

Profile Page



Name : Dr Arun K Khosla

Designation : Professor

Department : Electronics and Comm. Engg.

Qualification : PhD School of Information Technology (Guru Gobind Singh Indraprastha University Delhi)
M.Tech. Electronics and Communication Engineering (Kurukshetra University)
B.Tech. Electronics and Communication Engineering (Thapar Institute of Engineering and Technology Patiala)

Address : Department of Electronics & Communication Engineering
Dr B R Ambedkar National Institute of Technology
Jalandhar, Punjab - 144011

Email : khoslaak@nitj.ac.in

Phone : Ext. 2604

Research Interests :

- i) Soft Computing, Artificial Intelligence and Machine Learning
- ii) Assisted Technologies

Journal Publications :

Year	Journal	Publication
2022	IETE Journal of Research, Accepted for Publication (2022)	Satbir Singh, Arun Khosla and Rajiv Kapoor, "Visible-Thermal Fusion based Object Tracking via a Granular Computing backed Particle Filtering"
2022	Multimedia Tools and Applications, Accepted for Publication (2022)	Baba, Asifa, Md Imtiyaz Anwar, A. H. Moon, and Arun Khosla, "Video Fog Removal Using Anisotropic Total Variation De-noising"
2022	Journal of Information Technology Research (JITR), In press (2022)	Chand, K., Khosla, A., "MATLAB based Realtime Data Acquisition Tool for Multimodal Biofeedback and Arduino based Instruments: Arduino Firmata Data Acquisition (AfDaq)"
2022	International Journal of Gaming and Computer Mediated Simulations (IJGCMS), In press (2022)	Chand, K., Khosla, A., "Efficacy of Using Retro Games in Multimodal Biofeedback System for Mental Relaxation: Retro Games for Mental Relaxation"
2021	ICT Analysis and Applications (2021): 93-104.	Baba, Asifa, Md Imtiyaz Anwar, A. H. Moon, and Arun Khosla. "Comparative Re-evaluation of Different Single Image Defogging Techniques: A Review."

2021	International Journal of Cognitive Informatics and Natural Intelligence (IJCINI) 15.3 (2021): 12-30.	Singh, Gajendra, Rajiv Kapoor, and Arun Khosla. "Optical Flow-Based Weighted Magnitude and Direction Histograms for the Detection of Abnormal Visual Events Using Combined Classifier."
2019	Cloud Computing for Geospatial Big Data Analytics, pp. 155-175. Springer, Cham, 2019.	Ahuja, Kiran, and Arun Khosla. "Data Analytics of IoT enabled smart energy meter in smart cities."
2019	Journal of Network and Computer Applications 127 (2019): 82-91.	Ahuja, Kiran, and Arun Khosla. "Network selection criterion for ubiquitous communication provisioning in smart cities for smart energy system."
2019	International Journal of Energy Sector Management (2019).	Ahuja, Kiran, and Arun Khosla. "Data analytics criteria of IoT enabled smart energy meters (SEMs) in smart cities."
2019	Future Generation Computer Systems 101 (2019): 785-803.	Ahuja, Kiran, and Arun Khosla. "A novel framework for data acquisition and ubiquitous communication provisioning in smart cities."
2019	Advance and Innovative Research (2019): 325.	Singh, Parulpreet, Anvi Priya, Arun Khosla, and Anil Kumar. "Localization In Wireless Sensor Network Using Pso With Flip Ambiguity Mitigation."
2019	Journal of computer technology and applications 10.3 (2019): 19-28.	Singh, Gajendra, Arun Khosla, and Rajiv Kapoor. "Salient region guided deep network for violence detection in surveillance systems."
2019	International Journal of Image, Graphics and Signal Processing 11.10 (2019): 40.	Singh, Gajendra, Arun Khosla, and Rajiv Kapoor. "Crowd escape event detection via pooling features of optical flow for intelligent video surveillance systems."
2019	International Journal of Image, Graphics and Signal Processing 9, no. 7 (2019): 39.	Singh, Satbir, Arun Khosla, and Rajiv Kapoor. "Object Tracking with a Novel Visual-Thermal Sensor Fusion Method in Template Matching."
2019	International Journal of Image, Graphics and Signal Processing 11, no. 8 (2019): 40.	Singh, Satbir, Arun Khosla, and Rajiv Kapoor. "Visual Object Tracking by Fusion of Audio Imaging in Template Matching Framework."
2018	International Journal of Learning and Change 10, no. 3 (2018): 259-277	Sharma, Anurag, Arun Khosla, Mamta Khosla, and M. Yogeswara Rao. "Efficacy of an Android-based game intervention in the enhancement of face recognition skills for children with autism."
2018	Australasian physical & engineering sciences in medicine 41, no. 3 (2018): 757-772	Sharma, Anurag, Arun Khosla, Mamta Khosla, and Yogeswara Rao. "Fast and Accurate Diagnosis of Autism (FADA): a novel hierarchical fuzzy system based autism detection tool."
2018	AEU-International Journal of Electronics and Communications 91 (2018): 55-65	Singh, Parulpreet, Arun Khosla, Anil Kumar, and Mamta Khosla. "Optimized localization of target nodes using single mobile anchor node in wireless sensor network."
2017	International Journal of Grid and Distributed Computing 10, no. 10 (2017): 33-44.	Singh, Parulpreet, Arun Khosla, Anil Kumar, and Mamta Khosla. "A novel approach for localization of moving target nodes in wireless sensor networks."
2017	International Journal of Current Engineering and Scientific Research (IJCESR) 4 (2017): 74-80.	Singh, Parulpreet, Arun Khosla, Anil Kumar, and Mamta Khosla. "Wireless sensor networks localization and its location optimization using bio inspired localization algorithms: a survey."
2017	International Journal of Electronics and communication, accepted	Parulpreet Singh, Arun Khosla, Anil Kumar and Mamta Khosla, "3D localization of moving target nodes using single anchor node in anisotropic wireless sensor networks"
2017	International Journal of Engineering Science and Technology, vol.20(3) pp.1075-1083	Anwar, Md Imtiyaz, and Arun Khosla, "Vision enhancement through single image fog removal"

2017	Advances in Autism, vol.3 pp.76-86	Anurag Sharma, Arun Khosla, Mamta Khosla, Yogeshwara Rao M, "Skin conductance response patterns of face processing in children with autism spectrum disorder"
2015	Applied Soft Computing, vol. 34 pp. 438-448	Kumar, Anil, Arun Khosla, Jasbir Singh Saini, and Satvir Singh Sidhu, "Range-free 3D node localization in anisotropic wireless sensor networks"
2014	Computers and Electrical Engineering, (Elsevier), vol.40 pp.1774-1787	I.Saini, D. Singh, A. Khosla, "Electrocardiogram Beat classification using Empirical mode Decomposition and Multiclass Directed Acyclic Graph Support Vector Machine"
2014	Journal of Medical Engineering and Technology, vol.38(3) pp.115-124	I. Saini, D. Singh, A. Khosla, "K-Nearest Neighbor-based algorithm for P and T-waves detection and delineation"
2014	Journal of medical engineering & technology, vol.38(3) pp.125-134	R. Singla, A. Khosla and R. Jha, "Influence of stimuli colour in SSVEP-based BCI wheelchair control using support vector machines"
2014	International Journal of Biomedical Engineering and Technology, vol.15(1) pp.82-93	Singla, Rajesh Kumar, Arun Khosla, and R. Jha, "Influence of stimuli colour on feature classification for BCI applications"
2013	Journal of Electrocardiology, vol.46 pp.e1-e37	Indu Saini,V.Kumar and Arun Khosla, "Feature extraction of ECG signal using a support vector machine"
2013	Journal of Communications and Networks (KICS), vol.15(2) pp.222-227	P. Kaur, A. Khosla, and M . Uddin, "Spectrum Management models for Cognitive Radios"
2013	Elsevier -Journal of Advanced Research, vol.4(4) pp.331-344	I. Saini, D. Singh, A. Khosla, "QRS Detection using K-Nearest neighbor algorithm (KNN) and evaluation on standard ECG databases"
2013	International Journal of Medical Engineering and Informatics, (Inderscience), vol.5(1) pp.85-101	I. Saini, D. Singh, A. Khosla, "Detection of QRS-complex using K-Nearest Neighbor algorithm"
2013	IETE Journal of Research, vol. 59(5) pp.615-623	I. Saini, D. Singh, A. Khosla, "P- and T-wave Delineation of ECG signal using Support Vector Machine"
2012	International Journal of Signal Processing, Image Processing and Pattern Recognition, vol.5 pp.13-20	I. Saini, D. Singh, A. Khosla, "Classification of RR-Interval and Blood Pressure for Different Postures using KNN Algorithm"
2012	International Journal of Medical Engineering and Informatics, Inderscience, vol. 4(3) pp.299-324	I. Saini, D. Singh, A. Khosla, "Support vector Machine based QRS-DetectionEvaluation on standard databases"
2012	International Journal of Biomedical Engineering and Technology, vol.10(2) pp.134-144	Singla, Rajesh, Rohit Sharma, Arun Khosla, and R. Jha, "Moving an object using EEG: an art of BCI"
2011	International Journal of Engineering and Technology, vol.3(1) pp.96-101	Kaur, Prabhjot, Arun Khosla, and Moin Uddin, "Markovian Queuing Model for Dynamic Spectrum Allocation in Centralized Architecture for Cognitive Radios"
2010	International Journal of Advancements in Computing Technology, vol.2(2) pp.35-41	Kaur, Prabhjot, Moin Uddin, and Arun Khosla, "Adaptive Bandwidth Allocation Scheme for Cognitive Radios"
2006	Journal of Zhejiang University-SCIENC E A, vol.7 pp. 1989-1994	Arun Khosla, Shakti Kumar, K.K. Aggarwal, "Identification of strategy parameters for particle swarm optimizer through Taguchi method"
	Cloud Computing for Geospatial Big Data Analytics, pp. 155-175. Springer, Cham, 2019.	Ahuja, Kiran, and Arun Khosla. "Data Analytics of IoT enabled smart energy meter in smart cities."

Conference Publications :

Year	Conference	Publication
2021	International conference on Contemporary Issues in Engineering and Technology (CIET-2021)	Yadav, Usha, Arun Khosla, Mamta Khosla, and Anurag Sharma. "A Fuzzy Analytic Hierarchy Process Based Tool For Screening Of Autism Spectrum Disorder"
2021	WREC21 Conference, NIT Jalandhar, April 22-24, 2021.	Nadeem Ahmed Khan, Arun Khosla, Girish S Pujar, Parampreet Singh, "Geospatially enabled Serious Gaming for decision support in agroforestry system: A Conceptual Study."
2021	WREC21 Conference, NIT Jalandhar, April 22-24, 2021.	Parampreet Singh, Arun Khosla, Girish S Pujar, Nadeem Ahmed Khan, "Role of serious games in enriching water conservation manoeuvres"
2019	International Conference on Intelligent Computing and Control Systems – 2019	Hiten Rajpurohit, Arun Khosla, Kuntal Panja. "Microsoft Kinect based Interventions of Social Skills Enhancement in Children with Autism".
2019	International Conference on Trends in Electronics and Informatics -2019	Kuntal Panja, Arun Khosla, Hiten Rajpurohit. "Microsoft Kinect Based Technological Intervention for Skills Enhancement for Children with Autism".
2018	First International Conference on Secure Cyber Computing and Communication (ICSCCC), pp. 354-359. IEEE, 2018.	Ahuja, Kiran, and Arun Khosla. "Design of Printed Circuit Board for Retrofit Kit of Smart Energy Meters."
2018	Second International Conference on Intelligent Computing and Control Systems (ICICCS), pp. 1670-1674. IEEE, 2018.	Mir, Haroon Yousuf, and Arun K. Khosla. "Kinect based game for improvement of sensory, motor and learning skills in autistic children."
2018	First International Conference on Secure Cyber Computing and Communication (ICSCCC). IEEE, 2018.	Bhatia, Pavneet Kaur, Arun Khosla, and Gajendra Singh. "Automated analysis of Gaze Patterns for Autism Screening-Density Approach."
2018	First International Conference on Secure Cyber Computing and Communication (ICSCCC), pp. 198-202. IEEE, 2018.	Anwar, Md Imtiyaz, and Arun Khosla. "Fog Classification and Accuracy Measurement Using SVM."
2017	Emerging Trends in Advanced Computing Techniques, Accepted	Parulpreet Singh, Arun Khosla, Anil Kumar and Mamta Khosla, "Wireless Sensor Networks Localization and Its Location Optimization Using Bio Inspired Localization Algorithms: A Survey"
2017	2017 4th International Conference on Signal Processing and Integrated Networks (SPIN), pp 280-285	Anwar, Md Imtiyaz, Arun Khosla, and Gajendra Singh, "Visibility enhancement with single image fog removal scheme using a post-processing technique"
2017	First International Conference on Computing and Communication Technologies for Smart Nation (IC3TSN 2017)	Parulpreet Singh, Arun Khosla, Anil Kumar and Mamta Khosla, "Optimized Localization by Mobile Anchors in Wireless Sensor Network by Particle Swarm Optimization"
2017	International Conference on Innovations in Green Energy and Healthcare Technologies (IGEHT), pp. 1-6. IEEE, 2017.	Mangal, Naveen Kumar, Saswati Pal, and Arun Khosla. "Frozen shoulder rehabilitation using microsoft kinect."
2017	International conference on innovations in green energy and healthcare technologies (IGEHT), pp. 1-4. IEEE, 2017.	Pal, Saswati, Naveen Kumar Mangal, and Arun Khosla. "Development of assistive application for patients with communication disability."
2016	2016 Conference on Advances in Signal Processing (CASP), Pune, pp 114-117	V. P. Yadav, G. Singh, M. I. Anwar and A. Khosla,, "Periodic noise removal using local thresholding"

2016	2016 3rd International Conference on Signal Processing and Integrated Networks (SPIN), pp. 265-269	Singh, Gajendra, Arun Khosla, and Md Imtiyaz Anwar, "Spatial domain color image enhancement based on local processing"
2015	Signal Processing and Communication (ICSC), 2015 International Conference, pp. 233-237	Anwar, Md Imtiyaz, and Arun Khosla, "Classification of foggy images for vision enhancement"
2015	2015 1st International Conference on Next Generation Computing Technologies (NGCT), pp.479-483	Patel, Kunal, and Arun Khosla, "Home energy management systems in future Smart Grid networks: A systematic review"
2015	2015 1st International Conference on Next Generation Computing Technologies (NGCT), Dehradun, pp. 925-928	J. R. Khonglah and A. Khosla, " A low cost webcam based eye tracker for communicating through the eyes of young children with ASD'
2014	41st International Congress on Electrophysiology, Bratislava, Slovakia,, pp.249-252	I. Saini, DÃ¡ibag Singh and A. Khosla, "Automated ECG delineation using machine learning algorithms"
2013	10th International Conference on Information Technology-New Generations (ITNG 2013), Las Vegas, Nevada, USA, pp.712-717	Indu Saini, Dilbag Singh, Arun Khosla, "Delineation of ECG wave components using K-Nearest Neighbor (KNN) algorithm"
2013	seventh international conference on bio-inspired computing: theories and applications (BIC-TA 2012), pp. 1-14	Kumar, Anil, Arun Khosla, Jasbir Singh Saini, Satvir Singh, J. C. Bansal, P. K. Singh, K. Deep, M. Pant, and A. Nagar, "Stochastic algorithms for 3D node localization in anisotropic wireless sensor networks"
2013	Mobile and Embedded Technology International Conference (MECON), pp.24-31	Deepti Kakkar, Arun Khosla, Moin Uddin, "Performance Evaluation of Spectrum sensing in cognitive radios for different channel conditions"
2012	2nd International Conference on Biomedical Engineering & Assistive Technologies (BEATS-2012)	Indu Saini, Dilbag Singh and Arun Khosla, "Characteristic wave detection in ECG signal using support vector machine"
2012	IEEE National Conferences on Communications, pp.1-5	P Kaur, M Uddin and A Khosla, "Throughput analysis for opportunistic spectrum access among unlicensed devices"
2012	2012 International Conference on Localization and GNSS, Starnberg, pp.1-7	A. Kumar, A. Khosla, J. S. Saini and S. Singh, "Meta-heuristic range based node localization algorithm for Wireless Sensor Networks"
2012	Intelligent Systems (IS), 2012 6th IEEE International Conference, pp.431-438	Kumar, Anil, Arun Khosla, Jasbir Singh Saini, and Satvir Singh, "Computational intelligence based algorithm for node localization in wireless sensor networks"
2012	2012 NATIONAL CONFERENCE ON COMPUTING AND COMMUNICATION SYSTEMS, Durgapur, pp. 1-5	K. K. Budhraj, A. Singh, G. Dubey and A. Khosla, "Probability based playlist generation based on music similarity and user customization"
2012	2012 NATIONAL CONFERENCE ON COMPUTING AND COMMUNICATION SYSTEMS, Durgapur	G. Dubey, K. K. Budhraj, A. Singh and A. Khosla,, "User customized playlist generation based on music similarity"
2011	International Conference of Wireless Networks, London (U K), pp. 1-6	Deepti Kakkar, Arun Khosla, Moin Uddin, "Power Allocation with Random Removal Scheme in Cognitive Radio System,"
2011	2011 Annual IEEE India Conference ((INDICON), Hyderabad	N. Bharati, A. Khosla and N. Sood, "Image reconstruction using cubic B-Spline interpolation"

Book/Chapter Publications :

Type	Title	Publisher	Authors	ISBN/ISS N No.	Year
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Book Chapter	Nutrify: Promoting Nutrition Literacy Using Gamification	IGI Global USA	Balakrishna, C., Thota Ganesh, and Arun Khosla		2021
Book Chapter	Support of Gamification, Virtual, and Assistive Technologies in Intervening in Social and Behavioral Impairment	IGI Global USA	Rajpurohit Hiten, and Arun Khosla		2020
Book Chapter	A Review on Eye Tracking Technology	IGI Global USA	Bhatia, P., Khosla, A., & Singh, G.		2020
Book Chapter	A Framework to Develop a Zero-Carbon Emission Sustainable Cognitive City.	IGI Global USA	Ahuja, Kiran, and Arun Khosla		2019
Book	Driving the Development, Management, and Sustainability of Cognitive Cities	IGI Global USA	Ahuja, Kiran, and Arun Khosla		2019
Book Chapter	Intelligent Anomaly Detection Video Surveillance Systems for Smart Cities	IGI Global USA	Singh, G., Kapoor, R., and Khosla, A. K		2019
Book Chapter	LearnEasy-Android Application as a Technological Intervention for Children With Dyslexia	IGI Global USA	Padmakar, Ganta Sandeep V., Arun Khosla, and Kulbhushan Chand		2019
Book Chapter	Enhancing Tourism and Cultural Experience Through Gamification	IGI Global USA	Setia, Deepanshu, Rupinder Singh, Amol Sharma, Arun Khosla, Kiran Ahuja, and Kulbhushan Chand		2019
Book Chapter	Pursuit of Research: A Gamified Approach Promoting Research Engagement Among Undergraduate Students.	IGI Global USA	Mukherjee, Ayushman, Prachi Goyal, Amandeep Singh, Arun K. Khosla, Kiran Ahuja, and Kulbhushan Chand		2019
Book Chapter	The Pursuit of Zero Food Waste: A Gamified Approach Promoting Avoidance of Dormitory Mess Food Wastage in Educational Institutions.	IGI Global USA	Jain, Bhavika, Arun Khosla, Kulbhushan Chand, and Kiran Ahuja		2019
Book Chapter	Cross-Domain Usage in Real-Time Video-Based Tracking.	IGI Global USA	Singh, Satbir, Rajiv Kapoor, and Arun Khosla.		2018
Book Chapter	Vision Enhancement in Bad Weather	IGI Global USA	Anwar, Md Imtiyaz, and Arun Khosla.		2018
Book Chapter	Handover in Mobile WiMAX: A Mobility Improvement	IGI Global USA	Imtiyaz Anwar and Arun Khosla		2017

Book Chapter	Technological Tools and Interventions to Enhance Learning in Children with Autism	IGI Global USA	Anurag Sharma, Arun Khosla, Mamta Khosla and Yogeshwara Rao M		2017
Book Chapter	Cross-Domain Usage in Real Time Video-Based Tracking	IGI Global USA	Satbir Singh, Rajiv Kapoor and Arun Khosla		2017
Book Chapter	Vision Enhancement in Bad Weather	IGI Global USA	Md. Imtiyaz Anwar and Arun Khosla		2016
Book Chaptyer	Fuzzy Systems for Spectrum Access, Mobility and Management for Cognitive Radios	IGI Global USA	Prabhjot Kaur, Moin Uddin and Arun Khosla		2013
Book Chapter	Energy Detection Based Spectrum Sensing Analysis of Cooperative Cognitive Radios under Different Fading Environments	IGI Global USA	Deepti Kakkar, Mayank Gupta, Arun Khosla and Moin Uddin		2013
Book Chapter	Realizing Type-2 Fuzzy Systems with Type-1 Fuzzy Systems	IGI Global USA	Mamta Khosla, R K Sarin, Moin Uddin, Satvir Singh and Arun Khosla		2012
Book Chapter	A PSO-Based Framework for Designing Fuzzy Systems from Noisy Data Set	IGI Global USA	Satvir Singh, J S Saini and Arun Khosla		2012
Book Chapter	Nature-Inspired Toolbox to Design and Optimize Systems	IGI Global USA	Satvir Singh, Arun Khosla and J S Saini		2012
Book Chapter	Swarm Intelligence and the Taguchi Method for Identification of Fuzzy Models	IGI Global USA	Arun Khosla, Shakti Kumar and K. K. Aggarwal		2006
Book Chapter	Particle Swarm for Fuzzy Models Identification	Springer	Arun Khosla, Shakti Kumar, K. K. Aggarwal and Jagatpreet Singh		2006
Book Chapter	A Matlab Implementation of Swarm Intelligence based Methodology for Identification of Optimized Fuzzy Models	Springer	Arun Khosla, Shakti Kumar, K. K. Aggarwal and Jagatpreet Singh		2006
Book Chapter	Design of Fuzzy Models through Particle Swarm Optimization	IOS Press	Arun Khosla, Shakti Kumar, K. K. Aggarwal and Jagatpreet Singh		2006

Research Projects :

Role	Project Type	Title	Funding Agency	From	To	Amount	Status	Co-Investigator
Coordinator		DST-FIST	Department of Science and Technology	2013	2018	1.55 crores	Ongoing	Dr Mamta Khosla and Dr Balwinder Raj
Coordinator		Technology Business Incubator	Department of Science and Technology	2017	2022	2.84 crores	Ongoing	-
Principal Investigator		Modernization of Digital Signal Processing Lab	AICTE	1995	1997	5.00 lakhs	Completed	-
PI		Upgradation of Digital Electronics Laboratory through Incorporation of Electronic Design Automation (EDA) Tools	MHRD	2000	2003	10.00 lakhs	Completed	-
PI	Thrust Area	Upgradation Computational Facilities and Creation of Networking Facilities in Electronics and Communication Engineering Department	MHRD	1999	2003	5.00 lakhs	Completed	-
	Thrust Area	Upgradation of Central Library through Adoption of Smart Card and Barcode Technologies	MHRD	2003	2005	10.00 lakhs	Completed	Dr Sarbrinder Kaur

Principal Investigator	R & D	Soft computing based techniques for Modeling of Engineering and Medical Imaging Systems	MHRD	2004	2007	8.00 lakhs	Completed	Dr B S Saini
PI	Thrust Area	Upgradation of Digital Electronics Laboratory through Incorporation of Electronic Design Automation (EDA) Tools	MHRD	2000	2003	10.00 lakhs	Completed	-
		Strengthening Ridge to Valley based NRM planning under Mission Water Conservation using Geospatially enabled Serious Gaming	ISRO	2020	2022	4.5 lakhs	Ongoing	
		Development and Evaluation of Virtual Reality Interventions for Improving Cognitive and Vocational Skills in individuals with Autism Spectrum Disorder	Higher Education Funding Agency (HEFA) under their CSR Initiative	Nov-21	Nov-21	10 lakhs	Ongoing	
		ISRO Space Technology Incubation Centre	ISRO	2019	2024	200 lakhs	Ongoing	

Events Organized :

Category	Type	Title	Venue	From	To	Designation
STC	National	Electronics and Communication System Design Aspects	Dr B R Ambedkar NIT Jalandhar	25-May-2015	29-May-2015	Coordinator
TEQIP-II sponsored STC	National	Recent Trends in VLSI and Communication Systems	Dr B R Ambedkar NIT Jalandhar	17-Jun-2013	21-Jun-2013	Coordinator
	National	6th International Multiconference on Intelligent Systems, Sustainable New and Renewable Energy Technology and Nanotechnology	Institute of Science and Technology Klawad	16-Mar-2012	18-Mar-2012	
Conference	National	5th International Multiconference on Intelligent Systems, Sustainable New and Renewable Energy Technology and Nanotechnology	Institute of Science and Technology Klawad	18-Feb-2011	20-Feb-2011	
	National	3rd International Conference on Intelligent Systems and Networks (IISN 2009)	Institute of Science and Technology Klawad	14-Feb-2009	14-Feb-2009	
	National	International Conference on Intelligent Systems and Networks (IISN 2007)	Institute of Science and Technology Klawad	23-Feb-2007	25-Feb-2007	

Admin. Responsibilities :

Position Held	Organization	From	To
Head of the Department, ECE	Dr B R Ambedkar NIT Jalandhar		
Dean, Students Welfare	Dr B R Ambedkar NIT Jalandhar		
Dean, Research and Consultancy	Dr B R Ambedkar NIT Jalandhar		