Date of Birth Mobile Whatsapp Email Address	Personal Information Satish Kumar Singh Feb 13, 1980 +91 9532096413 +91 9792836413 sk.singh@iiita.ac.in Room No: 5057, C V Raman Bhawan Indian Institute of Information Technology Allahabad Prayagraj, 211015, Uttar Pradesh India https://cvbl.iiita.ac.in/sks/
	Areas of Interest
July 2005– Present	
	Work Experience
Dec 2017 – Present	Associate Professor Indian Institute of Information Technology Allahabad, UP, India - Teaching, and Supervising Engineering UG, PG, & Ph.D. Students - Writing & Publishing Research Articles - Managing Funded Research Project and Consultancy - Organizing Workshops/Seminars/Short Term Courses/Conferences
Oct 2022 – Present	
May 2022 – May 2022	Visiting Professor Department of Mathematics & Computer Science, University of Munster, Germany - Writing & Publishing Research Articles - Managing Funded Research Project
Jan 2013 – Dec 2017	Assistant Professor Indian Institute of Information Technology Allahabad, UP, India
June 2010 – Dec 2012	Assistant Professor Jaypee University of Engineering and Technology Guna, MP, India
Oct 2007 – June 2010	Senior Lecturer Jaypee University of Engineering and Technology Guna, MP, India
Jul 2005 – Sep 2007	Lecturer Jaypee University of Engineering and Technology Guna, MP, India
Jul 2004 – June 2005	Trainee/Masters Thesis Raja Ramanna Center for Advanced Technology Indore, MP, India
June 2002 – June 2002	
June 2001 – June 2001	Summer Intern

Indian Telephone Industries Raebareli, UP, India

Educational Qualification

2006 - 2010	Jaypee University of Information Technology Waknaghat, HP, India
	Doctor of Philosophy in Computer Science and Engineering: Image Processing
	Class/Percentage: First-Class

- 2003 2005 Devi Ahilya University, MP, India Master of Technology: Laser Sc and Applications Class/Percentage: First-Class/ 77
- 1999 2003 Dr. R M L Avadh University Faizabad, UP, India Bachelor of Technology: Electronics Engineering Class/Percentage: First-Class/ 75
- 1994 1996 GIC Raebareli, UP-Board, UP, India Intermediate: PCM Class/Percentage: First-Class/ 74
- 1992 1994 GIC Raebareli, UP-Board, UP, India High School: Science Class/Percentage: First-Class/ 74

Professional Qualification

March 2002 Graduate Aptitude Test for Engineers, Ministry of Human Resource Development, Government of India with 92.6 Percentile in Electronics and Communication Engineering

Editorial Services

- 2020– Present Associate-Editor, International Journal of Pattern Recognition and Artificial Intelligence (WS-IJPRAI)
- 2016– Present Associate-Editor, Journal of Pattern Recognition Research (JPRR)
 - 2020– 2022 **Guest-Editor**, Neural Computing and Applications in Computer Vision and Image Processing (Springer-NCAA)
 - 2020– 2022 **Guest-Editor**, Springer Nature Computer Science SI on Recent Trends in Computer Vision (Springer-NCS)
 - 2020– 2022 **Guest-Editor**, Springer Nature Computer Science SI on Progress in Image Processing (Springer-NCS)
 - 2020–2022 Associate-Editor, IET Image Processing (IET-IPR)

Professional Society Affiliations

- 2020- Present Fellow Institute of Engineers, India (F1265425)
- 2006- Present Fellow Institution of Electronics and Telecom. Engineers, India (F188607)
- 2009– Present Sr Member Institute of Electrical and Electronics Engineers, USA (SM90940168)
- 2010- Present Sr Member Int. Asso. of Computer Science and Info. Tech., USA (SM88338811)
- 2020- Present Member Int. Asso. of Pattern Recognition (M242)
- 2010- Present Member International Association of Engineers, UK (M64758)

Thesis and Project Supervision

July 2005– Present Doctor of Philosophy: Supervised: 10; Ongoing: 07 Mater of Technology: Supervised: 46; Ongoing: 04 Bachelor of Technology: Supervised: 152; Ongoing: 00

Consultancy Projects

2022 – 2022	Title: Research Consultant and Collaborator Company/Agency: Eventila Technologies Pvt Ltd (Spyne.AI) Gurgaon, India Status: Completed Scheme: Consultancy under Industry-Academia Interaction
2021 - 2024	Title: Biometric Research and Development Consultant Company/Agency: SecureMantra Technologies (P) Ltd, India Status: Ongoing Scheme: Consultancy under Industry-Academia Interaction
2021 – 2025	Title: Augmented Vision For Defense Applications Company/Agency: Defense Research and Development Organization, India Status: Ongoing Scheme: PhD for WP under Industry-Academia Interaction
	Funded Research/Development Projects and Grants
2024 – 2026	 Title: Al System Design and Development to Tackle the Foot and Mouth Disease in Cattle from Rural Areas Funding Agency: Higher Education Funding Agency (HEFA) Amount: Rs. 1,00,00,000/- Only. Status: Under Review
2024 – 2026	Title: Modern Al-Based Computer Assisted Criminal Investigation using Sketch- to-Face Synthesis based Facial Recognition Funding Agency: IDAPT-HUB Foundations IIT(BHU) Varanasi, India Amount: Rs. 19,94,344/- Only. Status: Under Review
2023 – 2025	Title: Development of Deep Learning based CCTV Footage Super-resolution for Human Subject Recognition for Defence Applications Funding Agency: IDAPT-HUB Foundations IIT(BHU) Varanasi, India Amount: Approx Rs. 10,45,000/- Only. Status: Ongoing
2022 – 2024	 Title: Thermo-Visible Deep Multimodal Ocular Biometric Recognition and Facial Thermal Profiling in COVID-19 Reality Funding Agency: Department of Science and Technology (DST), India-Slovenia, International Bilateral Co-operation Division India Amount: Approx Rs. 27,00,480/- Only (Both Side). Status: Ongoing
2021 – 2023	 Title: Design of Efficient Descriptors for Biomedical Image Retrieval in Computer Assisted Diagnosis Funding Agency: Department of Science and Technology (DST), India and Deutscher Akademischer Austauschdienst (DAAD), Germany Amount: Approx Rs. 21,64,000/- Only (Both Side). Status: Ongoing
2023-2023	Event: Summer School on Computational Advances in Deep Learning and Applications (CADLA-2023), Indian Institute of Information Technology Allahabad-211015, India Funding Agency: IEEE Computational Intelligence Society, USA Amount: Approx Rs. 5,33,000/- Only (Eq \$6500). Status: Completed
2019 – 2022	 Title: A Web Browser based Intelligent Kernel Tool for Automatic Detection and Blocking of Obscene Image and Video Contents in Real Time Funding Agency: Ministry of Home Affairs, Government of India Amount: Rs. 38,30,400/- Only. Status: Completed

2021 **Title:** IEEE Signal Processing Society Cycle-2 School Project on Advanced Biometric Signal Processing Techniques, Indian Institute of Information Technology Allahabad, Prayagraj-211015

Funding Agency: IEEE Signal Processing Society **Amount:** Rs. 2,16,000/- Only. **Status:** Completed

- 2019 2020 Title: Image Super-resolution
 Funding Agency: Defence Institute of Psychological Research, Defence Research and Development Organisation, Government of India.
 Amount: Rs. 9,22,000/- Only.
 Status: Completed
- 2017 2019 Title: Design and Development of Software package(s) for image illumination normalization and coloring of IR images
 Funding Agency: Defence Institute of Psychological Research, Defence Research and Development Organisation, Government of India.
 Amount: Rs. 24,52,643/- Only.
 Status: Completed
 - 2019 Title: IEEE Signal Processing Society Meeting on Advances in Deep Architectures for Signal, Image & Vision Applications Grant, Indian Institute of Information Technology Allahabad, Prayagraj-211015
 Funding Agency: IEEE Signal Processing Society
 Amount: Rs. 324000/- Only.
 Status: Completed (L31 Report Submitted)
 - 2019 Title IEEE Signal Processing Society Distinguished Lecturer (DL) Program Grant, Indian Institute of Information Technology Allahabad, Prayagraj-211015, India
 Funding Agency: IEEE Signal Processing Society
 Amount: \$1350/- Only.
 Status: Completed (L31 Report Submitted)
- 2017 2018 Title: Automatic Face Detection, Retrieval, and Recognition from Heterogeneous large-scale database for secure access, IIIT Allahabad
 Funding Agency: Ministry of Human Resource Development, Government of India.
 Amount: Rs. 10,00,000/- Only.
 Status: Completed.
- 2015 2018 **Title:** Global Initiative of Academic Network (GIAN) **Funding Agency:** Ministry of Human Resource Development, Government of India **Amount:** Rs. 59,84,000/- Only. **Status:** Completed (Report submitted)
 - 2017 Title: NVIDIA Corporation GPU Grant for GeForce Titan-X Pascal (Under University Partnership Program to support the research)
 Funding Agency: NVIDIA Corporation
 Amount: Rs. 3,25,000/- Only.
 Status: Completed.
- 2016 2017 **Title:** 300KWp Grid-Connected Rooftop Solar PV Power Project **Funding Agency:** Ministry of New and Renewable Energy, Government of India **Amount:** Rs. 2,40,00,000/- Only. **Status:** Completed
 - 2016 Title: IEEE Signal Processing Society Distinguished Lecturer (DL) Program, Grant, Indian Institute of Information Technology Allahabad, Prayagraj-211015, India
 Funding Agency: IEEE Signal Processing Society
 Amount: \$3500/- Only.
 Status: Completed(L31 Report Submitted).

- 2015 Title: IEEE Signal Processing Society Distinguished Lecturer (DL) Program, Grant, Indian Institute of Information Technology Allahabad, Prayagraj-211015, India
 Funding Agency: IEEE Signal Processing Society
 Amount: \$3500/- Only.
 Status: Completed(L31 Report Submitted).
- 2013 2014 Title: Science and Engineering Research Board Department of Science and Technology International Travel Support(ITS) Grant for Young Scientists
 Funding Agency: Science and Engineering Research Board, Department of Science and Technology, Government of India
 Amount: Rs. 2,46,436/- Only.
 Status: Completed (Report Submitted)

Invited Talks/Expert Lectures/Convener/Coordinator

- Dec 1–3, 2023 **Event:** 10th IEEE UP Conference on Electrical, Electronics and Computer Engineering (UPCON-2023) Amity University Greater Noida-201308, Uttar Pradesh, India **Topic:** IEEE Conference **Role**: General Chair
- Oct 30– Nov 3, 2023 **Event:** 6th One-Week Self Sponsored Short Term Course, IIIT Allahabad-211015, India **Topic:** Advances in Deep Architectures for Signal, Image and Vision Applications **Role**: Coordinator and Main Teacher

- Sep 14–15, 2023 Event: International Conference on Sustainable Emerging Innovations in Engineering and Technology, ABES Engineering College, Ghaziabad-201009, Uttar Pradesh, India
 Topic: AI and Sustainability Issues, IEEE Conference
 Role: Keynote Talk
 - Sep 8–9, 2023 **Event:** 3rd International Conference on Innovative Sustainable Computational Technologies, Graphic Era University, Dehradun-248002, Uttrakhand, India **Topic:** Sustainable AI, IEEE Conference **Role**: Keynote Talk
- July 17–21, 2023 **Event:** IEEE CIS Summer School, Indian Institute of Information Technology Allahabad-211015, India **Topic:** Computational Advances in Deep Learning and Applications (CADLA-2023) **Role:** Coordinator and Main Teacher
 - Dec 2–4, 2022 **Event:** 9th IEEE UP Conference on Electrical, Electronics and Computer Engineering (UPCON-2022) Indian Institute of Information Technology Allahabad, Prayagraj-211015, Uttar Pradesh, India **Topic:** IEEE Conference **Role**: General Chair
 - Oct-Nov, 2022 **Event:** ATAL Faculty Development Program, Indian Institute of Information Technology Allahabad, India **Topic:** Advances In Artificial Intelligence **Role:** PI/Coordinator
 - Sep 17, 2022 Event: IEEE Seasonal School on Applications of Machine Learning in Signal, Image and Computer Vision
 Topic: Recent Developments in Deep Learning
 Role: Invited Speaker
- Aug 12–13, 2022 **Event:** Conference on Computer Vision and Machine Intelligence (CVMI-2022) Indian Institute of Information Technology Allahabad, Prayagraj-211015, Uttar Pradesh, India **Topic:** IEEE Conference **Role**: Conference Chair
- Aug 8–13, 2022 **Event:** 5th One-Week Self Sponsored Short Term Course, IIIT Allahabad-211015, India **Topic:** Advances in Deep Architectures for Signal, Image and Vision Applications **Role**: Coordinator and Main Teacher

May 5, 2022	Event: Guest Talk, Faculty of Mathematics and Computer Science, W. W. University of Munster, Germany Topic: Biasness and Fairness Issues Worth Considering for AI Role : Invited Speaker
Feb 8, 2022	
Jan 18, 2022	Event: ATAL FDP on Machine Learning applications on Image processing, Nagarjuna College of Engineering and Technology, Bangalore–562164, Karnataka, India Topic: Deep Learning Architectures for Image Processing Applications Role : Invited Speaker
Dec 17–18, 2021	Event: 3rd International Conference on Advances in Computing, Communication Control, and Networking, Galgotias College of Engineering and Technology, Greater Noida, India Topic: IEEE Conference Role : General Chair
Dec 16, 2021	Event: ATAL FDP on Data Sciences and Its Applications, Central University Of Tamil Nadu, Thiruvarur–610005, Tamil Nadu, India Topic: Recurrent Neural Networks Role : Invited Speaker
Dec 06–10 2021	Event: 4th One-Week Self Sponsored Short Term Course, IIIT Allahabad-211015, India Topic: Advances in Deep Architectures for Signal, Image and Vision Applications Role : Coordinator and Main Teacher
Dec 03–05, 2021	Event: 6th International Conference on Computer Vision and Image Processing, Indian Institute of Technology, Ropar-140001, India Topic: IAPR Conference Role : Conference Chair
Nov 29, 2021	Event: ATAL FDP on Principles of AI,ML and DL, University Of Mysore, Mysuru-570005, Karnataka, India Topic: Facial Recognition under Surveillance Settings Role : Invited Speaker
Nov 26, 2021	Event: 7th International Conference on Signal Processing and Communication (ICSC 2021), JIIT Noida-201309, India Topic: Deep Learning for Signal Processing Applications Role : Invited Speaker
Nov 11–13, 2021	Event: 8th IEEE Conference on Electrical, Computer, and Electronics, UPCON-2021, BTKIT Dwarhat-248197, India Topic: IEEE Conference Role : General Chair
Oct 23–28, 2021	Event: IEEE SPS Cycle 2 School Topic: Project on Advanced Biometric Signal Processing Techniques Role : Cordinator and Main Teacher
Oct 21, 2021	Event: ATAL FDP on Artificial Intelligence in Renewable Power Generation, University of Lucknow, Lucknow–226007, Uttar Pradesh, India Topic: AI for Data Analysis Role : Invited Speaker
Oct 4, 2021	Event: ATAL FDP on DFundamentals and Applications of Photonic Crystals and Metama- terials, IIIT Allahabad, Prayagraj–211015, Uttar Pradesh, India Topic: Fundamental of Deep Learning Techniques in Materials Informatics Role : Invited Speaker

Sep 17, 2021	Event: ATAL FDP on IoT and Cloud based Sensors and Networks, PSIT Kanpur, Uttar Pradesh,
	Topic: Deep Learning: Introduction and Application in IoT and sensor Networks Role : Invited Speaker
Sep 15, 2021	Event: ATAL FDP on Internet of Things with Machine Learning and Artificial Intelligence, ITS Greater Noida, Uttar Pradesh, Topic: Deep Learning: Humble Introduction and Applications Role : Invited Speaker
Aug 20, 2021	 Event: Workshop on Recent Trends in Biomedical Imaging and Applications, Dept. of Applied Science, IIIT Allahabad, Uttar Pradesh, Topic: Histopathological Image Analysis using Deep Learning Models Role: Invited Speaker
July 20, 2021	Event: FDP on Recent Trends and Advancements in the Era of Machine Learning, Harcourt Butler Technical University Kanpur, Uttar Pradesh, Topic: Convolution Neural Network Essentials Role : Invited Speaker
July 06, 2021	Event: ATAL FDP on Best Teaching-Learning and Assessment Practices in Computer Science/Information Technology based on National Education Policy (NEP), JSS Science and Technology University, Mysore, Karnataka, Topic: Best Teaching-Learning practices : Student Engagement and Attention Role : Invited Speaker
June 23, 2021	 Event: ATAL FDP on Artificial Intelligenece in Contemporary Biomedical and Healthcare Applications: Fundamentalas and Handson on MATLAB, Gautam Budhha University, Greater, Noida,Uttar Pradesh Topic: Deep Learning based Al in Health Care Applications Role: Invited Speaker
June 06–11, 2021	Event: 2021 IEEE International Conference on Acoustics, Speech and Signal Processing ICASSP-21, Toronto, Ontario, Canada Topic: IEEE Conference Role : Session Chair
May 4, 2021	Event: DST FDP on Entrepreneurship, Teerthankar Mahaveer University Moradabad Topic: Promoting Innovative Ventures: Role of Technology Business Incubator (TBI) Role : Invited Speaker
Feb 11, 2021	Event: ATAL FDP on Internet of Things, I.T.S Engineering College, Greater Noida,Uttar Pradesh Topic: AI + IOT and Applications Role : Invited Speaker
Dec 22, 2020	Event: AICTE QIP on Data Analytics and Its Applications in Industries, Dept. of CSE and EE, IIT(BHU) Varanasi,Uttar Pradesh Topic: Deep Learning and Applications Role : Invited Speaker
Dec 18–19, 2020	Event: 2nd International Conference on Advances in Computing, Communication Control, and Networking, GU Greater Noida, India Topic: IEEE Conference Role : General Chair
Dec 03–05, 2020	Event: 4th International Conference on Information and Communication Technology, IIITDM Kancheepuram Chennai-600127, India Topic: IEEE Conference Role : General Chair
Dec 04–06, 2020	Event: 5th International Conference on Computer Vision and Image Processing Indian Institute of Information Technology, Allahabad-211012, India Topic: IAPR Conference Role : Conference Chair

Dec 01–06 2020	Event: 3rd One-Week Self Sponsored Short Term Course, IIIT Allahabad-211015, India Topic: Advances in Deep Architectures for Signal, Image and Vision Applications Role : Workshop & Summer School Coordinator
Sep 03, 2020	Event: Webinar: Jointly organized by IEEE S.B & G. L. A. University Mathura, India Topic: How to Write a Research Paper: Tips and Tricks Role : Invited Speaker
Jul 12, 2020	Event: Webinar: Jointly organized by IEEE S.B Jain Student Branch Nagpur & IEEE RCOEM Student Branch Nagpur, India Topic: Image Classification: A Data Driven approach Role : IEEE Virtual Speaker
Jul 12, 2020	Event: Webinar: Jointly organized by IEEE S.B Jain Student Branch Nagpur & IEEE RCOEM Student Branch Nagpur, India Topic: Image Classification: A Data Driven approach Role : IEEE Virtual Speaker
Jan 31- Feb 01, 2020	 Event: Workshop & Internship Program on Data Analytics and Machine Learning, at Alva's Institute of Engineering & Technology, in Association with IIIT Allahabad, Mijar Campus, Moodbidri, Karnataka, India Topic-1: Image Classification: A Data Driven approach Topic-2: Pre-Deep Learning Essentials Role: Resource person
Dec 06–08, 2019	 Event: IEEE Signal Processing Society Distinguished Lecturer (DL) Program, Grant Indian Institute of Information Technology, Allahabad-211012, India Topic: Distinguished Lecture by Gaurav Sharma, PhD, Fellow IEEE, IIIT Allahabad & IIIT Delhi, New Delhi Role: Coordinator
Dec 06–08, 2019	Event: 3rd IEEE Conference on Information and Communication Technology, Indian Institute of Information Technology, Allahabad-211015, India Topic: IEEE Conference Role : Conference Organizing Chair
Dec 27–28, 2019	Event: Two-Day Lecture Series on Good Research Practices, Indian Institute of Information Technology, Allahabad-211015, India Topic: Good Research Practices Role : Coordinator
June 24–30 2019	Event: 2nd National Workshop & Summer School, IIIT Allahabad-211015, India Topic: Advances in Deep Architectures for Signal, Image and Vision Applications Role : Workshop & Summer School Coordinator
May 31-June 01 2019	Event: International conference on "Advances in Electronics: Electrical: Computational Intelligence", ICAEEC-2019, IIIT Allahabad Topic: International Conference Role : Session Chair(Signal & Image Processing)
Jan 15-17, 2019	 Event: Workshop & Internship Program on Data Analytics and Machine Learning, at Alva's Institute of Engineering & Technology, in Association with IIIT Allahabad, Mijar Campus, Moodbidri, Karnataka, India Topic-1: Biometrics: An Introduction Topic-2: Person Recognition: A Multimodal Biometric Approach Topic-3: Deep Learning Basics Role: Resource person
Nov 02-04, 2018	Event: 5thIEEE Conference on Electrical, Computer and Electronics, UPCON 2018, Madan Mohan University of Technology, Gorakhpur Topic: IEEE Conference Role : PhD Symposium Chair

Oct 26-28, 2018	 Event: International Conference on Information and Communication Technology, IIITDM Jabalpur, Madhya Pradesh, India. Topic: Joint Conference of IIITs (ALD, GWL, JBP & KNPM) Role: Steering Committee Member, Track & Session Chair (CI & ML)
Sep 28-29, 2018	Event: International Conference on Computing, Power and Communication Technologies, GUCON 2018, Galgotia University Greater Noida Topic: IEEE Conference Role : Session Chair
July 14–28, 2018	Event: 1stNational Workshop & Summer School, IIIT Allahabad-211015, India Topic: Advances in Deep Architectures for Signal, Image and Vision Applications Role : Workshop & School Convener
	Event: Global Initiative of Academic Networks, Course, IIIT Allahabad-211015, India Topic: Graphical Model for Machine Learning Role : Course Coordinator
Oct 29-30, 2017	 Event: IEEE SPS & CS Short Course on Cognition and Biometrics 2017, IIIT Allahabad-211015, India Topic: Cognition and Biometrics Role: Course Coordinator
Sep 27-29, 2017	Event: IEEE All India Student Young Professional and Women in Engineering Congress 2017 (AISYWC17), IIIT Allahabad-211015, India Role : Coordinator
Nov 03-05, 2017	 Event: International Conference on Information and Communication Technology, IIITM Gwalior-474015, Madhya Pradesh, India. Topic: Joint Conference of IIITs (ALD, GWL, JBP & KNPM) Role: Steering Committee Member, Track Chair and Session Chair (Signal and Image Processing)
Oct 26–28, 2017	Event: 4th IEEE Conference on Electrical, Computer and Electronics, UPCON 2017, GLA University Mathura Topic: IEEE Conference Role: Track Chair & Session Chair(Image Processing)
Dec 01, 2016	 Event: Imaging Informatics Division, BII, Agency for Science, Technology and Research (A-STAR) Singapore-138 671, Singapore. Topic: Image Descriptors an Interleaved Approach Role: Speaker
August 20-21, 2016	Event: IEEE SP/C Joint Chapter UP Section, Sponsored workshop on LATEX Typesetting, IIIT Allahabad-211015-India. Topic: LATEX Typesetting Role: Coordinator
Dec 09-11, 2016	 Event: IEEE Signal Processing Society Distinguished Lecturer (DL) Program, Grant Indian Institute of Information Technology, Allahabad-211015,India. Topic: Distinguished Lecture by Gaurav Sharma, PhD, Fellow IEEE, Varanasi & Allahabad Role: Coordinator
Dec 04-06, 2015	Event: 2rd IEEE Conference on Electrical, Computer and Electronics, UPCON 2015, Indian Institute of Information Technology, Allahabad-211015-India Topic: IEEE Conference Role: Coordinator
Dec 05, 2015	 Event: IEEE Signal Processing Society Distinguished Lecturer (DL) Program, Grant Indian Institute of Information Technology, Allahabad-211015, India. Topic: Distinguished Lecture by Gaurav Sharma, PhD, Fellow IEEE, Allahabad Role: Coordinator

Dec 04-06, 2014 **Event:** IET & MHRD Sponsored workshop on Signal processing, Samrat Ashok Technological Institute, Vidisha, Madhya Pradesh-464 001-India **Topic:** Identity verification via Multimodal Biometrics **Role:** Invited Speaker

- Nov 01-02, 2014 **Event:** IEEE Students Leadership Workshop and Meeting, Indian Institute of Information Technology, Allahabad-211012-India **Topic:** Leadership **Role:** Coordinator
- June 07-13, 2014 **Event:** SERB-DST Sponsored Summer School on Robotics, Indian Institute of Information Technology, Allahabad-211012-India **Topic:** Robotics **Role:** Coordinator
- August 16-28, 2011 **Event:** AICTE Sponsored Staff Development Program on Recent Trends in Signal processing, Samrat Ashok Technological Institute, Vidisha, Madhya Pradesh-464001-India **Topic:** Digital Watermarking **Role:** Invited Speaker
 - July 05-10, 2010 Event: JIET Sponsored Short Term Course on Digital Signal and Image Processing, Jaypee Institute of Engineering and Technology, Guna-473226-India.
 Topic: Digital image Processing and Security Issues Role: Coordinator

Awards/Scholarship/Fellowship

- 2023 Young Achievers Award, GEC and ISTE New Delhi
- 2022 Best Paper Award, CVMI IAPR
- 2021 Research Excellence Award, Amity University, Greater Noida
- 2017 Best Operational Excellence Award, College of CS&IT, TMU, Moradabad
- 2017 Best PhD Thesis Award to PhD Scholar Dr. Shiv Ram Dubey, IEEE CICT
- 2015 Best Paper Award, IEEE UPCON
- 2002 MHRD GATE Fellowship
- 1996 Sardar Patel Citation
- 1994 NCC Certificate "A"

Administrative Experiences

- 2022 Present Registrar(Actg): Administrartion, Finance, Estate, Transport, Health Center, Others
- 2021 Present Chair: IEEE SPS Chapter Uttar Pradesh Section, India
 - 2021 2023 Associate Dean: Institute Ranking, GIAN like Courses, Library, and e-Library
 - 2021 2023 Chair: IEEE Uttar Pradesh Section, India
 - 2021 2022 Member: Board of Studies, Computer Science and Engineering, BNMIT Bangluru
 - 2021 2022 Member: Board of Studies, Dept of CSE, Center for Advance Studies, UPTU Lucknow
 - 2021 2023 Member: Academic Council, SRCEM Lucknow
 - 2020 2021 Member: Recruitment, and Assesment Committee, DRDO, Ministry of Defence, Gol, India
 - 2020 2022 Expert: All India Council for Technical Education, Approval Committee, MHRD, Gol, India
 - 2020 2022 Convener: DRDO-Academia Collaboration Committee, IIIT Allahabad, India
 - 2019 2020 Correspondence In-charge: ISRO-IIITA MoU, IIIT Allahabad, India
 - 2019 2021 Convener: DPGC (IT), IIIT Allahabad, India
 - 2020 Vice-Chair: IEEE India Council, India
 - 2019 2020 Vice-Chair: IEEE Uttar Pradesh Section, India
 - 2018 2020 Faculty I/C: SPARC, Ranking and Acreditation, IIIT Allahabad
 - 2018 2020 Member: Board of Studies, Dept of IT&CA, MMMUT, Gorakhpur

- 2018 2020 Secretary: IEEE Uttar Pradesh Section, India
- 2017 2019 Secretary: SPS Chapter, IEEE Uttar Pradesh Section, India
- 2016 2017 Treasurer: IEEE Uttar Pradesh Section, India
- 2017–2018 Faculty I/C: NIRF IIIT Allahabad
- 2017–2018 Member: Students' Travel Support Committee, IIIT Allahabad
 - 2017 Member: Board of Studies, Dept of CSE, MMMUT, Gorakhpur
 - 2017 Faculty I/C: Transport,IIIT Allahabad
 - 2017 Chairman: PhD (IT) Screening Committee IIIT Allahabad
- 2016 2017 Convener: Standing Technical Committee of CPC, IIIT Allahabad
 - 2015 Joint-Secretary: IEEE Uttar Pradesh Section, India
- 2015 2017 Member: DPGC IIIT Allahabad
- 2015 17 Member Secretary: Students' Travel Support Committee, IIIT Allahabad
- 2014 2016 Secretary: SP/C Joint Chapter, IEEE Uttar Pradesh Section, India
 - 2014 Convener: Website and News Letter Committee, IEEE Uttar Pradesh Section, India
- 2014 2016. Assistant Proctor: Indian Institute of Information Technology, Allahabad
- 2013 2017 Faculty Coordinator: IEEE Students' Branch, IIIT Allahabad
 - 2014 Observer: AICTE, New Delhi, CMAT Allahabad
 - 2014 **Organizing Committee:** Effervescence, Indian Institute of Information Technology, Allahabad
 - 2013–2014 Faculty Chairman: Technical Club, IIIT Allahabad
 - 2013 Member: M.Tech admission committee (IT), IIIT Allahabad
 - 2011-2012 Warden: Boys Hostel, (H10-11-12)
 - 2006–2012 Counselor: IETE Students' Forum JUET Guna
 - 2010–2012 $\,$ PG Coordinator: for Dept. of ECE
- 2010 –2012 Member: DPMC in Computer Science and Engineering
- 2010 –2012 Member: DPMC in Electronics and Communication Engineering
- 2009 –2012 Member: University Discipline Committee
- 2006 2009 Warden: Boys Hostel, (H4-5-6)

Publications

Journals/Transactions Published/Accepted

- 2022 [60] Nand Kumar Yadav, **Satish Kumar Singh**, and Shiv Ram Dubey "TVA-GAN: Attention Guided GenerativeAdversarial Network For Thermal To Visible FaceTransformations," Neural Computing and Applications, Accepted (Springer) **[IF: 6.94]**
- 2023 [59] Sumit Kumar, **Satish Kumar Singh**, Peter Peer "Occluded thermal face recognition using BoCNN and radial derivative Gaussian feature descriptor," Image and Vision Computing, Volume 132, April 2023, 104646 (Elsevier) **[IF:3.86]**
- 2022 [58] Nand Kumar Yadav, Satish Kumar Singh, and Shiv Ram Dubey "MobileAR-GAN: MobileNet based Efficient Attentive Recurrent Generative Adversarial Network for Infrared to Visual Transformations," IEEE Transactions on Instrumentation and Measurement, Vol. 71, pp. (IEEE) [IF: 5.6]
- 2022 [57] Shiv Ram Dubey, S.H. Shabbeer Basha, Satish Kumar Singh, and B. B. Chaudhuri "Adalnject: Injection Based Adaptive Gradient Descent Optimizers for Convolutional Neural Networks," IEEE Transactions on Artificial Intelligence (IEEE) [IF: 5.7]
- 2022 [56] Shiv Ram Dubey, Satish Kumar Singh, and B. B. Chaudhuri "Activation functions in deep learning: A comprehensive survey and benchmark," Neurocomputing, Accepted (Elsevier) [IF: 5.7]

- 2022 [55] Nand Kumar yadav, **Satish Kumar Singh**,and Shiv ram Dubey "MobileAR-GAN: MobileNet based Efficient Attentive Recurrent Generative Adversarial Network for Infrared to Visual Transformations," IEEE Transactions on Instrumentation and Measurement, Accepted (IEEE) [IF: 4.0]
- 2022 [54] Nayaneesh Mishra, Sumit Kumar, and **Satish Kumar Singh**, "MmLwThV framework: A masked face periocular recognition system using thermo-visible fusion," Applied Intelligence, Accepted (Springer) **[IF: 5.1]**
- 2022 [53] Sumit Kumar, **Satish Kumar Singh**, Nayaneesh Mishra, and Mainak Dutta "An encoderdecoder based thermo-visible image translation for disguised and undisguised faces," Image and Vision Computing, (Springer) **[IF:3.86]**
- 2021 [52] Nayaneesh Mishra, and **Satish Kumar Singh**, "Face Recognition Using 3D CNN and Hardmining Loss Function," SN Computer Science (Springer)
- 2021 [51] Dipti Mishra, **Satish Kumar Singh**, and Rajat Kumar Singh, "Deep CNN based Image Compression with Redundancy Minimization via Attention Guidance," Neurocomputing (Elesvier) [IF: 7.1]
- 2021 [50] Nayaneesh Mishra, Sumit Kumar, and **Satish Kumar Singh**, "MmLwThV framework: A Masked Face Periocular Recognition System using Thermo-visible Fusion," Applied Intelligence (Springer) **[IF:5.08]**
- 2021 [49] Nayaneesh Mishra, and **Satish Kumar Singh**, "Regularized Hardmining Loss for Face Recognition," Image and Vision Comuting (Elesvier) **[IF:3.86]**
- 2021 [48] Nand Kumar Yadav, **Satish Kumar Singh**, and Shiv Ram Dubey "CSA-GAN: Cyclic Synthesized Attention Guided Generative Adversarial Network for Face Synthesis," Applied Intelligence (Springer) **[IF:5.08]**
- 2021 [47] Shiv Ram Dubey, **Satish Kumar Singh**, and Bidyut Baran Chaudhuri "A Comprehensive Survey and Performance Analysis of Activation Functions in Deep Learning," Artificial Intelligence Review (Springer) **[IF:8.12]**
- 2021 [46] Dipti Mishra, Satish Kumar Singh, and Rajat Kumar Singh, "Deep Architectures for Image Compression: A Critical Review," Signal Processing, Volume 191, February 2022, (Elesvier) [IF: 4.66]
- 2021 [45] Nayaneesh Mishra, Mainak Dutta, and **Satish Kumar Singh** "Multiscale Parallel Deep CNN (mpdCNN) Architecture for the Real Low-Resolution Face Recognition for Surveillance," Image and Vision Computing, Volume 115, November 2021, (Elesvier) **[IF: 2.81]**
- 2021 [44] Dipti Mishra, **Satish Kumar Singh**, Rajat Kumar Singh, and Himanshu Kedia "Multi-Scale Network (MsSG-CNN) for Joint Image and Saliency Map Learning-based Compression," Neurocomputing, Accepted (Elesvier) **[IF: 7.1]**
- 2021 [43] Suvidha Tripathi, and Satish Kumar Singh"An End-to-End Breast Tumour Classification Model Using Context-Based Patch Modelling- A BiLSTM Approach for Image Classification," Computerized Medical Imaging and Graphics, Submitted (Elsvier) [IF: 3.75]
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Book /Book-Chapters

 2021 [3] Book Title: Computer Vision and Image Processing.
 Co-authors: P. Nagabhushan, Balasubramanian Raman, and Partha Pratim Roy Publisher: Springer Singapore
 ISBN: 9789811611032, 9811611033

- 2021 [2] Book Title: Biomedical Signal and Image Processing with Artificial Intelligence.
 Chapter Details: An Object Aware Hybrid U-Net for Breast Tumour Annotation, pp.xx-xx.
 Co-authors: Suvidha Tripathi
 Publisher: EAI and Springer
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 Chapter Details: Command Charging Circuit with Energy Recovery for Pulsed power Supply for Copper Vapor Laser, pp.413-417.
 Co-authors: Shishir Kumar and S. V. Nakhe
 Publisher: Springer, Netherlands, EU.
 ISBN: 9781402062650, 9781402062667

PhD Supervision

Awarded/Submitted: 10 Ongoing: 07

- 2023 Image to Image Translation using Generative Adversarial Networks Name: Nand Kumar Yadav (Enrolment: PIS2016004) Institute/University: IIIT Allahabad Employment: Research Associate IIIT Allahabad
- 2022 Multibiometrics Face Recognition
 Name: Sumit Kumar (Enrolment: PHC2014001)
 Institute/University: IIIT Allahabad
 Employment: Assistant Professor Dept. of CSE, Thapar University Punjab, India
- 2022 Face Recognition under Constrained Environment Name: Nayaneesh Kumar Mishra (Enrolment: RSI2016003) Institute/University: IIIT Allahabad Employment: Director, NCode Sutram for Artificial Intelligence
- 2021 Visual Information Aware Image Compression using Deep Learning Methods Name: Dipti Mishra (Enrolment: RSE2017502)
 Institute/University: IIIT Allahabad
 Employment: Mahindra Ecole Centrale (Mahindra University) Hyedrabad
- 2021 Offline Signature Verification Name: Anamika Jain (Enrolment: RSI2016005) Institute/University: IIIT Allahabad Employment: Assistant Professor, CSE, MIT-WPU, Pune
- 2020 Histopathological Image Analysis using Hybrid Deep Learning Models Name: Suvidha Tripathi (Enrolment: RSI2015002)
 Institute/University: IIIT Allahabad
 Employment: Assistant Professor, LNMIIT Jaipur, India
- 2018 Facial Image Description for Recognition and Retrieval Name: Soumendu Chakraborty (Enrolment: RS160) Institute/University: IIIT Allahabad Employment: Assistant Professor, IIIT Lucknow, India
- 2016 Robust Image Feature Description, Matching, and Applications Name: Shiv Ram Dubey (Enrolment: RS136) Institute/University: IIIT Allahabad Employment: Assistant Professor, IIIT Sri City/ Allahabad, India
- 2016 Multimodal Approach for Hand Biometrics Name: Shefali Sharma (Enrolment: 10P3104) Institute/University: JUET Guna Employment: Assistant Professor, JUET Guna, India

2015 Soybean Disease Administration

Name: Sourabh Shrivastava (Enrolment: 11P3204)
 Institute/University: JUET Guna
 Employment: Assistant Professor, IIIT Pune / Sr. Manager, Data Science, Reliance, India

MTech Supervision

Awarded: 34 Ongoing: 8

2021	Scene Graph Generation with Geometric Context Name: Vishal Kumar (Enrolment: MIT2019090) Institute/University: IIIT Allahabad
2021	Selective Kernel Networks and Application in Classification Name: Vyas Rushi Bhavesh (Enrolment: MIT2019103) Institute/University: IIIT Allahabad
2021	Extreme point based Apparel Detection Name: Harish Kumar (Enrolment: MIT2019112) Institute/University: IIIT Allahabad
2021	Deep Learning based Biometrics Occluded Face Recognition Name: Mayank Kabra (Enrolment: MIT2019051) Institute/University: IIIT Allahabad
2020	Attention-based Translation Embedding for Visual Relationship Detection Name: Himanshu Singh (Enrolment: MIT2018031) Institute/University: IIIT Allahabad
2020	Study of Occlusion Detection and Removal Name: Diksha Khas (Enrolment: MIT2018032) Institute/University: IIIT Allahabad
2020	Hand Crafted Feature Extraction For Histopathology Images Name: Rahul Jaiswal (Enrolment: MIT2018023) Institute/University: IIIT Allahabad
2019	Image Deblurring of Motion Blur Using Encoder-Decoder Residual Networks Name: Ankit Kumar (Enrolment: IHC2014004) Institute/University: IIIT Allahabad
2019	Collusion Resistant Multi-Secret Image Sharing Name: Sannihit Kavala (Enrolment: IHC2014004) Institute/University: IIIT Allahabad
2019	Real Low Resolution and Thermal Image Recognitionvia Image-to-Image Translation using Deep Learning Architectures Name: Mainak Dutta (Enrolment: IR02017009) Institute/University: IIIT Allahabad
2019	Deep Learning Name: Polaki Kishore Babu (Enrolment: IR02017007) Institute/University: IIIT Allahabad
2019	Image Processing Name: Alok Kumar (Enrolment: IHC2017010) Institute/University: IIIT Allahabad
2019	Deep Plant-Image Classification and Recognition Name: NirbhayPandey (Enrolment: ISE2017011) Institute/University: IIIT Allahabad
2018	Analysis of Hybrid CNN Discreptor Model for Facial Expression Recognition Name: SapnaNirapure (Enrolment: PIS2015002) Institute/University: IIIT Allahabad

- 2018 Deep CNN for Image Reconstruction using Residual Learning Name: Mukut Brahma (Enrolment: IHC2016010) Institute/University: IIIT Allahabad
- 2018 Fusion of Visible and Thermal Image using DT-DWT and PSO Name: Ritu Raj Priyadarshi (Enrolment: IIS2016008) Institute/University: IIIT Allahabad
- 2017 Face Recognition with Alternating Least Square Method Name: Jitendra (Enrolment: IIS2015003) Institute/University: IIIT Allahabad
- 2017 Fusion in Multimodal Biometric Recognition System Name: Ashish Kumar (Enrolment: IHC2015007) Institute/University: IIIT Allahabad
- 2017 Biomedical Image Segmentation for Mouse Embryo and Drosophila cell count using Monte Carlo Tree Search Name: Vipin Patel (Enrolment: IHC2015005) Institute/University: IIIT Allahabad
- 2017 Facial Biometric System Design and Implementation using Extended LGHP Name: Kush Kumar (Enrolment: IHC2015006) Institute/University: IIIT Allahabad
- 2015 FPGA implementation of Memory-Delay Efficient 2D FIR Filter Name: TanuGinotra (Enrolment: IMI2013016) Institute/University: IIIT Allahabad
- 2015 Fruit Detection and Tagging using Image Processing Techniques Name: Raghvendra Singh (Enrolment: IRO2013012) Institute/University: IIIT Allahabad
- 2015 Automatic Human Action Recognition using Eigen Joints Name: Ajay Kumar (Enrolment: IRO2013010) Institute/University: IIIT Allahabad
- 2015 FPGA implementation of RNS based DSP Architecture Name: RitikaKhurana (Enrolment: IMI2013005) Institute/University: IIIT Allahabad
- 2014 Real Time FPGA implementation of Grey Scale Image Watermarking with Camera Interface Name: RadheShyam Kumar Gupta (Enrolment: IMI2012013) Institute/University: IIIT Allahabad
- 2014 Voice Controlled Interactive Gripper (VCI-G) Name: Chandra Shekhar Ram (Enrolment: IRO2012010) Institute/University: IIIT Allahabad
- 2014 Voice Signal Processing and Application to Intelligent System Name: Abhay Kumar (Enrolment: ICE2012016) Institute/University: IIIT Allahabad
- 2014 Writing Support System for Blinds using Gesture Recognition Name: Gaurav Modanwal (Enrolment: ICE2012014) Institute/University: IIIT Allahabad
- 2014 Advanced Peripheral Bus Design and Verification Name: Prashant Dwivedi (Enrolment: IMI2012011) Institute/University: IIIT Allahabad
- 2014 Liveness Detection of Face Name: Ankit (Enrolment: IRO2012011) Institute/University: IIIT Allahabad

- 2014 Analysis of subsumption Architecture using Linear Time Variant Scheduler Name: Ankit Sharma (Enrolment: IRO2012001) Institute/University: IIIT Allahabad
- 2013 Textured Gray Formation and application to compression Name: P. K. Bharti (Enrolment:) Institute/University: JUET Guna
- 2012 Deployment of Technique for Rightful Ownership using HVS based Adaptive Watermarking Mechanism Name: Saurabh Sharma (Enrolment: 102128) Institute/University: JUET Guna
- 2012 Image Encryption using Visual Secret Sharing Schemes with Improved Performance Name: Vineet Kumar Singh (Enrolment: 102013) Institute/University: JUET Guna

Overseas Experience

Nov 21 – Dec 02, 2016 Singapore, Singapore

Organization: Imaging Informatics Division, Bioinformatics Institute, Agency for Science, Technology and Research (A-STAR), Republic Of Singapore.

Purpose: Purpose of the visit was Scientific Engagement, Exchange, Sharing of Ideas, Discussion of possibilities of Joint Research Collaboration between BII, Singapore and IIIT Allahabad, Exchange of Students, Joint PhD Supervision and many more.

Outcome: (a) MOU between BII Singapore and IIIT Allahabad has been executed by Director and myself on behalf of IIIT Allahabad and Frank Eisenhaber (Executive Director) and Lee Hwee Kuan on behalf of BII Singapore for promoting the joint research and development activities for the purpose of developing new and novel methods in reflectance spectroscopy and digital pathology. (b) Lee Hwee Kuan has been agreed thereafter engaged as the overseas joint PhD supervisor with me for one of my PhD students Ms. Suvidha Tripathi who is currently registered in IIIT Allahabad.

Feb 2016 Bangkok, Thailand

Organization: IEEE Thailand Section

Purpose: To represent the IEEE Uttar Pradesh Section including the Uttar Pradesh, Uttrakhand and Nepal as primary nominated delegate in the IEEE Region-10 (Asia Pacific) Meeting.

Outcome: Participated in the meeting and raised and debated on various important issues related to the India. Established the presence of IIIT Allahabad at Asia pacific level.

June 10–15, 2013 Alghero, Italy

Organization: University of Sassari, Italy

Purpose: For attending the 10th Summer School for Advanced Studies on Biometrics for Secure Authentication and getting the insight of the latest state of the art techniques and methods in the area of biometrics. To establish the networking among the experts and peers working in this active area of research.

Outcome: Started research in the area of biometrics and Produced 3 PhD, whereas 6 in the pipeline. Few M.Tech students also started doing research in this area. Established the presence of IIIT Allahabad by Publishing the articles in various SCI Journals like IEEE TIFS, ESWA, MTAP etc. The development of the Computer Vision and Biometrics lab is underway.

Short Term Programs/Workshops

July 03-08, 2017 Summer School on Computer Vision

Recent Advances in Computer Vision, IIIT Hyderabd.

July 10-15, 2017, Summer School on Machine Learning

Deep Learning, IIIT Hyderabad.

- Dec 12, 2014 IEEE Global Early Career Faculty Virtual Mini Conference on Effective Teaching IEEE Educational Activity Board, New York.
- June 10-15, 2013 **10th Summer School on Biometrics** IEEE, IAPR and Organized by University of Sassari, Italy.
- June 06-10, 2011 IUCEE-Workshop on Image Processing and Digital Communication (IPDC) JUET Guna, Madhya Pradesh.
- May 13-14, 2005 National workshop on challenges in VLSI (NWCV) DAIICT-Gandhinagar, Gujarat.

Reviewing Services

IEEE Transactions on Image Processing IEEE Transactions on System, Man, & Cybernetics **IEEE Transactions on Multimedia** IEEE Transactions on Circuits, & Systems for Video Technology **IEEE Sensors Journal IEEE Transactions on Broadcasting IEEE Access** ACM Multimedia Computing, Communications, & Applications **IET** Image Processing **IET Communications Elsevier Pattern Recognition Letters Elsevier Expert System With Applications** Elsevier Computer, & Electrical Engineering Oxford The Computer Journal Springer Circuits, Systems & Signal **Springer Nature** Electronic Letters on Computer Vision, & Image Analysis **Taylor and Francis Information Security Journal**

Technical Program Committee Services

- 2019 International Conference on Computer Vision & Image Processing
- 2019 IEEE Conference on Information and Communication Technology
- 2018 IEEE UP Section Conference on Electrical, Computer and Electronics (UPCON)
- 2018 Conference on Information and Communication Technology
- 2017 Conference on Information and Communication Technology
- 2017 IEEE UP Section Conference on Electrical, Computer and Electronics (UPCON)
- 2017 Latest Advances in Machine learning and Data Science (LAMDA)
- 2017 9th IEEE International Conference on Computational Intelligence and Communication Networks (CICN)
- 2017 3rd International Conference on Next Generation Computing Technologies (NGCT)
- 2017 IEEE International Conference on Computing, Communication and Automation (ICCCA)
- 2016 IEEE UP Section Conference on Electrical, Computer and Electronics (UPCON)
- 2015 IEEE UP Section Conference on Electrical, Computer and Electronics (UPCON)
- 2014 IEEE International Conference on Medical Imaging, m-Health & Emerging Communication Systems (MEDCOM)
- 2011 IEEE Symposium on Computers and Informatics (ISCI)

- 2011 IEEE Symposium on Industrial Electronics and Applications (ISIEA)
- 2009 IET-MIC-CSC
- 2008 IET-MIC-CNIT

Intern Supervision

- 2019 **3D Architecture For Face Recognition In Videos Name(s):** Amartya Salpekar
- 2019 Learning Face Age Progression: A Pyramid Architecture Of Gans Name(s): Shivani Kushwaha
- 2019 Online Signature Verification On Mobile Devices Name(s): Gehan Chopade
- 2019 Active Learning With Noise Modeling For Medical Image Annotation, 2018 Name(s): Kuntal Sarkar
- 2019 Generating Visible Spectrum Images From Thermal Infrared Name(s): Gautam Kumar
- 2019 Face Recognition Using 3D CNN In YTF Database Name(s): Mayank Gupta
- 2019 Fully Convolutional Networks For Semantic Segmentation Name(s): Mohd Faizan
- 2019 Densely Connected Convolutional Networks Name(s): Krishan Gopal Saraswat
- 2019 Generalizing Fingerprint Spoof Detector: Learning A One-Class Classifier Name(s): Sahil Bhola
- 2019 Object Instance Segmentation Using Mask RCNN Name(s): Swagata Kundu
- 2019 Detection Of Cancer Using Deep CNN Name(s): Shetty Sonali Shruthi Kamath
- 2019 Arecanut Classifier Using Deep Learning Name(s): Karthik M R, Sujay
- 2019 Multi-Secret Image Sharing Schemes Based On Boolean Operation Name(s): Darshan P B
- 2019 Breast Biopsy Segmentation Using U-Net Name(s): Rakshith Umesh Rai, Rakesh M Kotian
- 2019 Classification And Identification of Blood Cell Using CNN And RNN Name(s): Sangeetha N A-Shaima Abdul Kader
- 2019 An Image Compression And Encryption Scheme Based On Deep Learning Name(s): Afrah Saleem, Vaibhavi Sahukar
- 2019 Image Compression Using GAN Name(s): Sushanth S, Dheeraj Shetty
- 2019 Signature Forgery Detection Using Deep Learning Name(s): Sainath Acharya, Akshay Hegde
- 2019 Efficient And Secure Multi Secret Sharing Schemes Based On Boolean XOR And Arithmetic Modulo Name(s): Rakesh M R
- 2018 Automatic Job Providing Portal Using Machine Learning Name(s): Shubham Jaiswal
- 2018 Crowd Based Multiple Face Detection Recognition And Database Maintenance of The Same Name(s): Jitumani Bhagabati, Saurabh Kumar

- 2018 Breast Cancer Detection In Whole Slide Image Name(s): Surabhi Singh
- 2018 Object Detection Using CNN Framework Name(s): Renu Mishra
- 2018 Face Detection And Facial Feature Extraction In Unconstrained Environment With Variations In Alignment And Pose Estimation Name(s): Fahad Siddiqui
- 2018 Face Recognition System Using Transfer Learning Name(s): Amit Kumar Singh
- 2018 Application Of Deep Learning In Whole Slide Imaging Name(s): Aniirudh Ramesh
- 2018 Face Recognition From Video Using Deep Learning Name(s): Rajat Sharma

List of Referees

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