

SCAWC2017 – Accepted list

Long Paper

Paper ID	Paper Title	Authors Name	Email ID
1	Tuned Fuzzy Approach For Designing Of Pid Controller	Rohit Moudgil And Sandeep Singh Gill	rohitmoudgill83@gmail.com, ssg@gndec.ac.in
2	Particle Swarm Optimization Based Radio Over Fiber System With Optimized CNR And Bandwidth	Sarpreet Kaur, Narwant Singh Grewal And Sapanjot Kaur Sandhu	sarpreetsaini93@yahoo.com
3	Design And Analysis Of The Fractal Antenna Over Mushroom Type AMC In The Vicinity Of 2-5 Ghz	Sandeep Singh And Chahat Jain	ssmomi48@gmail.com, chahatjain26@gmail.com
10	Bat Algorithm Based Optimization Of A Multiuser Cognitive Radio System Over Nakagami- M Fading Channels	Kiranjot Kaur, Munish Rattan And Manjeet Singh Patterh	kiranjotdeo@yahoo.co.in, dr.munishrattan@gmail.co, mspattar@yahoo.com
11	Design And Performance Analysis Of 20nm 5-Fin SOI Finfet For Different Channel Materials	Gurpurneet Kaur, Sandeep Singh Gill And Dr. Munish Rattan	gurpurneetkaur@gndec.ac.in, ssg@gndec.ac.in, rattanmunish@gndec.ac.in
12	“A High Speed Image Fusion Method Using Hardware And Software Co-Simulation”	Rudrapratap Singh Chauhan, Rajiva Dwivedi And Prof.Dr. Rishi Ashthana	chauhanrudra72@gmail.com, ashthanarishi1973@gmail.com
14	Design And Analysis Of Koch Fractal Antenna For Wireless Applications	Ravneet Kaur And Manpreet Kaur	nancysingh2409@gmail.com, sketty@rediffmail.com
15	Design & Analysis Of Compact Printed Monopole Antenna With Defected Ground Plane For Wideband Applications	Birinder Kaur And Manpreet Kaur	dollgreen.grewal@gmail.com, sketty@rediffmail.com
16	Design And Analysis Of Modified Edge Tapered Slotted Microstrip Patch Antenna With Defected Ground Plane For Multiband Applications	Sandeep Kaur And Manpreet Kaur	dhillonsandeep143@gmail.com, sketty@rediffmail.com
18	Safety Analysis Of Spherical Shell Structures Subjected To External Pressure	D.S.Pathania, Pankaj Thakur And Gaurav Verma	gk_gaurav35@yahoo.com, despathania@yahoo.com

31	Some Coding Theorems And Results On Generalized 'Useful' Relative Information Measures Of The Order (A,B)	Satish Kumar, Arvind Kumar And Devinder Singh	arvi.math@gmail.com
36	Performance Analysis Of Triangular Gate-All Around Nanowire Fets With Si And Gaas As Channel Materials For Different Temperature Values	Ripjeet Singh	ripjeet88@gmail.com
37	An Adaptive Parameter Analysis Approach For Effective Wsn Localization	Jayant Chawla, Balwinder Singh Dhaliwal And Simranjit Kaur	jayantchawla09@gmail.com
38	Region Growing And Region Merging Segmentation For Medical Ultrasound Images	Manpreet Kaur, Jappreet Kaur, Harjot Kaur Gill And Lovepreet Kau	manpreetkaurgrewal@gndec.ac.in, jappreet_kaur@yahoo.co.in, gillhrjot@gmail.com, lovepreet94446@gmail.com
39	Rssi Based 3d Localization In Wireless Sensor Networks	Shashi Bhushan Kotwal And Chahat Jain	sbkotwal@gmail.com, chahatjain26@gmail.com
41	Use Of Evolutionary Algorithm Approaches In Analog Integrated Circuit Design	Jasmeet Kaur	jasmeetkr.90@gmail.com
42	History, Classification And Fabrication Of Photonic Crystal Fiber	Gurnoor Kaur, Sanchit Mahajan, Harpun Singh Gill And Mandeep	gurnoorgina13@gmail.com, sanchitmahajan4@gmail.com, harpuneetsinghgill@gmail.com, msmatharu03@gmail.com
43	Analysis Of MIMO Antenna Using Artificial Neural Network	Kamaldeep Kaur And Balwinder Singh Dhaliwa	kamaldeep.bcet@gmail.com, bsdhaliwal@ymail.com
506	New Energy Saving Routing Protocol With Modified Power Consumption Optimization In Manet	Harpreet Kaur And Harminder Kaur	harpreetgrewal_88@yahoo.com harminder12@yahoo.co.in
509	An Approach To Study The Applications Of Soft Computing	Ravneet Kaur, Sukhjeet Kaur And Prof. Harminder Kaur	ravneetkaur3339@gmail.com, sukhjeetkaur41@gmail.com, aulakh.harminder@gmail.com
513	Analysis Of Hybrid Fractal Antenna Using Artificial Neural Network	Sahajpal Singh And Balwinder Singh Dhaliwal	singh.sahajpal3355@gmail.com, bsdhaliwal@ymail.com

514	New Technologies Of Optical Wireless Communications And Their Applications	Sukhjeet Kaur, Ravneet Kaur And Prof. Harminderkaur	ravneetkaur3339@gmail.com, sukhjeetkaur41@gmail.com, aulakh.harminder@gmail.com
516	Multi-Coset Sampling Based Wideband Spectrum Sensing In Cognitive Radio Using Greedy Algorithm	Deepak Papneja	deepak.purc@gmail.com
518	Design Andperformance Analysis Of 20nm 7-Fin SOI Finfet	Gurleen Kaur, Gurpurneet Kaur And Manpreet Singh Brar	gur.gurleen@gmail.com, gurpurneetkaur@gndec.ac.in, brar.manpreet@live.in
519	Implementation Of File Transfer With Gnu-Radio Tool On Sdr Platform	Gaganpreet Kaur, Ashish Thakur And Harminder Kaur	thakurtheashish@gmail.com, harminder12@yahoo.co.in, virpalgagan@gmail.com
521	Effect Of Milli Bends On Reflection Coefficient Of A Wearable Antenna Using FDTD Method	Danvir Mandal And S. S. Pattnaik	danvir.mandal@gmail.com, shyampattnaik@yahoo.com
522	Artificial Neural Network-Based System For Lung Nodules For Early Detection Of Lung Cancer	Sheenam Rattan And Jaspreet Kaur	sheenamrattan@gmail.com, jaspreetkaur513@yahoo.in
526	A Fuzzified Router For Multi-Objective Global Routing In VLSI Physical Design	Pulkit Jain And Sandeep Singh Gill	pulkitjaindav@gmail.com, ssg@gndec.ac.in
527	Green Wireless Communication-Need & Approaches For Energy Efficient Wireless Communication	Shruti Sharma, Ravneet Kaur Gill And Harminder Kaur	shrutisharma1@gmail.com
531	Prediction Of Resonant Frequency Of Spiralled Swastika Slotted Antenna Using Ann-Bfo For Wlan Applications	Saroop Singh, Chahat Jain, Nancy Gupta And Gurjot Walia	saroopsingh65@gmail.com, chahatjain26@gmail.com, nancy.gupta24@gmail.com
533	Performance Analysis Of Symmetric And Asymmetric 4H-Sic Based Double Gate MOSFET	Sudarshana Jilowa, Sandeep Singh Gill And Gurjot Kaur Walia	sudarshnajilowa@gmail.com
534	Device Level Variability In Fin Shapes For 14 Nm Finfet Technologies	Srishti And Prof. Jasmeet Kaur	srishtithukral7@gmail.com, jasmeetkr.90@gmail.com
536	Performance Analysis Of Ofdma, Mimo And Sc-Fdma Technology In Uplink And Downlink Channels In 4g Lte Networks	Shwetavij, Naaziamakkar And Sapanjotkaur	vij.shweta91@gmail.com, naazmakkar@gmail.com, sapansandhu87@gmail.com

541	Society Of Graphs	Krishnendu Basuli And Samar Sen Sarma	krishnendu.basuli@gmail.com, sssarma2001@yahoo.com
542	Meta-Material Properties And Application Design	Surinder Kumar And Jaspreet Kaur	skmimit@gmail.com, jaspreet_kaur1986@gmail.com
545	A Review On Efficient Data Transmission In Vehicular Ad-Hoc Network Using Cognitive Radio	Gaurav Gupta, Dr. Munish Rattan And Prof. Jasmeet Kaur	cecm.ece.gg@gmail.com, rattanmunish@gndec.eac.in, jasmeetkr.90@gmail.com
547	Performance Analysis Of Mimo-Ofdm System For Fading Channels	Harkirandeep Kaur And Kuldeepak Singh	deepharkiran89@yahoo.com, gne.kuldeepaksingh@gmail.in
548	A Robust Adaptive Beamforming Algorithm Using Neural Network Against A Large Mismatch	Gurpreet Kaur And Kuldeepak Singh	gurpreetsohal79@gmail.com, gne.kuldeepaksingh@gmail.in
550	An Advanced Clustering Scheme For Wireless Sensor Networks Using Particle Swarm Optimization	Harminder Kaur And Gaurav Prabahakar	harminder12@yahoo.co.in, prabhakar20@outlook.com
553	Segmentation In The Retinal Blood Vessel And Recognition Using The Gabor Filter	Avinash Kaur And Kuldeepak Singh	avinashrimt@gmail.com, gne.kuldeepaksingh@gmail.com

Full Paper

Paper ID	Paper Title	Authors Name	Email ID
4	Amalgamation Of NNE And Jaya Algorithm To Extract The Abnormal Part In MRI Images	Gurjot Kaur, Kanwarpreet Kaur, Chahat Jain, Navneet Kaur And Gurpurneet Kaur	gurjotwalia@yahoo.com, kpreet2392@gmail.com
5	Detection Of Brain Tumor From MRI Images: A Review Student, GNDEC, Ludhiana, India	Kanwarpreet Kaur, Gurjot Kaur, Jaspreet Kaur And Mandeep Kaur	kpreet2392@gmail.com, gurjotwalia@yahoo.com
7	Implementation Of A Seamless Bidirectional Communication Link For Long-Haul Networks On Optical Fiber-Free Space Optics System	Divnoor Kaur And Dr. Baljeet Kaur	divnoor7@gmail.com, baljeetkaur@gndec.ac.in
13	EM Analysis Of Vane-Loaded RF Interaction Structure For Its Potential Application In Gyrotrons	R. K. Singh And Chahat Jain	rajivinbhu@gmail.com, chahatjain26@gmail.com

17	Cloud Simulation Tools For Evaluating The Performance In Multi-Tenant Cloud Environments	Ranjeet Kaur And Ashish Kumar	ranjeet.cse@nittrchd.ac.in; kumar.ashishcs@gmail.com
19	Effective Detection Of Glaucoma From Fundus Images Using Computational Intelligence Technique	Samjot Kaur Aujla, Navneet Kaur And Gurjot Kaur Walia	ak.sam543@gmail.com, navneetkaur@gndec.ac.in, gurjotwalia@yahoo.com
21	Design A New Multiband Minkowski Shaped Fractal Antenna	Nitika Sharma, Simranjit Kaur And Balwinder S. Dhaliwal	niti.angel79@gmail.com
24	Review: Role Of Data Mining In Agriculture Yield Analysis	Rupinder Singh And Gurpreet Singh	rupi85aujla@gmail.com, gurpreet.1887@gmail.com
29	Iot Based Smart Waste Management Framework	Tarandeep Singh	taran.thakral@gmail.com
35	Analysis Of Elliptical Microstrip Patch Antenna Using Neural Network Ensemble	Simranjit Kaur Josan And Balwinder Singh Dhaliwal	simran_josan@yahoo.com, bs_dhaliwal@gndec.ac.in
512	Analysis Of A Pentagon Fractal Antenna Using Artificial Neural Network	Ramandeep Kaur, Simranjit Kaur Josan And Balwinder Singh Dhaliwal	ramandeepkaurbhamra@gmail.com simran_josan@yahoo.com, bsdhaliwal@ymail.com
520	A Digital Video Watermarking Technique Exploiting Entropy Feature	Baldip Kaur, Amanpreet Singh Brar, Anupama Gupta And Jasdip Kaur	baldip.20@gmail.com, appibrar@yahoo.com, anupamagemini@gmail.com, jasdip.20@gmail.com
528	GNU Radio Based Implementation Of Audio Transmission Using Narrow-Band Frequency Modulation	Jaskaran Singh Phull And Narwant Singh Grewal	phull_jaskaran@yahoo.co.in, narwant@gndec.ac.in
535	Image Denoising Of Medical Ultrasound Images Using Curvelets	Deepika Sood And Akshay Girdhar	deepikasood88@gmail.com, akshaygirdhar1975@gmail.com
537	Future Generation Of Passive Optical Networks	Harsimranjit Singh Gill, Sandeep Singh Gill And Kamaljit Singh Bhatia	harsimran18@gmail.com, ssg@gndec.ac.in kamalbhatia.er@gmail.com
549	Quad Staircase Shaped Microstrip Patch Antenna Byusing Ann	Mandeep Singh And Balwinder Singh Dhaliwal	mandeepsingh09999@gmail.com, bs_dhaliwal@gndec.ac.in

Regular Paper

Paper ID	Paper Title	Authors Name	Email ID
6	A Problem Of Deformation In Micropolar Generalized Thermoelastic Medium Using Laplace And Fourier Transform Techniques	Devinder Singh and Arbind Kumar,	despathania@yahoo.com
8	Secure Wireless Networks, Secure Future	Harinder Singh Mashiana	hsmashiana@gmail.com
9	Big Data With Hadoop: A Review	Nitin Verma, Suket Arora and Preeti Verma	nitin.v.mca@gmail.com, suket.arora@yahoo.com, preet_asr156@yahoo.in
20	A Problem On Fibre Reinforced Micropolar Thermoelastic Half Space At An Elastic Interface	Praveen Ailawalia, Sunil Kumar Sachdeva and Devinder Singh Pathania	sunilsachdeva.daviet@gmail.com
22	Intuitionistic Fuzzification Of Sylow's Theorems	P.K. Sharma, D.S. Pathania and Kanchan Sandhu	pksharma@davjalandhar.com, kanchan4usoh@gmail.com
23	Review Paper On Application Of Cognitive Radio Wireless Sensor Network	Avinash Kaur and Supreet Singh	avinashrimt@gmail.com, Supreet.e@bbsbec.ac.in
25	Gene Mutations And Different Computational Techniques To Identify Driver Genes	Amandeep Kumar and Damanpreet Singh	aman.sp86@gmail.com, damanpreetsingh@sliet.ac.in
26	Breast Cancer Detection And Screening Techniques: A Survey	Harmandeep Singh and Damanpreet Sing	singh.harman.saini@gmail.com, damanpreetsingh@sliet.ac.in
27	Soft Computing Techniques: A Review	Rohin Gupta and Dr. S.S. Gill	engg.rohin@gmail.com, ssg@gndec.ac.in
30	Radio Frequency Radiation Impact Analysis On ECG And HRV: A Review	Suman, H K Sardana and Balwinder Singh Dhaliwal	sumanbhagat1199@gmail.com, hk_sardana@res.csio.in, bsdhaliwal@ymail.com
33	Cost Effective Approach For Suppression Of Four Wave Mixing In Wdm System	Amrit Singh	amrit732@yahoo.com
40	Mathematical Derivation Of A New Mean Codeword Length And The Source Coding Theorem	Satish Kumar, D.S.Pathania, Arvind Kumar and Arun Choudhary	arvi.math@gmail.com

507	OCR In Indian Languages	Abhishek Verma, Suket Arora and Preeti Verma	abhi.asr11@gmail.com, suket.arora@yahoo.com, preet_asr156@yahoo.in
508	Sentiment Analysis Of Online Mobile Reviews	Rekha and Dr. Williamjeet Singh	garg15rekha@gmail.com, williamjeet@gmail.com
510	Improving Energy Efficiency Of Manets Using Protocol Driven By CPE	Shyna Kalra and Harminder Kaur	enggshyna@gmail.com, harminder12@yahoo.co.in
515	Prefractal Multiband Microstrip Antenna For Wireless Applications	Yadwinder Kumar and Priyanka Rani	yaddi79@gmail.com, erpriyanka.mehta@gmail.com
517	Early Detection And Classification Of Diabetic Retinopathy Using K-Means Color Compression And Fuzzy Logic	Sumandeep Kaur and Daljit Singh	sumansaraon44@gmail.com, daljithathan@gmail.com
523	Methods Of Malaria Diagnosis Using Image Processing	Damandeep Kaur, Navpreet Singh Samra and Prof. GurjotKaur	giansinghkhalsa@gmail.com
524	Four Code Keying In OCDMA	Prabhjot Kaur	pmeet1515@gmail.com
525	Restoration Of Ultrasound Images Using Ant Colony Optimization Approach	Manvi and Anupama Gupta	manvi7@gmail.com, anupamagemini@gmail.com
529	Vehicular Adhoc Networks For Emergency Vehicle A Review	Kirti Tripathi and Suraj Dhalwar	kirtitripathifzk@gmail.com
532	Effect Of Bias Voltage On The Performance Of FGMOS Gates	Roshani Gupta, Rockey Gupta and Susheel Sharma	roshani24gupta@gmail.com, rockeygupta@gmail.com, susheelksharma@gmail.com
538	Performance Comparison Of Nrz, Rz And Csrz In Isowc System For Different Optical Windows And Power Levels At 10 Gbps	Jasleen kaur and Prof. Kuldeepak Singh	jasleenabrol@yahoo.com
539	Metamaterial Cloaking: Making The Invisibility Through The Visible	Chahat Jain	chahatjain26@gmail.com
540	SSRR Loaded MIMO Antenna System For ISM Band Operation	Bindu Dhankar, Ritu Goyal and Dr. K.K Saini	ritunoddy@gmail.com

543	Fusion Of Medical Images Based On Second Generation Wavelet Transform	Jappreet Kaur, Anupama Gupta and Akshay Girdhar	jappreet_kaur@yahoo.co.in, anupamagemini@gmail.com, akshay1975@gmail.com
544	Impact Of Fin Shape On The Device Performance Of Multigate Bulk N-Finfets	Ankit Gaurav, Sandeep Singh Gill and Navneet Kaur	ankit.gaurav@gmail.com
546	Review Paper On Application Of Cognitive Radio Wireless Sensor Network	Avinash Kaur and Supreet Singh	avinashrimt@gmail.com, Supreet.e@bbsbec.ac.in
551	Gateway Based Design Of Network Model For WSN	Harminder Kaur and Jagjit Kaur	harminder12@yahoo.co.in, j.jagjeet@ymail.com
552	Design And Performance Comparison Of Symmetric And Asymmetric Underlap Dual-K Spacer Finfets	Sanamdeep Singh, Dr.Sandeep Singh Gill And Er.Navneet Kaur	Sanamdeep08@gmail.com, ssg@gndec.ac.in, navneetkaur@gndec.ac.in