mode: Hybrid, Application No: 1652099443, Status: Approved, Contact Coordinator by Email: kkm@nitrrkl.ac.in1652099443, Hardware Security for Internet of Things Internet of Things (IoT) Thrust Areas Attendance 100%, obtained marks 87, total marks 100, percentage 87%

WORKSHOPS (With Certificate):

- National Workshop on **Raspberry Pi Based Industrial Application with IOT Technology**, SPONSORED BY TEQIP -III, Organize by NIT, Nagaland, 27th to 31st Mar 2018.
- National Workshop on **Predictive Analytics**, SPONSORED BY TEQIP -III, Organize by NIT, Nagaland, 7th to 31st Dec 2017.
- National Workshop on **Application of Matlab in Electrical & Electronics Engineering**, SPONSORED BY TEQIP -III, Organize by NIT, Nagaland, 19th to 23rd Oct 2017.
- National Workshop on **Private Cloud Implementation with Open Source Software**, SPONSORED BY TEQIP -III, Organize by NIT, Nagaland, 2nd to 6th Nov 2017.
- National Workshop on **Latest Trends in Mathematics with Their Applications**, SPONSORED BY TEQIP -III, Organize by NIT, Nagaland, 11th to 15th Dec 2017.
- National level workshop on **ANN and Deep Learning**, SPONSORED BY PDPM Indian Institute of Information Technology Design and Manufacturing, Jabalpur, Jointly Organized by ELECTRONICS & ICT ACADEMY, at IIT Guwahati, from NIT, Nagaland, 11th to 15th June 2018.

- **Faculty Induction Program** conducted by Parul University FIP Batch 3 2022-23-CHRD, Date: 2nd November,2022 to 9th November,2022. Time: 9:30 A.M to 4:30 P.M. Venue: Seminar Hall, Subhash-chandra Bose Building.
- **Faculty Development Program** conducted by Edutech Department of Computer Science and Engineering Parul University, Gujrat, India, Date: 30th November, 2022 to 4th December, 2022. Time: 9:30 A.M to 4:30 P.M. Venue: SAPLAB-106, Ground Floor, Management Building, Parul University Main Campus.

FDP (With Certificate):

1. Five days FDP (Faculty Development Program) on **“Application of Machine Learning in Medical Science”** organized by Department of AI & DS Computer Science and Engineering and Information Technology, ARYA COLLEGE of ENGINEERING & IT, 31st July to 4th August, 2023, during Parul University.

WEBINARS (With Certificate):

- National level Webinar on **“i-STEM-A Gateway for Researchers Stepping Towards Aatam Nirbhar Bharat”**, organized by faculty of Humanities and Science, Adayalampattu Phase II campus on 25/08/2020, from Dr. MGR Educational and Research Institute, at 3.00pm-4.00pm.
- NATIONAL LEVEL TECHNICAL TALK on **“ETHICAL HACKING “**, organized by the Department of Computer Science, Dr.M.G.R. Educational and Research Institute, Chennai-600095, Tamilnadu, India on 27.08.2020.
- INTERNATIONAL WEBINAR on **“FREE SPACE OPTICAL COMMUNICATIONS FOR 5G AND BEYOND”**, organized by the Department of Computer Science, Dr. M. G. R. Educational and Research Institute, Chennai-600095, Tamilnadu, India on 02.09.2020.
- INTERNATIONAL WEBINAR on **“Certification of participation in Webinar on AI based Transformer Technologies”**, organized by the department of computer science and engineering Bharati Vidyapeeth's Institute of Computers Applications and Management (BVICAM), New Delhi, on 01 October, 2022, 6 pm to 7.30 pm, (Dr. Ritika Wason) Webinar Co-ordinator, (Prof. M. N. Hoda) Director.
- INTERNATIONAL WEBINAR on **“Certification of participation in Webinar on The Connected Vehicles –The Road Ahead on 08 October, 2022”**, organized by the department of computer science and engineering Bharati Vidyapeeth's Institute of Computers Applications and Management (BVICAM), New Delhi, on 08 October, 2022, 6 pm to 7.30 pm, (Dr. Ritika Wason) Webinar Co-ordinator, (Prof. M. N. Hoda) Director.

- INTERNATIONAL WEBINAR on “**Certification of participation in Webinar on Gamification in Education and Research on 15 October, 2022**” organized by the department of computer science and engineering **Bharati Vidyapeeth's Institute of Computers Applications and Management (BVICAM)**, New Delhi, on 15 October, 2022, 6 pm to 7.30 pm, (Dr. Ritika Wason) Webinar Co-ordinator, (Prof. M. N. Hoda) Director.
- INTERNATIONAL WEBINAR on “**Certification of participation in Webinar on Cyber Security Cyber Warfare and Cyber Citizenship on 29 October 2022**”, organized by the department of computer science and engineering Bharati Vidyapeeth's Institute of Computers Applications and Management (BVICAM), New Delhi, on 29 October, 2022, 6 pm to 7.30 pm, (Dr. Ritika Wason) Webinar Co-ordinator, (Prof. M. N. Hoda) Director.
- INTERNATIONAL WEBINAR on “**Certification of participation in The Applications of Internet of Things (IoT) and Wireless Sensor Network (WSN) in Smart Agriculture on 22 August 2023**”, organized by the department of computer science and engineering Bharati Vidyapeeth's Institute of Computers Applications and Management (BVICAM), New Delhi, on **22 August 2023**, 2 pm to 4.30 pm, (Dr. Ritika Wason) Webinar Co-ordinator, (Prof. M. N. Hoda) Director.

COLLEGE EVENTS:

- Certification of appreciation from Neelkanth Institute of Technology, Modipuram, Meerut, in **Youth Festival- 2012 (SKIT)**, organized on 24th& 25th February, 2012.
- **Visited Surajkund Mela:** SBIT organized a day out for its students to Annual International Craft Mela “**Surajkund Mela**” on 7 Feb 2020. The Surajkund Crafts Mela was first hosted in 1987. Since then the festival is hosted annually by the Haryana Tourism Department in Surajkund. This is 34th time then Surajkund Mela will be held at Faridabad. The main motto behind this festival is to promote handicrafts, handlooms with the aid of craftsmen invited from all over the country. So basically, this craft festival is a platform for artists across the globe to showcase their culture and talent.
- **Devs camp 16, by Parul University in Vadodara on 11th June 2023.**
- **Certification of appreciation as venue committee coordinator from PARUL UNIVERSITY, VADODARA, GUJARAT, in 6th convocation and iimun Vadodara conclave 2022, organized on 27th & 28th November, 2022.**