Curriculum Vitae



Dr. Sumit Kumar

Swastik Jewellers, Old G.T Road, Dehri Bazar, Near Babu Ganj More, Dehri On Sone, Rohtas, Bihar, India, Pin- 821307

+91-8340262225, +91-8826357766

sumit170787@gmail.com **Orcid ID:**https://orcid.org/0000-0002-4092-385X

Google Scholar ID:https://scholar.google.co.in/citations?user=R6dpgDoAAAAJ&hl=en

WORK EXPERIENCE

01 September 2026 To Till date

Assistant Professor

Mahila College, Dalmianagar, Dehri (A Constituent Unit of Veer Kunwar Singh University, Ara)

25 September 2023 – 26 September 2024 (1 Year)

Associate Professor & HoD

Department of Information Technology

Rajan Mamta Degree College (**Affiliated with Aryabhatta Knowledge University, Patna, Government of Bihar**), Aurangabad, Bihar, India.

18 July 2019 – 23 September 2023 (4.2 Years)

Assistant Professor

Department of Information Technology

Gopal Narayan Singh University, Jamuhar, Sasaram, Bihar, India.

December 2016 – January 2017

Project Associate

Department of Science and Technology(DST)-Purse

School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi, India.

August 2016 – November 2016

Guest Faculty

Delhi Technological University, New Delhi, India.

Subject: Artificial Intelligence

January 2016 – March 2016

Project Assistant

Department of Science and Technology(DST)-Purse

School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi, India.

July 2013 – May 2018

Research Experience

As a PhD Research Scholar

School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi, India.

NON-TEACHING WORK EXPERIENCE

January 2022 - September 2023
- **MOOC Course Nodal Officer**, Faculty of Information Technology, Gopal Narayan Singh University, Jamuhar, Sasaram, Bihar, India.

January 2022 - September 2023
- **Member of Institutional Value and Best Practices**, Faculty of Information Technology, Gopal Narayan Singh University, Jamuhar, Sasaram, Bihar, India.

January 2022 - September 2023
- **Member Research, Consultancy, Extension Aspect**, Faculty of Information Technology, Gopal Narayan Singh University, Jamuhar, Sasaram, Bihar, India.

February 2020 – September 2023
- **All India Survey on Higher Education (AISHE)** Nodal Officer for Narayan Academy of Managerial Excellence, Gopal Narayan Singh University, Jamuhar, Sasaram, Bihar, India.

August 2020 – September 2023
- **Member Secretary - Research Programme Policy Development,** Faculty of Information Technology, Gopal Narayan Singh University, Jamuhar, Sasaram, Bihar, India.

March 2024 – September 2024
- **NSS Coordinator,** Rajan Mamta Degree College, Aurangabad, Bihar, India.

SPECIALIZATION

- Parallel and Distributed Computing
- Internet of Things (IoT)
- Cloud Computing

EDUCATION

July 2013-May 2018

Ph. D. in Computer Science

Jawaharlal Nehru University, New Delhi, India
Title-Message Forwarding and Scheduling Frameworks for Internet of Things (IoT)

- Supervisor - Dr. Zahid Raza
- Date of PhD Registration: 22/07/2013
- Date of Thesis Submission: 25/05/2018
- Date of Award: 31/12/2018

August 2011-July 2013

M. Tech. in Computer Science and Technology

Jawaharlal Nehru University, New Delhi, India
Title- Performance Analysis of Fixed And Scalable Workload Using SMP Sun Fire X4470

- Date of Dissertation Submission: 22/07/2013
- Date of Award: 10/02/2014
- Supervisor - Dr. Zahid Raza
- C.G.P.A. – 6.46/9.0 (69.60%)

July 2008 – May 2011

Master of Computer Application

Ranchi University, Ranchi, Jharkhand, India

- Date of Award: 18/08/2011
- CGPA – 7.17/10 (69.49%)

July 2004 – May 2008

Bachelor of Science in Chemistry

J L N College, Dehri

- Date of Award: 30/06/2008
- V. K. S. University, Ara, Bihar, India
- Percentage – 789/1500(52.6%)

June 2002 – May 2004

Intermediate of Science

J L N College, Dehri
Bihar Board, Patna, Bihar, India

- Date of Award: 01/06/2004
- Percentage – 416/900(46.2%)

January 2001 – March 2002

Matric

Rastriy High School Dillian, Dehri
Date of Award: 16/09/2002 (Date on Degree)

- Bihar Board, Patna, Bihar, India
- Percentage – 377/700 (53.85%)

ACHIEVEMENTS

August 2011-July 2016

- JNU-MCM (Merit-cum-Means) Fellowship
- Participate in District Level Football Tournament

RESEARCH PUBLICATIONS

Journals

- **Sumit Kumar,** Vijender Kumar Solanki, Saket Kumar Choudhary, Ali Selamat, Rubén González Crespo, "Comparative Study on Ant Colony Optimization (ACO) and K-Means Clustering Approaches for Jobs Scheduling and Energy Optimization Model in Internet of Things (IoT)", International Journal of Interactive Multimedia and Artificial Intelligence, Volume 6, Number 1, pp 107-116, ISSN:1989-1660, January 2020, DOI: 10.9781/ijimai.2020.01.003. (**SCIE Indexed, Impact Factor- 3.5**).
- **Sumit Kumar**, Zahid Raza, "A Priority Based Message Response Time Aware Job Scheduling Model for Internet of Things (IoT)", International Journal of Cyber Physical System (IJCPS), IGI Global, pp 1-14, Volume 1, Issues 1, January-June 2019, ISSN:2577-4867, DOI:10.4018/IJCPS.2019010101.
- **Sumit Kumar**, Zahid Raza, "Using Clustering Approaches for Response Time Aware Job

Scheduling Model for Internet of Things (IoT)", International Journal of Information Technology, Springer, pp 177–195, Volume 9, Issue 2, June 2017, ISSN: 2511-2104, DOI: 10.1007/s41870-017-0020-0. (**Scopus Indexed**) (Serial No. of **UGC** Listed Journal: **49273**).

- **Sumit Kumar**, Zahid Raza, "Internet of Things: Possibilities and Challenges", International Journal of Systems and Service-Oriented Engineering (IJSSOE), IGI Global, pp 32-52, Volume 7, Issues 3, July-September 2017, ISSN: 1947-3052, DOI: 10.4018/IJSSOE.2017070103.
- Hitesh Kumar Sharma, Dr. Samta Jain Goyal, **Dr. Sumit Kumar**, Abhishek Kumar, "A Novel Approach for Minimizing Response Time in IoT using Adaptive Algorithm", Fusion: Practice and Applications (FPA), ASPG Publication, Vol. 14, No. 02. PP. 08-25, ISSN: 2692-4048, **Accepted:** January 04, 2024, Doi: https://doi.org/10.54216/FPA.140201 (**Scopus Indexed**).
- Abhishek Kumar, Dr. Samta Jain Goyal, **Dr. Sumit Kumar**, Hitesh Kumar Sharma, "Hybrid Fusion of Lightweight Security Frameworks Using Data Mining Approach in IoT", Fusion: Practice and Applications (FPA), ASPG Publication, Vol. 14, No. 02. PP. 244-260, ISSN: 2692-4048, **Accepted:** February 02, 2024, DOI: https://doi.org/10.54216/FPA.140220. (**Scopus Indexed**)
- Abhishek Kumar, Dr. Samta Jain Goyal, **Dr. Sumit Kumar**, Hitesh Kumar Sharma, "Integrating Improved Mobile Net and Homomorphic Encryption in Hybrid IoT Security Frameworks for Enhanced Resilience Against Advanced Persistent Threats", Fusion: Practice and Applications (FPA), ASPG Publication, Vol. 16, No. 01. PP. 85-100, ISSN: 2692-4048, **Accepted:** April 16, 2024, DOI: https://doi.org/10.54216/FPA.160107 (**Scopus Indexed**).
- Hitesh Kumar Sharma, Dr. Samta Jain Goyal, **Dr. Sumit Kumar**, Abhishek Kumar, "Optimizing Message Response Time in IoT Security Using DenseNet and Fusion Techniques for Enhanced Real-Time Threat Detection", Fusion: Practice and Applications (FPA), ASPG Publication, Vol. 16, No. 01. PP. 101-117, ISSN: 2692-4048, **Accepted:** April 16, 2024, DOI: https://doi.org/10.54216/FPA.160108 (**Scopus Indexed**).
- Abhishek Kumar, Dr. Samta Jain Goyal, **Dr. Sumit Kumar**, Hitesh Kumar Sharma, "An Improved and Effective Approach for User Attention in the IoT Through the Hybrid Lightweight Security Framework (HLSF) with Data Mining", SN Computer Science, Springer, 5, 1021 (2024), PP: 01-11, **Accepted:** 02/09/2024, ISSN: 2662-995X, **Published:** 05/11/2024, https://doi.org/10.1007/s42979-024-03375-2.
- Hitesh Kumar Sharma, Dr Samta Jain Goyal, **Dr. Sumit Kumar**, "Minimum Response Time Optimization in Cloud-Based IoT Systems", Journal of Global Research in Electronics and Communications(JGREC), vol. 2, no. 6s, June 2026, pp. 41-48, ISSN: 2321-3175, DOI: https://doi.org/10.5281/zenodo.20648130.

Conferences

- **Sumit Kumar**, Zahid Raza, "Performance Analysis of Fixed and Scalable Workload Using SMP Sun Fire X4470", Paper Present at International Conference on Advances in Engineering & Technology (ICAET- 2014), pp: 146-154, held on February 7-8, 2014, Hotel Solitaire, Chandigarh, India.
- **Sumit Kumar**, Zahid Raza, "A K-Means Clustering Based Message Forwarding Model for Internet of Things (IoT)", Paper Present at 8th International Conference on Cloud Computing, Data Science & Engineering (Confluence- 2018) IEEE, pp 604-609, DOI: 10.1109/CONFLUENCE.2018.8442636, 11-12 January 2018, Amity University, Noida, U.P, India.
- **Sumit Kumar**, Zahid Raza, "Using Supply Chain Management Approach for Message Forwarding for Internet of Things", Paper presentation at International Conference on Technology, Engineering and Science (IConTES), Volume 4, pp 21-27, ISSN: 2602-3199, October 26-29, 2018, Antalya, Turkey.
- Hitesh Kumar Sharma, Samta Jain Goyal, Abhishek Kumar**, Sumit Kumar**, "Evaluating and Improving Message Response Time in Internet of Things (IoT) Communication Protocols: A Comprehensive Framework," 2024 First International Conference on Data, Computation and Communication (ICDCC), Sehore, India, 2024, pp. 9-15, doi: 10.1109/ICDCC62744.2024.10961246.

Book Chapter

- **Chapter 1**, "Internet of Things: Possibilities and Challenges", **Book:** Fog Computing: Breakthroughs in Research and Practice, pp 1-24, June 2018, Publisher: IGI Global, ISBN13: 9781522556497, DOI: 10.4018/978-1-5225-5649-7.
- Sunil Kumar Singh, **Sumit Kumar**, **Chapter: 1** "Blockchain Technology: Introduction, Integration and Security Issues with IoT", **Book:** Applications of Blockchain and Big IoT Systems Digital Solutions for Diverse Industries, pp: 3-26, First Edition Published 2022, eBook Published: 29 August 2022, **Publisher: APPLE ACADEMIC PRESS, Taylor & Francis Group**, eBook ISBN: 9781003231332, ISBN: 9781774637456, DOI: https://doi.org/10.1201/9781003231332. (**Scopus Indexed**)
- **Sumit Kumar**, Samta Jain Goyal, Ipseeta Nanda, Rajeev Goyal, Chandra Shekhar Azad, **Chapter: 11**, "Impact of Artificial Intelligence, Machine Learning, and IoT in 5G Wireless

Communications on the Smarter World: A Review", **Book:** Digital Technologies in Modeling and Management: Insights in Education and Industry, **Publisher:** IGI Global, pp: 230-243, Date: 09 April 2024, ISBN13: 9781668495766 , ISBN10: 1668495767, EISBN13: 9781668495780, DOI: 10.4018/978-1-6684-9576-6.ch011. (**Scopus Indexed**)

- Monika Ratnakar, **Sumit Kumar**, **Chapter: 3**, "Comparative Analysis of IoT And Green IoT", **Book:** Futuristic Trends in IOT, **Publisher:** Iterative International Publishers (IIP) Series, Volume 3, Book 1, Part 1, pp: 19-29, e-ISBN: 978-93-5747-531-0, Date: May 2024, DOI/Link: https://www.doi.org/10.58532/V3BBIO1P1CH3. (**RSquareL Indexed link: https://www.rsquarel.org/searching.php?type=title&key=Comparative%20Analysis%20of%20IoT%20And%20Green%20IoT#resultsection**)

Book

- **Book Title:** Implementation of E-Commerce Concepts, Tools and Design Techniques, **ISBN:** 978-93-5747-957-8, **IMPRINT:** IIP Iterative International Publishers, **Date of Publication:** 26 October 2023, **Authors:** Dr. Ipseeta nanda, **Dr. Sumit Kumar**, Dr. Gunjan Mittal Roy.
  Online Link: https://iipbooks.com/books/1244/IMPLEMENTATION%20OF%20E-COMMERCE%20CONCEPTS,%20TOOLS%20AND%20DESIGN%20TECHNIQUES
  Flipkart Link:https://www.flipkart.com/implementation-e-commerce-concepts-tools-design-techniques/p/itm4063a3629631e?pid=9789357479578&cmpid=product.share.pp&_refId=PP.032bb82b-5843-418b-af50-1965df0e7aca.9789357479578&_appId=com.android.chrome
  Amazon Link:
  https://www.amazon.in/dp/9357479570?ref_=cm_sw_r_apan_dp_ZMAFJGT40NXA109WW9PQ&language=en-IN

Patent

- **Sumit Kumar**, et. al., "Method and System for Improving Wireless Sensor Network Using Fault Mitigation Technology" Patent number: 2021106330, Dated: 10 November 2021, **International Patents Grant**, Government of Australia.
- **Sumit Kumar**, et. al., "IoT Based Leg Bone Segmentation System and Method Thereof" Patent number: 2021106953, Dated: 01 December 2021, **International Patents Grant**, Government of Australia.
- **Sumit Kumar**, et. al., "Power Consumption reduction in IoT sensor devices through FPGA and nano bridge switch" Patent number: 2021103380, Dated 09 March 2022, **International Patents Grant**, Government of Australia.
- **Sumit Kumar**, et. al., "A System for Medical Cloud Data Classification for IoT Aware Smart Healthcare" Patent number: 2021103995, Dated 06April 2022, **International Patents Grant**, Government of Australia.
- **Sumit Kumar**, et. al., "IOT ENABLED SOLAR WATER HEATER" Patent number: 382676-001, Dated 31 March 2023, N**ational Patents Grant**, Government of India.

INVITED LECTURES / RESOURCE PERSON

- **Resource Person, Topic: "**Problem Solving and Programming Concept Using Python", Date: 01.04.2023 To 15.04.2023, Rajan Mamta Degree College, Aurangabad, Bihar, India.

FDP/WEBINAR/WORKSHOP CONFERENCE/CONDUCTED

- **Convener- Techfest** Event Organized by Gopal Narayan Singh University, Faculty of Information Technology, Sasaram, Bihar, India, held from March 2022.
- **Coordinator-** Summer Training Program **"Office Automation"** Organized by Gopal Narayan Singh University, Faculty of Information Technology, Sasaram, Bihar, India, held from 10 January to 20 January 2022.
- **Co-convener –** International Conference on "Emerging Trends of Technology in Computational &Socialist Era" Organized by Gopal Narayan Singh University, Faculty of Information Technology, Sasaram, Bihar, India, held from 10 to 11 September 2021.
- **Co-convener –** First Global International Webinar FDP on Future Generation on Computing and Communication (FGCC) - 2021, Gopal Narayan Singh University, Faculty of Information Technology, Sasaram, Bihar, India, held from 23 to 25 September 2021.
- **Coordinator-** Three Days Training Program "Emerging Technology Trend For Effective Disaster Management" Faculty of Information Technology, Gopal Narayan Singh University, In collaboration with National Institute of Disaster Management, Ministry of Home Affairs, Government of India, New Delhi, Held from 09 to 11 June 2022.

TECHNICAL PROGRAM

- **Member-** 1st International Conference on "Healthcare Innovation and Smart Systems (ICHISS-

COMMITTEE

2024)" Organized by Department of Computer Science and Engineering, Sri Shankaracharya Institute of Professional Management and Technology, Raipur, Chhattisgarh, India, held from 29 to 30 December 2024.

PROJECTS / THESISGUIDED/SUPERVISED

- **Project Guided-** Capstone Project- "WOW Food" BCA 5 Semester, Date: August 2023, **Name of Students:** Abhishek Bhushan, Adarsh Kumar, Juhi Kumari, Kavita Priyam, Kartik Kumar, Prasoon Tiwary, Shilpi Kumari, Faculty of Information Technology, Gopal Narayan Singh University, Bihar, 821307.
- **Project Guided-** Minor Project- "Smart Modern Blind Stick" BCA 5 Semester, Date: August 2023, **Name of Students:** Abhishek Bhushan, Prasoon Tiwary, Priyanshu Kumari, Rahul Kumar, Ritesh Kumar, Manish Kumar, Faculty of Information Technology, Gopal Narayan Singh University, Bihar, 821307.
- **Project Guided-** Major Project- "Implementation of Smart Irrigation System" MSC IT 4 Semester, Date: December 2021, **Name of Students:** Rabiya Khatoon, Faculty of Information Technology, Gopal Narayan Singh University, Bihar, 821307.
- **Project Guided-** Major Project- "Library Database Management" MSC IT 4 Semester, Date: July 2022, **Name of Students:** Akash Gupta, Faculty of Information Technology, Gopal Narayan Singh University, Bihar, 821307.
- **Project Guided-** Major Project- "Hospital and Patient Management System" MCA 4 Semester, Date: August 2023, **Name of Students:** Kajal Kumari, Vidyasagar, Umakant, Faculty of Information Technology, Gopal Narayan Singh University, Bihar, 821307.
- **PhD Co-Guide-** Mr. Abhishek Kumar, Enroll. No.- A60236321001, "Design A Hybrid Security Framework for Internet of Things", Amity University, Gwalior, M.P, India, 474011.**(On Going)**
- **PhD Co-Guide-** Mr. Hitesh Kumar Sharma, Enroll. No.- A60236321002, "Message Response Time Optimization Algorithm in IoT Communication", Amity University, Gwalior, M.P, India, 474011.**(On Going)**

FDP/WEBINAR/WORKSHOPPARTICIPATION

September 2014
- **Workshop Attended**-International Research Workshop on Cloud Computing Organized By School of Computer and Systems Sciences, JNU, New Delhi Held on 26-27 September 2014.

February 2015
- **Participated** in NSD (National Science Day) poster presentation held on February 28, 2015 at Convention Centre, Jawaharlal Nehru University, New Delhi.

December 2015
- **Workshop Attended**-International Research Workshop on Cloud Computing Organized By School of Computer and Systems Sciences, JNU, New Delhi Held on 22-23 December 2015.

December 2016
- **Workshop Attended**-International Research Workshop on Cloud Computing Organized By School of Computer and Systems Sciences, JNU, New Delhi Held on 22-23 December 2016.

February 2017
- **Participated** as a Volunteer in NSD (National Science Day) and poster presentation held on February 28, 2017 at Convention Centre, Jawaharlal Nehru University, New Delhi.

January 2018
- **Attended GIAN Course** on Cloud Data Center Service Provisioning Theoretical and Practical Approaches Held in the School of Computer and Systems Sciences, JNU from January 29 to February 09 2018.

December 2019
- **FDP Attended -** Participated & completed successfully AICTE Training and Learning (ATAL) AcademyFDP on "Cyber Security" from 16-12-2019 to 20-12-2019 at Jawaharlal Nehru University, New Delhi.

May 2020
- **Webinar Attended -** Participated in "Future Trends in AI" Organized by Graduate School of Engineering and Technology, Gujarat Technological University, Gujarat, Held on 20 May 2020.

June 2020
- **FDP Attended -** Participated & completed successfully AICTE Training And Learning (ATAL) Academy FDP on "Internet of Things" from 31-05-2020 to 04-06-2020 at Jawaharlal Nehru University, New Delhi.

June 2020
- **FDP Attended -** Participated & completed successfully AICTE Training And Learning (ATAL) Academy FDPon "Artificial Intelligence" from 08-12 June 2020, at NIT Jamshedpur, Jharkhand.

June 2020
- **Webinar Attended -** Participated in "Industry 4.0: Role of AI and Data Science" Organized by Department of Computer Science and Engineering, Bhagwan Parshuram Institute of Technology, New Delhi, Held on 15 June 2020.

June 2020
- **Workshop Attended -** Participated in One Week National Workshop on "Research Challenges in Computer Science and Technology" Organized by Department of Computer Science and Information Technology, Mahatma Gandhi Central University, Bihar, Held on 18-23 June 2020.

June 2020
- **FDP Attended -** Participated in "Emerging Technologies in Cloud computing, IOT and Blockchain" Organized by Department of Computer Science and Engineering of Jaypee Institute of Information Technology, Noida, UP, Held on 19-23 June 2020.

June 2020
- **Webinar Attended -** Participated in "Blockchain for IoT" Organized by Department of Computer Science and Engineering, Proudhadevaraya Institute of Technology, Karnataka, Held on 20 June 2020.

June 2020
- **Webinar Attended -** Participated in "Cyber Crime In The Digital Era" Organized byAsian Development Educational & Research Foundation, Centre for Development of Education, India, Held on 20 June 2020.

Curriculum Vitae

June 2020	▪ **FDP Attended -** Participated in "Disruptive Technologies in Electronics & Communications" Organized by VidyaJyothi Institute of Technology, Hyderabad, Held on 22-27 June 2020.
June- July 2020	▪ Certificate on Completion of Online Course on "Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials" Conducted by **Indian Institute of Remote Sensing (IIRS), ISRO,** Dehradun, India, During 13-06-2020 to 01-07-2020 .
July 2020	▪ **Webinar Attended -** Participated in "Blockchain Technology" Organized by Department of Computer Science and Engineering, Malla Reddy Institute of Technology and Science, Telangana, India, Held on 02 July 2020.
July 2020	▪ **FDP Attended -** Participated in "Machine Learning and Its Application Using Python" Organized by Ajay Kumar Garg Engineering College- MCA, Ghaziabad, Uttar Pradesh, India, Held on 29 June- 03 July 2020.
July 2020	▪ **FDP Attended -** Participated in "Future Nano Electronic Devices and Circuits" Organized by Department of Electronics and Communication Engineering, Mahatma Gandhi Institute of technology, Hyderabad, Telangana, India, Held on 06-10 July 2020.
July 2020	▪ **FDP Attended -** Participated in "Post Pandemic Scenario Building using AI, ML and Optimization Techniques" Organized by KDK College of Engineering, Nagpur, India, Held on 10-14 July 2020.
July 2020	▪ **FDP Attended -** Participated in "Python Programming" Organized by Department of Computer Science and Engineering, Koneru Lakshmai, Hyderabad, Telangana, India, Held on 15- 18 July 2020.
July 2020	▪ **Webinar Attended -** Participated in "Scope of Supply Chain Managment In Future Work Space" Organized by Centre for Development of Education Asian Development Educational & Research Foundation, India, Held on 19 July 2020.
July 2020	▪ **FDP Attended -** Participated in "Emerging Trends in Data Science & IoT" Organized by Department of Computer Science &Information Technology, Arka Jain University, Jamshedpur, Jharkhand, India, Held on20- 25 July 2020.
July 2020	▪ **Workshop Attended**- Participated in "National Instructional Workshop on Cryptology" Organized by School of Computer and Systems Sciences, JNU, New Delhi, India, Held on 22- 26 July 2020.
July 2020	▪ **Webinar Attended -** Participated in "Role of Engineers in National Security: Atal Tunnel, An Engineering Marvel" Organized by Department of Applied Sciences and Humanities, Raja Balwant Singh Engineering Technical Campus, Bichpuri, Agra (Uttar Pradesh), India, Held on 28 July 2020.
July 2020	▪ **FDP Attended -** Participated in "Simulation and Modeling of Data Communication & Networking" Organized by Department of Electronics and Communication Engineering, Mahatma Gandhi Institute of technology, Hyderabad, Telangana, India, Held on 27-31 July 2020.
August 2020	▪ **Webinar Attended -** Participated in "AI Exploring the Next Generation Convergence" Organized by Department of Electronics and Communication Engineering, Mahatma Gandhi Institute of technology, Hyderabad, Telangana, India, Held on 08 August 2020.
August 2020	▪ **Webinar Attended -** Participated in "Applied Industrial Machine Learning" Organized by Department of Electronics and Communication Engineering, Mahatma Gandhi Institute of technology, Hyderabad, Telangana, India, Held on 09 August 2020.
August 2020	▪ **FDP Attended -** Participated in "Matlab Tools & Applications" Organized by Department of Mathematics, Babu Banarasi Das Northern India Institute of Technology (AKTU College Code: 056), Lucknow, India, Held on07-08 & 10 August 2020.
August 2020	▪ **FDP Attended -** Participated in "Blockchain and Its Application" Organized byDepartment of Computer Science and Engineering, Ajay Kumar Garg Engineering College, Ghaziabad, UP, India, Held on 10-14 August 2020.
August 2020	▪ **Short Term Course TEQIP-III-**Participated in " Aspects of Modern Optimization Techniques in Science and Engineering (AMOTSE)" Organized by National Institute of Technology, Arunachal Pradesh and Government College of Technology Coimbatore, Tamil Nadu, India, held from 17-21August 2020.
August 2020	▪ **Short Term Training Programme (STTP)-** Participated in "Image Processing and its Application" Organized by Department of Computer Engineering, Poornima Institute of Engineering & Technology, Jaipur, India, held from 24-29 August 2020.
September 2020	▪ **FDP Attended -** Participated in "Green Energy: The Energy of Future (GEEF-2020)" Organized by Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, India, held from 07-11 September 2020.
September 2020	▪ **Short Term Training Programme (STTP)-** Participated in "Image Processing and its Application" Organized by Department of Computer Engineering, Poornima Institute of Engineering & Technology, Jaipur, India, held from 07-12September 2020.
September 2020	▪ **FDP Attended -** Participated in "Smart Cities- Challenges and Opportunities" Organized by National Institute of Technology (NIT) Patna, India, Sponsored by TEQIP III, held from 10-14September 2020.
September 2020	▪ **FDP Attended -** Participated in "Artificial Intelligence using Python" Organized by Department of Computer Science and Engineering(CSE) and Information Technology(IT), Chirala Engineering College, Andhra Pradesh, association with Brainovision Solutions India Pvt. Ltd. &

National Youth Council of India held from 14-19 September 2020.

- September 2020 — **FDP Attended** - Participated in "Block Chain and Its Application" Organized by Poornima Institute of Engineering & Technology, Jaipur, India, held from 15-19 September 2020.
- September 2020 — **FDP Attended** - Participated in "Advancements in Signal Processing and Optimization Techniques in WSN" Organized by Poornima Institute of Engineering & Technology, Jaipur, India, Sponsored by TEQIP III, held from 21-25September 2020.
- October 2020 — **Workshop Attended**-Participated in "Internet of Things and Security Challenges" Organized by NIELIT, Agartala, held from 05-09October 2020.
- October 2020 — **FDP Attended** - Participated in "Cyber Security" Organized by NIT Patna, MNIT Jaipur and Ministry of Electronics and Information Technology, Government of India, held from 05-11October 2020.
- November 2020 — **Short Term Training Programme (STTP)** -Participated in "Data Science with Python" Organized by Department of Computer Science and Engineering, AKGEC, Ghaziabad, held from 02-07November 2020.
- January 2021 — **Short Term Training Programme (STTP)** - Participated in "Python Based Machine Learning, Fundamentals to Application[Phase- II]" Organized by Department of Electronics and Communication, Anurag Engineering College, Kodad, India, held from 18-23January 2021.
- March 2021 — **Short Term Training Programme (STTP)** - Participated in "Research Trends in Machine Learning and IoT (RTMI)" Organized by Department of Computer Science and Engineering, MNNIT, Allahabad, held from 15-19March 2021.
- March 2021 — **One Day National Summit** - Participated in "Cyber Security" Organized by Institute of Technology and Science, Mohan Nagar, Ghaziabad, held from 20March 2021.
- July 2021 — **FDP Attended** - Participated in "Implementation of Industry 4.0 & Its Challenges" Organized by New Horizon College of Engineering, held from 5 to 9 July 2021.
- July 2021 — **FDP Attended** - Participated in "A Deep Dive in the field of Automation: ML and IoT" organized by the Instrumentation and Control Engineering Department with Research & Development Cell, Bharati Vidyapeeth's College of Engineering, New Delhi, held from 8 to 12 July 2021.
- July 2021 — **Workshop Attended**-Participated in "Ancient Indian Science & Technology (AIST-2021)" organized by the Office of Dean (Student Welfare), National Institute of Technology Jamshedpur, Jharkhand, held from 5th - 10th July, 2021.
- July 2021 — **FDP Attended** - Participated in "Artificial Intelligence" Organised by Department of Electrical Engineering, Bansal Institute of Engineering and Technology, Lucknow, held from 19 to 25 July 2021.
- August 2021 — **FDP Attended** - Participated in "Sensor Technology in Lifestyle Enrichment" Organised by Easwari Engineering College, held from 2 to 6 August 2021.
- August 2021 — **FDP Attended** - Participated in "Cyber Security in Digital Era" Organised by Department of Computer Sciences Baba Ghulam Shah Badshah University, Rajouri (J&K), held from 23 to 27 August 2021.
- August 2021 — **Workshop Attended**-Participated in "Cyber Security and Digital Forensic" Organised by Department of Computer Science, Aligarh Muslim University, Aligarh, held from 26 to 30 August 2021.
- March 2022 — **FDP Attended** - Participated in "Integration of Renewable Energy and Smart Grids for Smart Cities" Organized by Department of Electrical Engineering, Bansal Institute of Engineering and Technology, Lucknow, held from 07 March to 12 March 2022.
- May 2022 — **Webinar Attended** - Participated in "Technology for Disaster Resilient Agriculture" Organised by National Institute Of Disaster Management, Ministry Of Home Affairs, Govt. Of India In Collaboration With GNS University Bihar, Held on 30 May 2022.
- August 2022 — **Training Program**- Participated in "Intellectual Property Awareness Program" Organised by National Intellectual Property Awareness Mission, Government of India, Held on 01 August 2022.
- August 2022 — **FDP Attended** - Participated in "Perfection in Education" Organised by Maharishi University of Information Technology, Noida, Uttar Pradesh, India, Held on 01 to 05 August 2022.
- October 2022 — **FDP Attended** - Participated in "Cyber Security: Managing Risk in the Information Age" Organised by National Institute of Technology Jalandhar, Punjab, Held on 12 to 16 October 2022.
- February 2023 — **FDP Attended** -Participated in "ML/DL for Data Science and Analytics Using Python" Organised by National Institute of Technology Jalandhar, Punjab, Held on 15 to 19 February 2023.
- June 2023 — **FDP Attended** -Participated in "Advancements in Next Generation computing and Communications in the IoT Age" Organised by IEM, Kolkata, Held on 19 to 23 June 2023.
- June-July 2023 — **FDP Attended** -Participated in "Teaching and Research Essentials" Organised by Chandigarh University, Punjab, Held on 26 June to 01 July 2023.
- July 2023 — **FDP Attended** -Participated in "Implementing IoT and Machine Learning Applications on Raspberry Pi" Organised by Bhivarabai Sawant College of Engineering and Research, Pune, Held on 03 to 07 July 2023.
- July 2023 — **Short Term Course Attended** -Participated in "Machine Learning and Its Applications in IoT, Computer Vision and Cloud Computing" Organised by NIT, Jamshedpur, Jharkhand, Held on 10 to 14 July 2023.
- **FDP Attended** -Participated in "Cyber Intelligence and Awareness on Social Media Security

V2.0", Organised by Institute of Engineering and Management, Department of Computer Application and Science, Kolkata, Held on 27 November to 01 December 2023.

November 2023
- **Short Term Course Attended** -Participated in "Machine Learning and Data Science Marvels" Organised by Bengal College of Engineering and Technology, Kolkata, Held on 12 March to 16 March 2024.

March 2024
- **FDP Attended** -Participated in "Cognitive Computing for Smart Applications", Organised by Department of Artificial Intelligence and Data Science, Vishwakarma Institute of Information Technology, Pune, Held on 18 March to 22 March 2024.

March 2024
- **FDP Attended** -Participated in "Effect of Generative AI in Modern Research and Industry", Organised by Department of Computer Science, Sister Nivedita University, Kolkata, India, Held on 29 April to 03 May 2024.

April 2024
- **FDP Attended** -Participated in "Intellectual Property Rights in the Age of AI, ML, Cyber Security and Block Chain", Organised by Department of Computer Applications, Mangalmay Institute of Management and Technology, Gr. Noida, UP, India, Held on 24 June to 28 June 2024.

June 2024
- **Lecture Series Attended** -Participated in "Bridging Academia and Industry: Exploring Innovations in Latest Trends and Technology", Amity School of Engineering and Technology, Amity University, Gwalior, MP, India, Held on 10 July to 22 July 2024.

July 2024
- **FDP Attended** -Participated in "Next Generation Technologies on Information and Communication", Organised by Department of IT, CSE, CSE (AI/ML) and CSE (Data Science), Bengal College of Engineering and Technology in Collaboration with IIC and EDC, Held on 05 to 09 November 2024.

November 2024
- **Workshop Attended** -Participated in "Research and Innovation with Artificial Intelligence and is Applications", Organised by NSUT, Delhi, India, Held on 19 to 20 February 2025.

February 2025
- **FDP Attended** -Participated in "Innovations and Challenges in Building a Secure Digital Future in the AI and Quantum Computing Era", Organised by Department of Information Technology and Engineering, Amity University in Tashkent from 02 June 2025 to 06 June 2025.

June 2025
- **FDP Attended** -Participated in "Cutting Edge Technologies in Computer Science", organized by the Department of Computer Science & Engineering, Amity University Madhya Pradesh, held from 23rd January to 29th January 2026.

January 2026
- **FDP Attended** -Participated in "Impact and Influence of AI in the Age of Generative and Agentic AI", Organised by Department of Computer Science, Sister Nivedita University, India, 2-6 February 2026.

February 2026
- **STTP Attended** -Participated in "Smart Electronic Devices and Future Computing Paradigms", Organised by BCET, Durgapur, India, 16-20 June 2026.

June 2026

JOURNAL EDITOR/REVIEWER

- **Reviewer-** International Journal of Research and Analytical Reviews (IJRAR), E-ISSN: 2348-1269, P-ISSN: 2349-5138, An International Open Access Journal, ESTD:2013 .
- **Reviewer-** International Journal of Systems and Software Security and Protection (IJSSSP), IGIGlobal, ISSN: 2640-4265, EISSN: 2640-4273, DOI: 10.4018/IJSSSP, ESTD: 2018.
- **Reviewer-** Journal of Computer Science, ISSN: 1549-3636 (Print), ISSN: 1552-6607 (Online).
- **Reviewer-** Advances in Science, Technology and Engineering Systems Journal (ASTESJ), (ISSN: 2415-6698).
- **Reviewer-** International Journal of Socially Responsible and Sustainable Healthcare (IJSRSH), IGI Global, DOI: 10.4018/IJSRSH .

PERSONNAL INFORMATION

Father's Name	Dharmendra Prasad
Mother's Name	Girija Devi
Date of Birth	17 July 1987
Permanent Address	Swastik Jewellers, Old G.T Road, Dehri Bazar, Near Babu Ganj More, Dehri On Sone, Rohtas, Bihar, India, Pin- 821307
Present Address	Swastik Jewellers, Old G.T Road, Dehri Bazar, Near Babu Ganj More, Dehri On Sone, Rohtas, Bihar, India, Pin- 821307
Languages Known	Hindi, English
Passport Number	Available
Pan Card	Available
Aadhar Card	

DECLARATION

I hereby declare that the all information furnished above are true and correct to the best of my Knowledge and belief.

Place: Dehri On Sone

Dr. Sumit Kumar