Name: Mohan Krishen Kadalbajoo
Email: The LNM Institute of Information Technology
Department: Mathematics
Summary:
Biography:
Research Area: Direct Elliptic Solvers, Numerical methods with analysis of Singular Boundary Value Problems, Finite Difference, Boundary Elements, Spline Collocation, Fitted operator/mesh methods for singularly perturbation problems in ODEs, PDEs, and DDEs. Parallel algorithms, Computational Finance and option pricing

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: with P.C. Jain, A numerical method for solving mildly non-linear elliptic problems over irregular regions, Indian J. Pure and Applied Maths., Vol.7, no.2, pp. 212-223, January 1976, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: with P.C. Jain), Dynamic programming solutions of mildly non-linear elliptic problems over irregular regions,, Computer Math., Section B, Vol. 5, pp. 231-239, January 1976, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: with P.C. Jain, A numerical method for solving mildly non-linear elliptic problems over irregular regions, Indian J. Pure and Applied Maths., Vol.7, no.2, pp. 212-223, January 1976
Publication: N/A
Publication: with P.C. Jain), Dynamic programming solutions of mildly non-linear elliptic problems over irregular regions,, Computer Math., Section B, Vol. 5, pp. 231-239, January 1976
Publication: N/A
Name: Sunil Pandey
Email: The LNM Institute of Information Technology
Department: Mechanical-Mechatronics Engineering
Summary: Welding and Joining Technology, Manufacturing Technology, Industrial Safety, Process Planning, Unconventional Machining Processes,
Biography:
Research Area:

Personal Information:

Education:
Education section not found
Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publications section not found Name: Ganesh Datt Sharma
Email: The LNM Institute of Information Technology
Department: Physics

Summary:
Biography:
Research Area:

Personal Information:

Education:
Degree/Diploma: Development of efficient polymer solar cells based on non-fullerene acceptors, Institute/Organization: 41, Year: BRICS joint project, Department of Science and Technology, Government of India, Specialization: 2019
Degree/Diploma: Novel wide bandgap polymers for organic solar cells, Institute/Organization: 25, Year: INDO- Russia Joint project, DST, Government of India, Specialization: 2019
Degree/Diploma: Third generation solar cells base on organic materials, Institute/Organization: 25, Year: Indo- Taiwan, GITA, Government of India, Specialization: 2019
Degree/Diploma: Development of New small molecules and device architechtures for highly efficient and reliable organic solar cells, Institute/Organization: 125, Year: SERI-DST, Government of India, New Delhi, Specialization: 2017
Degree/Diploma: Design and Synthesis of New Conjugated Low Band Gap Polymers Based on “Weak Donor – Strong Acceptor” An Approach for Efficient Bulk Heterojunction Solar Cells, Institute/Organization: 1300000, Year: DST, New Delhi Under INDO-Russia joint Project, Specialization: 2013
Degree/Diploma: Graphene based Electronics and optoelectronics device, Institute/Organization: 1200000, Year: EU commission (Greece), Specialization: 2012
Degree/Diploma: Interactive Systems and Coatings for a Sustainable Built Environment, Institute/Organization: 5000000, Year: UKIERI Project with MANIT, Bhopal and IIT, Delhi, Specialization: 2011
Degree/Diploma: Bulk heterojunction organic photovoltaic devices, Institute/Organization: 770000, Year: CSIR, New Delhi, Specialization: 2006
Degree/Diploma: Thin film solar cells on dye senstitized nanopprous TiO2 and polymers, Institute/Organization: 900000, Year: DST, New Delhi, Specialization: 2005
Degree/Diploma: Investigation of functional piezoelectric and pyroelectric material for defence applications, Institute/Organization: 300000, Year: DRDO, New Delhi, Specialization: 2004
Degree/Diploma: Development of hybrid materials for photovoltaic device, Institute/Organization: 450000, Year: UGC, New Delhi, Specialization: 2002
Degree/Diploma: study of organic electroluminescent and electrochromic devices, Institute/Organization: 950000, Year: CSIr, New Delh, Specialization: 1998
Degree/Diploma: systematic study of organic semiconductor for photovoltaic devices, Institute/Organization: 800000, Year: CSIR, New Delhi, Specialization: 1993
Degree/Diploma: Charge injection in organic dyes, Institute/Organization: 140000, Year: DST, Specialization: 1987

Projects:
Project Name: Development of efficient polymer solar cells based on non-fullerene acceptors, Cost: 41, Funding Agency: BRICS joint project, Department of Science and Technology, Government of India, Duration From: 2019, Duration To: 2023
Project Name: Novel wide bandgap polymers for organic solar cells, Cost: 25, Funding Agency: INDO-Russia Joint project, DST, Government of India, Duration From: 2019, Duration To: 2021
Project Name: Third generation solar cells base on organic materials, Cost: 25, Funding Agency: Indo-Taiwan, GITA, Government of India, Duration From: 2019, Duration To: 2023
Project Name: Development of New small molecules and device architechtures for highly efficient and reliable organic solar cells, Cost: 125, Funding Agency: SERI-DST, Government of India, New Delhi, Duration From: 2017, Duration To: 2021
Project Name: Design and Synthesis of New Conjugated Low Band Gap Polymers Based on “Weak Donor – Strong Acceptor” An Approach for Efficient Bulk Heterojunction Solar Cells, Cost: 1300000, Funding Agency: DST, New Delhi Under INDO-Russia joint Project, Duration From: 2013, Duration To:

2015
Project Name: Graphene based Electronics and optoelectronics device, Cost: 1200000, Funding Agency: EU commission (Greece), Duration From: 2012, Duration To: 2015
Project Name: Interactive Systems and Coatings for a Sustainable Built Environment, Cost: 5000000, Funding Agency: UKIERI Project with MANIT, Bhopal and IIT, Delhi, Duration From: 2011, Duration To: 2014
Project Name: Bulk heterojunction organic photovoltaic devices, Cost: 770000, Funding Agency: CSIR, New Delhi, Duration From: 2006, Duration To: 2010
Project Name: Thin film solar cells on dye senstitized nanopprous TiO2 and polymers, Cost: 900000, Funding Agency: DST, New Delhi, Duration From: 2005, Duration To: 2009
Project Name: Investigation of functional piezoelectric and pyroelectric material for defence applications, Cost: 300000, Funding Agency: DRDO, New Delhi, Duration From: 2004, Duration To: 2008
Project Name: Development of hybrid materials for photovoltaic device, Cost: 450000, Funding Agency: UGC, New Delhi, Duration From: 2002, Duration To: 2005
Project Name: study of organic electroluminescent and electrochromic devices, Cost: 950000, Funding Agency: CSIr, New Delh, Duration From: 1998, Duration To: 2002
Project Name: systematic study of organic semiconductor for photovoltaic devices, Cost: 800000, Funding Agency: CSIR, New Delhi, Duration From: 1993, Duration To: 1997
Project Name: Charge injection in organic dyes, Cost: 140000, Funding Agency: DST, Duration From: 1987, Duration To: 1989

Experience:
Experience section not found
Publications:
Publication: N/A
Publication: M. L. Keshtov, S. A. Kuklin, D. Y. Godovsky, A. R. Khokhlov, R. Kurchania, F. C. Chen, Emmanuel N. Koukaras and G. D. Sharma, New alternating D–A1–D–A2 copolymer containing two electron-deficient moieties based on benzothiadiazole and 9-(2-Octyldodecyl)-8H-pyrrolo[3,4-b]bisthieno[2,3-f:3',2'-h]quinoxaline-8,10(9H)-dione for efficient polymer solar cells, J. Poly Science Part A, 54, 155–168 (2016) FEB 2016 , February 2016
Publication: N/A
Publication: Hyejeoung Lee, Hyeonjun Jo, Dayoung Kim, Subhayan Biswas, Ganesh D. Sharma, Jaejung Ko,, The effect of acceptor end groups on the physical and photovoltaic properties of A–p–D–p–A type oligomers with same S, N-heteropentacene central electron donor unit for solution processed organic solar cells, Dyes and Pigments, 129, 209-219 (2016) 2016 , January 2016
Publication: N/A
Publication: Yuvraj Patil, Rajneesh Misra, M. L. Keshtov, and Ganesh D. Sharma, 1,1,4,4-Tetracyanobuta-1,3-diene Substituted Diketopyrrolopyrroles: An Acceptor for Solution Processable Organic Bulk Heterojunction Solar Cells,, J. Phys. Chem. C 120, 6324–6335 (2016) 2016 , January 2016
Publication: N/A
Publication: Ganesh Koyyada, Sanchari Shome, M. Chandrasekharam, G. D. Sharma and Surya Prakash Singh, High performance dye-sensitized solar cell from a cocktail solution of a ruthenium dye and metal free organic dye, RSC advances 6, 41151-41155 (2016) 2016 , January 2016
Publication: M. L. Keshtov, S. A. Kuklin, N. A. Radychev, A. Yu. Nikolaev, E. N. Koukaras, Abhishek Sharma and G. D. Sharma,, Design and synthesis of new ultra-low band gap thiadiazoloquinoxaline-based polymers for near-infrared organic photovoltaic application, RSC Adv. 6, 14893-14908 (2016) 2016 ,
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Publication: Marri Anil Reddy, CH. Pavan Kumar, Akudari Ashok, Abhishek Sharma, G. D. Sharma and Malapaka Chandrasekharam, Hetero aromatic donors as effective terminal groups for DPP based organic solar cells, RSC Adv., 2016,6, 9023-9036 (2016) 2016 ,

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Publication: Yuvraj Patil, Rajneesh Misra, Abhishek Sharma and Ganesh D. Sharma, D–A–D–p–D–A–D type diketopyrrolopyrrole based small molecule electron donors for bulk heterojunction organic solar cells,, Phys. Chem. Chem. Phys. 18, 16950-16957 (2016) ,
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Publication: Panagiotis A. Angaridis, Eleftherios Ferentinos, Georgios Charalambidis, Kalliopi Ladomenou, Vasilis Nikolaou, Ganesh D. Sharma and Athanassios G. Coutsolelos, Pyridyl vs. bipyridyl anchoring groups of porphyrin sensitizers for dye sensitized solar cells,, RSC Adv. 6, 22187-22203 (2016) 2016 ,
Publication: Asterios Charisiadis, Vasilis Nikolaou, Kostas Karikis, Chrysa Giatagana, Konstantina Chalepli, Kalliopi Ladomenou, S. Biswas, Ganesh D. Sharma and Athanassios G. Coutsolelos, Two new bulky substituted Zn porphyrins bearing carboxylate anchoring groups as promising dyes for DSSCs, New J. Chem.40, 5930-5941 (2016) 2016 ,
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Publication: M. Reddy Busireddy, Venkata Niladri Raju Mantena, Narendra Reddy Chereddy, Balaiah Shanigaram, Bhanuprakash Kotamarthi, Ganesh Datt Sharma, Jayathirtha Rao Vaidya, Dithienopyrrole-benzodithiophene based donor materials for small molecular BHJSCs: Impact of side chain and annealing treatment on their photovoltaic properties,, Org. Electronics 37, 312-325 (2016) 2016 ,
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Publication: anesh D. Sharma, Panagiotis A. Angaridis, Sophia Pipou, Galateia E. Zervaki, Vasilis Nikolaou, Rajneesh Misra, Athanassios G. Coutsolelo, Efficient co-sensitization of dye-sensitized solar cells by novel porphyrin/triazine dye and tertiary aryl-amine organic dye, rganic Electronics 2015, 25, 295–307 JUN 2015 ,
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Publication: Challuri Vijay Kumar, Lydia Cabau, Emmanuel N. Koukaras, Ganesh D. Sharma and Emilio Palomares, 25 Efficient Solution processed D1-A-D2-A-D1 small molecules bulk heterojunction solar cells based on alkoxy triphenylamine and benzo[1,2-b:4, 5-b?]thiophene units, Organic. Electronics 2015, 26, 36-47 APRIL 2015 ,
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Publication: M.L. Keshtov, Y. Geng, S.A. Kuklin, A.R. Khokhlov, E. N. Koukaras, and G.D. Sharma,, Synthesis, optical and electrochemical properties new Donor-Acceptor (D-A) Copolymers Based on Benzo[1,2-b:3,4-b':6,5-b''] trithiophene donor and different acceptor units: application as donor for photovoltaic devices, Organic Electronics 2015, 17, 167-177 MAR 2015 ,
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Publication: G. D. Sharma, S. A. Siddiqui, A. Nikiforou, G. E. Zervaki, K. Ladomenou, Athanassios G. Coutsolelos, A triazine mono(carboxy)Porphyrin-(Bodipy)2 triad as donor for bulk heterojunction organic solar cells, J. Mater. Chem. C DOI: 10.1039/c5tc01076d OCT 2015 ,
Publication: Sanghyun Paek, Hyeju Choi, Hyunjun Jo, Kiae Lee, Kihyung Song, S. A. Siddiqui, G. D. Sharma and Jaejung Ko,, A new unsymmetrical near-IR small molecule with squaraine chromophore for solution processed bulk heterojunction solar cells, J. Mater. Chem. C DOI: 10.1039/c5tc00679a OCT 2015 ,
Publication: M. L. Keshtov, S.A. Kuklin, F. C. Chen, A. R. Khokhlov, Rajnish Kurchania and G. D. Sharma,, A new D-A conjugated polymer P(PTQD-BDT) with PTQD acceptor and BDT donor unit for BHJ polymer solar cells application,, J. Polymer Science, Part A DOI: 10.1002/pola.27699 JULY 2015 ,
Publication: M. L. Keshtov, S. A. Kuklin, D. Yu. Godovsky, F. C. Chen, A. R. Khokhlov, R. Kurchania and G. D. Sharma, J., New alternating D–A1–D–A2 copolymer containing two electron-deficient moieties based on benzothiadiazole and 9-(2-octyldodecyl)-8H-pyrrolo[3,4-b]bisthieno[2,3-f:3',2'-h]quinoxaline-8,10

(9H)-dione for efficient polymer solar cells,, Polymer Science Part A DOI: 10.1002/pola.27786 2015 ,
Publication: Challuri Vijay Kumar, Lydia Cabau, Aurelien Viterisi, Subhayan. Biswas, Ganesh D. Sharma and Emilio Palomares, Solvent Annealing Control of Bulk Heterojunction Organic Solar Cells with 6.6% Efficiency Based on a Benzodithiophene Donor Core and Dicyano Acceptor Units, J. Phys. Chem. C doi: 10.1021/acs.jpcc.5b07130 2015 ,
Publication: Asterios Charisiadis, Christina Stangel, Vasilis Nikolaou, Mahesh S. Roy, Ganesh D. Sharma and Athanassios G. Coutsolelos, A supramolecular assembling of zinc porphyrin with a ?-conjugated oligo(phenylenevinylene) (oPPV) molecular wire for dye sensitized solar cell, RSC Adv.,2015,5, 88508-88519 2015 ,
Publication: Prabhat Gautam, Rajneesh Misra, Emmanuel N. Koukaras, Abhishek Sharma, G. D. Sharma, Donor-Acceptor-Acceptor-Donor Benzothiadiazoles: Small Molecules for Solution Processed Bulk Heterojunction Solar Cells, Organic Electronics 2015, 27, 72-83 2015 ,
Publication: Shyam S. Sharma, Khushboo Sharma and G. D. Sharma, Efficient bulk heterojunction photovoltaic devices based on modified PCBM, Nanotechnology Reviews, DOI 10.1515/ntrev-2014-0041 2015 ,
Publication: C. H. Pavan Kumar, K. Ganesh, T. Suresh, Abhishek Sharma, K. Bhanuprakash, G. D. Sharma and Malapaka Chandrasekharam, Influence of thermal and solvent annealing on the morphology and photovoltaic performance of solution processed, D–A–D type small molecule-based bulk heterojunction solar cells,, RSC Adv. 2015, 5, 93579- 93590 2015 ,
Publication: Thaksen Jadhav, Rajneesh Misra, S. Biswas and Ganesh D. Sharma,, Bulk heterojunction organic solar cells based on carbazole–BODIPY conjugate small molecules as donors with high open circuit voltage, Phys. Chem. Chem. Phys. DOI: 10.1039/c5cp04807a 2015 ,
Publication: yeonjun Jo, Sojin Park, Hyeju Choi, Subok Lee, Kihyung Song, S. Biswas, Abhishek Sharma, Ganesh. D. Sharma, and Jaejung Ko, S, N heteropentacene based small molecules with A-D-A structure for solution processed organic bulk heterojunction solar cells,, RSC Advances (in Press). 2015 ,
Publication: Rajneesh Misra, Ramesh Maragani, Deepali Arora, Abhishek Sharma and Ganesh D. Sharma,, Positional isomers of Pyridine linked triphenylamine-based donor-acceptor organic dyes for efficient dye-sensitized solar cells, Dye and pigments (in press) 2015 ,
Publication: Jangkeun Sim, Kwangseok Do, Kihyoung Song, Abhishek Sharma, S. Biswas, Ganesh. D. Sharma, Jaejung Ko, D-A-D-A-D push pull organic small molecules based on 5,10-dihydroindolo[3,2-b]indole (DINI) central core donor for solution processed bulk heterojunction solar cells, Organic Electronics (in Press) 2015 ,

Name: Bimal Kumar Roy
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary: Prof. Bimal Kumar Roy is a former Director of the Indian Statistical Institute. (ISI) and a cryptologist from the Cryptology Research Group of the Applied Statistics Unit of ISI, Kolkata. He has taught at the Indian Statistical Institute for over 30 years from 1984.
Biography: Prof. Bimal Kumar Roy is a former Director of the Indian Statistical Institute. (ISI) and a cryptologist from the Cryptology Research Group of the Applied Statistics Unit of ISI, Kolkata. He has taught at the Indian Statistical Institute for over 30 years from 1984.
He received a Ph.D. in Combinatorics and Optimization in 1982 from the University of Waterloo.
He has published around forty papers in refereed Journals; around twenty book chapters, including proceedings for International Conferences; with over twenty papers in Cryptology and Information Security in reputed International Conferences and Journals.
In 2015, Prof. Roy was awarded Padma Shri, India’s fourth-highest civilian honour, recognizing his accomplishments and contribution to education. Further, Dr. Roy was also appointed as the chairperson of the National Statistical Commission, Ministry of Statistics and Programme Implementation, Government of India, in 2019.
Research Area: Combinatorics, and application of Statistics in Cryptology and Design of Experiments

Personal Information:

Education:
Degree/Diploma: Centre of Excellence in Cryptology, Institute/Organization: 0, Year: Defence Research and Development Organization, Specialization: 2011
Degree/Diploma: Research and development of Cryptographic Primitives, Institute/Organization: 0, Year: Department of Information Technology, Specialization: 2006
Degree/Diploma: Development of pairing based cryptographic protocols, Institute/Organization: 0, Year: Department of Information Technology, Specialization: 2003

Projects:
Project Name: Centre of Excellence in Cryptology, Cost: 0, Funding Agency: Defence Research and Development Organization, Duration From: 2011, Duration To: 2016
Project Name: Research and development of Cryptographic Primitives, Cost: 0, Funding Agency: Department of Information Technology, Duration From: 2006, Duration To: 2011
Project Name: Development of pairing based cryptographic protocols, Cost: 0, Funding Agency: Department of Information Technology, Duration From: 2003, Duration To: 2006

Experience:
Organization: Indian Statistical Institute, Kolkata, Post/Designation: Head, R C Bose Centre for Cryptology and Security, Duration From: 2015, Duration To: 2021
Organization: Indian Statistical Institute, Kolkata, Post/Designation: Director, Duration From: 2010, Duration To: 2015
Organization: Indian Statistical Institute, Kolkata, Post/Designation: Professor, Applied Statistics Unit, Duration From: 1997, Duration To: Current

Publications:
Publication: N/A
Publication: Vignesh T. Subramaniam, Anup Dewanji & Bimal K. Roy, Analysis of Sequential Quality Improvement Plans to Obtain Confidence Bounds, Journal of Statistical Theory & Practice, May 2021
Publication: N/A
Publication: Somnath Panja, Samiran Bag, Feng Hao, and Bimal Roy, A Smart Contract System for Decentralized Borda Count Voting, IEEE Transactions on Engineering Management, May 2020
Publication: N/A

Name: Ranjan Gangopadhyay
Email: The LNM Institute of Information Technology
Department: Electronics and Communication Engineering
Summary:
Biography:
Research Area:

Personal Information:

Education:
Degree/Diploma: Mobile Broadband Service Support Over Cognitive Radio Networks, Institute/Organization: 40000000, Year: ITRA, MeitY, GoI, Specialization: 2014
Degree/Diploma: Analysis, modelling and design of semiconductor optical amplifier based photonic components for lightwave systems and networks, Institute/Organization: 0, Year: Indo - Japan Cooperation Programme, Specialization: 2006
Degree/Diploma: Enabling technologies for the design and implementation of next generation optical Internet prototype based on optical packet switching, Institute/Organization: 314000, Year: Indo - Italy collaboration project, DST, New-Delhi, Specialization: 2005
Degree/Diploma: Modernization of fibre optical system laboratory, for under graduate and post graduate students, Institute/Organization: 800000, Year: MHRD, Specialization: 2005
Degree/Diploma: Engineering enabling technologies for the design and implementation of a photonic network based on optical packet switching, Institute/Organization: 1300000, Year: MHRD, Specialization: 2004

Degree/Diploma: Optical transmission System & Networking Software Development, Institute/Organization: 250000, Year: Proceon Pvt. Ltd., Kolkata (Consultacy), Specialization: 2003
Degree/Diploma: Design of packet switched reconfigurable DWDM networks, Institute/Organization: 500000, Year: Indo - Italy Collaboration Project DST, Govt. of India, Specialization: 2002
Degree/Diploma: Modeling and software simulation tool for the design of WDM transmission system, Institute/Organization: 950000, Year: Dept. of Science and Technology (DST), Govt. of India, Specialization: 2001
Degree/Diploma: Design of packet switched dynamically reconfigurable WDM network with wavelength conversion for multi media, Institute/Organization: 934889, Year: Indo - UK Collaboration Programme, Specialization: 2001
Degree/Diploma: Studies on the interplay of source and channel coder for use in digital satellite communication, Institute/Organization: 500000, Year: ISRO, Bangalore, India, Specialization: 1998
Degree/Diploma: Design of advanced wavelength routed optical network, Institute/Organization: 3700000, Year: European Community (Brussels), Specialization: 1996
Degree/Diploma: System design and simulation of for efficient mobile radio system, Institute/Organization: 857000, Year: DRDO, Ministry of Defense, India, Specialization: 1995
Degree/Diploma: Development of Wavelength Division Multiplexing Transmission plan, Institute/Organization: 2300000, Year: DOE, Govt.of India, Specialization: 1985

Projects:
Project Name: Mobile Broadband Service Support Over Cognitive Radio Networks, Cost: 40000000, Funding Agency: ITRA, MeitY, GoI, Duration From: 2014, Duration To: 2018
Project Name: Analysis, modelling and design of semiconductor optical amplifier based photonic components for lightwave systems and networks, Cost: 0, Funding Agency: Indo - Japan Cooperation Programme, Duration From: 2006, Duration To: 2009
Project Name: Enabling technologies for the design and implementation of next generation optical Internet prototype based on optical packet switching, Cost: 314000, Funding Agency: Indo - Italy collaboration project, DST, New-Delhi, Duration From: 2005, Duration To: 2007
Project Name: Modernization of fibre optical system laboratory, for under graduate and post graduate students, Cost: 800000, Funding Agency: MHRD, Duration From: 2005, Duration To: 2007
Project Name: Engineering enabling technologies for the design and implementation of a photonic network based on optical packet switching, Cost: 1300000, Funding Agency: MHRD, Duration From: 2004, Duration To: 2006
Project Name: Optical transmission System & Networking Software Development, Cost: 250000, Funding Agency: Proceon Pvt. Ltd., Kolkata (Consultacy), Duration From: 2003, Duration To: 2003
Project Name: Design of packet switched reconfigurable DWDM networks, Cost: 500000, Funding Agency: Indo - Italy Collaboration Project DST, Govt. of India, Duration From: 2002, Duration To: 2004
Project Name: Modeling and software simulation tool for the design of WDM transmission system, Cost: 950000, Funding Agency: Dept. of Science and Technology (DST), Govt. of India, Duration From: 2001, Duration To: 2003
Project Name: Design of packet switched dynamically reconfigurable WDM network with wavelength conversion for multi media, Cost: 934889, Funding Agency: Indo - UK Collaboration Programme, Duration From: 2001, Duration To: 2003
Project Name: Studies on the interplay of source and channel coder for use in digital satellite communication, Cost: 500000, Funding Agency: ISRO, Bangalore, India, Duration From: 1998, Duration To: 2000
Project Name: Design of advanced wavelength routed optical network, Cost: 3700000, Funding Agency: European Community (Brussels), Duration From: 1996, Duration To: 1998
Project Name: System design and simulation of for efficient mobile radio system, Cost: 857000, Funding Agency: DRDO, Ministry of Defense, India, Duration From: 1995, Duration To: 1997
Project Name: Development of Wavelength Division Multiplexing Transmission plan, Cost: 2300000, Funding Agency: DOE, Govt.of India, Duration From: 1985, Duration To: 1988

Experience:
Organization: Scuola Superiore Sant’Anna, Pisa, Italy, Post/Designation: NA, Duration From: 2012,

Duration To: 2013
Organization: Scuola Superiore Sant'Anna, Pisa, Italy, Post/Designation: NA, Duration From: 2009, Duration To: 2009
Organization: Chonbuk National University, Jeonju, Korea, Post/Designation: NA, Duration From: 2005, Duration To: 2005
Organization: Scuola Superiore Sant'Anna, Pisa, Italy, Post/Designation: NA, Duration From: 2005, Duration To: 2006
Organization: Central Research Laboratory, Ministry of Telecom, Japan, Post/Designation: NA, Duration From: 2002, Duration To: 2002
Organization: Scuola Superiore Sant'Anna, Pisa, Italy, Post/Designation: NA, Duration From: 2001, Duration To: 2001
Organization: University of Ottawa, Canada, Post/Designation: NA, Duration From: 1995, Duration To: 1996
Organization: Parma University, Italy, Post/Designation: NA, Duration From: 1994, Duration To: 1995
Organization: Parma University, Italy, Post/Designation: NA, Duration From: 1992, Duration To: 1992
Organization: British Telecom Research Laboratory, UK, Post/Designation: NA, Duration From: 1992, Duration To: 1992
Organization: Parma University, Italy, Post/Designation: NA, Duration From: 1989, Duration To: 1989
Organization: British Telecom Research Laboratory, UK, Post/Designation: NA, Duration From: 1986, Duration To: 1986
Organization: Pisa University, Italy, Post/Designation: NA, Duration From: 1985, Duration To: 1986
Organization: Loughborough University of Technology, UK, Post/Designation: NA, Duration From: 1983, Duration To: 1989
Organization: Indian Institute of Information Technology, Kharagpur, Post/Designation: NA, Duration From: 1980, Duration To: 2008
Organization: IIT Kharagpur, Post/Designation: NA, Duration From: 1980, Duration To: 2008
Organization: BE College, Howrah, WB, Post/Designation: NA, Duration From: 1967, Duration To: 1980

Publications:
Publication: N/A
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Publication: N/A
Publication: Jain, M.; Kumar, V.; Gangopadhyay, R.; and Debnath, S.;, "A Simulation Framework for Capacity Analysis in TV White Space," in Communications (APCC), 22nd Asia-Pacific Conference, August 2016
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Publication: Agarwal, A.; Dubey, S.; Khan, M.A.; Gangopadhyay, R.; and Debnath, S.;, "Learning based Primary Activity Prediction Analysis in Various Traffic Scenarios for Efficient Dynamic Spectrum Access," in Signal Processing and Communications (SPCOM), 11th IEEE International Conference, June 2016
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Publication: Kumar, V.; Kandpal, D.C.; Gangopadhyay, R.; and Debnath, S.;, "Performance of an energy detector with generalized selection combining for spectrum sensing," in Cognitive Radio Oriented Wireless Networks (CROWNCOM) 2016, 11th EAI International Conference, May 2016
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Publication: Agarwal, A.; Sengar, A.S.; Gangopadhyay, R.; and Debnath, S.;, "A Real Time Measurement Based Spectrum Occupancy Investigation in North-Western India for Cognitive Radio Applications," in Wireless Communications Signal Processing and Networking (WiSPNET), IEEE International Conference, March 2016
Publication: Jain, M.; Garg, S.; Gangopadhyay, R.; and Debnath, S.;, "Opportunistic Interference Alignment in Multi-user MIMO CRN for Different Fading Channels," in Communications (NCC), National Conference, March 2016

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Summary: Prof. Raghuvir Tomar is an expert in electrical engineering, specializing in electromagnetic theory and microwaves. He completed his postdoctoral research at the University of Ottawa and holds a Ph.D. and M.Tech. from IIT Kanpur, along with a B.E. from MITS Gwalior. His career includes roles at Bolriet Technologies, Bell Northern Research, Northern Telecom, Nortel Networks, EMS Technologies, and NATEL Engineering, where he worked on advanced microwave and RF components. Since 2005, he has been associated with The LNM Institute of Information Technology, Jaipur, teaching and holding key administrative positions such as Head, Department of ECE and Dean of Research and Development.

Biography:

Research Area: Electromagnetics and Microwave Engineering

Personal Information:

Education:

Degree/Diploma: SIGN LANGUAGE TO REGIONAL LANGUAGE CONVERTER, Institute/Organization: 4300000, Year: Department of Science and Technology, Government of India, Specialization: 2019

Degree/Diploma: System-Level Testing (including regulatory and complinace testing) of SATCOM transceivers for Inmarsat applications (EMS Technologies, Ottawa,, Ontario, Canada, 1999-2003), Institute/Organization: 30000000, Year: EMS TECHNOLOGIES, Specialization: 1999

Degree/Diploma: Out-sourcing, design, build, and test of a 60W Multi-Carrier SATCOM L-band microwave amplifier with high linearity (EMS Technologies, Ottawa,, Ontario, Canada, 1999-2003), Institute/Organization: 20000000, Year: EMS TECHNOLOGIES, Specialization: 1999

Degree/Diploma: Design, build, and test of a 12W SATCOM L-band microwave amplifier using Motorola and Ericsson Semi-Conductor devices (EMS Technologies, Ottawa,, Ontario, Canada, 1999-2003), Institute/Organization: 20000000, Year: EMS TECHNOLOGIES, Specialization: 1999

Degree/Diploma: Design, build, and test of a L-band highly-linear SATCOM driver amplifier for Inmarsat applications (EMS Technologies, Ottawa,, Ontario, Canada, 1999-2003), Institute/Organization: 10000000, Year: EMS TECHNOLOGIES, Specialization: 1999

Degree/Diploma: Design, build, and test of a L-band SATCOM power combiner for Inmarsat applications (EMS Technologies, Ottawa,, Ontario, Canada, 1999-2003), Institute/Organization: 10000000, Year: EMS TECHNOLOGIES, Specialization: 1999

Degree/Diploma: 6-GHz Low-Noise Down-Converter Design (NORTEL Networks, Ottawa, Canada, 1996-1999), Institute/Organization: 30000000, Year: NORTEL NETWORKS, Specialization: 1996

Degree/Diploma: Out-sourcing and detailed compliance-testing of OEM developed PCS1900 high-power diplexers (NORTEL Networks, Ottawa, Canada, 1996-1999), Institute/Organization: 10000000, Year: NORTEL NETWORKS, Specialization: 1996

Degree/Diploma: Out-sourcing and detailed compliance-testing of OEM developed PCS1900 high-power diplexers, receive filters and multi-carrier power amplifiers (NORTEL Networks, Ottawa, Canada, 1996-1999), Institute/Organization: 10000000, Year: NORTEL NETWORKS, Specialization: 1996

Degree/Diploma: Out-sourcing and detailed compliance-testing of OEM developed PCS1900 high-power multi-carrier power amplifiers (NORTEL Networks, Ottawa, Canada, 1996-1999), Institute/Organization: 10000000, Year: NORTEL NETWORKS, Specialization: 1996

Degree/Diploma: Out-sourcing and detailed compliance-testing of OEM developed PCS1900 receive filters (NORTEL Networks, Ottawa, Canada, 1996-1999), Institute/Organization: 10000000, Year: NORTEL NETWORKS, Specialization: 1996

Degree/Diploma: 38GHz high-fidelity link demonstration (Northern Telecom, Limited,Montreal, Canada, 1992-1996), Institute/Organization: 10000000, Year: NORTHERN TELECOM LIMITED, Specialization: 1992

Degree/Diploma: System-Level Testing of a Long-Haul C-band Microwave Radio Using 512-QAM

Modulation Scheme (Northern Telecom, Limited,Montreal, Canada, 1992-1996), Institute/Organization: 60000000, Year: NORTHERN TELECOM LIMITED, Specialization: 1992
Degree/Diploma: Design, build, and test of 3.5GHz-7.0GHz LO Buffer Amplifier using Harris GaAs MMIC foundary (Bell Northern Research, Ottawa,, Ontario, Canada, 1988-1992), Institute/Organization: 20000000, Year: Bell Canada, Specialization: 1988
Degree/Diploma: Design, build, and test of 3.5GHz-7.0GHz LO Buffer Amplifier using Triquint GaAs MMIC foundary (Bell Northern Research, Ottawa,, Ontario, Canada, 1988-1992), Institute/Organization: 20000000, Year: Bell Canada, Specialization: 1988
Degree/Diploma: Design, build, and test of a Control, Linearizing, and Modulating (CLAM) Board for High-Power Multi-Carrier Motorola Power Amplifier at 900MHz (Bell Northern Research, Ottawa,, Ontario, Canada, 1988-1992), Institute/Organization: 20000000, Year: Bell Canada, Specialization: 1988
Degree/Diploma: Design, build, and test of a high-directivity 20-dB directional coupler for L-band applications (Bell Northern Research, Ottawa,, Ontario, Canada, 1988-1992), Institute/Organization: 20000000, Year: Bell Canada, Specialization: 1988
Degree/Diploma: Design, build, and test of a L-band voltage-controlled phase shifter using varactor diodes and branchline coupler (Bell Northern Research, Ottawa,, Ontario, Canada, 1988-1992), Institute/Organization: 20000000, Year: Bell Canada, Specialization: 1988
Degree/Diploma: Design, build, and test of low-loss 12GHz-18GHz Lange coupler (Bolriet Technologies Inc., Carleton Place, Ontario, Canada, 1986-1988), Institute/Organization: 100000000, Year: Bolriet Technologies, Specialization: 1986
Degree/Diploma: Design, build, and test of low-loss fin-line couplers for 26GHz-40GHz frequency band (Bolriet Technologies Inc., Carleton Place, Ontario, Canada, 1986-1988), Institute/Organization: 10000000, Year: Bolriet Technologies, Inc., Specialization: 1986
Degree/Diploma: Design, build, and test of low-loss waveguide metal-insert filters using metallized plastic construction at 94GHz and 65GHz (Bolriet Technologies Inc., Carleton Place, Ontario, Canada, 1986-1988), Institute/Organization: 10000000, Year: Bolriet Technologies, Inc., Specialization: 1986
Degree/Diploma: Design, build, and test of microstrip spurline filter in X-band (Bolriet Technologies Inc., Carleton Place, Ontario, Canada, 1986-1988), Institute/Organization: 10000000, Year: Bolriet Technologies, Inc., Specialization: 1986

Projects:
Project Name: SIGN LANGUAGE TO REGIONAL LANGUAGE CONVERTER, Cost: 4300000, Funding Agency: Department of Science and Technology, Government of India, Duration From: 2019, Duration To: 2021
Project Name: System-Level Testing (including regulatory and complinace testing) of SATCOM transceivers for Inmarsat applications (EMS Technologies, Ottawa,, Ontario, Canada, 1999-2003), Cost: 30000000, Funding Agency: EMS TECHNOLOGIES, Duration From: 1999, Duration To: 2003
Project Name: Out-sourcing, design, build, and test of a 60W Multi-Carrier SATCOM L-band microwave amplifier with high linearity (EMS Technologies, Ottawa,, Ontario, Canada, 1999-2003), Cost: 20000000, Funding Agency: EMS TECHNOLOGIES, Duration From: 1999, Duration To: 2003
Project Name: Design, build, and test of a 12W SATCOM L-band microwave amplifier using Motorola and Ericsson Semi-Conductor devices (EMS Technologies, Ottawa,, Ontario, Canada, 1999-2003), Cost: 20000000, Funding Agency: EMS TECHNOLOGIES, Duration From: 1999, Duration To: 2003
Project Name: Design, build, and test of a L-band highly-linear SATCOM driver amplifier for Inmarsat applications (EMS Technologies, Ottawa,, Ontario, Canada, 1999-2003), Cost: 10000000, Funding Agency: EMS TECHNOLOGIES, Duration From: 1999, Duration To: 2003
Project Name: Design, build, and test of a L-band SATCOM power combiner for Inmarsat applications (EMS Technologies, Ottawa,, Ontario, Canada, 1999-2003), Cost: 10000000, Funding Agency: EMS TECHNOLOGIES, Duration From: 1999, Duration To: 2003
Project Name: 6-GHz Low-Noise Down-Converter Design (NORTEL Networks, Ottawa, Canada, 1996-1999), Cost: 30000000, Funding Agency: NORTEL NETWORKS, Duration From: 1996, Duration To: 1999
Project Name: Out-sourcing and detailed compliance-testing of OEM developed PCS1900 high-power diplexers (NORTEL Networks, Ottawa, Canada, 1996-1999), Cost: 10000000, Funding Agency: NORTEL NETWORKS, Duration From: 1996, Duration To: 1999

Project Name: Out-sourcing and detailed compliance-testing of OEM developed PCS1900 high-power diplexers, receive filters and multi-carrier power amplifiers (NORTEL Networks, Ottawa, Canada, 1996-1999), Cost: 10000000, Funding Agency: NORTEL NETWORKS, Duration From: 1996, Duration To: 1999
Project Name: Out-sourcing and detailed compliance-testing of OEM developed PCS1900 high-power multi-carrier power amplifiers (NORTEL Networks, Ottawa, Canada, 1996-1999), Cost: 10000000, Funding Agency: NORTEL NETWORKS, Duration From: 1996, Duration To: 1999
Project Name: Out-sourcing and detailed compliance-testing of OEM developed PCS1900 receive filters (NORTEL Networks, Ottawa, Canada, 1996-1999), Cost: 10000000, Funding Agency: NORTEL NETWORKS, Duration From: 1996, Duration To: 1999
Project Name: 38GHz high-fidelity link demonstration (Northern Telecom, Limited,Montreal, Canada, 1992-1996), Cost: 10000000, Funding Agency: NORTHERN TELECOM LIMITED, Duration From: 1992, Duration To: 1996
Project Name: System-Level Testing of a Long-Haul C-band Microwave Radio Using 512-QAM Modulation Scheme (Northern Telecom, Limited,Montreal, Canada, 1992-1996), Cost: 60000000, Funding Agency: NORTHERN TELECOM LIMITED, Duration From: 1992, Duration To: 1996
Project Name: Design, build, and test of 3.5GHz-7.0GHz LO Buffer Amplifier using Harris GaAs MMIC foundary (Bell Northern Research, Ottawa,, Ontario, Canada, 1988-1992), Cost: 20000000, Funding Agency: Bell Canada, Duration From: 1988, Duration To: 1992
Project Name: Design, build, and test of 3.5GHz-7.0GHz LO Buffer Amplifier using Triquint GaAs MMIC foundary (Bell Northern Research, Ottawa,, Ontario, Canada, 1988-1992), Cost: 20000000, Funding Agency: Bell Canada, Duration From: 1988, Duration To: 1992
Project Name: Design, build, and test of a Control, Linearizing, and Modulating (CLAM) Board for High-Power Multi-Carrier Motorola Power Amplifier at 900MHz (Bell Northern Research, Ottawa,, Ontario, Canada, 1988-1992), Cost: 20000000, Funding Agency: Bell Canada, Duration From: 1988, Duration To: 1992
Project Name: Design, build, and test of a high-directivity 20-dB directional coupler for L-band applications (Bell Northern Research, Ottawa,, Ontario, Canada, 1988-1992), Cost: 20000000, Funding Agency: Bell Canada, Duration From: 1988, Duration To: 1992
Project Name: Design, build, and test of a L-band voltage-controlled phase shifter using varactor diodes and branchline coupler (Bell Northern Research, Ottawa,, Ontario, Canada, 1988-1992), Cost: 20000000, Funding Agency: Bell Canada, Duration From: 1988, Duration To: 1992
Project Name: Design, build, and test of low-loss 12GHz-18GHz Lange coupler (Bolriet Technologies Inc., Carleton Place, Ontario, Canada, 1986-1988), Cost: 100000000, Funding Agency: Bolriet Technologies, Duration From: 1986, Duration To: 1988
Project Name: Design, build, and test of low-loss fin-line couplers for 26GHz-40GHz frequency band (Bolriet Technologies Inc., Carleton Place, Ontario, Canada, 1986-1988), Cost: 10000000, Funding Agency: Bolriet Technologies, Inc., Duration From: 1986, Duration To: 1988
Project Name: Design, build, and test of low-loss waveguide metal-insert filters using metallized plastic construction at 94GHz and 65GHz (Bolriet Technologies Inc., Carleton Place, Ontario, Canada, 1986-1988), Cost: 10000000, Funding Agency: Bolriet Technologies, Inc., Duration From: 1986, Duration To: 1988
Project Name: Design, build, and test of microstrip spurline filter in X-band (Bolriet Technologies Inc., Carleton Place, Ontario, Canada, 1986-1988), Cost: 10000000, Funding Agency: Bolriet Technologies, Inc., Duration From: 1986, Duration To: 1988

Experience:
Organization: THE LNM INSTITUTE OF INFORMATION TECHNOLOGY JAIPUR, INDIA, Post/Designation: Professor, Duration From: 2005, Duration To: 2023
Organization: NATEL Engineering Co., Inc., California, United States of America, Post/Designation: SENIOR ENGINEER, Duration From: 2004, Duration To: 2005
Organization: Communications Research Centre (CRC), Ottawa, Ontario, Canada, Post/Designation: VISITING RESEARCHER, Duration From: 2003, Duration To: 2004
Organization: EMS Technologies (now Honeywell), Ottawa, Ontario, Canada, Post/Designation: SENIOR RADIO FREQUENCY ENGINEER, Duration From: 1999, Duration To: 2003

Organization: NORTEL Networks, Ottawa, Ontario, Canada, Post/Designation: SENIOR ENGINEER, Duration From: 1996, Duration To: 1999
Organization: Northern Telecom, St. Laurent, Montreal, Canada, Post/Designation: SENIOR ENGINEER, Duration From: 1992, Duration To: 1996
Organization: Bell Northern Research (BNR), Limited, Ottawa, Ontario, Canada, Post/Designation: MEMBER, SCIENTIFIC STAFF (MSS), Duration From: 1988, Duration To: 1992
Organization: Bolriet Technologies, Inc. (BTI), Carleton Place, Ontario, Canada, Post/Designation: RADIO FREQUENCY ENGINEER, Duration From: 1986, Duration To: 1988
Organization: MOTILAL NEHRU REGIONAL ENGINEERING COLLEGE, ALLAHABAD, INDIA, Post/Designation: Lecturer, Duration From: 1984, Duration To: 1984
Organization: BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI, INDIA, Post/Designation: Lecturer, Duration From: 1984, Duration To: 1984
Organization: HARCOURT BUTLER TECHNOLOGICAL INSTITUTE, KANPUR, INDIA, Post/Designation: Lecturer, Duration From: 1978, Duration To: 1978

Publications:
Publication: N/A
Publication: Shreyas Rao and Raghuvir Tomar, "A new MATLAB based microstrip filter design tool,, "International Journal of Wireless and Microwave Technologies (IJWMT), September 2023
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frequency of operation,, " Hybrid microstrip patch antenna for dual frequency of operation, "presented in The 38th Progress In Electromagnetics Research Symposium (PIERS),, May 2017
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Publication: Sanjeev Kumar and Raghuvir Tomar,, " Microwave and Optical Technology Letters, " A dual-band compact printed monopole antenna using multiple rectangle-shaped defected ground structures and cross-shaped feedline, " Microwave and Optical Technology Letters, August 2015
Publication: Luv Tomar, Saurabh Gupta, Raghuvir Tomar, and Prakash Bhartia,, " Design and analysis of low pass microstrip filters using MATLAB,", " Design and analysis of low pass microstrip filters using MATLAB," IEEE International Symposium on Quality Electronic Design, March 2015
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Publication: R. Tomar,W.Li., and R. Young,, “HST-900 Physical Layer Tests :, “H“HST-900 Physical Layer Tests : Transmitted Frequency Spectrum (Inmarsat Type Approval Procedure)”, Internal Report, EMS TechnologiesST-900 Physical Layer Tests : Transmitted Frequency Spectrum (Inmarsat Type Approval Procedure)”, Internal Report, EMS Technologies, November 2002
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Publication: R. Tomar,, “Development Specification for ADT-1000 HPA,, “Development Specification for ADT-1000 HPA,” Internal Document, EMS Technologies (now Honeywell), October 2001
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Email: The LNM Institute of Information Technology
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Summary:
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Personal Information:

Education:
Degree/Diploma: Supervisor of PDF(Dr. Aditi Swami)- “Translation of Dadu Anubhav Vani – the Complete Works of Dadu Dayal: A Probe into the Socio-Lingual and Socio-Cultural Milieu in Contemporary India”, Institute/Organization: 794000, Year: ICSSR, Specialization: 2019

Projects:
Project Name: Supervisor of PDF(Dr. Aditi Swami)- “Translation of Dadu Anubhav Vani – the Complete Works of Dadu Dayal: A Probe into the Socio-Lingual and Socio-Cultural Milieu in Contemporary India”, Cost: 794000, Funding Agency: ICSSR, Duration From: 2019, Duration To: 2021

Experience:
Experience section not found
Publications:
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Publication: , Working Through Commonalities and Differences: Tagore and Gandhi today, National Seminar on Rabindranath Tagore organized by the Sahitya Akademi, New Delhi in association with Central University of Rajasthan and Institute for Research in Interdisciplinary Studies,
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Publication: , Computer Ethics and other Societies: Relevance of ICT for India, in A World for Information Law, Athens, Greece, Proceedings of Second International Seminar on Information Law held in Ionian University, Corfu, Greece from 25-28 June 2009, pp. 49-58 JUN 2009 ,
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Publication: , Soft skill development through incorporation of classical work on educational philosophy in communication skill courses, Soft Skills Development Strategies: Corporate and Academia Perspectives', BITS, Pilani, Rajasthan, 19-20 September 2008. ,
Publication: , Kali Aandhi, Excerpt (in English) of Hindi Novel "Kali Aandhi",

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Research Interests: Cosmology, High Energy Physics, Elementary Particle Physics, Non-equilibrium Physics and Phase Transitions.
Biography: Undergraduate from IIT Kanpur, PhD in Physics from Carnegie Mellon University. Other affiliations include University of California, Santa Barbara and Los Alamos National Laboratory, USA.
Research Area: High Energy Physics, Cosmology

Personal Information:

Education:
Degree/Diploma: Computational Cosmology and Field Theory, Institute/Organization: 1200000, Year: Department of Science and Technology (DST), Govt. of India, Specialization: 2014

Projects:

Project Name: Computational Cosmology and Field Theory, Cost: 1200000, Funding Agency: Department of Science and Technology (DST), Govt. of India, Duration From: 2014, Duration To: 2017

Experience:
Organization: Los Alamos National Laboratory, USA, Post/Designation: N/A, Duration From: 1998, Duration To: 2000
Organization: University of California, Santa Barbara, USA, Post/Designation: N/A, Duration From: 1995, Duration To: 1998

Publications:
Publications section not found Name: Kamal Kishore Khatri
Email: The LNM Institute of Information Technology
Department: Mechanical-Mechatronics Engineering
Summary: Alternate fuels, IC Engines, Cogeneration/Trigeneration, Renewable Energy Engineering, Modeling and Simulation of thermal Systems, smart waste water treatment processes
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technologies through consultancy and technology transfer in the field of renewable energy and waste management. He is the co-founder of start-up companies E-Neuf Energy Pvt. Ltd. Jaipur and E-Neuf Green Solutions Pvt. Ltd. Jaipur.
Research Area: Alternate fuels, Renewable energy, Waste water treatment technologies, Solid waste management, IC Engines, Green charcoal production

Personal Information:

Education:
Degree/Diploma: Development of the green campus in institute campus, Institute/Organization: 500000, Year: MNRE, Specialization: 2016

Projects:
Project Name: Development of the green campus in institute campus, Cost: 500000, Funding Agency: MNRE, Duration From: 2016, Duration To: 2017

Experience:
Organization: The LNM Institute of Information Technology Jaipur, Post/Designation: N/A, Duration From: 2013, Duration To: 2024
Organization: Mody Institute of Technology and Science Lakshmangarh, Post/Designation: N/A, Duration From: 2012, Duration To: 2013

Organization: Pandit Deendayal Petroleum University Gandhinagar, Post/Designation: N/A, Duration From: 2011, Duration To: 2012
Organization: Kautilya Institute of Technology and Engineering Jaipur, Post/Designation: N/A, Duration From: 2007, Duration To: 2011
Organization: YIT Jaipur, Post/Designation: N/A, Duration From: 2006, Duration To: 2007
Organization: JECRC Jodhpur, Post/Designation: N/A, Duration From: 2004, Duration To: 2006
Organization: Stainless Indi Ltd, Tanawara, Post/Designation: N/A, Duration From: 2000, Duration To: 2001
Organization: Surya Roshni Ltd., Bahadurgarh, Post/Designation: N/A, Duration From: 1999, Duration To: 2000

Publications:
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Publication: Ankush K Singh, Kamal Kishore Khatri, Modeling of Biogas operated Trigeneration system, International conference organized by MANIT Bhopal, held during Feb. 4-6, 2016, pp. 397-402, ISBN 978-93-84935-66-5 , February 2016

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Name: Rahul Banerjee
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary: Highest Qualification: PhD (CSE: Intelligent Systems),
Education & Training: Stanford University's Graduate School of Business, BITS Pilani, APSU, AU, MIT Sloan, MACT and SCPD, Stanford University,
Experience: 35+ years (research, teaching, consulting, entrepreneurship, outreach),
Immediate Past Experience: BITS Pilani, Pilani campus (20 years)
Biography: Rahul Banerjee holds a PhD in CSE in the area of Intelligent Systems. He has over 35 years of professional experience in terms of teaching, research, consulting, social entrepreneurship and leadership.

His expertise lies in Computer Networking, Artificial Intelligence, Internet of Things, Wearable Computing, and Human-Computer Interaction. He has collaborated with leading academic and industry partners, such as MIT, University of Oxford, University of Bern, UPM Madrid, Stanford University, Microsoft Research, IBM, Cisco, and Google, and secured funding from various sources, including the European Commission, the Govt. of India, and the Govt. of France. He has also founded two ventures namely, Touch-Lives.org, a social enterprise that develops technology solutions for the underserved and RahulAI, a non-profit venture focusing on using power of AI to address problems in the areas those otherwise seem out of reach for the social good, due to either cost or complexity or both. He is a Fellow of IETE and IE, and a Member of IEEE, ACM, IET, AAAI, ISoc, ISTE, and ISCA.

He has been trained at Stanford University's Graduate School of Business, BITS Pilani, APSU, AU, MIT Sloan, MACT and SCPD, Stanford University. He has published research papers in refereed international journals and conferences of repute, and has a few inventions like ADM and MPMS to his credit. He also holds a Stanford LEAD professional certificate in business administration, management and leadership. He is also a Chartered Engineer. He has served as a Board Member (domain expert category)on two companies' Boards of Governors, has been a member of the Governing Councils of two institutions of higher learning and has been on the panel of advisors of a sustainable technology startup. He has been connected to the entrepreneurial ecosystems via Stanford Angels and Entrepreneurs, MIT Enterprise Forum and PIEDS.

Currently, as the Director of the LNMIIT Jaipur, his mission is to create a culture of excellence and innovation, and to contribute to the advancement of select areas of knowledge that could potentially transform the lives of many. He is passionate about teaching, research, consulting, and societal outreach.

LinkedIn: https://www.linkedin.com/in/rahulcse
Research Area: Computer Networks, ITS, HCI, Wearable Computing, IoT/CPS, AI (Intelligent Systems), Pervasive / Ubiquitous Computing,

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Nitin Singh Rajput, Rahul Banerjee, Dheeraj Sanghi, Gokulakirshnan Santhanam, Kapil Singhal, Swarm intelligence inspired meta-heuristics for solving multi-constraint QoS path problem in vehicular ad hoc network, Ad Hoc Networks, December 2021, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: Nitin Singh Rajput, Rahul Banerjee, Dheeraj Sanghi, Gokulakirshnan Santhanam, Kapil Singhal, Swarm intelligence inspired meta-heuristics for solving multi-constraint QoS path problem in vehicular ad hoc network, Ad Hoc Networks, December 2021
Publication: N/A
Name: Ravi Prakash Gorthi
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Department: Computer Science Engineering
Summary:
Biography: Model Based Software Engineering, Intelligent Software Agents, Human-Computer Interaction, Authoring and Teaching Systems
Research Area:

Personal Information:

Education:
Degree/Diploma: Asset Management System, Institute/Organization: 10000, Year: Naval Research Board, Specialization: 1994
Degree/Diploma: Expert System for Vehicle Launch, Institute/Organization: 1000000, Year: ISRO, Sriharikota, Specialization: 1991
Degree/Diploma: Knowledge Based Computer Systems, Institute/Organization: 5000000, Year: DST of Govt of India, Specialization: 1988

Projects:
Project Name: Asset Management System, Cost: 10000, Funding Agency: Naval Research Board, Duration From: 1994, Duration To: 1995
Project Name: Expert System for Vehicle Launch, Cost: 1000000, Funding Agency: ISRO, Sriharikota, Duration From: 1991, Duration To: 1994
Project Name: Knowledge Based Computer Systems, Cost: 5000000, Funding Agency: DST of Govt of India, Duration From: 1988, Duration To: 1994

Experience:
Organization: The LNM - IIT, Jaipur, Rajasthan, Post/Designation: Prof., Duration From: 2010, Duration To: 2020
Organization: Indian Institute of Technology, Madras, Post/Designation: Prof., Duration From: 1989, Duration To: 1995

Publications:
Publication: N/A
Publication: Aditi Das and Ravi Gorthi, “, “Knowledge Based Routing Protocols in Wireless Sensor Networks”, , Proceedings of the 7th International Conference on Computational Intelligence, Communication Systems and Networks, 3 – 5, June 2015, Riga, Latvia JUN 2015 ,
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Publication: Sweety Ramnani and Ravi Gorthi,, A Model to Incorporate emotional Sensitivity into Human Computer Interactions”, Proceedings of the 2nd International Workshop on Emotion Representations and Modeling in Human-Computer Interaction Systems”, 16 November 2014, Istanbul, Turkey NOV 2014 ,
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Publication: Gorthi Praksh, R ,; Bajpai, V.; Anand, S, “NFPA: A New Model to Estimate Response-Times of Software Applications, in the proceedings of Software Engineering and Applications 2011, Dallas; USA.. DEC 2011 ,
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Name: Vishv Mohan Malhotra
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Summary:
Biography: Computer Science, Software Engineering, Programming
Research Area:

Personal Information:

Education:
Degree/Diploma: Oracle Labs, Brisbane, Australia, Institute/Organization: Visiting Researcher, Year: 2013, Specialization: 2013
Degree/Diploma: Operations Research Group, Sarabhai Chemicals, Baroda, Institute/Organization: Programmer cum System Analyst, Year: 1976, Specialization: 1977

Projects:
Projects section not found
Experience:
Organization: Oracle Labs, Brisbane, Australia, Post/Designation: Visiting Researcher, Duration From: 2013, Duration To: 2013
Organization: Operations Research Group, Sarabhai Chemicals, Baroda, Post/Designation: Programmer cum System Analyst, Duration From: 1976, Duration To: 1977

Publications:
Publication: N/A
Publication: Budi, S, De Souza, P, Timms, G, Susanto, F, Malhotra, V and Turner,, 'Mobile platform sampling for designing environmental sensor networks', Environmental Monitoring and Assessment, vol. 190, no. 3 , pp. 1-15 , doi: 10.1007/s10661-018-6510-0. Abstract: https://eprints.utas.edu.au/29430/ 2018 ,
Publication: N/A
Publication: Oscar Karnalim, Setia Budi,, Sulaeman Santoso, Erico D. Handoyo, Hapnes Toba, Huyen Nguyen, Huyen Nguyen, Vishv Malhotra: FACE - Face At Classroom Environment: Dataset and Exploration. IPTA 2018: 1-6 2018 ,
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Publication: Malhotra, V., Stanton, , Validating inter-object interaction in object-oriented designs Malhotra, 2004 Proceedings of the IASTED International Conference on Modelling, Simulation, and Optimization pp. 241-246 Download: https://eprints.utas.edu.au/54/ 2004,
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Publication: Malhotra, V.M., Kumar, M.P., and Maheshwari, , and Maheshwari, S.N. (1978) An O(|V|3) algorithm for finding maximum flows in networks Information Processing Letters 7(6),, , pp. 277-278 Download: https://eprints.utas.edu.au/160/ 1978 ,

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Summary: Dr. Vikram Sharma is working as Associate Professor in the Mechanical & Mechatronics Engineering Department , LNMIIT, Jaipur
Biography: Dr. Vikram Sharma has over 22 years of experience in teaching, research and administration in Higher educational institute of repute located in the National Capital Region and Jaipur, India. He holds a BE degree in Mechanical Engineering, a ME degree in CAD/CAM and two Ph.D. degrees, one in the field of Automobile Supply Chain Management and another in the field of Lean Manufacturing. He has published several papers in National and International Journals and presented papers in National and International Conferences. He has also authored books on the topics of computer aided design and manufacturing.
Research Area:

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Vikram Sharma, Vikrant Sharma, Om Ji Shukla, Principles and Practices of CAD/CAM, Book, December 2023, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Vikram Sharma, Naveen Virmani and Pawan Arora, , Analysis and Assessment of humanitarian supply chain barriers for disaster and crisis management using hybrid approach, Analysis and Assessment of humanitarian supply chain barriers for disaster and crisis management using hybrid approach, Int. J. of Process Management and Benchmarking, Accepted 2023 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Soumil Mukherjee, Amber Batwara, & Vikram Sharma, “Modelling the Critical Criteria for Leagile Production System using a Hybrid Approach”, “Modelling the Critical Criteria for Leagile Production System using a Hybrid Approach” accepted in Int. J. of Process Management and Benchmarking 2023 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Batwara, Amber; Kumar, Paras; Sharma, Vikram; Makkar, Mohit, Implementation of Lean Manufacturing Tools and Techniques for Waste Reduction in the Fly-ash Bricks Production Process, 12th ICMC 2022 - International Conference on Management Cases, BIMTECH, Greater Noida, India, 1-4, Dec., 2022, Implementation of Lean Manufacturing Tools and Techniques for Waste Reduction in the

Fly-ash Bricks Production Process, 12th ICMC 2022 - International Conference on Management Cases, BIMTECH, Greater Noida, India, 1-4, Dec., 2022 (Published in Case Studies on Management Strategies, Human Resource and Marketing Dimension, Bloomsbury Publication) 2022 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Sudhir Kumar Pathak, Vikram Sharma, Sandesh Chougule, , Prioritization of barriers to the development of renewable energy technologies in India using integrated Modified Delphi and AHP method , in Sustainable Energy Technologies and Assessments, Prioritization of barriers to the development of renewable energy technologies in India using integrated Modified Delphi and AHP method , in Sustainable Energy Technologies and Assessments (IF 5.35) (Accepted) NOV 2021 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Badhotiya GK, Sharma, V, Singh, DB, , Dobriyal, R, Analyzing major determinants that help in diffusion and adoption of solar power systems in India,, Analyzing major determinants that help in diffusion and adoption of solar power systems in India, Materials today: Proceedings, Elsevier, FEB 2021 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Mukherjee, S., Khurana, M., Sharma, V., and Gorthi, R., Analyzing the Enablers to Achieve Agility in Supply Chains, ICAPIE-2021 (6th International Conference on Advanced Production and Industrial Engineering (ICAPIE), DTU, Delhi , June 20-21, 2021 2021, R., Analyzing the Enablers to Achieve Agility in Supply Chains, ICAPIE-2021 (6th International Conference on Advanced Production and Industrial Engineering (ICAPIE), DTU, Delhi , June 20-21, 2021 2021 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Vikrant Sharma, Vikram Sharma & Kritika Karwasra, A decision framework for green manufacturing indicators using fuzzy AHP - ELECTRE I: a case study of the steering system manufacturer, International Journal of Sustainable Engineering, A decision framework for green manufacturing indicators using fuzzy AHP - ELECTRE I: a case study of the steering system manufacturer, International Journal of Sustainable Engineering, DOI: 10.1080/19397038.2021.1970272 2021,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Soumil Mukherjee, Vinay Kumar Bohra, Vikram Sharma Ravi Prakash Gorthi,, A Framework For Leagile Production System Using Analytical Hierarchical Process, International Conference on Progressive Research in Industrial & Mechanical Engineering (PRIME 2021), NIT Patna, 5-7 August, 2021 2021, A Framework For Leagile Production System Using Analytical Hierarchical Process, International Conference on Progressive Research in Industrial & Mechanical Engineering (PRIME 2021), NIT Patna, 5-7 August, 2021 2021,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Pathak, S.K., Karwasra, K., Sharma, V. and Sharma V, Analysis of Barriers to Green Manufacturing Using Hybrid Approach: An Investigatory Case Study on Indian Automotive Industry. Process Integration and Optimization for Sustainability., Analysis of Barriers to Green Manufacturing Using Hybrid Approach: An Investigatory Case Study on Indian Automotive Industry. Process Integration and Optimization for Sustainability,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Vikrant Sharma, B.D. Gidwani, Vikram Sharma, M.L. Meena,, Causal Relationship among Critical Factors for Cellular Manufacturing System Using DEMATEL Approach" Int. J. of Business and Systems Research (Accepted) 2020, Causal Relationship among Critical Factors for Cellular Manufacturing System Using DEMATEL Approach" Int. J. of Business and Systems Research (Accepted) 2020 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Sharma V, Gidwani B.D., Sharma V., Meena M.L, Modeling the interactions among critical criteria of a cellular manufacturing system, IEEE Engineering Management Review, Vol. 49 Iss 1, pp. 148-164 2020, Modeling the interactions among critical criteria of a cellular manufacturing system, IEEE Engineering Management Review, Vol. 49 Iss 1, pp. 148-164 2020 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Sharma, V. and Virmani, N, Development of lean production system using value stream mapping approach, International Journal of Productivity and Quality Management, Vol 30, No 02, pp 168-185 JUN 2020 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Sudhir Kumar Pathak, Vikram Sharma, Sandesh S. Chougule, "Prioritization of renewable energy alternatives using AHP model: A case study of India", "Prioritization of renewable energy alternatives using AHP model: A case study of India" Proceedings of 2nd International conference on Industrial and Manufacturing systems (CIMS-2020), 9-11 October 2020, NIT Jalandhar, India 2020

,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Vikrant Sharma, B.D. Gidwani, Vikram Sharma, M.L. Meena, "Implementation model for cellular manufacturing system using AHP and ANP approach", Benchmarking: An International Journal, JULY 2019 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Virmani, N. and Sharma, V, "Prioritization and Assessment of leagile manufacturing enablers using Interpretive Structural Modeling (ISM) approach", European J. of Industrial Engineering 13(6), 701-722 DEC 2019 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Vikram Sharma and Naveen Virmani , Modeling the Enablers for Implementation of Green Manufacturing in Indian Automobile IndustrY, International Journal of Green Economics,, Modeling the Enablers for Implementation of Green Manufacturing in Indian Automobile IndustrY, International Journal of Green Economics, Vol. 12, No. 1, pp.18–34 MAY 2018 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Tushar Agarwal, Pulkeshian Daruka, Vikram Sharma, "Developing a Hierarchical relation among the Lean criteria for manufacturing sector", UGC national conference on advances in computer integrated manufacturing (NCACIM-III), 18-19 March, 2016, Dept. of production and industrial engineering, MBM engineering college, Jodhpur. 2016, "Developing a Hierarchical relation among the Lean criteria for manufacturing sector", UGC national conference on advances in computer integrated manufacturing (NCACIM-III), 18-19 March, 2016, Dept. of production and industrial engineering, MBM engineering college, Jodhpur. 2016 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Vikram Sharma , Amit Rai Dixit, Mohammed Asim Qadri, "Modeling lean implementation for manufacturing sector", Journal of Modelling in Management, Vol. 11 No. 2, pp. 405-426. MAY 2016 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Projects:
Projects section not found
Experience:
Experience section not found
Publications:
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Name: Somnath Biswas
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Summary:
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Research Area:

Personal Information:

Education:
Degree/Diploma: Detection of biomolecular interactions with TMR based sensing using magnetic nanotags, Institute/Organization: 900000, Year: UGC-DAE Consortium for Scientific Research, Specialization: 2014
Degree/Diploma: Development of high hydrostatic pressure metal foams for hydrogen storage, Institute/Organization: 1356000, Year: Department of Science and Technology (DST), Govt. of India, Specialization: 2013
Degree/Diploma: Development of Ceramics for Intermediate Temperature Solid Oxide Fuel Cell, Institute/Organization: 200000, Year: The LNMIIT, Jaipur, Specialization: 2012
Degree/Diploma: Fabrication and Characterization of Nanocrystalline CdSe based Devices, Institute/Organization: 200000, Year: The LNMIIT, Jaipur, Specialization: 2012
Degree/Diploma: Half-metallic CrO2 based spintronics devices in single-walled carbon nanotube field-effect transistor (SWCNT-FET) configuration, Institute/Organization: 0, Year: Indian Nanoelectronics Users Program (INUP) of Center for Excellence in Nanoelectronics (CEN), IIT Bombay, Specialization: 2012
Degree/Diploma: Development of Novel Magnetic Core-Shell Nanoparticles with Tunable Properties., Institute/Organization: 200000, Year: The LNMIIT, Jaipur, Specialization: 2011
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Projects:
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His research areas are in optical communication, switching, access technologies, telecom protocols, embedded systems and high speed networks. As a member of the Optoelectronics and Optical Communication research group, he works in the area of non-linear optical CDMA networks, free-space optical communication (ground-satellite and inter-satellite) and in ultra-fast optical LSI and fault-tolerant integrated optical switching architectures. His interests also involve formalisms in embedded system design, hardware-software co-design, telecom protocol design and verification tools for telecommunication protocols. He has designed and holds patents in the field of large-scale sensor networks, routing algorithms, macro languages, large scale repository design for sensor data and localization issues in sensor networks.
Research Area: Optics, including photonic circuits, photonic networks, photonic switching, optical communication and opto-electronic subsystems, integrated optical devices, MOEMS, fiber optics, optical sensing, optical phenomena, free-space optical communication and optical effects, Embedded Telecom Systems including sensor networks

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Sanat Sarangi, Jayalakshmi Umadikar, Subrat Kar, Automation of Agriculture Support Systems using Wisekar: Case study of a crop-disease advisory service, Computers and electronics in agriculture,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Degree/Diploma: Prateek Yadav, Subrat Kar, Efficient Content Distribution in Fog-Based CDN: A Joint Optimization Algorithm for Fog-Node Placement and Content Delivery, IEEE Internet of Things Journal,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Bodhibrata Mukhopadhyay, Seshan Srirangarajan, Subrat Kar, Joint Estimation of Location and Transmit Power of Wireless Nodes Using Semidefinite Programming, GLOBECOM 2023-2023 IEEE Global Communications Conference,, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:

Experience section not found
Publications:
Publication: N/A
Publication: Sanat Sarangi, Jayalakshmi Umadikar, Subrat Kar, Automation of Agriculture Support Systems using Wisekar: Case study of a crop-disease advisory service, Computers and electronics in agriculture,
Publication: N/A
Publication: Hemani Kaushal, Georges Kaddoum, Virander Kumar Jain, Subrat Kar, Experimental investigation of optimum beam size for FSO uplink, Optics communications North-Holland,
Publication: N/A
Publication: Prateek Yadav, Subrat Kar, Efficient Content Distribution in Fog-Based CDN: A Joint Optimization Algorithm for Fog-Node Placement and Content Delivery, IEEE Internet of Things Journal,
Publication: N/A
Publication: Bodhibrata Mukhopadhyay, Seshan Srirangarajan, Subrat Kar, Joint Estimation of Location and Transmit Power of Wireless Nodes Using Semidefinite Programming, GLOBECOM 2023-2023 IEEE Global Communications Conference,

Name: Rajeev Shorey
Email: The LNM Institute of Information Technology
Department: Electronics and Communication Engineering
Summary: Prof. Rajeev Shorey, a distinguished figure in Electrical Communications Engineering, holds a Ph.D. from the Indian Institute of Science. With expertise spanning academia and industry, he's a Principal Scientist at TCS Innovation Labs. His contributions in Communication Networks, IoT, Wireless Systems, and Cybersecurity redefine communication technologies through innovative research.
Biography: Prof. Rajeev Shorey, an esteemed scholar in Electrical Communications Engineering, obtained his Ph.D. and M.S. degrees from the Indian Institute of Science, specializing in Communication Networks and Distributed Systems. Graduating with a Bachelor of Engineering in Computer Science & Engineering, his academic journey began in 1987. As a Principal Scientist at TCS Innovation Labs in both Cincinnati, USA, and Bangalore, India, Dr. Shorey leads groundbreaking research. With a wealth of experience spanning various prestigious roles at organizations including Media Lab Asia, NIIT University, General Motors Research, IBM Research, and SASKEN Technologies, his contributions to wireless systems engineering and networking are exemplary.
Research Area: Internet of Things, Industrial Internet of Things, Wireless and Mobile Networks, Pervasive Systems, Performance Modelling & Analysis, Vehicular Networks and VANETs, Automotive Cyber Security, Internet of Things Security, Parallel and Distributed Systems, Data Analytics, Machine Learning and Artificial Intelligence, Discrete Event System Simulation, Stochastic Processes and Queueing Theory

Personal Information:

Education:
Degree/Diploma: International, Institute/Organization: Internet Traffic Analysis Tool, Year: Awarded, Specialization: U. S. Patent # 7,065,482
Degree/Diploma: International, Institute/Organization: Traffic Management in Packet-Based Networks, Year: Awarded, Specialization: U. S. Patent # 6,958,998
Degree/Diploma: International, Institute/Organization: Methodologies for Managing Power Consumption in Master Driven Time Division Duplex Wireless Networks, Year: Awarded, Specialization: U. S. Patent # 6,807,159

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A

Publication: Dipanwita Roychoudhury, Abhijit Das, Debojyoti Bhattacharya, Srinivasan Rajavelu, Rajeev Shorey, Tony Thomas, Authentication schemes for VANETs: A Survey, International Journal of Vehicle Information and Communication Systems (IJVICS),
Publication: N/A
Publication: Sorav Bansal, Rajeev Shorey and Archan Misra, Energy Efficiency and Capacity for TCP Traffic in Multi-Hop Wireless Networks, Journal of Wireless Networks (WINET),
Publication: N/A
Publication: Abhinav Kamra, Huzur Saran, Sandeep Sen and Rajeev Shorey, Fair Adaptive Bandwidth Allocation: A Rate Control Based Active Queue Management Discipline, Journal of Computer Networks (The International Journal of Computer and Telecommunications Networking),
Publication: N/A
Publication: Apurva Kumar, Lakshmi Ramachandran and Rajeev Shorey, Performance of Network Formation and Scheduling Algorithms in the Bluetooth Wireless Ad-hoc Network, Journal of High Speed Networks (JHSN),

Name: Ajit Patel
Email: The LNM Institute of Information Technology
Department: Mathematics
Summary:
Biography: Numerical Analysis, Partial Differential Equations, Numerical Solution to Partial Differential Equations, Finite Difference Methods, Finite Element Methods, Primal Hybrid Methods, Domain Decomposition Method
Research Area:

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: S. K. Acharya, Ajit Patel,, A priori error analysis of the stabilized Lagrange multiplier method for elliptic problems with natural norm,, Journal of Scientific Computing 92 (1), 1-26., July 2021, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: S. K. Acarya, Ajit Pate, Talal Rahman, A priori error analysis of the hp-mortar FEM for parabolic problems, arXiv:1807.08188 math.AP, January 2018, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: S K Acharya, A Patel, Primal hybrid method for parabolic problems, Applied Numerical Mathematics, Applied Numerical Mathematics, 108, 102–115., May 2016, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Ajit Patel, Lagrange multiplier method with penalty for elliptic and parabolic interface problems,, Journal of Applied Mathematics and Computing, 37, 1-2, 37–56, October 2011, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Ajit Patel, A. K. Pani,, Mortar finite element method for parabolic problems, Numerical Methods for Partial Differential Equations, 24, 24, no. 6, 1460–1484,, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A

Publication: S. K. Acharya, Ajit Patel,, A priori error analysis of the stabilized Lagrange multiplier method for elliptic problems with natural norm,, Journal of Scientific Computing 92 (1), 1-26., July 2021
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Publication: Ajit Patel, A. K. Pani,, Mortar finite element method for parabolic problems, Numerical Methods for Partial Differential Equations, 24, 24, no. 6, 1460–1484,

Name: Pratibha Garg
Email: The LNM Institute of Information Technology
Department: Mathematics
Summary:
Biography:
Research Area: Topology and Function Spaces

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: KUNDU, S. and Garg, Pratibha, The Pseudocompact-Open Topology on C(X). Topology Proceedings, Topology Proceedings, 30, 1, 279-299, January 2016, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Degree/Diploma: KUNDU, S. and Garg, Pratibha, Completeness Properties of the Pseudocompact-Open Topology on C(X), Mathematica Slovaca, 58, 3, 325-338., January 2008, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Experience:
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Name: Vikas Gupta
Email: The LNM Institute of Information Technology
Department: Mathematics
Summary:
Biography:
Research Area:

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: with Prabhat Mishra and Ritesh Dubey,, A mesh adaptation algorithm using new monitor and estimator function for discontinuous and layered solution, , Numerical Algebra, Control and Optimization, 2021 (Accepted), July 2021, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Mukesh Kumar & Sunil Kumar,, Higher order numerical scheme for singularly perturbed differential-difference parabolic problems, , Numerical Methods for Partial Differential Equations. 34(1), (2018), 357-380. DOI: 10.1002/num.22203 , August 2018, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Mathematics with Applications, 61 (2011) 1595-1607., June 2011, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Degree/Diploma: Mohan K. Kadalbajoo and Ashish Awasthi, A uniformly convergent B-spline collocation method on a nonuniform mesh for singularly perturbed one-dimensional time-dependent linear convection-diffusion problem”, Journal of Computational and Applied Mathematics, 220 (2008) 271-289, March 2008, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: M.K. Kadalbajoo, Qualitative analysis and numerical solution of Burgers’ equation via B-spline collocation with implicit Euler method on piecewise uniform mesh, Journal of Numerical Mathematics, 24(2) (2016) 73-94,, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: with Prabhat Mishra and Ritesh Dubey,, A mesh adaptation algorithm using new monitor and estimator function for discontinuous and layered solution, , Numerical Algebra, Control and Optimization, 2021 (Accepted), July 2021
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Publication: N/A
Publication: Ritesh Kumar & Mohan K. Kadalbajoo, A parameter robust hybrid finite difference scheme for singularly perturbed parabolic problem with two small parameters”, International Journal of Computer Mathematics, 96(3), (2019), 474-499, DOI: https://doi.org/10.1080/00207160.2018.1432856 , June 2019
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Publication: Ritesh Kumar and Biswarup Biswas, Local maximum principle satisfying high order non-oscillatory schemes, , International Journal for Numerical Methods in Fluids. 81(11), (2016) 689-715, DOI: 10.1002/d.4202, February 2016
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Publication: with Mohan K. Kadalbajoo, “A layer adaptive B-spline collocation method for singularly perturbed one dimensional parabolic problem with a boundary turning point”, Numerical Methods for Partial Differential Equations, 27 (2011) 1143-1164, March 2011
Publication: with Sanjay K. Sahoo, Journal, "Second-order parameter-uniform finite difference scheme for singularly perturbed parabolic problem with a boundary turning point,, Difference Equations and Applications, 27(2) (2021), 223-240. DOI: 10.1080/10236198.2021.1887157, February 2011
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Publication: Mohan K. Kadalbajoo, Hybrid finite difference methods for solving modified Burgers and Burgers-Huxley equations, Neural Parallel and Scientific Computations, 18 (2010) 409-422. , September 2010
Publication: Mohan K. Kadalbajoo,, “B-spline collocation method for solving singularly perturbed turning point problem having twin boundary layers”,, , International Journal of Computer Mathematics, 87 (2010) 3218-3235, August 2010
Publication: Mohan K. Kadalbajoo, Numerical approximation of modified Burgers’ equation via hybrid finite difference scheme on layer-adaptive mesh”, Neural Parallel and Scientific Computations, 18 (2010) 167-194, April 2010
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Publication: Mohan K. Kadalbajoo and Ashish Awasthi, A uniformly convergent B-spline collocation method on a nonuniform mesh for singularly perturbed one-dimensional time-dependent linear convection-diffusion problem”, Journal of Computational and Applied Mathematics, 220 (2008) 271-289, March 2008
Publication: M.K. Kadalbajoo, Qualitative analysis and numerical solution of Burgers’ equation via B-spline collocation with implicit Euler method on piecewise uniform mesh, Journal of Numerical Mathematics, 24(2) (2016) 73-94,

Name: Ashok Garai
Email: The LNM Institute of Information Technology
Department: Physics
Summary: Statistical Mechanics and its application to biological systems, Theoretical and Computational Biophysics, molecular motors, genetic motifs, single molecule biophysics, DNA Nano-mechanics.
Biography: Statistical Mechanics and its application to biological systems, Theoretical and Computational Biophysics, molecular motors, genetic motifs, single molecule biophysics, DNA Nano-mechanics.
Research Area: I am a theoretical and computational biophysicist deeply committed to interdisciplinary research. My expertise and research interests primarily revolve around theoretical and computational biophysics. Throughout my career, I have delved into diverse areas such as molecular motor transport and traffic, the creation of stochastic models for genetic networks, theoretical frameworks for single-molecule biophysics, and the mechanics of DNA nanotechnology. My approach involves crafting quantitative theoretical models to decipher the workings of active biological processes, which I then validate through simulations. Looking ahead, I aspire to explore broader challenges in statistical physics, with a particular emphasis on their applications within the realm of biology.

Personal Information:

Education:
Degree/Diploma: Description: The project involves the study of nanomechanics of DNA and DNA-protein interactions through the concept of various theoretical models of polymer physics and molecular simulations., Institute/Organization: 2665000, Year: SERB, DST, Government of India, Specialization: 2018

Projects:
Project Name: Description: The project involves the study of nanomechanics of DNA and DNA-protein interactions through the concept of various theoretical models of polymer physics and molecular simulations., Cost: 2665000, Funding Agency: SERB, DST, Government of India, Duration From: 2018, Duration To: 2021

Experience:
Experience section not found
Publications:
Publication: N/A
Publication: A. Garai, D. Ghoshdastidar, S. Senapati, and P. K. Maiti, Ionic liquids make DNA rigid", J. Chem. Physics (AIP, USA), 149, 045104 JULY 2018 ,
Publication: N/A
Publication: Ashok Garai, Santosh Mogurampelly, Saientan Bag, Prabal K. Maiti, , Overstretching of B-DNA with various pulling protocols: Appearance of structural polymorphism and S-DNA, Journal of Chemical Physics (AIP, USA), 147, 225102. DEC 2017 ,
Publication: N/A
Publication: A. Garai, S. Saurabh, Y. Lansac, and P. K. Maiti, DNA elasticity from short DNA to nucleosomal DNA, J. Phys. Chem. B (ACS, USA), 119, 11146 2015,
Publication: N/A
Publication: A. Garai, Y. Zhang, and O. K. Dudko, “Conformational dynamics through an intermediate”, J. Chem. Phys. (AIP, USA), 140, 135101 2014 ,
Publication: A. Garai, J. Mani, and D. Chowdhury, "Footprint traversal by adenosine-triphosphate-dependent chromatin remodeler motor",, Physical Review E (APS, USA), vol. 85, 041902 2013 ,
Publication: 7 A. Garai, B. Waclaw, H. Nagel, and H. Meyer- Ortmanns,, Stochastic description of a bistable frustrated uni, J. Stat. Mech.: Theory and Experiment, P01009 2012 ,
Publication: A. Garai, and D. Chowdhury, Stochastic kinetics of a single-headed motor protein: Dwell time distribution of KIF1A, Europhysics Letters, 93, 58004 2011 ,

Name: Manish Garg
Email: The LNM Institute of Information Technology
Department: Mathematics
Summary: Currently, I am working as an Associate Professor at the Department of Mathematics, The LNM Institute of Information Technology, Jaipur. My research area is Cryptography, studying cryptographic properties of a Boolean function, Lattice-based cryptography, and finite field. I teach UG, PG, and Ph.D. courses like Mathematics-1, Probability and Statistics, Algebra, Linear Algebra, Optimization, Operation Research, Complex Analysis, Graph Theory, and Topics in Algebra.
Biography:
Research Area: Cryptography, Boolean Function, Lattice-based Cryptography, Finite Field

Personal Information:

Education:
Degree/Diploma: The LNMIIT (Deemed University), Jaipur, Rajasthan, Institute/Organization: Associate Professor, Year: 2020, Specialization: 2024
Degree/Diploma: Jaypee University of Engg. and Technology, Guna, M.P, Institute/Organization: Assistant Professor, Year: 2013, Specialization: 2013
Degree/Diploma: The LNMIIT (Deemed University), Jaipur, Rajasthan, Institute/Organization: Assistant

Professor, Year: 2013, Specialization: 2020
Degree/Diploma: Ajay Kumar Garg Engg. College, (MTU),Ghaziabad, Uttar Pardesh,
Institute/Organization: Assistant Professor, Year: 2012, Specialization: 2013

Projects:
Projects section not found
Experience:
Organization: The LNMIIT (Deemed University), Jaipur, Rajasthan, Post/Designation: Associate Professor, Duration From: 2020, Duration To: 2024
Organization: Jaypee University of Engg. and Technology, Guna, M.P, Post/Designation: Assistant Professor, Duration From: 2013, Duration To: 2013
Organization: The LNMIIT (Deemed University), Jaipur, Rajasthan, Post/Designation: Assistant Professor, Duration From: 2013, Duration To: 2020
Organization: Ajay Kumar Garg Engg. College, (MTU),Ghaziabad, Uttar Pardesh, Post/Designation: Assistant Professor, Duration From: 2012, Duration To: 2013

Publications:
Publication: N/A
Publication: Kezia Saini and Manish Garg , "On the higher-order nonlinearity of a new class of biquadratic Maiorana-McFarland type bent functions, Applicable Algebra in Engineering, Communication, and Computing(AMC), Springer, Accepted, Impact Factor-0.693, 2023. MAY 2023 IndexedIn : [Scopus,WoS],
Publication: N/A
Publication: Uddeshaya Kumar, and Manish Garg, “Ring learning with error based Signal Leakage attack resilience Authenticated Key Exchange”,, nternational Conference on Mathematical Analysis and Applications & 50th Annual Conference of Odisha Mathematical Society (OMS), January 21-22, 2023, Institute of Mathematics and Applications, Bhubaneswar, Odisha. JAN 2023 ,
Publication: N/A
Publication: Uddeshaya Kumar, and Manish Garg, An efficient Three-Party Authenticated Key Exchange scheme based on elliptic curve cryptography”, International Conference on Innovation and Research in Science & Technology for Sustainable Development, May 25-26, 2023, School of Science, OP Jindal University, Raigarh. MAY 2023 ,
Publication: N/A
Publication: Uddeshaya Kumar, and Manish Garg,, “Three-party Chaotic-map based Authenticated Key Agreement Protocol”, 2nd International Conference On Recent Advances in Mathematical Sciences and Interdisciplinary Areas (RAMSIA-2023), June 22-24, 2023, Organised By Department of Mathematics, Institute of Applied Sciences and Humanities, GLA University, Mathura JUN 2023 ,
Publication: Uddeshaya Kumar, Yogesh Pal, Perla Sai Nikhil, Manish Garg, M. Ranjith Kumar and Dharminder Chaudhary,, “A Construction of Three Party Post Quantum Secure Authenticated Key Exchange for Mobile Users”,, The 14th International conference on computing, 13 communication and networking technologies (ICCCNT 2023), July 6th - 8th, 2023, IIT - Delhi, Delhi India. JULY 2023 ,
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Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Akshat Srivastava Kulshrestha, Ashok Kumar Dargar, Deepak Rajendra Unune, Selection of Process Parameters and their Machine levels for Electro Discharge Face Grinding of D2 Steel, Selection of Process Parameters and their Machine levels for Electro Discharge Face Grinding of D2 Steel ” International conference (ICoIED 2020) organized during Jan 18-20, 2020 by NIT Uttarakhand

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Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: Akshat Srivastava Kulshrestha, Ashok Kumar Dargar, Deepak Rajendra Unune, Selection of Process Parameters and their Machine levels for Electro Discharge Face Grinding of D2 Steel, Selection of Process Parameters and their Machine levels for Electro Discharge Face Grinding of D2 Steel ” International conference (ICoIED 2020) organized during Jan 18-20, 2020 by NIT Uttarakhand in Dehradun (India)., February 2020
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Publication House: Scientific Engineering Research Corporation, India, December 2009
Publication: Dr. Ashok dargar , Dr. Hasan Ali , R.A. Khan, Identification of Isomorphism among Kinematic Chains and Inversions using Link Adjacency Values, International Journal of Mechanical and Materials Engineering (IJMME), Vol. 4, No. 3, pp. 309-315, 2009. Publication House: University of Malaya, Malaysia indexed by Scopus, (ISSN 1823-0334). , December 2009
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Publications:
Publication: N/A
Publication: Tejendra Singh Singhal, Jinesh Kumar Jain, Manoj Kumar & Rajeev Agrawal, A Comparative Study of Weld Bead Geometry of AISI 1023 with Varying Plate Width Using SAW and ASAW, Part of the Lecture Notes in Mechanical Engineering book series (LNME), Editors: José Machado, Filomena Soares, Justyna Trojanowska, Erika Ottaviano, Petr Valášek, Mallikarjuna Reddy D., Eduardo André Perondi, Yevheniia Basova, Online ISBN 978-3-031-09382-1 JAN 2023 ,
Publication: N/A
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and Technology (REDSET 2015), ISBN 978-93-84869-85-4, PP. 241-245. OCT 2015 ,

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Degree/Diploma: , The Mediating Effect of Smartphone Addiction on the Relationship Between Social Skills and Psychological Well-Being. In: Stephanidis C., Antona M., Ntoa S. (eds) HCI International 2021 - Posters. HCII 2021. Communications in Computer and Information Science, vol 1421. Springer, Cham., The Mediating Effect of Smartphone Addiction on the Relationship Between Social Skills and Psychological Well-Being. In: Stephanidis C., Antona M., Ntoa S. (eds) HCI International 2021 - Posters. HCII 2021. Communications in Computer and Information Science, vol 1421. Springer, Cham. ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Awarded with Marie Skłodowska-Curie Actions Individual Fellowship and invited for 2 years of research work at the University of Sheffield.
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Publication summary: International Journals 40+; International Conferences: 20+
Research Area: Advanced Machining, electrical discharge machining, Micro-machining, hybrid machining

processes, finishing processes, Submerged arc welding, Coating of Titanium Implants.
Key Skills: Project Management, Research aptitude, Teaching is my passion, CNC programming and machining

Biography: Dr. Deepak Rajendra Unune is an Assistant Professor within the Department of Mechanical-Mechatronics Engineering at The LNM Institute Information of Technology, Jaipur, India. With a strong academic background, he obtained his Ph.D. from the Malaviya National Institute of Technology, Jaipur, India, in 2016, specializing in the field of manufacturing engineering.

Dr. Unune's academic journey has been marked by significant achievements and international recognition. Notably, he was awarded the prestigious Marie Skłodowska-Curie Actions Individual Fellowship from European Commision, which afforded him the opportunity to conduct groundbreaking research at the University of Sheffield, UK from 2019 to 2021. His research contributions during this period have significantly enriched the field of mechanical engineering perticulary in machining technologies.

With over 13 years of teaching and research experience, Dr. Unune has emerged as a distinguished scholar in his field. His expertise spans a wide range of areas, including CNC machining, micro-machining processes, electro-discharge machining (EDM), micro-EDM, hybrid machining processes, and submerged arc welding. He has authored and co-authored over 60 research publications in reputable peer-reviewed journals and conferences and also authored 7 book chapters. He has received more than 1100 google scholar citations with 21 h-index thereby cementing his reputation as a prolific researcher and academician.

Dr. Unune's passion for advancing knowledge and innovation in mechanical engineering is evident in his dedication to teaching, research, and scholarly activities. His commitment to excellence and his contributions to the academic community continue to inspire both students and fellow researchers alike.

Research Area: Electrical Discharge Machining, CNC machining, Welding, SAW, Additive manufacturing, Hybrid machining, Vehicle dynamics

Personal Information:

Education:
Degree/Diploma: EDiMPlant- Marie Curie Individual Fellowship, Institute/Organization: 20000000, Year: RESEARCH EXEXUTIVE COMMITTEE - European Commission, Specialization: 2019
Degree/Diploma: Fabrication and finishing of micro-channels for micro-heat exchangers and micro-reactors (EMR/2016/003372), SERB under Extra Mural Research funding (EMR) scheme., Institute/Organization: 4492000, Year: DST, Specialization: 2017

Projects:
Project Name: EDiMPlant- Marie Curie Individual Fellowship, Cost: 20000000, Funding Agency: RESEARCH EXEXUTIVE COMMITTEE - European Commission, Duration From: 2019, Duration To: 2021
Project Name: Fabrication and finishing of micro-channels for micro-heat exchangers and micro-reactors (EMR/2016/003372), SERB under Extra Mural Research funding (EMR) scheme., Cost: 4492000, Funding Agency: DST, Duration From: 2017, Duration To: 2020

Experience:
Organization: University of Sheffield, UK, Post/Designation: Marie-Curie Fellow, Duration From: 2019, Duration To: 2021
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Organization: Bharat Forge Ltd. Pune, Post/Designation: N/A, Duration From: 2007, Duration To: 2008

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Publication: D.R. Unune and H.S. Mali, “Current status and applications of hybrid-micro-machining processes: A review”, Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, Vol.229, No. 10, pp.1681-1693. https://doi.org/10.1177/0954405414546141 (SAGE, SCI-Indexed, Impact factor:1.366) MAR 2015 IndexedIn : [WoS] DOI : 10.1177/0954405414546141,

Name: Usha Kanoongo
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Department: Humanities and Social Sciences
Summary:
Biography:
Research Area:

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , The pragmatics of translanguaging in Indian social media. Paper presented at the 17th International Pragmatics Conference organized by Zurich University of Applied Sciences, Switzerland., The pragmatics of translanguaging in Indian social media. Paper presented at the 17th International Pragmatics Conference organized by Zurich University of Applied Sciences, Switzerland. ,,

Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Languaging online: Examining Romanagari as a contact phenomenon in Indian cyberspace accepted for presentation at the 35th Round-table of the South Asian Language Analysis (SALA) at the Institut national des langues et civilisations orientales (INALCO), Paris, Languaging online: Examining Romanagari as a contact phenomenon in Indian cyberspace accepted for presentation at the 35th Round-table of the South Asian Language Analysis (SALA) at the Institut national des langues et civilisations orientales (INALCO), Paris OCT 2019 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Ethnographic perspective on linguistic hybridity in Indian WhatsApp group-chats presented at the Ethnography, Language and Communication (EELC) Conference at the University of Edinburgh, UK., Ethnographic perspective on linguistic hybridity in Indian WhatsApp group-chats presented at the Ethnography, Language and Communication (EELC) Conference at the University of Edinburgh, UK. SEPT 201,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Fostering Sociolinguistics for Cultural Awareness in ESL Classrooms. Paper presented at the Fourth International Conference of ELT@I (English Language Teacher's Association of India at Kanoria College, Jaipur OCT 2017, Fostering Sociolinguistics for Cultural Awareness in ESL Classrooms. Paper presented at the Fourth International Conference of ELT@I (English Language Teacher's Association of India at Kanoria College, Jaipur OCT 2017 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , The pragmatics of linguistic hybridity online: Examining Romanagari on WhatsApp by Indian university students. Paper presented at the 50th Annual Meeting of the British Association of Applied Linguistics (BAAL) at the University of Leeds, UK. SEPT 2017, The pragmatics of linguistic hybridity online: Examining Romanagari on WhatsApp by Indian university students. Paper presented at the 50th Annual Meeting of the British Association of Applied Linguistics (BAAL) at the University of Leeds, UK. SEPT 2017 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Pragmatic Consciousness Raising in Business Communication Classrooms: A 4-I Pedagogic Model. Paper accepted for the 82nd Annual International Conference in Dun Laoghaire, Dublin, Ireland, Pragmatic Consciousness Raising in Business Communication Classrooms: A 4-I Pedagogic Model. Paper accepted for the 82nd Annual International Conference in Dun Laoghaire, Dublin, Ireland OCT 2017 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Promoting Pragmatic Perceptiveness of ESL Learners: A 4I Model. In S. Arora (Ed.) English from Classes to Masses. Cambridge Scholars Publishing: Newcastle, UK (12-21). ISBN (13): 978-1-4438-9772-3, Promoting Pragmatic Perceptiveness of ESL Learners: A 4I Model. In S. Arora (Ed.) English from Classes to Masses. Cambridge Scholars Publishing: Newcastle, UK (12-21). ISBN (13): 978-1-4438-9772-3 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Projects:

Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
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Email: The LNM Institute of Information Technology
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Summary:
Biography:
Research Area: Robotics, Modeling and simulation of complex systems, Automation

Personal Information:

Education:
Degree/Diploma: Design and development of Sanitization tunnel, Institute/Organization: 50000, Year: Unnat Bharat Abhiyan, Specialization: 2021

Projects:
Project Name: Design and development of Sanitization tunnel, Cost: 50000, Funding Agency: Unnat Bharat Abhiyan, Duration From: 2021, Duration To: 2021

Experience:
Organization: UPES Dehradun, Post/Designation: N/A, Duration From: 2016, Duration To: 2016
Organization: Bubeck Technologies, Post/Designation: N/A, Duration From: 2015, Duration To: 2016

Publications:
Publication: N/A
Publication: Jain, S., Jain, S. & Makkar, M, Non-linear Modelling and Control of Self-Balancing Human Transporter, DSTA 2019: Perspectives in Dynamical Systems II: Mathematical and Numerical Approaches pp 1–16, May 2021
Publication: N/A
Publication: Jain, S., Makkar, M. et al, Modeling and Nonlinear Control of Two-Wheeled Self-Balancing Human Transporter, n Journal of Applied non-linear dynamics, June 2020
Publication: N/A
Publication: , Passivity Based Model and adaptive control of continuous bioreactors, Book chapter in Advances in Stability and Control Theory for Uncertain Dynamical Systems Stability, Oscillations and Optimization of Systems, May 2020
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Publication: Makkar, M. & Dieulot, J.-Y, Bond graph model and Port-Hamiltonian formulation of an enzymatic reaction in a CSTR, 2nd International Conference on Systems and Computer Science (ICSCS), July 2013

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Summary:
Biography:
Research Area: Postcolonial Studies; Decoloniality; Ethnic Conflict; Literature of the Indian Subcontinent (South Asia); Literature of the Caribbean/African Diaspora; Adaptation Studies/Film Studies

Personal Information:

Education:
Degree/Diploma: Tracing the Faultlines of Ethnic Conflict in Postcolonial Indian Subcontinent: Narrative as a Socio-Political Discourse, Institute/Organization: 800000, Year: Indian Council of Social Science Research (ICSSR), Specialization: 2014

Projects:
Project Name: Tracing the Faultlines of Ethnic Conflict in Postcolonial Indian Subcontinent: Narrative as a Socio-Political Discourse, Cost: 800000, Funding Agency: Indian Council of Social Science Research (ICSSR), Duration From: 2014, Duration To: 2016

Experience:
Experience section not found
Publications:
Publication: N/A
Publication: Kumar, Narendra, Cartographies of Identities in Postcolonial Pakistan: Kamila Shamshie’s Kartography, The International Lincoln Centre for American Studies, Louisiana State University, USA, and Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata on “Global South Cultural Production and Dialogue.” DEC 2019 ,
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and Culture,' held at the Department of English,,
Publication: , Reconstructing Transformation: Identity and Cultural Crossings in Mike Phillips' London Crossings: A Biography of Black Britain, Telling Lives: Formations and Reflections in Diverse Narrative Traditions held at the Department of English, University of Rajasthan, Jaipur,
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Name: Name not found
Email: The LNM Institute of Information Technology
Department: Department not found
Summary:
Biography:
Research Area:

Personal Information:

Education:
Education section not found
Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publications section not found Name: Sunil Kumar
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:
Biography:
Research Area:

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , A latency simulator for many-core systems, In Proceedings of the 44th Annual Simulation Symposium (ANSS '11). Society for Computer Simulation International, San Diego, CA, USA, 151-158. 2011 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Information and Communication Technologies for Consolidating Democracy, A Case Study from India'. In Proceedings of the Tenth International Conference ETHICOMP, University of Pavia, Mantua, Italy,Ed T W Bynum, 496-502 2008 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
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Publications:
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from India'. In Proceedings of the Tenth International Conference ETHICOMP, University of Pavia, Mantua, Italy,Ed T W Bynum, 496-502 2008 ,
Publication: N/A

Name: Preety Singh
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:
Biography: Image Processing, Pattern Recognition, Machine Learning, Deep Learning, Video Analytics, Adversarial Learning
Research Area: Deep Learning, Pattern Recognition, Multimedia Processing, Adversarial Networks

Personal Information:

Education:
Degree/Diploma: LNMIIT, Jaipur, Institute/Organization: , Year: 2012, Specialization: 2024
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Degree/Diploma: Precision Rollers & Bearings, Institute/Organization: , Year: 1992, Specialization: 2005

Projects:
Projects section not found
Experience:
Organization: LNMIIT, Jaipur, Post/Designation: , Duration From: 2012, Duration To: 2024
Organization: BMIT, Jaipur, Post/Designation: Dean, Student Affairs, Duration From: 2006, Duration To: 2009
Organization: Precision Rollers & Bearings, Post/Designation: , Duration From: 1992, Duration To: 2005

Publications:
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Publication: Preety Singh, , FPGA: Architecture and Performance Comparison,, ISTE 4th National Conference on Innovative Developments in Engineering Applications, Sangrur, India, pp.5-8 APRIL 2008 ,

Name: Subrat Kumar Dash
Email: The LNM Institute of Information Technology
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Summary:
Biography: Data Mining, System Security, Behavior Modelling
Research Area: Data Mining, System Security, Behavior Modelling

Personal Information:

Education:
Education section not found
Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: Ranveer Katyal, Manohar Kuse, Subrat Kumar Dash, HEp-2 Cell Classification Using Multilevel Wavelet Decomposition", IEEE Region 10 Technical Symposium (TENSYMP 2014), 14-16 April 2014, Kuala Lumpur, Malaysia, pp.151-154 APRIL 2014, HEp-2 Cell Classification Using Multilevel Wavelet Decomposition", IEEE Region 10 Technical Symposium (TENSYMP 2014), 14-16 April 2014, Kuala Lumpur, Malaysia, pp.151-154 APRIL 2014 ,
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Name: Kusum Lata
Email: The LNM Institute of Information Technology
Department: Electronics and Communication Engineering
Summary: Kusum Lata is a faculty member in the department of ECE and working in the domain on VLSI Design, and now a days focuses on Hardware Accelerator Design for AI and Hardware Security.
Biography: Kusum Lata, a Senior Member of IEEE and ACM, holds a master’s degree from

IIT Roorkee (2003) and a Ph.D. from IISc Bangalore (2010). During her Ph.D., she interned at Intel India Pvt Ltd, receiving the "Spontaneous Recognition Award." She served as a Lecturer at IIIT-A for three years and currently works as an Associate Professor at LNMIIT, Jaipur. Previously, she was an Assistant Professor at LNMIIT. She received the "Outstanding Research Paper Award" at ASQED-2009. Her research focuses on FPGA-based designs, hardware accelerators for AI, cryptographic algorithms, and hardware security.

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Education:
Degree/Diploma: Indian Institute of Information Technology, Allahabad (IIIT-A), Institute/Organization: Lecturer, Year: 2010, Specialization: 2013
Degree/Diploma: Intel India Pvt. Ltd. Bangalore, Institute/Organization: Semester Long Research Intern, Year: 2005, Specialization: 2005

Projects:
Projects section not found
Experience:
Organization: Indian Institute of Information Technology, Allahabad (IIIT-A), Post/Designation: Lecturer, Duration From: 2010, Duration To: 2013
Organization: Intel India Pvt. Ltd. Bangalore, Post/Designation: Semester Long Research Intern, Duration From: 2005, Duration To: 2005

Publications:
Publication: N/A
Publication: Chhabra, S, Lata, K, . Hardware obfuscation of AES IP core using combinational hardware Trojan circuit for secure data transmission in IoT applications. Concurrency Computat Pract Exper. 2022; 34( 21):e7058. MAY 2022, . Hardware obfuscation of AES IP core using combinational hardware Trojan circuit for secure data transmission in IoT applications. Concurrency Computat Pract Exper. 2022; 34( 21):e7058. MAY 2022 ,
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Publication: Chhabra, S., Lata, K, Hardware Obfuscation of AES IP Core Using PUFs and PRNG: A Secure Cryptographic Key Generation Solution for Internet-of-Things Applications. SN COMPUT. SCI. 3, 303 (2022) MAY 2022, Hardware Obfuscation of AES IP Core Using PUFs and PRNG: A Secure Cryptographic Key Generation Solution for Internet-of-Things Applications. SN COMPUT. SCI. 3, 303 (2022) MAY 2022 IndexedIn : [Scopus] DOI : https://doi.org/10.1007/s42979-022-01194-x,
Publication: N/A
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Publication: N/A
Publication: K. Lata, S. Chhabra and S. Saini, "Hardware–Software Co-Design Framework for Data Encryption in Image Processing Systems for the Internet of Things Environment,", "Hardware–Software Co-Design Framework for Data Encryption in Image Processing Systems for the Internet of Things Environment," in IEEE Consumer Electronics Magazine, vol. 11, no. 4, pp. 92-97. SEPT 2021 IndexedIn : [WoS] DOI : doi: 10.1109/MCE.2021.3115999.,
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Publication: Surbhi Chhabra, Vishakha Dhanwani, Vikas Kumar Dhaka and Kusum Lata,, "Design and Analysis of Secure One-way Functions for the Protection of Symmetric Key Cryptosystems", "Design and Analysis of Secure One-way Functions for the Protection of Symmetric Key Cryptosystems" 24th International Symposium on VLSI Design and Test, July 23-25, 2020, IIT Bhubaneswar, Odisha, India JULY 2020 ,
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Publication: Mohita Jaiswal and Kusum Lata , "Hardware Implementation of Text Encryption using Elliptic Curve Cryptography over 192 bit Prime Field", "Hardware Implementation of Text Encryption using Elliptic Curve Cryptography over 192 bit Prime Field" in the IEEE 7th International Conference on Advances in Computing, Communication and Informatics (ICACCI-2018), September 19-22, 2018, Bangalore, India. SEPT 2018 ,
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Publication: Surbhi Chhabra and Kusum Lata,, "Hardware Software Co-simulation of Obfuscated 128-bit AES Algorithm for Image Processing Applications,“, "Hardware Software Co-simulation of Obfuscated 128-bit AES Algorithm for Image Processing Applications,“ IEEE 4th International Symposium on Smart Electronic Systems ( iSES 2018 ), December 17-19, Hyderabad, 2018. DEC 2018 ,
Publication: Priyanka Gupta, Sandeep Saini, Kusum Lata, " Securing QR codes by RSA on FPGA", " Securing QR codes by RSA on FPGA" in IEEE 6th International Conference on Advances in Computing, Communications and Informatics (ICACCI - 2017) to be held in Manipal University, Karnatka, India, 13-16 September, 2017. SEPT 2017 ,
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Publication: Ayushparth Sharma and Kusum Lata,, "Analysis of AES Cryptosystem in the Existence of Hardware Trojan", "Analysis of AES Cryptosystem in the Existence of Hardware Trojan" in IEEE 6th International Conference on Advances in Computing, Communications and Informatics (ICACCI - 2017) to be held in Manipal University, Karnatka, India, 13-16 September, 2017. SEPT 2017 ,
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Name: Bharavi Mishra
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Summary:
Biography:
Research Area:

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Mishra, Bharavi, et al, "Privacy Protection Framework for Android.", "Privacy Protection Framework for Android." IEEE Access (2022). 2022 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Degree/Diploma: Bharavi Mishra, K.K. Shukla, "Data Mining Techniques for Software Quality Prediction", Book- Designing, Engineering, and Analyzing Reliable and Efficient Software, IGI Global Publication. 2013 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Degree/Diploma: Bharavi Mishra, K.K. Shukla, "Impact of Attribute Selection on Defect Proneness Prediction in OO Software", In Proceedings of IEEE , International Conference on Computer & Communication Technology (ICCCT)-, ISBN-978-1-4577-1383-5,pp-367-372 SEPT 2011 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Bharavi Mishra, K.K. Shukla , "Support Vector Machine Based Fuzzy Classification Model for Software Fault Prediction", "Support Vector Machine Based Fuzzy Classification Model for Software Fault Prediction".Proceedings of the 5th Indian International Conference on Artificial Intelligence, IICAI 2011 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: Mishra, Bharavi, et al, "Privacy Protection Framework for Android.", "Privacy Protection Framework for Android." IEEE Access (2022). 2022 ,
Publication: N/A
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Degree/Diploma: LNMIIT, Jaipur, Institute/Organization: Assistant Professor, Year: 2012, Specialization:

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Degree/Diploma: VIT, Jaipur, Institute/Organization: Reader, Year: 2012, Specialization: 2012
Degree/Diploma: Swami Keshwanand Institute of Technology, Jaipur, Institute/Organization: Sr. Lecturer, Year: 2002, Specialization: 2009
Degree/Diploma: Asian CERC Information Technology Ltd., at MNIT, Jaipur, Institute/Organization: Software Engineer, Year: 2000, Specialization: 2002
Degree/Diploma: Compucom Software Ltd, Jaipur, Institute/Organization: Software Engineer, Year: 1999, Specialization: 2000
Degree/Diploma: CDAC Jaipur, Institute/Organization: Project Engineer, Year: 1999, Specialization: 1999

Projects:
Projects section not found
Experience:
Organization: LNMIIT, Jaipur, Post/Designation: Assistant Professor, Duration From: 2012, Duration To: Present
Organization: VIT, Jaipur, Post/Designation: Reader, Duration From: 2012, Duration To: 2012
Organization: Swami Keshwanand Institute of Technology, Jaipur, Post/Designation: Sr. Lecturer, Duration From: 2002, Duration To: 2009
Organization: Asian CERC Information Technology Ltd., at MNIT, Jaipur, Post/Designation: Software Engineer, Duration From: 2000, Duration To: 2002
Organization: Compucom Software Ltd, Jaipur, Post/Designation: Software Engineer, Duration From: 1999, Duration To: 2000
Organization: CDAC Jaipur, Post/Designation: Project Engineer, Duration From: 1999, Duration To: 1999

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Publication: N/A
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Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Enhanced Reliable Communication Using Direct-Trust-Based GPSR Protocol in VANETs, International Journal of Interdisciplinary Telecommunications and Networking (IJITN), Vol 14, PP. 1-20 JAN 2022 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Degree/Diploma: , Application of Blockchain in E-Healthcare Systems, Blockchain Technology and Computational Excellence for Society 5.0, publisher IGI Global, pp 239-260 APRIL 2022 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Towards trustworthy Internet of Things: A survey on Trust Management applications and schemes, Computer Communication Vol 160, pp. 475-493 JULY 2020 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Permission recommender system for Android, Proceedings of 10th ACM International Conference on Security of Information and Networks (SIN 2017), Jaipur, India, pp. 311-314, 2017. OCT 2017 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Degree/Diploma: , Trust-based Multi-Path Routing for Enhancing Data Security in MANETs. I. J. Network Security 16(2): 102-111 (2014) DEC 2013, Trust-based Multi-Path Routing for Enhancing Data Security in MANETs. I. J. Network Security 16(2): 102-111 (2014) DEC 2013 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Degree/Diploma: , A Secure Prioritized Trust Based Multi-path Routing Protocol for Ad Hoc Networks, proceeding of WiMon 2010, Springer Springer-Verlag Berlin Heidelberg 2010, pp 411-420,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Detection and Mitigation of Attacks by Colluding Misbehaving Nodes in MANET, proceeding of Third International Conference on Network Security & Applications (CNSA 2010), Springer Springer-Verlag Berlin Heidelberg 2010, pp 181-190 JULY 2010 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Trust Based Security in MANET Routing Protocols: A Survey, Proceedings at ACM digital library of A2CWiC 10, Coimbatore India, 2010 SEPT 2010 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: , Enhanced Reliable Communication Using Direct-Trust-Based GPSR Protocol in VANETs, International Journal of Interdisciplinary Telecommunications and Networking (IJITN), Vol 14, PP. 1-20 JAN 2022 ,
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Publication: , Towards trustworthy Internet of Things: A survey on Trust Management applications and schemes, Computer Communication Vol 160, pp. 475-493 JULY 2020 ,
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proceeding International Conference on Communication, Computing & Security, proceeding in ACM digital library (ICCCS 2011). Rourkela, India, pp.50-55, 2011 FEB 2011 ,
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Publication: , Trust Based Security in MANET Routing Protocols: A Survey, Proceedings at ACM digital library of A2CWiC 10, Coimbatore India, 2010 SEPT 2010 ,

Name: Divyang R. Rawal
Email: The LNM Institute of Information Technology
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Summary: Dr. Divyang Rawal is a dedicated faculty member at ECE Department, LNMIIT, Jaipur. He joined LNMIIT in the year 2014 and since then he has been instrumental in teaching wireless communication related courses, wireless labs for undergraduate and postgraduate students, is doing research in next generation communication systems. Over the years, he has worked on several wireless communication test-bench using RF and Infrared/Visible Light as a transmission medium in line with Make in India vision.

Biography: Divyang Rawal received the B.E. degree in 2002 and the M.E. degree in 2005 from L.D. Engg. Collage, Gujarat University, Ahmedabad, India. He was associated as a wireless modem researcher with ETRI, South Korea during Oct 2008-Sep. 2012. He received his Ph.D. degree from DA-IICT, India, in Apr-2014. Since 2014, he is associated as an Assistant Professor at the LNMIIT, Jaipur, India, where he conducts wireless courses and labs in association with telecom industries to keep up with latest trends. Since 2019, he is associated with LNMIIT as an Associate Professor and contributing actively towards 5G and beyond wireless communication at various platforms like Natl-Intl. IEEE conferences, International Telecommunication Union (ITU) etc. He has published several research papers on 4G-5G at various international conferences and in reputed IEEE journals and transactions. With that, he became IEEE senior member in 2024 and is participating in co-ordinating workshops nationally and internationally. In near past, he also has carried out several wireless simulation workshops as a resource person. His research interests are channel estimation and detection algorithms, MIMO-OFDM systems, NOMA, performance analysis for cooperative communication, Li-Fi, VLC, IRS and beyond 5G Physical layer simulations.

Research Area: WiCom, MIMO, OFDM, WiMax/LTE-A/WLAN Physical Layer Signal Processing. or (copy paste the above url or this link in new browser tab) https://sites.google.com/a/lnmiit.ac.in/divyang-rawal/

Personal Information:

Education:
Education section not found
Projects:
Project Name: Next Generation Mobile Systems, Cost: 2000000, Funding Agency: IT R&D program of MKE/KEIT, Duration From: 2010, Duration To: 2012
Project Name: Development Of WiBRO Systems, Cost: 1000000, Funding Agency: IT R&D program of MKE/KEIT, Duration From: 2008, Duration To: 2010

Experience:
Experience section not found

Publications:
Publication: N/A
Publication: S.Garg, Monika Jain, Ranjan Gangopadhyay, Divyang Rawal , "Opportunistic interference alignment in multi-user MIMO Cognitive Radio Networks for different fading channels.", "Opportunistic interference alignment in multi-user MIMO Cognitive Radio Networks for different fading channels." IEEE NCC-2016, India. MAR 2016 ,
Publication: N/A
Publication: N.Sharma, Divyang Rawal, "EVD-LRL based joint channel estimation and detection for very large MIMO systems"., "EVD-LRL based joint channel estimation and detection for very large MIMO systems". IEEE WISPNET-2016. MAR 2016 ,
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Personal Information:

Education:
Degree/Diploma: Sign Language to Regional Language Converter (SLRLC) , Role: PI, Institute/Organization: 4200000, Year: DST, Specialization: 2019
Degree/Diploma: Development of ARM research and Education Lab, Institute/Organization: 20000000, Year: ARM corp. India, Specialization: 2015
Degree/Diploma: Microcontrollers for Education, Institute/Organization: 100000, Year: Sapience Learning ltd., Specialization: 2015

Projects:
Project Name: Sign Language to Regional Language Converter (SLRLC) , Role: PI, Cost: 4200000, Funding Agency: DST, Duration From: 2019, Duration To: 2022
Project Name: Development of ARM research and Education Lab, Cost: 20000000, Funding Agency: ARM corp. India, Duration From: 2015, Duration To: 2018
Project Name: Microcontrollers for Education, Cost: 100000, Funding Agency: Sapience Learning ltd., Duration From: 2015, Duration To: 2016

Experience:
Experience section not found
Publications:
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Personal Information:

Education:
Degree/Diploma: Development of Solar Cells Utilizing Quantum Dot sensitized Titanium Oxide Nanotube, Institute/Organization: 11, Year: CSIR, Specialization: 2014

Projects:
Project Name: Development of Solar Cells Utilizing Quantum Dot sensitized Titanium Oxide Nanotube, Cost: 11, Funding Agency: CSIR, Duration From: 2014, Duration To: 2017

Experience:

Experience section not found
Publications:
Publication: N/A
Publication: Swati Bhardwaj, Arnab Pal, Kuntal Chatterjee, Papia Chowdhury, Susmita Saha, Anjan Barman, Tushar H Ranaa, Ganesh D Sharma & Subhayan Biswas, Electrophoretic deposition of plasmonic nanocomposite for the fabrication of dye-sensitized solar cells, Electrophoretic deposition of plasmonic nanocomposite for the fabrication of dye-sensitized solar cells, Swati Bhardwaj, Arnab Pal, Kuntal Chatterjee, Papia Chowdhury, Susmita Saha, Anjan Barman, Tushar H Ranaa, Ganesh D Sharma & Subhayan Biswas, Indian Journal of Pure & Applied Physics Vol. 55, January 2017, pp. 73-80 2017 ,
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Summary:
Biography:

Research Area:

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: S. Debnath, R. Takahashi, Y. Yoshida, and K. Kitayama,, "A novel optical packet switching with flow control for green data centre networks,", , "A novel optical packet switching with flow control for green data centre networks," in Proc. Photonics in Switching, Ajaccio- Corsica, France, 11-14 Sep. 2012. SEPT 2012 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Organization: Silver Oak University Ahmedabad, Post/Designation: Assistant Professor, Duration From: 2016, Duration To: 2018

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Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Summary:
Biography:
Research Area:

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Projects:

Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
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Publication: M. Ghosh, P. Ghoshal, S. Goswami, S. K. Raut, Can atmospheric neutrinos provide the first hint of CP violation?, Phys.Rev. D89 (2014) 011301 JAN 2014 ,
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Publication: R. Gandhi, P. Ghoshal, 'Atmospheric neutrinos as a probe of eV^2-scale active-sterile oscillations', hys. Rev. D 86, 037301 (2012) AUG 2012 ,
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Publication: P. Ghoshal, S. T. Petcov, 'Neutrino mass hierarchy determination using reactor antineutrinos', JHEP 1103 (2011) 058 MAY 2011 ,
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Publication: R. Gandhi et al,, Mass hierarchy determination using via future atmospheric neutrino detectors, Phys.Rev. D76 (2007) 073012 JULY 2007 ,
Publication: R. Gandhi, P. Ghoshal, S. Goswami, P.Mehta, S. Uma Sankar, R. Gandhi, P. Ghoshal, S. Goswami, P.Mehta, S. Uma Sankar,, Phys. Rev. D 73, 053001 (2006) MAR 2006 ,
Publication: R. Gandhi, P. Ghoshal, S. Goswami, P.Mehta, S. Uma Sankar, 'Large matter effects in nu_mu to nu_tau oscillations, Phys. Rev. Lett. 94, 051801 (2005) FEB 2005 ,

Name: Rakesh Tibrewala
Email: The LNM Institute of Information Technology
Department: Physics
Summary:
Biography:
Research Area:

Personal Information:

Education:
Degree/Diploma: The LNMIIT Jaipur, Institute/Organization: Assistant Professor, Year: 2016, Specialization: 2024

Projects:
Projects section not found
Experience:
Organization: The LNMIIT Jaipur, Post/Designation: Assistant Professor, Duration From: 2016, Duration To: 2024

Publications:
Publication: N/A
Publication: T.R. Govindarajan and Rakesh Tibrewala, Fermionic edge states and new physics,, Phys.Rev. D92 (2015) no.4, 045040 (arXiv:1506.05243). 2015 ,
Publication: N/A
Publication: Rakesh Tibrewala, New second derivative theories of gravity for spherically symmetric spacetimes, Class.Quant.Grav. 32 (2015) no.11, 115007 (arXiv:1403.4388) 2015,
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Name: Payel Pal
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Department: Humanities and Social Sciences

Summary:

Biography: Dr. Payel Pal is an Associate Professor of English at the Humanities and Social Sciences, LNM
Institute of Information Technology, Jaipur, India. Her research areas include South Asian Literature, Postcolonial Studies, Ecology, and Film and Cultural Studies. Besides participating in several international conferences and seminars, she has published her articles in several reputed journals
such as the Journal of Commonwealth Literature, Journal of Postcolonial Writing, Quarterly Review of Film and Video, Visual Anthropology, Media Asia, Intersections, Journal of International Women Studies, and Sexuality, Gender, and Policy. She is also one of the Series Editors of the UK Routledge Series “South Asian Literature in Focus.”

Research Area: Cultural Studies, Film Studies, Postcolonial Literature, South Asian Studies, Women and Gender Studies

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Goutam Karmakar and Payel Pal, Examining (in)justice, environmental activism and indigenous knowledge systems in the Indian film Kantara (Mystical Forest), Socio-Ecological Practice Research, April 2024, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Payel Pal and Goutam Karmakar, Acid attacks and epistemic (in)justice: Violence, everyday resistance and hermeneutical responsibilities in the Indian Hindi Film Chaapak, Sexuality, Gender, and Policy, January 2024, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Masculinity, media, and public image: review of the film An Action Hero, Media Asia (Taylor and Francis) (Scopus- Q2) Published on 24 January 2023 (with Dr. Goutam Karmakar) JAN 2023,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Delinking gendered hierarchies and mediated representations: review of the film Doctor G, Media Asia (Taylor and Francis) (Scopus- Q2) Published online on 23 January 2023.,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Episteme, sports, and media: Review of the film Saina, "Episteme, sports, and media: Review of the film Saina" in Media Asia (Taylor and Francis) Q2 (with Dr. Goutam Karmakar) FEB 20,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , The Gentleman’s Game"Witnessing Tribal Life and the Environment: An Ecological Rereading of the Select Narratives of Mahasweta Devi", Delinking “The Gentleman’s Game”: Visual Epistemic Representations in the Film Shabaash Mithu" in Visual Anthropology (Taylor and Francis) Q1 (with Dr. Goutam Karmakar) MAY 2023,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , "(In)visibility, Mediated, and Sporting Perceptions: Bollywood, Biopics, and the Epistemic Turn in Mary Kom.", "(In)visibility, Mediated, and Sporting Perceptions: Bollywood, Biopics, and the Epistemic Turn in Mary Kom." Visual Anthropology. ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Degree/Diploma: , “Postcolonial Disjuncture: Kashmir as the ‘Other’ in Basharat Peer’s Curfewed Night.”, The Journal of Commonwealth Literature. (Sage Publications) Published Online on 9 March 2021. ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Projects:
Projects section not found
Experience:
Experience section not found
Publications:
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Publication: , " (Re)asserting the Feminist Sensibilities: Confessionalism and Christian Feminism in the select poems of Eunice de Souza., (Re)asserting the Feminist Sensibilities: Confessionalism and Christian Feminism in the select poems of Eunice de Souza." Journal of International Women's Studies.,
Publication: , "Nostalgia, Identity, and Homeland: Reading the narratives of the diaspora in Susan Abulhawa's fiction.", The Journal of Postcolonial Writings 57.1 (January 2021): 47-59 (Francis and Taylor) JAN 2021 IndexedIn : [Scopus] Arts & Humanities Citation Index; Humanities International Index; Routledge Annotated Bibliography DOI : https://doi.org/10.1080/17449855.2020.1866261,
Publication: , "Postcolonial Disjuncture: Kashmir as the 'Other' in Basharat Peer's Curfewed Night.", The Journal of Commonwealth Literature. (Sage Publications) Published Online on 9 March 2021. ,
Publication: , Differing Versions of Masculinity/ Femininity: Disrupting the Hegemonic Representations in Contemporary Bollywood Films, "Differing Versions of Masculinity/ Femininity: Disrupting the Hegemonic Representations in Contemporary Bollywood Films" . ,
Publication: , "Witnessing Tribal Life and the Environment: An Ecological Rereading of the Select Narratives of Mahasweta Devi", "Witnessing Tribal Life and the Environment: An Ecological Rereading of the Select Narratives of Mahasweta Devi" in NALANS: Journal of Narrative and Language Studies (Q2). MAY 2023 ,
Publication: , I am trapped here': Female Body and Violence in Toni Morrison's Beloved and Joyce Carol Oates's Blonde., "'I am trapped here': Female Body and Violence in Toni Morrison's Beloved and Joyce Carol Oates's Blonde." The Atlantic Literary Review 20.1 (66-88) MAR 2019,
Publication: , "To be a 'man': Exploring the Politics of Violence in Toni Morrison's Home.", "To be a 'man': Exploring the Politics of Violence in Toni Morrison's Home." Negotiating Margins: African American and Dalit Writings. Ed. A Karunaker. New Delhi: Prestige Books International. 61-72 MAY 2014 ,
Publication: , Morrison's Prostitutes in The Bluest Eye., "Morrison's Prostitutes in The Bluest Eye." Notes on Contemporary Literature 44.2 (4-7) (with G. Neelakantan) MAR 2014 ,

Name: Sunil Kumar Gauttam
Email: The LNM Institute of Information Technology
Department: Mathematics
Summary: Stochastic Control, Probability Theory.
Biography: Stochastic Control, Probability Theory.
Research Area:

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A

Name: Sudipto Chowdhury
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Department: Mathematics
Summary:
Biography: Finite Element Methods, Optimal Control Problems
Research Area:

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Sudipto Chowdhury and Thirupathi Gudi, A $C^0$ interior penalty method for the Dirichlet control problem governed by biharmonic operator. J, Comp. Appl. Math., 317 (2017), pp. 290--306. 2017 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Sudipto Chowdhury, Thirupathi Gudi and A. K. Nandakumaran. , A frame work for the error analysis of discontinuous finite element methods for elliptic optimal control problems and applications, Funct. Anal. Optim., 36 (2015), pp. 1388-1419 2015 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: Sudipto Chowdhury and Thirupathi Gudi, A $C^0$ interior penalty method for the Dirichlet control problem governed by biharmonic operator. J, Comp. Appl. Math., 317 (2017), pp. 290--306. 2017 ,
Publication: N/A
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Publication: N/A

Name: Dishari Chaudhuri
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Department: Mathematics
Summary:
Biography: My broad area of research is Algebra, particularly non-commutative algebras and Lie algebras. I have been working on units in modular group algebras, Lie algebraic properties of semi-simple group algebras and twisted derivations of algebras.
Research Area:

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Algebra Geometrie,, Skew-symmetric elements of rational group algebras. Beitr., Vol. 61(4), pp 719-729. 2020 IndexedIn : [Scopus] DOI : 10.1007/s13366-020-00497-5,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: (\sigma, \tau)-Derivations of Group Rings. Comm, lgebra, Vol. 47(9) , pp 3800-380, pp 3800-3807. 2019 IndexedIn : [Scopus] DOI : https://doi.org/10.1080/00927872.2019.1570238,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: (With A. Saikia, the derived length of units in group algebra. Czechoslovak Math. J, Vol. 67, pp 855-865 2017 IndexedIn : [Scopus] DOI : 10.21136/CMJ.2017.0205-16,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Saikia, roup algebras with unit groups of derived length at most four,, Math. Debrecen, Vol. 86, pp 39-48. 2015 IndexedIn : [Scopus],, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: Algebra Geometrie,, Skew-symmetric elements of rational group algebras. Beitr., Vol. 61(4), pp 719-729. 2020 IndexedIn : [Scopus] DOI : 10.1007/s13366-020-00497-5,
Publication: N/A
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Publication: N/A
Publication: Saikia, roup algebras with unit groups of derived length at most four,, Math. Debrecen, Vol. 86, pp 39-48. 2015 IndexedIn : [Scopus],
Name: Ratan Kumar Giri
Email: The LNM Institute of Information Technology
Department: Mathematics
Summary:
Biography:
Research Area: Mathematical Analysis: theoretical aspects of nonlinear elliptic and parabolic PDEs

Personal Information:

Education:

Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: A. Panda, D. Choudhuri and R.Kr. Giri, Existence of positive solutions for a singular elliptic problem with critical exponent and measure data, Rocky Mountain Journal of Mathematics, Volume 51 (2021) no. 3, 973 - 988, June 2021, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Projects:
Projects section not found
Experience:
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Publications:
Publication: N/A
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Publication: R.Kr. Giri and S. Pradhan, Multiplication Operators on Orlicz and weighted Orlicz spaces, Bull. Calcutta Math. Soc., Volume 108, Number 1 (2016), 37-48, June 2016

Name: Surinder Singh Nehra
Email: The LNM Institute of Information Technology
Department: Humanities and Social Sciences
Summary:
Biography:
Research Area: Social Security, Urbanization, Infrastructure

Personal Information:

Education:
Degree/Diploma: Evaluation Study on Schedule Castes Sub-Plan (SCSP) and Tribal Sub-Plan (TSP) components of Sarva Siksha Abhiyan (SSA) and Rashtriya Uchchtar Siksha Abhiyan (RUSA), Institute/Organization: 17100000, Year: Ministry of Human Resource Development, Specialization: 2021

Projects:
Project Name: Evaluation Study on Schedule Castes Sub-Plan (SCSP) and Tribal Sub-Plan (TSP) components of Sarva Siksha Abhiyan (SSA) and Rashtriya Uchchtar Siksha Abhiyan (RUSA), Cost: 17100000, Funding Agency: Ministry of Human Resource Development, Duration From: 2021, Duration To: 2023

Experience:
Experience section not found
Publications:
Publication: N/A
Publication: , Impact of Globalisation on Social Security: A Case Study of Army PBOR, Research Journal of Humanities and Social Sciences, Impact of Globalisation on Social Security: A Case Study of Army PBOR, Research Journal of Humanities and Social Sciences, Volume 8(2): April- June, 2017 ISSN - 0975 – 6795 (Print) 2321– 5828 (online). JUN 2017 ,
Publication: N/A
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Publication: N/A
Publication: , Infrastructure deficit in India: The Role of Public Private Partnerships, Infrastructure deficit in India: The Role of Public Private Partnerships, Paridnya The MIBM Research Journal, Vol-1, Issue-1 ISSN - 2347 - 2405, pp-36-40 SEPT 2013 ,
Publication: N/A
Publication: , Globalization and changing nature of social security: Challenges for defence forces in India, Globalization and changing nature of social security: Challenges for defence forces in India, Published in national seminar proceedings organised by Symbiosis College of Arts & Commerce, Pune. ISBN – 978-81-921046-0-7, pp- 124-129 FEB 2012 ,
Publication: , U.S. Economic slowdown and its impact on Indian IT industry, U.S. Economic slowdown and its impact on Indian IT industry, Published in international conference proceedings organised by Abeda Inamdar Senior College of Arts, Science & Commerce , Pune. ISBN – 978-81-907408-0-7, pp- 246-252 ,
Publication: , Challenges of Education with reference to India,Published in national conference proceedings organised by Abeda Inamdar Senior College of Arts, Science & Commerce, , Challenges of Education with reference to India,Published in national conference proceedings organised by Abeda Inamdar Senior College of Arts, Science & Commerce , Pune, In-house Conference Issue, pp-127-131 DEC 2007 ,
Publication: , , Insurance Industry in India: The Emerging Horizon, Insurance Industry in India: The Emerging Horizon, Published in national seminar proceedings organised by Shree Damodar College of Commerce and Economics, Goa. In house Journal - Chetana, pp-15-19 ,

Name: Ashish Mishra
Email: The LNM Institute of Information Technology
Department: Mathematics
Summary:
Biography: Representation theory of finite groups, Partition algebras and their subalgebras
Research Area:

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Ashish Mishra and Shraddha Srivastava., Jucys–Murphy elements of partition algebras for the rook monoid. International Journal of Algebra and Computation, 31(5): 831–864. 2021 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Experience:
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Publication: Ashish Mishra and Murali K. Srinivasan, A combinatorial determinant dual to the group determinant., Electron. J. Linear Algebra, 29:17–29. 2015 ,

Name: Servesh Kumar Agnihotri
Email: The LNM Institute of Information Technology
Department: Mechanical-Mechatronics Engineering
Summary:
Biography:
Research Area: Fracture mechanics, Experimental Solid Mechanics, Functionally graded composites

Personal Information:

Education:
Degree/Diploma: National Institute of Technology Delhi, Institute/Organization: Assistant Professor, Year: 2018, Specialization: 2019
Degree/Diploma: BML University, Gurgaon, Haryana, Institute/Organization: Assistant Professor, Year: 2017, Specialization: 2018
Degree/Diploma: National Center for Aerospace Innovation and Research (NCAIR), IIT Bombay, Institute/Organization: Project Research Scientist, Year: 2016, Specialization: 2017
Degree/Diploma: Kanpur Institute of Technology Kanpur, Institute/Organization: Lecturer, Year: 2007, Specialization: 2008

Projects:
Projects section not found
Experience:
Organization: National Institute of Technology Delhi, Post/Designation: Assistant Professor, Duration From: 2018, Duration To: 2019
Organization: BML University, Gurgaon, Haryana, Post/Designation: Assistant Professor, Duration From: 2017, Duration To: 2018
Organization: National Center for Aerospace Innovation and Research (NCAIR), IIT Bombay, Post/Designation: Project Research Scientist, Duration From: 2016, Duration To: 2017

Organization: Kanpur Institute of Technology Kanpur, Post/Designation: Lecturer, Duration From: 2007, Duration To: 2008

Publications:
Publication: N/A
Publication: Sanan H. Khan, Servesh K. Agnihotri, Ateeb A. Khan, Afsar Husain, "Finite Element Modeling and Simulation of Projectile Impact on Ductile Target", Finite Element Modeling and Simulation of Projectile Impact on Ductile Target" Recent Advances in Mechanical Engineering, Lecture Notes in Mechanical Engineering, Springer. JAN 2020 ,
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Functionally graded structures 2012, IIT Delhi DEC 2012 ,

Name: Vikas Sharma
Email: The LNM Institute of Information Technology
Department: Mechanical-Mechatronics Engineering

Summary:

Biography:

Research Area: Gears and Bearings, Vibrations, Condition Monitoring, Fault Diagnosis, Signal Processing Techniques

Personal Information:

Education:

Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: Sharma, V, A Review on Vibration-Based Fault Diagnosis Techniques for Wind Turbine Gearboxes Operating Under Nonstationary Conditions., Journal of The Institution of Engineers (India): Series C, 1-17. 2021 IndexedIn : [WoS] SCIE indexed DOI : https://doi.org/10.1007/s40032-021-00666-y,, Institute/Organization: N/A, Year: N/A, Specialization: N/A

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Degree/Diploma: Sharma, V., Parey, A, review of gear fault diagnosis using various condition indicators.

Procedia Engineering, 144, 253-263, A review of gear fault diagnosis using various condition indicators. Procedia Engineering, 144, 253-263. MAY 2016 IndexedIn : [Scopus] Scopus DOI : https://doi.org/10.1016/j.proeng.2016.05.131,, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: Sharma, V, A Review on Vibration-Based Fault Diagnosis Techniques for Wind Turbine Gearboxes Operating Under Nonstationary Conditions., Journal of The Institution of Engineers (India): Series C, 1-17. 2021 IndexedIn : [WoS] SCIE indexed DOI : https://doi.org/10.1007/s40032-021-00666-y,
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Publication: N/A
Publication: Sharma, V., & Parey, A, Extraction of weak fault transients using variation mode decomposition for fault diagnosis of gearbox under varying speed., Engineering Failure Analysis, 107,104204. OCT 2019 IndexedIn : [WoS] SCIE indexed DOI : https://doi.org/10.1016/j.engfailanal.2019.104204,
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Publication: Sharma, V., & Parey, A., Frequency domain averaging based experimental evaluation of gear fault without tachometer for fluctuating speed conditions., Mechanical Systems and Signal Processing, 85, 278-295. AUG 2017 IndexedIn : [WoS] SCI indexed DOI : https://doi.org/10.1016/j.ymssp.2016.08.015,
Publication: Sharma, V., & Parey, A, Gearbox fault diagnosis using RMS based probability density function and entropy measures for fluctuating speed conditions., Structural Health Monitoring, 16(6), 682-695. JAN 2017 IndexedIn : [WoS] SCIE indexed DOI : https://doi.org/10.1177/1475921716679802,
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Publication: Sharma, V., & Parey, A, Gear crack detection using modified TSA and proposed fault indicators for fluctuating speed conditions. Measurement, 90, 560-575. AUG 2016, . Gear crack detection using modified TSA and proposed fault indicators for fluctuating speed conditions. Measurement, 90, 560-575. AUG 2016 IndexedIn : [WoS] SCIE indexed DOI : https://doi.org/10.1016/j.measurement.2016.04.076,
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Name: Swati Sharma
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Department: Humanities and Social Sciences
Summary: The primary areas of Dr. Sharma's research are economics of education, labour

economics, development economics and digital skilling. She aspires to produce research that provides actionable insights for policymakers and has the potential to create meaningful social impact. She has published several research papers in reputed ABDC-listed and Scopus-indexed journals such as World Economy (ABDC A, Scopus Q1) and Applied Economics (ABDC A). Along with this, she has also reviewed submissions for reputed journals like International Journal of Social Economics and The Indian Economic Journal.

Biography: She received her Bachelors of Arts (B.A.) degree in Economics from University of Rajasthan, Jaipur, in 2007. She obtained her Master's degree in Economics from University of Rajasthan, Jaipur, in 2009. She is also the recipient of Junior Research Fellowship (JRF) granted by the University Grants Commission (UGC). In addition, she has completed her M.Phil. and Ph.D. (Integrated Program) from Jawaharlal Nehru University (JNU), New Delhi, in 2022. Her doctoral research at JNU examined the educational challenges faced by socioeconomically disadvantaged children. After submitting her Ph.D. thesis, she worked as a Research fellow at Indian Institute of Management, Udaipur for one year. During her time as a researcher at IIM Udaipur, she developed a dynamic taxonomy of digital skills using a real-time corpus of job descriptions extracted from Indeed.com, and estimated a Structural Topic Model (STM) on this dataset to identify the salient digital skills required in the labour market.

Research Area: Economics of education, labour economics, development economics and digital skilling.

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Like father, like son, ike father, like son: does migration experienced during child schooling affect mobility? Applied Economics,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , "What's in a name? A lot if it has 'blockchain, Economics Letters, Vol. 186, p. 108818. (ABDC A, ABS 3) 2020 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Educational mismatch and its impact on earnings: evidence from Indian labour market, nternational Journal of Social Economics, Emerald Publishing Limited, Vol. 44 No. 12, pp. 1778–1795,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Does education determine employment: Peculiarities of the Indian labour market, Studies in Business and Economics, Vol.11, no.1, pp.164-180. (ABDC C) 2016 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Forecasting gains of robust realized variance estimators, Economics Bulletin, 34(4), 2377– 2386. (ABDC C) 2014 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: , Like father, like son, ike father, like son: does migration experienced during child schooling affect mobility? Applied Economics,
Publication: N/A
Publication: , "What's in a name? A lot if it has 'blockchain, Economics Letters, Vol. 186, p. 108818. (ABDC A, ABS 3) 2020 ,
Publication: N/A
Publication: , Educational mismatch and its impact on earnings: evidence from Indian labour market, nternational Journal of Social Economics, Emerald Publishing Limited, Vol. 44 No. 12, pp. 1778–1795,
Publication: N/A

Publication: , Does education determine employment: Peculiarities of the Indian labour market, Studies in Business and Economics, Vol.11, no.1, pp.164-180. (ABDC C) 2016 ,
Publication: , Forecasting gains of robust realized variance estimators, Economics Bulletin, 34(4), 2377–2386. (ABDC C) 2014 ,

Name: Nitesh Pradhan
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:
Biography: Dr. Nitesh Pradhan is an Assistant Professor in the department of Computer Science and Engineering at Manipal University Jaipur. He has 8 years of teaching experience. He Qualified GATE exam with All India Rank of 1067. He was the Resource Speaker in Two weeks of training programs on “Python Programming” for Jawahar Navodaya Vidyalaya Teachers (Government funded consultancy). As an academic experience, He was invited as an external in Amity institute of information technology, Amity University Rajasthan. He also Won 1st Prize, In Manipal Navonmesh-Project Exhibition with Project title: Search and Rescue Drone. His research interests include Machine Learning, Deep Learning, Image Processing, Biomedical engineering. He has total 12 publications in reputed journal and approximate 15 conference papers in recognized conferences.
Research Area: Machine Learning, Image Processing

Personal Information:

Education:
Degree/Diploma: Manipal University Jaipur, Institute/Organization: Assistant Professor, Year: 2016, Specialization: 2023

Projects:
Projects section not found
Experience:
Organization: Manipal University Jaipur, Post/Designation: Assistant Professor, Duration From: 2016, Duration To: 2023

Publications:
Publication: N/A
Publication: Gaurav Srivastava, Aninditaa Chauhan, Nitigya Kargeti , Nitesh Pradhan, Vijaypal Singh Dhaka, Apneanet: A hybrid 1dcnn-lstm architecture for detection of obstructive sleep apnea using digitized ecg signals, Journal, May 2023
Publication: N/A
Publication: Gaurav Srivastava, Aninditaa Chauhan, Nitesh Pradhan, Cjt-deo: Condorcet’s jury theorem and differential evolution optimization based ensemble of deep neural networks for pulmonary and colorectal cancer classification, Journal, May 2022
Publication: N/A
Publication: Gaurav Srivastava, Nitesh Pradhan, Yashwin Saini, Ensemble of deep neural networks based on condorcet’s jury theorem for screening covid-19 and pneumonia from radiograph images, Journal, May 2022
Publication: N/A
Publication: Nitesh Pradhan, Vijaypal Singh Dhaka, Geeta Rani and Himanshu Chaudhary , Transforming view of medical images using deep learning, Journal, May 2020
Publication: Nitesh Pradhan, Vaibhav Singh, Virat Kumar, Parth Goel and Vijaypal Singh Dhaka, Conversion of two dimensional images into multi-view images of bone using deep learning, Journal, May 2020

Name: Sandeep Singh Shekhawat
Email: The LNM Institute of Information Technology
Department: Mechanical-Mechatronics Engineering
Summary: Dr. Sandeep Singh Shekhawat is a faculty member at the MME Department, LNMIIT, Jaipur. He received a Ph.D. degree from Malaviya National Institute of Technology, Jaipur, India

in 2021.

Biography: Dr. Sandeep Singh Shekhawat is an Assistant Professor in the department of MME and HSS. He has done Ph.D. in Environmental Engineering (Department of Civil Engineering) from Malaviya National Institute of Technology Jaipur in 2021. He has completed his Master of Science in Biotechnology from the University of Rajasthan and Master of Technology (Disaster Assessment and Mitigation) from MNIT Jaipur. He has also cleared the national level examination of GATE, CSIR-NET, ICAR-NET. His research interests are microbial ecology and wastewater treatment technology. He specifically explored the research on the Antimicrobial resistant (AMR) bacteria in water and wastewaters including Chlorine tolerant and UV resistant- bacteria, bacterial regrowth post disinfection, Disinfection byproducts (DBPs), antibiotic resistant bacteria (ARB) and antibiotic resistance genes (ARGs) in treated wastewater and their impacts on the irrigated soils. He has experienced as a senior research fellow in Indo-EU DST project “Identifying best available technologies for decentralized wastewater treatment and resource recovery for India” (Saraswati 2.0) at Centre for Environment and Energy, Malaviya National Institute of Technology Jaipur, India (Feb 2021 – March 2022). He has worked as an assistant professor at Jaipur National University, Jaipur for 3 years. He has authored 8 international research articles SCI/Scopus indexed, 1 book chapter, 1 national and 1 magazine articles. He is also a reviewer of some reputed journals. He has attended 10 conferences and workshops (national and international). He got first position in Flash Talk in International conference- BSAEH-2021. He has conducted two summer workshops and has delivered 1 guest lecture. Dr. Shekhawat is currently working on the development of a hybrid disinfection strategy for limiting microbial contamination from treated wastewater.

Research Area: Microbial Ecology, Water disinfection, Antimicrobial resistance, Wastewater Treatment, Water reuse policy

Personal Information:

Education:
Degree/Diploma: MNIT Jaipur, Institute/Organization: Senior Research Fellow, Year: 2021, Specialization: 2022

Projects:
Projects section not found
Experience:
Organization: MNIT Jaipur, Post/Designation: Senior Research Fellow, Duration From: 2021, Duration To: 2022

Publications:
Publication: N/A
Publication: Sandeep Singh Shekhawat, Niha Mohan Kulshreshtha , Pankaj Saini , Aparna Upadhyay, Akhilendra Bhushan Gupta, Helga Jenifer M, Vikram Subramanian c, Ankita Kumari , Nidhi Pareek, Vivekanand Vivekanand, Antibiotic resistance genes and bacterial diversity: A comparative molecular study of treated sewage from different origins and their impact on irrigated soils, Antibiotic resistance genes and bacterial diversity: A comparative molecular study of treated sewage from different origins and their impact on irrigated soils., August 2022
Publication: N/A
Publication: Vinayak Gupta; Sandeep Singh Shekhawat; Niha Mohan Kulshreshtha; Akhilendra Bhushan Gupta, A systematic review on chlorine tolerance among bacteria and standardization of their assessment protocol in wastewater, A systematic review on chlorine tolerance among bacteria and standardization of their assessment protocol in wastewater JULY 2022 , July 2022
Publication: N/A
Publication: Sandeep Singh Shekhawat, Niha Mohan Kulshreshtha, Vivekanand Vivekanand, Akhilendra Bhushan Gupta, Impact of combined chlorine and UV technology on the bacterial diversity, antibiotic resistance genes and disinfection by-products in treated sewage NOV 2021, Impact of combined chlorine and UV technology on the bacterial diversity, antibiotic resistance genes and disinfection by-products in treated sewage NOV 2021 , November 2021
Publication: N/A

Publication: Zhang, D., Peng, Y., Chan, C.L., On, H., Wai, H.K.F., Shekhawat, S.S., Gupta, A.B., Varshney, A.K., Chuanchuen, R., Zhou, X. and Xia, Y., Metagenomic Survey Reveals More Diverse and Abundant Antibiotic Resistance Genes in Municipal Wastewater Than Hospital Wastewater AUG 2021, Metagenomic Survey Reveals More Diverse and Abundant Antibiotic Resistance Genes in Municipal Wastewater Than Hospital Wastewater AUG 2021 , August 2021
Publication: Sandeep Singh Shekhawat; Niha Mohan Kulshreshtha; Rinki Mishra; Sudipti Arora; Vivekanand Vivekanand; Akhilendra Bhushan Gupta, Antibiotic resistance in a predominantly occurring Gram-negative bacterial community from treated sewage to assess the need for going beyond coliform standards, Antibiotic resistance in a predominantly occurring Gram-negative bacterial community from treated sewage to assess the need for going beyond coliform standards JULY 2021 , July 2021
Publication: Sandeep Singh Shekhawat, Akhilendra Bhushan Gupta, Niha Mohan Kulshreshtha, Ram Prakash., UV disinfection studies on chlorine tolerant bacteria recovered from treated sewage JUN 2021, UV disinfection studies on chlorine tolerant bacteria recovered from treated sewage JUN 2021 , June 2021
Publication: Sandeep Singh Shekhawat, Kavita Verma, Akhilendra Bhushan Gupta, Status, Challenges and Future Prospects of Wastewater Reuse for Agricultural Irrigation in Developing Countries: A Mini Review, ACTA SCIENTIFIC AGRICULTURE, May 2020
Publication: Sandeep Singh Shekhawat, Niha Mohan Kulshreshtha, Akhilendra Bhushan Gupta, Investigation of chlorine tolerance profile of dominant gram negative bacteria recovered from secondary treated wastewater in Jaipur, India FEB 2020, Investigation of chlorine tolerance profile of dominant gram negative bacteria recovered from secondary treated wastewater in Jaipur, India FEB 2020, February 2020
Publication: S.S. Shekhawat, N.M. Kulshreshtha, A.B. Gupta, Tertiary treatment technologies for removal of antibiotics and antibiotic resistance genes from wastewater (Book Chapter) 2020, Tertiary treatment technologies for removal of antibiotics and antibiotic resistance genes from wastewater (Book Chapter) 2020, February 2020
Publication: Chauhan, N., Anand, S.R., Aggarwal, R., Kaushik, J., Shekhawat, S.S., Sonker, A.K. and Sonkar, S.K.,, Soluble non-toxic carbon nano-rods for the selective sensing of iron(iii) and chromium(vi) 2019, Soluble non-toxic carbon nano-rods for the selective sensing of iron(iii) and chromium(vi) 2019 , June 2019

Name: Lal Upendra Pratap Singh
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary: Assistant Professor in the Department of Computer Science and Engineering.
Biography: Dr. Lal Upendra Pratap Singh has joined as an Assistant Professor in the Department of Computer Science and Engineering (CSE) at the LNM Institute of Information Technology Jaipur, Rajasthan. Before this, he was affiliated with the Department of Computer Science and Engineering (CSE) at the Institute of Technical Education and Research (ITER), Siksha O Anusandhan University Bhubaneshwar, Odisha.

He completed his PhD. in 2022 from the Indian Institute of Information Technology Allahabad (IIIT Allahabad) in machine learning. Specifically, his research involved the development of transfer learning-based algorithms in low-resource environments. The developed algorithms were applied for solving different tasks in the computer vision and medical imaging domain. Currently, his research is in the development of federated learning-based machine and deep learning algorithms for solving different tasks in computer vision, healthcare and natural language processing domains.

He completed his post-graduation (M.Tech (2014-2016)) from Atal Bihari Vajpayee-Indian Institute of Information Technology and Management Gwalior (ABV-IIITM Gwalior). His Master's thesis involved the development of automatic speech recognition (ASR) system using a deep neural network. During this phase, he also got to work on a speech recognition project sponsored by the Department of Science and Technology (DST), Government of India as a Project Associate and Graduate Research Assistant. His graduation is from Birla Institute of Technology Mesra (BIT Mesra) – Extension Center Deoghar (2010-2014).

Research Area: Machine learning, Deep Learning, Transfer Learning, Optimization, Applied

Natural Language Processing

Personal Information:

Education:
Degree/Diploma: Institute of Technical Education and Research (ITER), Siksha O' Anusandhan University Bhubaneshwar, Institute/Organization: Assistant Professor, Year: 2022, Specialization: 2023
Degree/Diploma: ABV-Indian Institute of Information Technology and Management Gwalior, Institute/Organization: Project Associate, Year: 2016, Specialization: 2016
Degree/Diploma: ABV-Indian Institute of Information Technology and Management Gwalior, Institute/Organization: Graduate Research Assistant (GRA), Year: 2015, Specialization: 2016

Projects:
Projects section not found
Experience:
Organization: Institute of Technical Education and Research (ITER), Siksha O' Anusandhan University Bhubaneshwar, Post/Designation: Assistant Professor, Duration From: 2022, Duration To: 2023
Organization: ABV-Indian Institute of Information Technology and Management Gwalior, Post/Designation: Project Associate, Duration From: 2016, Duration To: 2016
Organization: ABV-Indian Institute of Information Technology and Management Gwalior, Post/Designation: Graduate Research Assistant (GRA), Duration From: 2015, Duration To: 2016

Publications:
Publication: N/A
Publication: Upendra Pratap Singh, Krishna Pratap Singh and Manoj Thakur, A nuclear norm-induced robust and lightweight relation network for few-shots classification of hyperspectral images, Multimedia Tools and Applications, June 2023
Publication: N/A
Publication: Rishi Narang, Upendra Pratap Singh, Interpretable Sequence Models for the Sales Forecasting Task: A Review, 7th International Conference on Intelligent Computing and Control Systems (ICICCS 2023), June 2023
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Publication: Upendra Pratap Singh, Krishna Pratap Singh and Manoj Thakur
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Publication: Ramji Jaiswal, Upendra Pratap Singh and Krishna Pratap Singh, Fake News Detection Using BERT-VGG19 Multimodal Variational Autoencoder, IEEE 8th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON), January 2022
Publication: Upendra Pratap Singh, Krishna Pratap Singh and Manoj Thakur, NucNormZSL: nuclear norm-based domain adaptation in zero-shot learning, Neural Computing and Applications, September 2021
Publication: Rashi Agrawal, Upendra Pratap Singh and Krishna Pratap Singh, Few shots learning: Caricature to image recognition using improved relation network, International Conference on Computer Vision and Image Processing, March 2021
Publication: Anupam Prakash,  Piyush Sharma,  Indrajeet Kumar Sinha and Upendra Pratap Singh, Spread & peak prediction of COVID-19 using ANN and regression (workshop paper), IEEE Sixth International Conference on Multimedia Big Data (BigMM), October 2020
Publication: Upendra Pratap Singh, Swapnil Chavan, Sahil Hindwani and Krishna Pratap Singh, Self-taught Learning: Image Classification Using Stacked Autoencoders, Soft Computing for Problem Solving 2019, April 2020
Publication: Upendra Pratap Singh, Kaustubh Rakesh, Rishabh, Vipul Kumar and Krishna Pratap Singh

, Improved Coupled Autoencoder based Zero Shot Recognition using Active Learning, 2019 IEEE Conference on Information and Communication Technology, April 2020
Publication: Anupam Agrawal, Manisha Malik and Upendra Pratap Singh
, CBAT—Color blind assisting tool, 2017 International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT), May 2018
Publication: Upendra Pratap Singh and Anupam Agrawal
, NO-SHAM: an effective tool based on a novel hybrid approach to detect copy-move forgery in images, 4th IEEE Uttar Pradesh Section International Conference on Electrical, Computer and Electronics (UPCON), January 2018
Publication: Lalaram Arya, Upendra Pratap Singh, Anupam Shukla and Ritu Tiwari
, Acoustic modeling using state projection vectors of subspace Gaussian mixture model to train deep neural network on entropy maximized Hindi dataset, 2016 Conference of The Oriental Chapter of International Committee for Coordination and Standardization of Speech Databases and Assessment Techniques (O-COCOSDA), May 2017

Name: Abhijit Adhikari
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:
Biography: He has received his Ph.D. degree in Computer Science and Engineering from National Institute of Technology, Durgapur, India and M.E. degree form Department of Computer Science and Engineering, Birla Institute of Technology Mesra, Ranchi, India. He has done his B.Tech. in Computer Science and Engineering from W.B.U.T., West Bengal. His current research interests lie in the areas of semantic measures, knowledge graphs, and artificial intelligence.
He has published his research in several SCI (Q1) journals like, Expert Systems with Applications, Journal of the Association for Information Science and Technology. He has presented his work in TENCON, an IEEE Region10 conference. He was an assistant professor (senior grade) in Vellore Institute of Technology-AP University (Autonomous) in the department of CSE. He has reviewed several research works of various reputed international journals and conferences. He has chaired various sessions in international conferences.
Research Area: Semantic Measures, Knowledge graph, AI

Personal Information:

Education:
Degree/Diploma: Vellore Institute of Technology-Andhra Pradesh, India, Institute/Organization: Assistant Professor Senior Grade 2, Year: 2019, Specialization: 2023

Projects:
Projects section not found
Experience:
Organization: Vellore Institute of Technology-Andhra Pradesh, India, Post/Designation: Assistant Professor Senior Grade 2, Duration From: 2019, Duration To: 2023

Publications:
Publication: N/A
Publication: Abhijit Adhikari, Biswanath Dutta, Animesh Dutta, and Deepjyoti Mondal, Semantic similarity measurement: an intrinsic information content model, Int. J. Metadata Semantics and Ontologies,, January 2021
Publication: N/A
Publication: Abhijit Adhikari, Biswanath Dutta, Animesh Dutta, Deepjyoti Mondal, Shivang Singh, An intrinsic information content based semantic similarity measure considering the disjoint common subsumers of concepts of an ontology, Journal of the Association for Information Science and Technology(JASIST), [Indexing: SCI, Scopus. Impact Factor: 3.275] [Q1], February 2018
Publication: N/A
Publication: Adishree Mazumder, Amrita Jayanti Mukherjee, Abhijit Adhikari, Animesh Dutta, InformalOnt:

An ontology to empower the informal sector workforce, In Proc. of IEEE International Technical Conference (TENCON-2017), Malaysia, December 2017
Publication: N/A
Publication: Shaswat Gupta,  Abhijeet Padhy, Abhijit Adhikari, and Animesh Dutta, A semantic web and linked data based framework for Smart City data management, In Proc. of IEEE Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON-2016),Thailand, September 2016
Publication: Abhijit Adhikari, Shivang Singh, Animesh Dutta, and Biswanath Dutta, A novel information theoretic approach for finding semantic similarity in WordNet, ." In Proc. of IEEE International Technical Conference (TENCON-2015), Macau, January 2016
Publication: Abhijit Adhikari, Shivang Singh, Animesh Dutta, and Biswanath Dutta, A novel information theoretic approach for finding semantic similarity in WordNet, In Proc. of IEEE International Technical Conference (TENCON-2015), Macau, January 2016

Name: Vikas Bajpai
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:
Biography:
Research Area:

Personal Information:

Education:
Education section not found
Projects:
Project Name: Design and development of Sanitization tunnel, Cost: 50000, Funding Agency: Unnat Bharat Abhiyan, All India Council For Technical Education, Duration From: 2021, Duration To: 2021

Experience:
Experience section not found
Publications:
Publication: N/A

Name: Atul Mishra
Email: The LNM Institute of Information Technology
Department: Mechanical-Mechatronics Engineering
Summary:
Biography:
Research Area: Industrial and Mobile Robotics, Production Planning and Control, Artificial Intelligence in Manufacturing

Personal Information:

Education:
Degree/Diploma: Indian Institute of Technology Kharagpur, Institute/Organization: Research Engineer, Year: 2019, Specialization: 2021
Degree/Diploma: Budge Budge Institute of Technology, Kolkata, Institute/Organization: Assistant Professor, Year: 2012, Specialization: 2012

Projects:
Projects section not found
Experience:
Organization: Indian Institute of Technology Kharagpur, Post/Designation: Research Engineer, Duration From: 2019, Duration To: 2021
Organization: Budge Budge Institute of Technology, Kolkata, Post/Designation: Assistant Professor, Duration From: 2012, Duration To: 2012

Publications:
Publication: N/A
Publication: Mishra, A., and Deb, S, An improved hybrid flower pollination algorithm for assembly sequence optimization, Assembly Automation, An improved hybrid flower pollination algorithm for assembly sequence optimization, Assembly Automation, 39(1), 165–185. https://doi.org/10.1108/AA-09-2017-112, Impact Factor 2.210 (2019) ISSN: 0144-5154 APRIL 2019
,
Publication: N/A

Name: Varun Kumar Sharma
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:
Biography:
Research Area: Network Communication

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Dimitris Kanellopoulos, Varun Kumar Sharma
, Dynamic load balancing techniques in the IoT: A review, Symmetry, MDPI, (I.F.: 2.7), December 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Lal Pratap Verma, Varun Kumar Sharma, Mahesh Kumar, Dimitris Kanellopoulos, Aniket Mahanti, DB-CMT: A New Concurrent Multi-path Stream Control Transport Protocol, Journal of Network and Systems Management, Springer (I.F.: 3.6), August 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Parul Tomar, Gyanendra Kumar, Lal Pratap Verma, Varun Kumar Sharma, Dimitris Kanellopoulos, Sur Singh Rawat, Youseef Alotaibi, CMT-SCTP and MPTCP Multipath Transport Protocols: A Comprehensive Review, Electronics, MDPI, (I.F.: 2.9), July 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Lal Pratap Verma, Varun Kumar Sharma, Mahesh Kumar, Dimitris Kanellopoulos, A novel delay-based adaptive congestion control TCP variant, Computers and Electrical Engineering, Elsevier (I.F.: 4.3), July 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Varun Kumar Sharma, Lal Pratap Verma, Mahesh Kumar, Experimental Analysis of Concurrent Multi-path Transmission Schemes, In Proceedings of the 3rd International Conference on Advanced Computing and Software Engineering - ICACSE., June 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Lal Pratap Verma, Varun Kumar Sharma, Mahesh Kumar, Aniket Mahanti, An adaptive multi-path data transfer approach for MP-TCP, Wireless Networks, Springer (I.F.: 3.0), April 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Dimitris Kanellopoulos, Varun Kumar Sharma, Survey on power-aware optimization solutions for MANETs, Electronics, MDPI, (I.F.: 2.9), July 2020, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Varun Kumar Sharma, Lal Pratap Verma, Mahesh Kumar, Ranesh Kumar Naha, Aniket Mahanti, A-CAFDSP: An adaptive-congestion aware Fibonacci sequence based data scheduling policy, Computer Communications, Elsevier, (I.F.: 6.0), May 2020, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Varun Kumar Sharma, Lal Pratap Verma, Mahesh Kumar, CL-ADSP: Cross-Layer Adaptive Data Scheduling Policy in Mobile Ad-hoc Networks, Future Generation Computer Systems, Elsevier (I.F.: 7.5), August 2019, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Varun Kumar Sharma, Energy and Congestion Conscious Transmissions and Routing

in SANETs and MANETs: A Survey, Engineering and Technology Journal for Research and Innovation, August 2019, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Varun Kumar Sharma, Mahesh Kumar, Adaptive load distribution approach based on congestion control scheme in ad-hoc networks, International Journal of Electronics, Taylor & Francis (I.F.: 1.3), August 2018, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Lal Pratap Verma, Varun Kumar Sharma, Mahesh Kumar
, New Delay-based Fast Retransmission Policy for CMT-SCTP, International Journal of Intelligent Systems and Applications (IJISA), March 2018, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Varun Kumar Sharma, Lal Pratap Verma, Mahesh Kumar
, A Fuzzy-based Adaptive Energy Efficient Load Distribution Scheme in Ad-hoc Networks, International Journal of Intelligent Systems and Applications (IJISA), February 2018, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Varun Kumar Sharma, Mahesh Kumar , Adaptive energy efficient load distribution using fuzzy approach, Ad Hoc & Sensor Wireless Networks, Old City Publications, (I.F.: 0.9), December 2017, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Varun Kumar Sharma, Mahesh Kumar
, Adaptive congestion control scheme in mobile ad-hoc networks, Peer-to-Peer Networking and Applications, Springer (I.F.: 4.2), October 2016, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Varun K Sharma, Shiv Shankar Prasad Shukla, Varun Singh
, A tailored Q-Learning for routing in wireless sensor networks, 2012 2nd IEEE International Conference on Parallel, Distributed and Grid Computing, December 2012, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: Dimitris Kanellopoulos, Varun Kumar Sharma
, Dynamic load balancing techniques in the IoT: A review, Symmetry, MDPI, (I.F.: 2.7), December 2022
Publication: N/A
Publication: Lal Pratap Verma, Varun Kumar Sharma, Mahesh Kumar, Dimitris Kanellopoulos, Aniket Mahanti, DB-CMT: A New Concurrent Multi-path Stream Control Transport Protocol, Journal of Network and Systems Management, Springer (I.F.: 3.6), August 2022
Publication: N/A
Publication: Parul Tomar, Gyanendra Kumar, Lal Pratap Verma, Varun Kumar Sharma, Dimitris Kanellopoulos, Sur Singh Rawat, Youseef Alotaibi, CMT-SCTP and MPTCP Multipath Transport Protocols: A Comprehensive Review, Electronics, MDPI, (I.F.: 2.9), July 2022
Publication: N/A
Publication: Lal Pratap Verma, Varun Kumar Sharma, Mahesh Kumar, Dimitris Kanellopoulos, A novel delay-based adaptive congestion control TCP variant, Computers and Electrical Engineering, Elsevier (I.F.: 4.3), July 2022
Publication: Varun Kumar Sharma, Lal Pratap Verma, Mahesh Kumar, Experimental Analysis of Concurrent Multi-path Transmission Schemes, In Proceedings of the 3rd International Conference on Advanced Computing and Software Engineering - ICACSE., June 2022
Publication: Lal Pratap Verma, Varun Kumar Sharma, Mahesh Kumar, Aniket Mahanti, An adaptive multi-path data transfer approach for MP-TCP, Wireless Networks, Springer (I.F.: 3.0), April 2022
Publication: Dimitris Kanellopoulos, Varun Kumar Sharma, Survey on power-aware optimization solutions for MANETs, Electronics, MDPI, (I.F.: 2.9), July 2020
Publication: Varun Kumar Sharma, Lal Pratap Verma, Mahesh Kumar, Ranesh Kumar Naha, Aniket Mahanti, A-CAFDSP: An adaptive-congestion aware Fibonacci sequence based data scheduling policy, Computer Communications, Elsevier, (I.F.: 6.0), May 2020

Publication: Varun Kumar Sharma, Lal Pratap Verma, Mahesh Kumar, CL-ADSP: Cross-Layer Adaptive Data Scheduling Policy in Mobile Ad-hoc Networks, Future Generation Computer Systems, Elsevier (I.F.: 7.5), August 2019
Publication: Varun Kumar Sharma, Energy and Congestion Conscious Transmissions and Routing in SANETs and MANETs: A Survey, Engineering and Technology Journal for Research and Innovation, August 2019
Publication: Varun Kumar Sharma, Mahesh Kumar, Adaptive load distribution approach based on congestion control scheme in ad-hoc networks, International Journal of Electronics, Taylor & Francis (I.F.: 1.3), August 2018
Publication: Lal Pratap Verma, Varun Kumar Sharma, Mahesh Kumar
, New Delay-based Fast Retransmission Policy for CMT-SCTP, International Journal of Intelligent Systems and Applications (IJISA), March 2018
Publication: Varun Kumar Sharma, Lal Pratap Verma, Mahesh Kumar
, A Fuzzy-based Adaptive Energy Efficient Load Distribution Scheme in Ad-hoc Networks, International Journal of Intelligent Systems and Applications (IJISA), February 2018
Publication: Varun Kumar Sharma, Mahesh Kumar , Adaptive energy efficient load distribution using fuzzy approach, Ad Hoc & Sensor Wireless Networks, Old City Publications, (I.F.: 0.9), December 2017
Publication: Varun Kumar Sharma, Mahesh Kumar
, Adaptive congestion control scheme in mobile ad-hoc networks, Peer-to-Peer Networking and Applications, Springer (I.F.: 4.2), October 2016
Publication: Varun K Sharma, Shiv Shankar Prasad Shukla, Varun Singh
, A tailored Q-Learning for routing in wireless sensor networks, 2012 2nd IEEE International Conference on Parallel, Distributed and Grid Computing, December 2012

Name: Praveen Kr. Sharma
Email: The LNM Institute of Information Technology
Department: Mechanical-Mechatronics Engineering
Summary: I am an Assistant Professor in Mechanical-Mechatronics Engineering at The LNM Institute of Information Technology (LNMIIT) in Jaipur. With a Ph.D. earned from the Mechanical and Aerospace Department at IIT-Hyderabad, I joined LNMIIT in August 2021.
Biography: My scholarly pursuits are firmly anchored in the fascinating domain of Multiphase Flows, with particular emphasis on fluid flow dynamics and the interactions between fluids and structures. My research meticulously explores the complex interplay among diverse fluids, especially in contexts involving oil-water mixtures. I possess a robust proficiency in Computational Fluid Dynamics (CFD) and employ advanced numerical simulations to propel my research endeavors forward. Motivated by a fervent commitment to interdisciplinary collaboration, I consistently seek out and establish partnerships across various engineering disciplines, notably in areas such as Fluid-Structure Interaction and other related sectors.
Research Area: Thermo-fluids

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: , Energetics of a bouncing drop, Energetics of a bouncing drop: Coefficient of restitution, bubble entrapment, and escape 2020 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: , Energetics of a bouncing drop, Energetics of a bouncing drop: Coefficient of restitution, bubble entrapment, and escape 2020 ,

Publication: N/A

Name: Bharat Singh
Email: The LNM Institute of Information Technology
Department: Mechanical-Mechatronics Engineering
Summary:
Biography:
Research Area:

Personal Information:

Education:
Education section not found
Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publications section not found Name: Sudheer Kumar Sharma
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:
Biography:
Research Area:

Personal Information:

Education:
Degree/Diploma: “Assessment Model Sample Papers (Model Assessment Outcomes) for Technical Universities w.r.t select IT, ME, CSE, and ECE Streams”., Institute/Organization: 0, Year: Signed an MoU with IT-ITeS Sector Skills Council NASSCOM (SSC NASSCOM), Specialization: 2012

Projects:
Project Name: “Assessment Model Sample Papers (Model Assessment Outcomes) for Technical Universities w.r.t select IT, ME, CSE, and ECE Streams”., Cost: 0, Funding Agency: Signed an MoU with IT-ITeS Sector Skills Council NASSCOM (SSC NASSCOM), Duration From: 2012, Duration To: 2012

Experience:
Experience section not found
Publications:
Publication: N/A
Publication: , Ensemble of LIF Neurons With Random Membrane Decay Constant, Emergence of Power-Law Behavior in ISI Distribution, IEEE Transactions on NanoBioscience 13(3), 308-314, DOI: 10.1109/TNB.2014.2328860 SEPT 2014 ,
Publication: N/A
Publication: , Neuronal Model With Distributed Delay, Emergence of Unimodal and Bimodal ISI Distributions. IEEE Transactions on NanoBioscience, 12(1), 1-12, DOI: 10.1109/TNB.2012.2230447. MAR 2013 ,
Publication: N/A
Publication: , Power Law Behavior in IF Model With Random Excitatory and Inhibitory Rates, IEEE Transactions on NanoBioscience, 10(1), 172 - 176, DOI: 10.1109/TNB.2011.2164808 SEPT 2011 ,
Publication: N/A

Name: Aloke Datta
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:

Biography:

Research Area: Hyperspectral Image Analysis, Pattern Recognition, Soft Computing, Image Processing, Machine Learning

Personal Information:

Education:
Degree/Diploma: Investigation of Efficient Deep Learning Techniques for Hyperspectral Image Analysis, Institute/Organization: 98500, Year: ISRO- RACS  MNIT Jaipur, Specialization: 2023

Projects:
Project Name: Investigation of Efficient Deep Learning Techniques for Hyperspectral Image Analysis, Cost: 98500, Funding Agency: ISRO- RACS  MNIT Jaipur, Duration From: 2023, Duration To: 2024

Experience:
Organization: NIT Meghalaya, Post/Designation: Assistant Professor, Duration From: 2014, Duration To: 2019

Publications:
Publication: N/A
Publication: A. Datta, Gaurav Niranjan, S. Ghosh, A. Ghosh, Biogeography based Band Selection for Hyperspectral Image Classification using CNNs, Computational Intelligence-based Hyperspectral Image Analysis (accepted), February 2024
Publication: N/A
Publication: Xuesong Li, Emmett J. Ientilucci, Abhishek Dey, Aloke Datta, Susmita Ghosh, SmokeFCM: Segmentation of Quarry Blast Smoke Plumes using Self-Adaptive Weighted Fuzzy C-Means, 50th Annual ISEE Annual Conference on Explosives & Blasting Technique, Savannah, Georgia, USA, January 2024
Publication: N/A
Publication: Aloke Datta and Gaurav Niranjan, Biogeography Based Band Selection for Hyperspectral Image Classification, Eight International Conference on Computer Vision & Image Processing (CVIP 2023), November 2023
Publication: N/A
Publication: Vedant Anand Koranne, Emmet J. Ientilucci, Abhishek Dey, Aloke Datta and Susmita Ghosh, Segmentation of Smoke Plumes using Fast Local Laplacian Filtering, Seventh International Conference on Computer Vision & Image Processing (CVIP 2022), October 2022
Publication: A. Datta, S. Ghosh and A. Ghosh, Unsupervised Band Extraction for Hyperspectral Images using Clustering and kernel Principal Component Analysis, International Journal of Remote Sensing, Vol. 38, No. 3, pp. 850-873, August 2017
Publication: A. Datta, S. Ghosh and A. Ghosh, Supervised Band Extraction of Hyperspectral Images using Partitioned Maximum Margin Criterion, IEEE Geoscience and Remote Sensing Letters, January 2017
Publication: A. Datta, S. Ghosh and A. Ghosh, Combination of Clustering and Ranking Techniques for Unsupervised Band Selection of Hyperspectral Images, IEEE Journal of Selected Topics in Applied Earth Observation and Remote Sensing, January 2015
Publication: A. Datta, S. Ghosh and A. Ghosh, Band Elimination of Hyperspectral Imagery using Partitioned Band Image Correlation and Capacitory Discrimination, International Journal of Remote Sensing, Vol. 35, No. 2, pp. 554-577, January 2014
Publication: A. Ghosh, A. Datta and S. Ghosh, Self-adaptive Differential Evolution for Feature Selection in Hyperspectral Image Data, Applied Soft Computing, Vol. 13, Issue 4, pp. 1969-1977, January 2013

Name: Saurabh Kumar
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering

Summary: Dr. Saurabh’s interests lie in intelligent and autonomous sensor systems with applications in positioning, environmental monitoring and smart cities. Please contact him if you are interested in applying for a PhD, Master’s or B.Tech. project positions in one of the following areas:

Software Engineering, Multiagent Systems, Drone-to-Drone communication, Cooperative Communication, Indoor Positioning Systems, Inference and learning from sensor data, Human-Robot Interaction, communication protocols and quality assurance for sensor networks, innovative mobile sensing platforms and architectures including participatory and social sensing, sensor tasking, control, coordination, and decision making and actuation.

Biography: Dr. Saurabh Kumar received his Bachelor of Engineering (B.E.) degree in Computer Science and Engineering from Chhattisgarh Swami Vivekanand Technical University, Bhilai, India, in 2010, M. Tech. in Computer Science from Birla Institute of Technology, Mesra, Ranchi, India, in 2013, and PhD in Computer Engineering from Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat, India, in 2019. He has been working on the problems of optimized deployment strategy and localization of nodes and events using IoT for post-disaster management. He has successfully published conference papers, journals, and book chapters with leading publication houses like ACM, IEEE, Springer, Elsevier, Inderscience and Oxford University Press in these fields. He has been an active researcher in the fields of the Internet of Things, collaborative data processing, multi-agent systems, and artificial intelligence. He was conferred with the 2020 Wilkes Award for best paper (runner-up) by Oxford University Press for his novel work on the localization of events for post-disaster management. In the past, he served as a software developer and network administrator for two years with the mining business of the Aditya Birla Group. Since 2019, he has been serving as an Assistant Professor in the Department of Computer Science and Engineering at The LNM Institute of Information Technology, Jaipur, Rajasthan, India.

Research Area: Internet of Things, Collaborative Data Processing, Multiagent Systems, Cyber-Physical Systems, Artificial Intelligence

Personal Information:

Education:
Degree/Diploma: Essel Mining and Industries Limited, Mining Business, Aditya Birla Group, Institute/Organization: Officer IT, Year: 2013, Specialization: 2015

Projects:
Projects section not found
Experience:
Organization: Essel Mining and Industries Limited, Mining Business, Aditya Birla Group, Post/Designation: Officer IT, Duration From: 2013, Duration To: 2015

Publications:
Publication: N/A
Publication: Nainsi Soni and Saurabh Kumar, An Intelligent Agent Framework for Resilient Deployment in the Internet of Things Environment, Proceedings of the International Conference on Artificial Intelligence: Theory and Applications (AITA), January 2024
Publication: N/A
Publication: Poulami Dalapati and Saurabh Kumar, Enabling sustainable technologies using the Internet of Things for Industry 4.0, Intelligent Green Communication Network for Internet of Things, May 2023
Publication: N/A
Publication: Bhavesh Borisaniya and Saurabh Kumar, IoT Network Used in Fog and Cloud Computing, Big Data, Cloud Computing and IoT: Tools and Applications, April 2023
Publication: N/A
Publication: Saurabh Kumar and Nainsi Soni, IoT-Motivated Cyber-Physical and Industrial Internet Systems, Cloud and Fog Computing Platforms for Internet of Things, June 2022
Publication: Ansh Mehta, Shubham Pabuwal, and Saurabh Kumar, Hybrid Computing Scheme for Quasi-based Deployment in the Internet of Things, Proceedings of the International Conference on Paradigms of Communication, Computing and Data Sciences (PCCDS), January 2022
Publication: Ritik Bansal, Utkarsh Khandelwal and Saurabh Kumar, Collaborative Deployment Strategy for Efficient Connectivity in the Internet of Things, Proceedings of the 2nd International Conference on MathematicalModeling, Computational Intelligence Techniques and Renewable Energy (MMCITRE),

December 2021
Publication: Saurabh Kumar, Collaborative Processing using the Internet of Things for Post-Disaster Management, Internet of Things and Its Applications, November 2021
Publication: J Sathish Kumar, Saurabh Kumar, Meghavi Choksi, and Mukesh A Zaveri, Collaborative Data Acquisition and Processing for Post Disaster Management and Surveillance Related Tasks using UAV based IoT Cloud, International Journal of Ad Hoc and Ubiquitous Computing, July 2020
Publication: Saurabh K Pandey and Mukesh A Zaveri, A Graph-based Communication Algorithm using Collaborative Computing Scheme in the Internet of Things, Proceedings of the 2nd International Conference on Advanced Computational and Communication Paradigms (ICACCP), October 2019
Publication: J Sathish Kumar, Saurabh K Pandey, Mukesh A. Zaveri, and Meghavi Choksi, Geo-fencing Technique in Unmanned Aerial Vehicles for Post Disaster Management in the Internet of Things, Proceedings of the 2nd International Conference on Advanced Computational and Communication Paradigms (ICACCP), October 2019
Publication: Saurabh K Pandey and Mukesh A Zaveri, DoA-based Event Localization using Uniform Concentric Circular Array in the IoT Environment, The Computer Journal, September 2019
Publication: J. Sathish Kumar, Mukesh A. Zaveri, Saurabh Kumar, and Meghavi Choksi, Situation Aware Conditional Sensing in Disaster Prone Areas using Unmanned Aerial Vehicles in IoT Environment, Proceedings of the International Conference on Computing, Power and Communication Technologies (GUCON), December 2018
Publication: Saurabh K Pandey, Mukesh A. Zaveri, Meghavi Choksi, and J Sathish Kumar, UAV-based Localization for Layered Framework of the Internet of Things, Proceedings of the 8th International Conference on Advances in Computing & Communication (ICACC), November 2018
Publication: Saurabh Kumar and Mukesh Zaveri, Event Localization based on Direction of Arrival using Quasi Random Deployment in Internet of Things, Proceedings of the 4th SAI Intelligent Systems Conference (IntelliSys), November 2018
Publication: Meghavi Choksi, Mukesh A. Zaveri, J Sathish Kumar, and Saurabh K Pandey, Cloud-based Real Time Data Acquisition in IoT Environment for Post Disaster Management, Proceedings of the 9th International Conference on Computing, Communication and Networking Technologies (ICCCNT), October 2018
Publication: Meghavi Choksi, Saurabh K Pandey, Mukesh A Zaveri, and Sanjay Garg, Dynamic Localization Algorithm for Wireless Sensor Networks, Proceedings of the First International Conference on Advanced Computing and Intelligent Engineering (ICACIE), February 2018
Publication: Saurabh K Pandey and Mukesh A Zaveri, Quasi Random Deployment and Localization for Layered Framework in the Internet of Things, The Computer Journal, February 2018
Publication: Saurabh K. Pandey and Mukesh A. Zaveri, Event Localization in the Internet of Things, Proceedings of 7th International Conference on Advances in Computing and Communications (ICACC), October 2017
Publication: Saurabh K Pandey and Mukesh A Zaveri, Optimized Deployment Strategy for Efficient Utilization of the Internet of Things, Proceedings of the International Conference on Advances in Electronics, Communication and Computer Technology (ICAECCT), December 2016
Publication: Saurabh K Pandey and Mukesh A. Zaveri, Hierarchical Tree-based Optimized Communication for Real Time Event Driven Internet of Things, Proceedings of 9th Annual ACM India Conference (ACM-COMPUTE), October 2016
Publication: Saurabh K. Pandey and Mukesh A. Zaveri, Localization for Collaborative Processing in the Internet of Things Framework, Proceedings of 2nd International Conference on IoT in Urban Space (UrbIoT), May 2016
Publication: Mukesh A. Zaveri, Saurabh K. Pandey, and J. Sathish Kumar, Collaborative Service Oriented Smart Grid using the Internet of Things, Proceedings of 5th International Conference on Communication and Signal Processing (ICCSP), April 2016
Publication: Itu Snigdh and Saurabh Kumar, WP – A Tree Based Response Time Algorithm for Event Driven Wireless Sensor Networks, Journal of Emerging Trends in Computing and Information Sciences, May 2013

Name: Md Imran Alam
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering

Summary:
Biography:
Research Area: Formal Methods for Program Analysis and Verification, Database Applications, Blockchain, Smart Contracts, and Machine Learning.

Personal Information:

Education:
Degree/Diploma: GLA University Mathura, UP, Institute/Organization: Assistant Professor, Year: 2021, Specialization: 2022
Degree/Diploma: Ca' Foscari University, Venice, Italy, Institute/Organization: Researcher, Year: 2020, Specialization: 2021
Degree/Diploma: Anjuman Institute of Technology and Management, Karnataka, Institute/Organization: Assistant Professor, Year: 2010, Specialization: 2013

Projects:
Projects section not found
Experience:
Organization: GLA University Mathura, UP, Post/Designation: Assistant Professor, Duration From: 2021, Duration To: 2022
Organization: Ca' Foscari University, Venice, Italy, Post/Designation: Researcher, Duration From: 2020, Duration To: 2021
Organization: Anjuman Institute of Technology and Management, Karnataka, Post/Designation: Assistant Professor, Duration From: 2010, Duration To: 2013

Publications:
Publication: N/A
Publication: Md. Imran Alam, Raju Halder, Jorge Sousa Pinto, A deductive reasoning approach for database applications using verification conditions, Journal of Systems and Software, Volume 175:110903. Elsevier Ed., 2021 MAR 2021, A deductive reasoning approach for database applications using verification conditions, Journal of Systems and Software, Volume 175:110903. Elsevier Ed., 2021 MAR 2021 ,
Publication: N/A
Publication: Md. Imran Alam and Raju Halder, Formal Verification of Database Applications using Predicate Abstraction. SN Computer Science, Volume 2(3): 1-24. Springer, 2021 JAN 2021, Formal Verification of Database Applications using Predicate Abstraction. SN Computer Science, Volume 2(3): 1-24. Springer, 2021 JAN 2021 ,
Publication: N/A
Publication: Md. Imran Alam, Raju Halder, Tailoring Taint Analysis for Database Applications in the K Framework, In International Conference on Data Science, Technology and Applications (DATA '21), Pages 370-377. Lieusaint, Paris, France, 6-8 Jul 2021. SciTePress JULY 2021 IndexedIn : [Scopus] DOI : DOI: 10.5220/0010618603700377,
Publication: N/A
Publication: Md. Imran Alam, Raju Halder, Harshita Goswami, and Jorge Sousa Pinto, K-Taint: An Executable Rewriting Logic Semantics for Taint Analysis in the K Framework. Proc. of the 13th International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE '18), Pages 359- 366. Funchal, Madeira, Portugal, 23-25 Mar 2018. SciTePress. MAR 2018, K-Taint: An Executable Rewriting Logic Semantics for Taint Analysis in the K Framework. Proc. of the 13th International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE '18), Pages 359- 366. Funchal, Madeira, Portugal, 23-25 Mar 2018. SciTePress. MAR 2018 ,
Publication: Md. Imran Alam, Angshuman Jana, and Raju Halder, A Symbolic Model Checker for Database Programs, A Symbolic Model Checker for Database Programs. Proc. of the 13th International Conference on Software Technologies (ICSOFT '18),Pages 347-354, Porto, Portugal, 26-28 Jul 2018. SciTePress. JULY 2018 IndexedIn : [Scopus] DOI : DOI: 10.5220/0006913003810388,
Publication: Md. Imran Alam and Raju Halder, Refining Dependences for Information Flow Analysis of

Database Applications., Refining Dependences for Information Flow Analysis of Database Applications. International Journal of Trust Management in Computing and Communications, Volume 3(3): 193-223. Inderscience, OCT 2016 IndexedIn : [UGC CARE List],
Publication: Md. Imran Alam and Raju Halder, Data-Centric Refinement of Information Flow Analysis of Database Applications., Proc. of the 3rd International Symposium on Security in Computing and Communications (SSCC '15), Pages 506-518. Kochi, India, 10-13 August 2015. Springer. AUG 2015 IndexedIn : [Scopus] DOI : DOI:10.1007/978-3-319-22915-7_46,

Name: Anukriti Bansal
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:
Biography:
Research Area: Image Processing, Machine Learning, Pattern Recognition

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Anukriti Bansal, Santanu Chaudhury, Sumantra Dutta Roy, J. B. Srivastava, "Newspaper Article Extraction Using Hierarchical Fixed Point Model". Document Analysis Systems 2014, "Newspaper Article Extraction Using Hierarchical Fixed Point Model". Document Analysis Systems 2014 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Ritu Garg, Anukriti Bansal, Santanu Chaudhury, Sumantra Dutta Roy, "Text graphic separation in Indian newspapers". MOCR@ICDAR 2013, "Text graphic separation in Indian newspapers". MOCR@ICDAR 2013 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Anukriti Bansal and Gaurav Harit, "Table detection in document images using header and trailer patterns". ICVGIP 2012 2012, "Table detection in document images using header and trailer patterns". ICVGIP 2012 2012 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: Anukriti Bansal, Santanu Chaudhury, Sumantra Dutta Roy, J. B. Srivastava, "Newspaper Article Extraction Using Hierarchical Fixed Point Model". Document Analysis Systems 2014, "Newspaper Article Extraction Using Hierarchical Fixed Point Model". Document Analysis Systems 2014 ,
Publication: N/A
Publication: Ritu Garg, Anukriti Bansal, Santanu Chaudhury, Sumantra Dutta Roy, "Text graphic separation in Indian newspapers". MOCR@ICDAR 2013, "Text graphic separation in Indian newspapers". MOCR@ICDAR 2013 ,
Publication: N/A
Publication: Anukriti Bansal and Gaurav Harit, "Table detection in document images using header and trailer patterns". ICVGIP 2012 2012, "Table detection in document images using header and trailer patterns". ICVGIP 2012 2012 ,
Publication: N/A

Name: Poulami Dalapati
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:

Biography:

Research Area: Artificial Intelligence, Machine Learning, Intelligent Systems, Optimization, Smart Transportation

Personal Information:

Education:
Degree/Diploma: Multi-Agent Based Modelling for Collision Handling and Delay Optimization in Indian Railway System, Institute/Organization: 828000, Year: MHRD, Govt. of India and World Bank, Specialization: 2019

Projects:
Project Name: Multi-Agent Based Modelling for Collision Handling and Delay Optimization in Indian Railway System, Cost: 828000, Funding Agency: MHRD, Govt. of India and World Bank, Duration From: 2019, Duration To: 2020

Experience:
Organization: The LNMIIT Jaipur, Post/Designation: Assistant Professor, Duration From: 2020, Duration To: 2024
Organization: BIT Sindri, Dhanbad, Post/Designation: Assistant Professor, Duration From: 2018, Duration To: 2020

Publications:
Publication: N/A
Publication: , Enabling sustainable technologies using the Internet of Things for Industry 4.0. In Intelligent Green Communication Network for Internet of Things, Enabling sustainable technologies using the Internet of Things for Industry 4.0. In Intelligent Green Communication Network for Internet of Things,
Publication: N/A
Publication: , Multi-agent-based dynamic railway scheduling and optimization, coloured petri-net model. Adv. in Comp. Int. 2, 27 (2022), Springer. https://doi.org/10.1007/s43674-022-00039-7 ,
Publication: N/A
Publication: , P. Bat Algorithm for Congestion Alleviation in Power System Network, Technology and Economics of Smart Grids and Sustainable Energy 6, 1; Springer (2021),
Publication: N/A
Publication: , Optimal Scheduling for Delay Management in Railway Network using Hybrid Bat Algorithm, Intelligent Computing in Control and Communication (ICCC 2020), Srikakulam, India, 2020. pp.1-12. In Lecture Notes in Electrical Engineering, Springer. AUG 2020 ,
Publication: , Optimal Rescheduling Of Real Power To Mitigate Congestion Using Elephant Herd Optimization, Intelligent Computing in Control and Communication (ICCC 2020), Srikakulam, India, 2020. pp.1-10. In Lecture Notes in Electrical Engineering, Springer. AUG 2,
Publication: , Congestion control by optimal engagement of distribution generation using hybrid evolutionary algorithm, International Journal of Innovative Technology and Exploring Engineering, Volume-8 Issue-12, pp. 3329-3336.,
Publication: , Dynamic process scheduling and resource allocation in distributed environment: an agent-based modelling and simulation, Mathematical and Computer Modelling of Dynamical Systems, 24:5, 505-525,
Publication: , Real-time collision handling in railway transport network: an agent-based modeling and simulation approach, Real-time collision handling in railway transport network: an agent-based modeling and simulation approach, Transportation Letters, 11:8, 458-468, DOI: 10.1080/19427867.2017.1395983. OCT 2017 ,
Publication: , MultiagentBased Algorithmic Approach for Fast Response in Railway Disaster Handling, ACM International Conference onWeb Intelligence and IntelligentAgent Technology (WI-IAT), vol. 02, pp. 316-319.,
Publication: , Multi agent based railway scheduling and optimization, Multi agent based railway scheduling and optimization", TENCON2014-2014 IEEE Region 10 Conference,,

Publication: , Multi Agent Based Dynamic Task Allocation, In Agent and Multi-Agent Systems: Technologies and Applications, pp. 171-182. Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 296),

Name: Mohit Gupta
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:
Biography:
Research Area: Web Security, Smart Contract Security(Blockchain/Ethereum/Solidity), Program Analysis, Wireless security

Personal Information:

Education:
Degree/Diploma: National Institute of Technology, Jalandhar, Institute/Organization: Assistant Professor (Contract), Year: 2013, Specialization: 2013
Degree/Diploma: National Institute of Technology, Goa, Institute/Organization: faculty (Contract), Year: 2011, Specialization: 2013
Degree/Diploma: Persistent System Ltd, Institute/Organization: Software Engineer, Year: 2011, Specialization: 2011

Projects:
Projects section not found
Experience:
Organization: National Institute of Technology, Jalandhar, Post/Designation: Assistant Professor (Contract), Duration From: 2013, Duration To: 2013
Organization: National Institute of Technology, Goa, Post/Designation: faculty (Contract), Duration From: 2011, Duration To: 2013
Organization: Persistent System Ltd, Post/Designation: Software Engineer, Duration From: 2011, Duration To: 2011

Publications:
Publication: N/A
Publication: , "Anonymous roaming authentication protocol for wireless network with backward unlinkability and natural revocation", "Anonymous roaming authentication protocol for wireless network with backward unlinkability and natural revocation", Annals of Telecommunications ,74,175–184 APRIL 2019 ,
Publication: N/A
Publication: , "Anonymous roaming authentication protocol for wireless network with backward unlinkability, exculpability and efficient revocation check", "Anonymous roaming authentication protocol for wireless network with backward unlinkability, exculpability and efficient revocation check", Journal of Ambient Intelligence and Humanized Computing, 10, 4491–4501 NOV 2019 ,
Publication: N/A
Publication: , "A Comment on “Efficient Privacy-Preserving Authentication in Wireless Mobile Networks”, "A Comment on “Efficient Privacy-Preserving Authentication in Wireless Mobile Networks”", IEEE Letters of the Computer Society, 1,1 JUN 2018 ,
Publication: N/A

Name: Mukesh K Jadon
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:
Biography:
Research Area: Data Mining, Text Mining, Machine Learning and NLP

Personal Information:

Education:
Education details not found
Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publications section not found Name: Nirmal Kumar Sivaraman
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:
Biography:
Research Area: Social Network Analysis, Information Diffusion

Personal Information:

Education:
Degree/Diploma: Infosys Limited, Institute/Organization: Senior Member - Education and Research, Year: 2008, Specialization: 2016

Projects:
Projects section not found
Experience:
Organization: Infosys Limited, Post/Designation: Senior Member - Education and Research, Duration From: 2008, Duration To: 2016

Publications:
Publication: N/A
Publication: Sivaraman, N. K., Tokala, J. R., Rupesh, R. S. C. V., & Muthiah, S. B, Event Detection in Twitter using Social Synchrony and Average Number of Common Friends. In 13th ACM Web Science Conference 2021 (pp. 115-119). JUN 2021, Event Detection in Twitter using Social Synchrony and Average Number of Common Friends. In 13th ACM Web Science Conference 2021 (pp. 115-119). JUN 2021 ,
Publication: N/A
Publication: Sivaraman, N, Exo-SIR: An Epidemiological Model to Quantify the Exogenous Information Diffusion and its Application to Detect Events. In 13th ACM Web Science Conference 2021 (pp. 145-146). JUN 2021, Exo-SIR: An Epidemiological Model to Quantify the Exogenous Information Diffusion and its Application to Detect Events. In 13th ACM Web Science Conference 2021 (pp. 145-146). JUN 2021,
Publication: N/A
Publication: Sivaraman N.K., Agarwal V., Vekaria Y., Muthiah S.B. , A Metadata-Based Event Detection Method Using Temporal Herding Factor and Social Synchrony on Twitter Data. In: Cherfi S., Perini A., Nurcan S. (eds) Research Challenges in Information Science. RCIS 2021. Lecture Notes in Business Information Processing, vol 415. Springer, Cham. MAY 2021, A Metadata-Based Event Detection Method Using Temporal Herding Factor and Social Synchrony on Twitter Data. In: Cherfi S., Perini A., Nurcan S. (eds) Research Challenges in Information Science. RCIS 2021. Lecture Notes in Business Information Processing, vol 415. Springer, Cham. MAY 2021,
Publication: N/A
Publication: Sivaraman, N. K., Muthiah, S. B., Agarwal, P., & Todwal, L., Social synchrony in online social networks and its application in event detection from twitter data., Social synchrony in online social networks and its application in event detection from twitter data. In 2020 IEEE/WIC/ACM International Joint Conference on Web Intelligence and Intelligent Agent Technology (WI-IAT) (pp. 451-456). IEEE. DEC 2020 ,
Publication: Nirmal Kumar Sivaraman, Sakthi Balan Muthiah, Pushkal Agarwal, and Lokesh Todwal, On Social Synchrony in Online Social Networks. In Proceedings of the 2017 ACM Web Science Conference.

ACM, New York, NY, USA JUN 2017, On Social Synchrony in Online Social Networks. In Proceedings of the 2017 ACM Web Science Conference. ACM, New York, NY, USA JUN 2017 ,
Publication: Nirmal Kumar S and Srinath Srinivasa, Abstractions, expressions and online collectives. In Proceedings of ACM Web Science 2015, Oxford University, UK, June 2015. JUN 2015, Abstractions, expressions and online collectives. In Proceedings of ACM Web Science 2015, Oxford University, UK, June 2015. JUN 2015 ,
Publication: Nirmal Kumar S, Sakthi Balan M, and Subrahmanya SV, An event-response model inspired by emotional behaviors. In Brain Informatics (sponsored by Web Intelligence Consortium), pages 88-97. Springer, 2011. SEPT 2011, An event-response model inspired by emotional behaviors. In Brain Informatics (sponsored by Web Intelligence Consortium), pages 88-97. Springer, 2011. SEPT 2011
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Name: Ashish Kumar Dwivedi
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary: Ashish Kumar Dwivedi, Postdoc (KTH Sweden), Ph.D., M.Tech, B.Tech., from Computer Science and Engineering department, Assistant Professor – CSE
Biography: Dr. Ashish Kumar Dwivedi has done Postdoctoral from KTH Royal Institute of Technology Sweden in Cybersecurity. He has completed his Ph.D. in Computer Science and Engineering from NIT Rourkela India. He has done his M. Tech. form NIT Rourkela India and B. Tech. from Uttar Pradesh Technical University Lucknow in Computer Science and Engineering. His research interests are Design patterns, Security Patterns, Cybersecurity and Machine Learning. Dr. Ashish is a contributor of a Europe Union Project SOCCRATES and was a teacher for a master course in KTH Royal Institute of Technology Sweden. He was an assistant professor in Gayatri Vidya Parishad College of Engineering Visakhapatnam (Autonomous), India. He has authored 10 International Journals, 15 International Conferences and supervised 7 post graduate students. He is a reviewer of various reputed journals. He has chaired various session in international conferences and delivered guest lectures in International workshops.
Research Area: Design Patterns, Security Patterns, Machine Learning and Cybersecurity

Personal Information:

Education:
Degree/Diploma: SOCCRATES, Institute/Organization: 3500000, Year: Europe Union, Specialization: 2019

Projects:
Project Name: SOCCRATES, Cost: 3500000, Funding Agency: Europe Union, Duration From: 2019, Duration To: 2022

Experience:
Organization: Education, Post/Designation: Assistant Professor, Duration From: 2017, Duration To: 2024

Publications:
Publication: N/A
Publication: Challa Karthik, Shashank Mouli Shatpathy, Ashish Kumar Dwivedi , Message Encryption in Images using LSB Steganography Sequence to Sequence Architecture, International Conference on Advances in Distributed Computing and Machine Learning (ICADCML-2021), Bhubaneswar, India, 15-16 December, 2021. JAN 2022 ,
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Conference on Electrical, Computer and Electronics, IIT BHU, IEEE, pp. 116 - 121, 9-11 December, 2016. Best Paper in IIT BHU. APRIL 2017 IndexedIn : [Scopus] DOI : 10.1109/UPCON.2016.7894692,
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Name: Gaurav Chatterjee
Email: The LNM Institute of Information Technology
Department: Electronics and Communication Engineering
Summary: Dr. Gaurav Chatterjee specializes in Advanced sensors and interfaces research. In adition to teaching core and elective courses, Dr. Chatterjee also leads the Centers of Excellence - LUCS
Biography: Dr. Gaurav Chatterjee completed Bachelor of Engineering from University of Mumbai in 2007 and Masters in electrical engineering from Arizona State University in 2009. He joined Indian institute of Technology, Bombay as a researcher in The Centre for Excellence in Nanoelectronics,

and worked towards developing microfabricated bio-sensors. He completed his doctorate from LIRMM-CNRS laboratory in Montpellier, France in 2016. He is currently serving as Assistant Professor in the Electronics and Communications engineering department of The LNMIIT, Jaipur, India. He specialises in microfabricated MEMS based sensing applications. He has won many international awards in interdisciplinary international conferences and also served as a reviewer in international journals.

Research Area: MEMS, Sensors, Robotics, Battery Management Systems

Personal Information:

Education:
Degree/Diploma: Data acquisition, optimization and analysis of MEMS inertial sensors (PI), Institute/Organization: 81, Year: CARS-DRDO, Specialization: 2021

Projects:
Project Name: Data acquisition, optimization and analysis of MEMS inertial sensors (PI), Cost: 81, Funding Agency: CARS-DRDO, Duration From: 2021, Duration To: 2024

Experience:
Organization: IIT Bombay, Post/Designation: Project Manager, Duration From: 2017, Duration To: 2018
Organization: IIT Bombay, Post/Designation: Senior Research Assistant, Duration From: 2011, Duration To: 2013
Organization: Arizona State University, Post/Designation: Assistant Research Technologist, Duration From: 2009, Duration To: 2010

Publications:
Publication: N/A
Publication: Khan Abdul Naim, Bhat Aasif Mohammad, Jena K., Lenka Trupti Ranjan, Chatterjee Gaurav, Improved breakdown voltage mechanism in AlGaN/GaN HEMT for RF/Microwave applications: Design and physical insights of dual field plate, Microelectronics Reliability, August 2023
Publication: N/A
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Publication: SG Surya, S Nag, NM Duragkar, D Agarwal, G Chatterjee, S Gandhi, Sheetal Patil, Dinesh Kumar Sharma, V Ramgopal Rao, A Low-Power Instrumentation System for Nano-Electro-Mechanical-Sensors for Environmental and Healthcare Applications, Journal of Low Power Electronics, June 2012
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Publication: MR Sierks, G Chatterjee, C McGraw, S Kasturirangan, P Schulz, S Prasad, CSF levels of oligomeric alpha-synuclein and beta-amyloid as biomarkers for neurodegenerative disease, Integrative Biology, December 2011
Publication: Chatterjee Gaurav, Prasad Shalini, Polystyrene: Properties and it's applications in sensing platforms, Polystyrene: Properties, Performance and Applications, January 2011
Publication: G Chatterjee, M Bothara, S Aithal, VJ Nagraj, P Wiktor, S Eaton, S Prasad, Nanomonitor Technology for Glycosylation Analysis, MRS Online Proceedings Library Archive 1236, Boston, USA, June 2010
Publication: Gaurav Chatterjee, An Electronic Platform for Ultra-Sensitive Protein Detection, Arizona State University, December 2009

Name: Sandeep Saini
Email: The LNM Institute of Information Technology
Department: Electronics and Communication Engineering
Summary: Sandeep Saini is a faculty member in the department of ECE and working in the domain on VLSI Design, and now a days focuses on AI based hardware desing.
Biography: Dr. Sandeep Saini is an academic and researcher in Electronics and Communication Engineering, renowned for his impactful contributions to deep learning, natural language processing, and cognitive modeling. He has obtained his B.Tech. from IIIT Hyderabad, M.S. from IIIT Hyderabad and PhD from MNIT Jaipur. He has been associated with the institute from 2011. As a Senior Member of IEEE and an active ACM member, Dr. Sandeep Saini continues to make significant contributions to academia and research. His dedication to advancing knowledge is a testament to his outstanding career in Electronics and Communication Engineering.
Research Area: VLSI Design, Cognitive Computing, Natural Language Processing, Machine Learning

Personal Information:

Education:
Degree/Diploma: Sign Language to Regional Language Converter (SLRLC), Institute/Organization: 4200000, Year: DST TIDE, Specialization: 2019

Projects:
Project Name: Sign Language to Regional Language Converter (SLRLC), Cost: 4200000, Funding Agency: DST TIDE, Duration From: 2019, Duration To: 2022

Experience:
Organization: IIIT Bangalore (Deputed at MIIT Mandalay), Post/Designation: Adjunct Assistant Professor, Duration From: 2018, Duration To: 2020
Organization: The LNM Institute of Information Technology, Jaipur, Post/Designation: Assistant Professor, Duration From: 2014, Duration To: 2024
Organization: The LNM Institute of Information Technology, Jaipur, Post/Designation: Lecturer, Duration From: 2011, Duration To: 2014
Organization: Jaypee University of Engineering and Technology, Guna, Post/Designation: Lecturer, Duration From: 2010, Duration To: 2011

Publications:
Publication: N/A
Publication: Yadav, Konark, Milind Yadav, and Sandeep Saini., "Stock Market Predictions Using FastRNN-Based Model, In Proceedings of the Seventh International Conference on Mathematics and Computing: ICMC 2021, pp. 439-450. Singapore: Springer Singapore, 2022. MAR 2022 IndexedIn : [Scopus] DOI : https://doi.org/10.1007/978-981-16-6890-6_33,
Publication: N/A
Publication: K. Lata, S. Chhabra and S. Saini,, "Hardware–Software Co-Design Framework for Data Encryption in Image Processing Systems for the Internet of Things Environment,, in IEEE Consumer Electronics Magazine, vol. 11, no. 4, pp. 92-97, 1 July 2022 JULY 2022 IndexedIn : [Scopus,WoS] DOI : https://doi.org/10.1109/MCE.2021.3115999,
Publication: N/A
Publication: Aashish, A. Thakkar, S. Yadav, S. Saini and K. Lata,, CNN and Autoencoders based Hybrid Deep Learning Model for Crop Disease Detection,, 2022 International Conference on Connected Systems & Intelligence (CSI), Trivandrum, India, 2022 SEPT 2022 IndexedIn : [Scopus,WoS] DOI : https://doi.org/10.1109/CSI54720.2022.9923983,
Publication: N/A
Publication: V. Sharma, M. Jaiswal, A. Sharma, S. Saini and R. Tomar, Dynamic Two Hand Gesture Recognition using CNN-LSTM based networks,, 2021 IEEE International Symposium on Smart Electronic Systems (iSES), Jaipur, India, 2021 DEC 2021 IndexedIn : [Scopus,WoS] DOI : https://doi.org/10.1109/iSES52644.2021.00059,
Publication: M. Jaiswal, V. Sharma, A. Sharma, S. Saini and R. Tomar,, "FPGA based Implementation of Binarized Neural Network for Sign Language Application,", 2021 IEEE International Symposium on Smart Electronic Systems (iSES), Jaipur, India, 2021, pp. 303-306 DEC 2021 IndexedIn : [Scopus,WoS] DOI : https://doi.org/10.1109/iSES52644.2021.00077,
Publication: Yadav, Konark, Milind Yadav, and Sandeep Saini. , Stock Market Predictions Using FastRNN, CNN, and Bi-LSTM-Based Hybrid Model., In Machine Vision and Augmented Intelligence—Theory and Applications: Select Proceedings of MAI 2021, pp. 1-10. Springer Singapore, 2021. NOV 2021 IndexedIn : [Scopus,WoS] DOI : https://doi.org/10.1007/978-981-16-5078-9_1,
Publication: Yadav, Konark, Milind Yadav, and Sandeep Saini., Stock values predictions using deep learning-based hybrid models.", CAAI Transactions on Intelligence Technology (CTIT), (2021). JUN 2021 IndexedIn : [Scopus] DOI : https://doi.org/10.1049/cit2.12052,
Publication: Saini, Sandeep, and Vineet Sahula. , A novel model based on Sequential Adaptive Memory for English–Hindi Translation., Cognitive Computation and Systems (IET-CCS), 3, no. 2 (2021): 142-153. JUN 2021 IndexedIn : [Scopus] DOI : DOI :10.1049/CCS2.12011,
Publication: Sandeep Saini and Vineet Sahula,, Cognitive architecture for natural language comprehension", Cognitive Computation and Systems (IET-CCS), 2.1 (2020): 23-31. FEB 2020 IndexedIn : [Scopus] DOI : https://doi.org/10.1049/ccs.2019.0017,
Publication: Vinay Jain, Divyanshu Jhawar, Sandeep Saini and Abhishek Sharma, , "Human Activity Recognition in Ambient Sensing using Sequential Networks, Communication and Data Sciences (PCCDS-2020), 01- 03 May 2020, NIT Kurukshetra, India. MAY 2020 IndexedIn : [Scopus] DOI : https://doi.org/10.1007/978-981-15-7533-4_38978-981-15-7533-4_38,
Publication: Sandeep Saini and Vineet Sahula,, "Language Learnability Analysis of Hindi: A Comparison with Ideal and Constrained Learning Approaches", Cognitive Informatics, Computer Modelling, and Cognitive Science. Academic Press, 2020. 273-290. JUN 2020 IndexedIn : [Scopus] DOI : https://doi.org/10.1016/B978-0-12-819445-4.00014-X,
Publication: Sandeep Saini and Vineet Sahula,, "Setting up a Neural Machine Translation System for English to Indian Languages Exploration of NMT for Indian languages", Cognitive Informatics, Computer Modelling, and Cognitive Science. Academic Press, 2020. 195-212. JUN 2020 IndexedIn : [Scopus] DOI : https://doi.org/10.1016/B978-0-12-819443-0.00011-8,
Publication: Konark Yadav, Aashish Lamba, Dhruv Gupta, Ansh Gupta,, Purnendu Karmakar and Sandeep Saini, "Bilingual Sentiment Analysis for a Code-mixed Punjabi English Social Media Text", 5th IEEE International Conference on Computing, Communication and Security (ICCCS), 14-16 October 2020 IIT Patna, Bihar, India OCT 2020 IndexedIn : [Scopus] DOI : DOI:

10.1109/ICCCS49678.2020.9277309,
Publication: Vaidehi Sharma, Mohita Jaiswal, Abhishek Sharma, Raghuvir Tomar and Sandeep Saini, , An Efficient Binarized Neural Network for Recognizing Two Hands Indian Sign Language Gestures in Real-Time Environment",, 7th IEEE India Council International Conference (INDICON), 11-13th December 2020, NSUT, New Delhi , India DEC 2020 IndexedIn : [Scopus] IEEE explore DOI : DOI: 10.1109/INDICON49873.2020.9342454,
Publication: Konark Yadav, Aashish Lamba, Dhruv Gupta, Ansh Gupta, Purnendu Karmakar and Sandeep Saini, , , "Bi-LSTM and Ensemble Based Bilingual Sentiment Analysis for a Code-mixed Hindi-English Social Media Text", 17th IEEE India Council International Conference (INDICON), 11-13th December 2020, NSUT, New Delhi , India. DEC 2020 IndexedIn : [Scopus] DOI : DOI: 10.1109/INDICON49873.2020.9342241,
Publication: Kusum Lata and Sandeep Saini, ardware Software Co-Simulation of an AES-128 Based Data Encryption in Image Processing Systems for the Internet of Things Environment",, IEEE International Symposium on Smart Electronic Systems (iSES) (Formerly iNiS), 14th – 16th December 2020, VIT Chennai, India. DEC 2020 IndexedIn : [Scopus] IEEE explore DOI : https://doi.org/10.1109/iSES50453.2020.00065,
Publication: Sandeep Saini and Vineet Sahula,, A Novel Cognitive Architecture to Comprehend and Process Natural Language", 20th International Conference on Computational Linguistics and Intelligent Text Processing (CICLing), April 7 to 13, 2019, La Rochelle, France. APRIL 2019 ,
Publication: Sandeep Saini and Vineet Sahula,, Language Learnability Analysis of Hindi: A Comparison with Ideal and Constrained Learning Approaches",, Springer Journal of Psycholinguistic Research (JOPR), 2019, 947-960. FEB 2019 IndexedIn : [Scopus] DOI : https://doi.org/10.1007/s10936-019-09641-2,
Publication: Nikhil Paliwal, Pankhuri Vanjani, Jing-Wei Liu, Sandeep Saini, and Abhishek Sharma. , "Image processing-based intelligent robotic system for assistance of agricultural crops.", International Journal of Social and Humanistic Computing (IJHSC), no. 2 (2019): 191-204. JUN 2019 IndexedIn : [Scopus] DOI : DOI: 10.1504/IJSHC.2019.101602,
Publication: Sandeep Saini and Vineet Sahula, , Neural Machine Translation for English to Hindi", Accepted in 4th International Conference on Information Retrieval and Knowledge Management (CAMP18), Kota Kinabalu, Malaysia, March 26-28 2018. MAR 2018 IndexedIn : [Scopus] DOI : DOI: 10.1109/INFRKM.2018.8464781,
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Publication: Sandeep Saini, Umang Sehgal and Vineet Sahula, ", Relative Clause based Text Simplification for Improved English to Hindi Translation",, , Fourth International Symposium on Natural Language Processing (NLP'15), Kerala, India 10-13 Aug 2015, AUG 2015 IndexedIn : [Scopus] DOI : DOI: 10.1109/ICACCI.2015.7275821,
Publication: Sandeep Saini, Vineet Sahula, , A Survey of A Survey of Machine Translation Techniques and Systems for Indian Languages", The International Conference on Computational intelligence and communication technology (CICT-2015), Ghaziabad, India, 13-14 February 2015. FEB 2015

IndexedIn : [Scopus] DOI : DOI: 10.1109/CICT.2015.123,
Publication: Ritajit Majumdar, Sandeep Saini,, A Novel Design of Reversible 2:4 Decoder", , International Conference on Signal Processing and Communication (ICSC 2015), Noida, India, 16-18th March 2015. MAR 2015 IndexedIn : [Scopus] DOI : DOI: 10.1109/ICSPCom.2015.7150670,
Publication: Ragini Khandelwal, Sandeep Saini, Parity Preserving Adder/Subtractor using a Novel Reversible Gate",, IEEE International Conference on Communication Systems and Network Technologies (CSNT-2015), Gwalior, 4-6th April 2015 APRIL 2015 IndexedIn : [Scopus] DOI : DOI: 10.1109/CSNT.2015.14,
Publication: Bhagyeshwari Chauhan, Avni Jain, Tanmay Chaturvedi and Sandeep Saini, , "A Cohesive Web-based platform for Fleet Management and Eco-Driving Analysis", 2015 IEEE TENSYMP - IEEE Region 10 Symposium, Ahmedabad, India, 13-15 May 2015 MAY 2015 IndexedIn : [Scopus] DOI : DOI: 10.1109/TENSYMP.2015.10,
Publication: Gupta, Yogendra, and Sandeep Saini. "Thermometer to Gray Encoders.", Performance Optimization Techniques in Analog, Mixed-Signal, and Radio-Frequency Circuit Design., . Hershey: IGI Global, 2014. 345-59. Print DEC 2014 IndexedIn : [Scopus] DOI : DOI: 10.4018/978-1-4666-6627-6.ch013,
Publication: Rohan Samria, Ankita Jha, Ridhi Jain, Shubhajit Roy Chowdhury and Sandeep Saini,, Noninvasive Cuffless Estimation of Blood Pressure using Photoplethysmography without Electrocardiograph Measurement, 2014 IEEE TENSYMP - IEEE Region 10 Symposium, 14-16 April 2014 APRIL 2014 APRIL 2014 IndexedIn : [Scopus] DOI : DOI: 10.1109/TENCONSpring.2014.6863037,
Publication: Yogendra Gupta, Sandeep Saini,, "A 4-bit, 3.2 GSPS Flash Analog to Digital Converter with a new multiplexer based encoder.", ECTI-CON 2014, Thailand May 2014. MAY 2014 IndexedIn : [Scopus] DOI : DOI: 10.1109/ECTICon.2014.6839721,
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Name: Anirudh Agarwal

Email: The LNM Institute of Information Technology

Department: Electronics and Communication Engineering

Summary: Dr. Anirudh Agarwal is working as an Assistant Professor in the Dept. of ECE at LNMIIT, Jaipur, specialized in the allied areas of wireless communications. He is supervising 3 Ph.D. scholars and has supervised numerous UG and PG students. At LNMIIT, he is also serving as Assistant Dean of Student Affairs and Co-Lead of the Centre for Next Generation Communication and Networking.

Biography: Dr. Agarwal received the Ph.D. in wireless communications from LNMIIT, Jaipur, India, where he is currently working as an Assistant Professor in the Dept. of ECE. He has published several papers in refereed journals and conferences including IEEE Wireless Comm Letter, Networking Letter, Globecom and ICC. Dr. Agarwal is currently the member of executive committee of IEEE VTS Delhi Chapter. He is the reviewer of numerous peer-reviewed journals, viz. IEEE TCOM, IEEE TMC, IEEE TCCN, IEEE WCL, IEEE Access, ETT (Wiley). His research interests include intelligent reflecting surfaces assisted 6G, UAV and D2D communication, intrabody communication, with special emphasis on applied deep learning and optimization techniques for resource allocation.

Research Area: Wireless Communication (specifically UAV, D2D communication, Intelligent reflecting surfaces, off/in-body communication) with Applied Optimization and Machine/ Deep Learning.

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: S. Chaudhary, A. Agarwal, D. Mishra and S. Shah, "Wi-Fi Energy Harvesting for IoT Implants in Body Area Networks", 9th International Conference for Convergence of Technology (I2CT), Pune, India, pp. 1-6, April 2024, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: S. Chaudhary, A. Agarwal, D. Mishra and S. Shah, "Wi-Fi Energy Harvesting for IoT Implants in Body Area Networks", 9th International Conference for Convergence of Technology (I2CT), Pune, India, pp. 1-6, April 2024
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Name: Nikhil Sharma
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Department: Electronics and Communication Engineering

Summary: Dr. Nikhil Sharma is a dedicated and accomplished faculty member at ECE Department, LNMIIT, Jaipur. He joined LNMIIT in the year 2016 and since then he has been instrumental in teaching communication related courses, doing research in next generation communication systems and has handled several key administrative positions like Head of the Department-ECE, Assistant Dean of Academics.

Biography: Dr. Nikhil Sharma earned his Ph.D. in Wireless Communication from the University of Delhi. He have more than 10 years of teaching and research experience with a focus on different aspects of wireless communication, Next Generation communication, co-operative communication, free space optical communication, visible light communication, Energy harvesting in wireless communication, Under-water optical wireless communications.

Research Area: Wireless Communications, 5G and Beyond Communication Technologies, Visible Light Communication, Optics Communication Systems, Free Space Optics, Information Theory, Information and Communication Technology, Cellular Communication, Mathematical Statistics, Stochastic Processes, Applied Probability, Statistical Analysis, Statistical Modeling, Statistical Inference, Radio Communication, Signal Processing for Communication, Channel Estimation, Estimation and Detection Theory

Personal Information:

Education:
Degree/Diploma: Development of a High data rate Visible Light Communication System for Green Wireless Technology and Healthcare, Institute/Organization: 1800000, Year: Funded by DSIR (DST), Govt. of India, Under PRISM Scheme, Specialization: 2023
Degree/Diploma: Wireless Repeater 5GNR transceiver node, Institute/Organization: 2000000, Year: Funded by Department of Telecommunication (DoT), Govt. of India, Under Under Digital Communication Innovation Square (DCIS) scheme, Specialization: 2023
Degree/Diploma: Energy Efficient RF/VLC System for IoT Applications, Institute/Organization: 3600000, Year: SERB, Govt. of India under Core Research Grant Scheme, Specialization: 2019

Projects:
Project Name: Development of a High data rate Visible Light Communication System for Green Wireless Technology and Healthcare, Cost: 1800000, Funding Agency: Funded by DSIR (DST), Govt. of India, Under PRISM Scheme, Duration From: 2023, Duration To: 2024
Project Name: Wireless Repeater 5GNR transceiver node, Cost: 2000000, Funding Agency: Funded by Department of Telecommunication (DoT), Govt. of India, Under Under Digital Communication Innovation Square (DCIS) scheme, Duration From: 2023, Duration To: 2024
Project Name: Energy Efficient RF/VLC System for IoT Applications, Cost: 3600000, Funding Agency: SERB, Govt. of India under Core Research Grant Scheme, Duration From: 2019, Duration To: 2022

Experience:

Organization: The LNM Institute of Information Technology, Jaipur, Post/Designation: Assistant Professor, Duration From: 2016, Duration To: 2024

Publications:
Publication: N/A
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Publication: Nikhil Sharma, Ankur Bansal, and Parul Garg,, \On the Performance of Selective Transmission Based DF FSO System with Generalized M-Distributed Turbulence",, IEEE Indicon- 2014, Pune, Dec. 2014., December 2014

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Department: Electronics and Communication Engineering
Summary: Purnendu Karmakar is serving Assistant Professor in the ECE Department. LNMIIT Jaipur. He is also serving as Assistant Dean, and Chief Data Officer, IDAAR Cell. He has around 20 peer reviewed publication with more than150 citations. He has supervised five MTech, one MS by Research students and more than 100 BTech students.

Biography: Purnendu Karmakar obtained his Bachelor of Electronics and Communication Engineering Degree from Kalyani Govt. Engineering College, University of Kalyani , West Bengal, India in 2002. He got his M. Tech Degree in E & ECE department, IIT, Kharagpur, India in 2008. He served as a lecturer and Senior Lecturer in Birbhum Institute of Engineering and Technology, Suri, India. From May, 2010 to March 2013, he worked as SRF in GSSST, IIT Khargapur. Since April, 2013 he is with The LNM

Institute of Information Technology as Assistant Professor in ECE Department. His area of interest is computer communication and networking, Wireless Communication, Stochastic Geometry, Energy efficiency and Social Network Analysis

Research Area: Wireless Communication, Green Communication, Stochastic Geometry, Indoor Localization, Machine Learning, Sentiment Analysis, Social Network Analysis.

Personal Information:

Education:
Degree/Diploma: Mobile Broadband Service Support over Cognitive Radio Networks, Institute/Organization: 10400000, Year: ITRA, DEITY, Govt. of India, Specialization: 2013
Degree/Diploma: Energy Efficient Radio for Next Generation Cellular,(VDA-8), Institute/Organization: 18500000, Year: Vodafone IIT Center of Excellence(VEICET, IIT Kharagpur), Specialization: 2010

Projects:
Project Name: Mobile Broadband Service Support over Cognitive Radio Networks, Cost: 10400000, Funding Agency: ITRA, DEITY, Govt. of India, Duration From: 2013, Duration To: 2016
Project Name: Energy Efficient Radio for Next Generation Cellular,(VDA-8), Cost: 18500000, Funding Agency: Vodafone IIT Center of Excellence(VEICET, IIT Kharagpur), Duration From: 2010, Duration To: 2013

Experience:
Organization: The LNM Institute of Information Technology, Jaipur, Post/Designation: Assistant Professor, Duration From: 2013, Duration To: 2024
Organization: VICET, GSSST, IIT Khargpur, Post/Designation: Senior Research Fellow, Duration From: 2010, Duration To: 2013
Organization: Birbhum Institute of Engineering and Technology, Suri, Post/Designation: Senior Lecturer, Duration From: 2008, Duration To: 2010
Organization: Jalpaiguri Govt. Engineering College, Post/Designation: Visiting Lecturer, Duration From: 2003, Duration To: 2003
Organization: Birbhum Institute of Engineering and Technology, Suri, Post/Designation: Lecturer, Duration From: 2003, Duration To: 2006

Publications:
Publication: N/A
Publication: 5. Saurav Karmakar , Dibyanshu Gautam , and Purnendu Karmakar, “Modeling and Predictions of COVID-19 Spread in India”,, “Modeling and Predictions of COVID-19 Spread in India”, International Conference on Machine Vision & Augmented Intelligence (MAI - 2021), IIITDM Jabalpur, February 11-14, 2021, FEB 2021 IndexedIn : [Scopus],
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Summary: Santosh Shah is an accomplished researcher specializing in wireless communication and sensor networks. With degrees from universities in India and Spain, he focuses on IoT security, 5G applications, and optimization problems. His work includes joint optimization of sensor selection and routing, parameter estimation, and tracking of moving target sources. Santosh has received prestigious awards for his contributions, including Best Paper Awards at international conferences.
Biography: Santosh Shah is an accomplished researcher with a diverse academic background. He holds a B.E. degree in Electronics and Telecommunication Engineering from Pt. Ravishankar Shukla University, Raipur, India, and an M.S. degree in Communication and Computer Engineering from LNM Institute of Information Technology, Jaipur, India. In 2014, he earned his Ph.D. in Information Technologies, Communications, and Computational Mathematics from the University of Valencia, Spain.

His research interests span several key areas, including resource allocation in UAVs, security issues in IoT, IoT applications in 5G wireless communication, and various optimization problems related to sensor networks. Specifically, he focuses on joint optimization of sensor selection and routing for distributed estimation, centralized and distributed algorithms, parameter estimation, convex and nonconvex optimization, resource allocation, adaptive quantization, and tracking & estimation of moving target sources in ad-hoc wireless sensor networks.

Santosh Shah's contributions to the field have been recognized with prestigious awards, including the Best Paper Award at the IEEE DCOSS 2012 international conference in China and the IEEE ICACCI 2016 in India. Through his research and academic endeavors, he continues to make significant contributions to the advancement of wireless communication and sensor network technologies.
Research Area: Resource Allocation in UAV Swarms for Surveillance Applications, Joint Optimization of Sensor Selection and Routing in IoT Networks, Centralized vs. Distributed Algorithms for Resource Allocation in Wireless Networks, Convex and Nonconvex Optimization Methods for Resource Allocation.

Personal Information:

Education:
Degree/Diploma: Data acquisition, optimization and analysis of MEMS inertial sensors (Co-PI), Institute/Organization: 1000000, Year: CARS-DRDO, Specialization: 2021

Projects:
Project Name: Data acquisition, optimization and analysis of MEMS inertial sensors (Co-PI), Cost: 1000000, Funding Agency: CARS-DRDO, Duration From: 2021, Duration To: 2023

Experience:
Organization: The LNM Institute of Information Technology, Jaipur (Rajasthan), India, Post/Designation: Assistant Professor, Duration From: 2014, Duration To: 2024
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Organization: ISHAN Institute of Management & Technology, Greater Noida, Uttar Pradesh, India, Post/Designation: Teaching Assistant, Duration From: 2004, Duration To: 2005
Organization: Copper Connection Private (I) Limited New Delhi (India), Post/Designation: Developer, Duration From: 2004, Duration To: 2004

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Publication: Shah, S.; Beferull-Lozano, B., "Power-Aware Joint Sensor Selection and Routing for Distributed Estimation, 2012 IEEE 8th International Conference on, pp. 230-238, 16-18 May 2012. doi: 10.1109/DCOSS.2012.19 MAY 2012 ,
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Publication: Shah, S.; Sinha V., "Iterative Decoding vs. Viterbi Decoding: a Comparison, National Conference on Communication, IIT Powai, Mumbai (India), page 494- 497, 01 - 03 February 2008. FEB 2008 ,
Publication: Shah S.; Maskara S. L.; Sinha V., "Software Radio in Mobile Communication Systems:, National Conference on Recent Advancement in Microwave Techniques and Application, Jaipur (India), pages 340-346, 04 - 06 October, 2006. OCT 2006 ,
Publication: Shah S.; Maskara S. L.; Sinha V., Reconfigurable Radio Using Software Technologies,, 22nd National Convention of Electronics and Telecommunication Engineers, Jaipur (India), 04 - 05 August, 2006. AUG 2006 ,

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Summary: Dr Jena's research interests include semiconductor device physics, device design for logic,
analog and RF applications, MOSHEMT structures for biosensing applications and GaN-based wide bandgap devices for microwave applications. In these fields, he has coauthored more than 30 scientific articles in reviewed international journals/conferences. His work has been well cited in journals and conference proceedings. He has been a technical reviewer for several IEEE, Elsevier, IOP, IET, Springer and Wiley journals.
Biography: Kanjalochan Jena has received the Ph.D. degree in Microelectronics from the National Institute
of Technology, Silchar, India, in 2016. He worked as Assistant Professor (from June 2016 to June 2018) in the School of Electronics Engineering of Kalinga Institute of Industrial Technology Bhubaneswar, India. From July 2018, he has been working as an Assistant Professor at THE LNM Institute of Industrial Technology, Jaipur, India.
Research Area: Solid-State Devices, Nanotechnology and Biosensors:Compact Modeling and Simulation

Personal Information:

Education:
Degree/Diploma: KIIT Deemed To be University, Institute/Organization: Assistant Professor, Year: 2016, Specialization: 2018

Projects:
Projects section not found
Experience:
Organization: KIIT Deemed To be University, Post/Designation: Assistant Professor, Duration From: 2016, Duration To: 2018

Publications:

Publication: N/A
Publication: A. N. Khan, Meenakshi Chauhan, K. Jena, G. Chatterjee,, “Improved Analog performance of PZT Ferroelectric AlGaN/AlN/GaN E-Mode GR-MOSHEMT”, “Improved Analog performance of PZT Ferroelectric AlGaN/AlN/GaN E-Mode GR-MOSHEMT”, In 2022 The Maiden Edition of IEEE Delhi Section International Conference on Electrical, Electronics and Computer Engineering, IEEE, 2022.[Accepted, In Press] FEB 2022 ,
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https://www.lnmiit.ac.in/Department/ECE/ece_FacultyProfile.aspx?nDeptID=40373#:~:text=%E2%80%9CModel%20Development%20for%20I%2DV%20and%20Transconductance%20Characteristics%20of%20Normally%2Doff%20AlN/GaN%20MOSHEMT%2C%E2%80%9D%20Semiconductors%2C%20vol.%2050%2C%20Issue%2003%2C%20pp.%20384%2D389%20%C2%A0%C2%A0%20MAR%C2%A0%C2%A02016%20%C2%A0%C2%A0%20%C2%A0%C2%A0,
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Summary: Ritesh Bhardwaj (IEEE M'17- till date) is an assistant professor in Electronics and Communication Engineering department at LNMIIT.
He received the PhD degree in Electrical Engineering from Indian Institute of Technology Indore in 2020.

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Biography:

Research Area: Semiconductor Physics & Devices, Photovoltaics, Emerging Memories

Personal Information:

Education:
Degree/Diploma: LNMIIT, Institute/Organization: Assistant Professor, Year: 2023, Specialization: 2024

Projects:
Projects section not found
Experience:
Organization: LNMIIT, Post/Designation: Assistant Professor, Duration From: 2023, Duration To: 2024

Publications:
Publications section not found

Name: Jeet Ghosh

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Summary: Dr. Jeet Ghosh is a faculty member at the ECE Department, LNMIIT, Jaipur. He holds a Ph.D. from Indian Institute of Engineering Science and Technology, Shibpur, West Bengal in the year of 2020.

Biography: Dr. JEET GHOSH received the B.Tech. degree in Electronics and Communication Engineering from the West Bengal University of Technology, Kolkata, India, in 2011, the M.Tech. degree in electronics
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Research Area: RF and Microwave Antenna, Metamaterial, Artificial Electromagnetic Surfaces.

Personal Information:

Education:
Degree/Diploma: Chaitanya Bharati Institute of Technology, Hyderabad, Institute/Organization: Assistant Professor, Year: 2021, Specialization: 2023
Degree/Diploma: GITAM University, Bengaluru, Institute/Organization: Assistant Professor, Year: 2019, Specialization: 2021

Projects:
Projects section not found
Experience:
Organization: Chaitanya Bharati Institute of Technology, Hyderabad, Post/Designation: Assistant Professor, Duration From: 2021, Duration To: 2023
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Name: Joyeeta Singha
Email: The LNM Institute of Information Technology
Department: Electronics and Communication Engineering
Summary:
Biography:
Research Area: Image and Video Processing, Hand gesture recognition, Computer Vision

Personal Information:

Education:
Degree/Diploma: Multimoda user interface for assisting elderly people in indoor environment, Institute/Organization: 2300000, Year: DST (SEED Division), Specialization: 2019

Projects:
Project Name: Multimoda user interface for assisting elderly people in indoor environment, Cost: 2300000, Funding Agency: DST (SEED Division), Duration From: 2019, Duration To: 2022

Experience:
Experience section not found
Publications:
Publication: N/A
Publication: S. Misra, J. Singha, R.H. Laskar,, "Vision based hand gesture recognition of alphabets, numbers, arithmetic operators and ASCII characters in order to develop a virtual text-entry interface system", "Vision based hand gesture recognition of alphabets, numbers, arithmetic operators and ASCII characters in order to develop a virtual text-entry interface system", Neural Computing and Applications

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Publication: J. Singha and K. Das, “Recognition of Indian Sign Language in Live Video”, “Recognition of Indian Sign Language in Live Video”, International Journal of Computer Applications, Vol. 70, No. 19, May 2013, pp. 17-22, DOI: 10.5120/12174-7306. 2013,

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Summary: Dr. Harish Chandra Kumawat is a faculty member at the ECE Department, LNMIIT, Jaipur. He holds a Ph.D. from Defence Institute of Advanced Technology, DRDO, Pune. He joined LNMIIT in the year 2023.

Biography: Dr. Harish C. Kumawat received the B.Tech. degree in Electronics and Communication Engineering from Rajasthan Technical University, Kota, India, in 2011, and the M.Tech. degree in Microwave and Optical Communication from Delhi Technological University, New Delhi, India, in 2014. He received his P.hD. in Radar Signal processing from DIAT, DRDO, Pune, India in 2022. He worked as a lecturer with the Government Engineering College Bikaner, from 2014 to 2018 and as an Assistant Professor with SRMIST, KTR, Chennai from 2022 to 2023.

Research Area: RF, Signal Processing, Radar, Radar Signal Processing

Personal Information:

Education:
Degree/Diploma: SRM Institute of Science & Technology, Chennai, Institute/Organization: Assistant Professor, Year: 2022, Specialization: 2023
Degree/Diploma: Govt. Engineering College Bikaner, Institute/Organization: Lecturer, Year: 2014, Specialization: 2017

Projects:
Projects section not found
Experience:
Organization: SRM Institute of Science & Technology, Chennai, Post/Designation: Assistant Professor, Duration From: 2022, Duration To: 2023
Organization: Govt. Engineering College Bikaner, Post/Designation: Lecturer, Duration From: 2014, Duration To: 2017

Publications:
Publication: N/A
Publication: S. Tandon, A. Vig, M. Kartik and H. C. Kumawat, Real-Time Face Transition using Deepfake Technology (Gan Model), 2023 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence (RAEEUCCI), Chennai, India, May 2023
Publication: N/A
Publication: D. Jayakumar, H. C. Kumawat and A. A. B. Raj, A New Algorithm for Automated LSS Targets’ Activities Measurement Based on a 24GHz CW RF Sensor, International Conference for

Advancement in Technology (ICONAT), Goa, India, 2023, April 2023
Publication: N/A
Publication: 1. Harish Chandra Kumawat, and A A Bazil Raj, Approaching/Receding Target Detection using CW Radar, IEEE 5th International Conference on Communication and Electronics Systems (ICCES), Coimbatore, India, July 2020
Publication: N/A
Publication: A. P. Lakshminarayanan, Harish Chandra Kumawat, and A A Bazil Raj, Moving Target Detection in Foliage Environment using FMCW Radar, IEEE 5th International Conference on Communication and Electronics Systems (ICCES), Coimbatore, India, July 2020
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Publication: H. C. Kumawat, and A. A. Bazil Raj., "SP-WVD with Adaptive-Filter-Bank-Supported RF Sensor for Low RCS Targets' Nonlinear Micro-Doppler Signature/Pattern Imaging System.", "SP-WVD with Adaptive-Filter-Bank-Supported RF Sensor for Low RCS Targets' Nonlinear Micro-Doppler Signature/Pattern Imaging System." Sensors, 22, no. 3 (2022): 1186 FEB 2022 DOI : 10.3390/s22031186,
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Micro-to-Macro Rotations/Motions using CW Radar Assisted Measurement System,", "Extraction of Doppler Signature of Micro-to-Macro Rotations/Motions using CW Radar Assisted Measurement System," in IET Science, Measurement and Technology, vol. 14, pp.772-785, 2020 SEPT 2020 DOI : 10.1049/iet-smt.2018.5563,

Name: Vaibhav Kumar Gupta
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Summary:

Biography: Vaibhav Kumar Gupta (Member, IEEE) received the M.Tech. degree in electronics and communication engineering (ECE) from the National Institute of Technology (NIT), Kurukshetra, in 2014, and the Ph.D. degree in electrical engineering from the Indian Institute of Technology (IIT) Bombay, in 2020. Following this, he held the position of a Postdoctoral Researcher at the Laboratoire Informatique d'Avignon in France and then continued his postdoctoral research with the Signal Processing & Satellite Communications research group at SnT, University of Luxembourg. His research interests include game theoretic aspects and algorithms for wireless cellular networks, Non-Terrestrial Networks (NTN), coflow scheduling, and resource allocation in data centers. He received the Gold Medal for being adjudged the best Master's Student at the Department of Electronics and Communication Engineering (ECE), NITK.

Research Area: Game theoretic aspects and algorithms for wireless cellular networks, Non-Terrestrial Networks (NTN), coflow scheduling and resource allocation in data centers.

Personal Information:

Education:
Degree/Diploma: University of Luxembourg, Institute/Organization: Research Associate, Year: 2022, Specialization: 2023
Degree/Diploma: Avignon University, Institute/Organization: Research Associate, Year: 2020, Specialization: 2021

Projects:
Projects section not found
Experience:
Organization: University of Luxembourg, Post/Designation: Research Associate, Duration From: 2022, Duration To: 2023
Organization: Avignon University, Post/Designation: Research Associate, Duration From: 2020, Duration To: 2021

Publications:
Publication: N/A
Publication: Vaibhav Kumar Gupta; Hayder Al-Hraishawi; Eva Lagunas; Symeon Chatzinotas, Traffic-Aware Satellite Switch-off Technique for LEO Constellations, IEEE Globecom, December 2022
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Publication: Vivek S. Borkar, Shantanu Choudhary, Vaibhav Kumar Gupta, Gaurav S. Kasbekar, Scheduling in Wireless Networks with Spatial Reuse of Spectrum as Restless Bandits, Performance Evaluation, September 2021
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Publication: N/A
Publication: VAIBHAV KUMAR GUPTA
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Publication: Vaibhav Kumar Gupta; Ashwathi Nambiar; Gaurav S. Kasbekar, Complexity Analysis, Potential Game Characterization and Algorithms for the Inter Cell Interference Coordination with Fixed Transmit Power Problem, IEEE TVT, November 2017
Publication: Vaibhav Kumar Gupta; Poonam Jindal, Cooperative Jamming and Aloha Protocol for Physical Layer Security, Fourth International Conference on Advanced Computing & Communication Technologies, February 2014

Name: Deepshikha Lodhi
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Department: Electronics and Communication Engineering
Summary: Dr. Deepshikha Lodhi is a faculty member at the ECE Department, LNMIIT, Jaipur. She received a Ph.D. degree from Malaviya National Institute of Technology, Jaipur, India in 2023.

Biography: Dr. Deepshikha Lodhi is working as an Assistant Professor in Department of Electronics and Communication Engineering at LNMIIT Jaipur, India. She has completed her doctoral degree from Malaviya National Institute of Technology, Jaipur . She has also worked as a Guest Lecturer at MNIT Jaipur and Gautam Buddha University, Greater Noida, India. She has obtained her M. Tech degree in RF and Microwave from NSUT East Campus Delhi in 2016. She is the active member of IEEE for 4 years. She has also served as the reviewer of several reputed international conferences.She has published articles in various reputed journals and conferences. Her research interest lies in the area of ultrawideband and superwideband antennas, MIMO antennas, circularly polarized antennas, dielectric resonator antennas and THz antennas.

Research Area: RF and Microwave, UWB MIMO antennas, THz antennas, Dielectric Resonator antennas, Circularly polarized antennas

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: CPW Fed Shovel Shaped Superwideband MIMO Antenna for 5G applications, D. Lodhi and S. Singhal, Journal of Electronics and Communication, AEU vol. 168, pp. 154700, August 2023, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Conformal strip fed circularly polarized defected dielectric resonator antenna (CPDDRA) for 6G applications, R. Mali, D. Lodhi, and S. Singhal,, Waves in Random and Complex Media, pp. 1–14, April 2023, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Projects:
Projects section not found
Experience:
Experience section not found
Publications:
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Publication: "Compact CPW Fed Nonagonal UWB Antenna," , R. Mali, D. Lodhi and S. Singhal,, 2021 IEEE Indian Conference on Antennas and Propagation (InCAP), 2021, pp. 99-101, March 2021
Publication: "CPW-Fed Pentagonal Superwideband Fractal Antenna," 2020 , D. Lodhi and S. Singhal,, URSI Regional Conference on Radio Science (URSI-RCRS), 2020, pp. 1-4, , April 2020

Name: Gurinder Singh
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Department: Electronics and Communication Engineering
Summary: Dr. Gurinder Singh is a faculty member in Department of Electronics and Communication Engineering, LNMIIT Jaipur. His research interests include visible light communication (VLC), hybrid VLC-RF architecture, Non-Orthogonal Multiple Access (NOMA), Reconfigurable Intelligent Surfaces (RIS), Edge Computing, and Machine Learning.

Biography: Dr. Gurinder Singh earned his bachelor’s degree from the Department of Electronics and Communication Engineering, National Institute of Technology (NIT) Meghalaya, India, in 2014. He was awarded with the Institute's Gold Medal for securing the highest CGPA in the Department of Electronics & Communication Engineering, NIT Meghalaya. He obtained his master’s degree with specialization in communication engineering from the Indian Institute of Technology (IIT) Guwahati, India, in 2016. Recently, he has successfully defended his doctoral thesis titled “An Investigation on the Performance of Hybrid Visible Light and Radio Frequency for Vehicular Communications” in the Department of Electronics and Communication Engineering, IIIT-Delhi (IIIT-D), India. His doctoral research is an outcome of the research and development (RD) work undertaken under the Visvesvaraya PhD Scheme of the Ministry of Electronics & Information Technology, Government of India, implemented by Digital India Corporation. His research has been widely disseminated in various quality IEEE journals such as IEEE Transactions on Intelligent Transportation System, IEEE Transactions on Vehicular Technology, IEEE Open Journal of Vehicular Technology and IEEE Systems Journal. Prior to joining IIIT-D as a full-time doctoral candidate, he served as Trainee Teacher in the Department of Electronics and Communication Engineering, NIT Mizoram, India for three years (Jul 2014-Jun 2017). Further, he had an opportunity to work with 5G RAN1 standards team at Samsung Research Institute, Bengaluru (SRI-B), India as a research intern for six months(Jan-July 2023). He joined the LNM Institute of Information Technology as an Assistant Professor in the Department of Electronics & Communication Engineering on August 31, 2023.

Research Area: Visible Light Communication (VLC), hybrid VLC-RF architecture, Non-Orthogonal Multiple Access (NOMA), Edge Computing, Machine Learning and Reconfigurable Intelligent Surfaces (RIS).

Personal Information:

Education:
Degree/Diploma: Samsung Research Institute, Bengaluru (SRI-B), Institute/Organization: Research Intern, Year: 2023, Specialization: 2023
Degree/Diploma: NIT Mizoram, Institute/Organization: Trainee Teacher, Year: 2014, Specialization: 2017

Projects:
Projects section not found
Experience:
Organization: Samsung Research Institute, Bengaluru (SRI-B), Post/Designation: Research Intern, Duration From: 2023, Duration To: 2023
Organization: NIT Mizoram, Post/Designation: Trainee Teacher, Duration From: 2014, Duration To: 2017

Publications:
Publication: N/A
Publication: T. Pal, G.Singh, A. Srivastava, and V.A.Bohara, “On Performance of Optical-RIS Aided Vehicular Communication Systems”, “On Performance of Optical-RIS Aided Vehicular Communication Systems”, Wireless World Research Forum Meeting 47, Bristol, UK, June 2022. JUN 2022 IndexedIn : [WoS],
Publication: N/A
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Publication: N/A
Publication: G. Singh, A. Srivastava and V. A. Bohara, , "Visible Light and Reconfigurable Intelligent Surfaces for Beyond 5G V2X Communication Networks at Road Intersections,", "Visible Light and Reconfigurable Intelligent Surfaces for Beyond 5G V2X Communication Networks at Road Intersections," in IEEE Transactions on Vehicular Technology, vol. 71, no. 8, pp. 8137-8151, Aug. 2022. (IF: 6.24) AUG 2022 IndexedIn : [Scopus] DOI : 10.1109/TVT.2022.3174131,
Publication: N/A
Publication: G. Singh, A. Srivastava, V. A. Bohara, Z. Liu, M. Noor-A-Rahim and G. Ghatak, "Heterogeneous Visible Light and Radio Communication for Improving Safety Message Dissemination at Road Intersection,", "Heterogeneous Visible Light and Radio Communication for Improving Safety Message Dissemination at Road Intersection," in IEEE Transactions on Intelligent Transportation Systems, vol. 23, no. 10, pp. 17607-17619, Oct. 2022. (IF: 8.5) OCT 2022 IndexedIn : [Scopus] DOI : 10.1109/TITS.2022.3156119,
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Publication: G.Singh, A. Srivastava, and V.A.Bohara, “Stochastic Geometry Based Interference Characterization for RF and VLC Based Vehicular Communication System”, “Stochastic Geometry Based Interference Characterization for RF and VLC Based Vehicular Communication System”, IEEE Systems Journal, vol. 15, no. 2, pp. 2035-2045, May, 2021. (IF: 4.8) MAY 2021 IndexedIn : [Scopus] DOI : 10.1109/JSYST.2020.3027883,
Publication: G.Singh, A. Srivastava, V.A.Bohara, and Zilong L, “Comparison of PD-NOMA for RF and VLC based Vehicular Communication Under Various Weather Conditions”, . “Comparison of PD-NOMA for RF and VLC based Vehicular Communication Under Various Weather Conditions”, Wireless World Research Forum Meeting 44, Copenhagen, Denmark, June, 2020. JUN 2020 IndexedIn : [WoS] DOI : 10.13052/nbjict1902-097X.2020.016,
Publication: K. Joshi, N. Roy, G. Singh, V. A. Bohara and A. Srivastava, "Experimental Observations on the Feasibility of VLC-Based V2X Communications under various Environmental Deterrents,",

"Experimental Observations on the Feasibility of VLC-Based V2X Communications under various Environmental Deterrents," 2019 IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS), Goa, India, 2019, pp. 1-4. DEC 2019 IndexedIn : [Scopus] DOI : 10.1109/ANTS47819.2019.9118001,
Publication: G. Singh, A. Srivastava, and V. A. Bohara, “Impact of Weather Conditions and Interference on the Performance of VLC based V2V Communication,”, “Impact of Weather Conditions and Interference on the Performance of VLC based V2V Communication,” in Proc. IEEE 21st International Conference on Transparent Optical Network (ICTON), Angers, France, July, 2019. JULY 2019 IndexedIn : [Scopus] DOI : 10.1109/ICTON.2019.8840164,
Publication: G. Singh, A. Srivastava and V. A. Bohara, “On Feasibility of VLC based Car-to-Car Communication under Solar Irradiance and Fog Conditions”, “On Feasibility of VLC based Car-to-Car Communication under Solar Irradiance and Fog Conditions”, C3VP workshop, ACM MobiCom, New Delhi, India, Oct 2018. OCT 2018 IndexedIn : [Scopus] DOI : 10.1145/3267195.3267198,
Publication: G. Singh, A. Srivastava and V. A. Bohara, , “Experimental Observations on Hybrid RF-Solar Energy Harvesting Circuit for Low Power Applications”, “Experimental Observations on Hybrid RF-Solar Energy Harvesting Circuit for Low Power Applications”, IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS), IIT Indore, India, Dec 2018 DEC 2018 IndexedIn : [Scopus] DOI : 10.1109/ANTS.2018.8710137,
Publication: G. Singh and R. S. Kshetrimayum, , “Some experimental observation on implicit Crank Nicolson FDTD method-based modeling of Lorentzian DNG metamaterial", , “Some experimental observation on implicit Crank Nicolson FDTD method-based modeling of Lorentzian DNG metamaterial", in Proc. IEEE ICIIS, IIT Roorkee, India, Dec 2016. DEC 2016 IndexedIn : [Scopus] DOI : 10.1109/ICIINFS.2016.8262940,

Name: Shailza Gotra
Email: The LNM Institute of Information Technology
Department: Electronics and Communication Engineering
Summary: Dr. Shailza Gotra is dedicated to fostering academic excellence through teaching, research, and service. With expertise in Microwave antennas, absorbers and Radar systems, she strives to inspire and empower students while advancing knowledge in different research areas for technological advancements. She joined LNMIIT in 2023 and currently teaching core engineering courses along with the research in Microwave absorbers, antennas and Microwave imaging radar systems for through-wall imaging and Biomedical applications.

Biography: Dr. Shailza Gotra is working as Assistant Professor in the Department of Electronics and Communication Engineering at LNMIIT, Jaipur, India. She worked as Research Associate at Indian Institute of Technology Roorkee from 2021-23. During this period, her research area was Design and Development of MIMO based Through-Wall Imaging Radar. She completed her PhD in 2021 from the National Institute of Technology Delhi. Her research area includes the advancements in design and development of Dielectric Resonator Antennas. She was awarded the Mangalagiri’s Award for Best female student Ph.D. Thesis by IEEE Women in Engineering (WIE) committee in 2022. She is significantly contributing to the research areas of Microwave and Millimeter-wave Antennas, MIMO Antennas, THz Graphene antennas, Optical Nano-antennas, Microwave Absorbers, and Microwave Imaging Radar Systems. She published several high impact research papers in various reputable journals, including IEEE Transactions on Antennas and Propagation. Along with this, she has also reviewed submissions for various reputed journals including Physica Scripta, JOSA A, JOSA B, and Applied Optics.

Research Area: Microwave and Millimeter wave Antennas: Dielectric Resonator Antennas, Graphene Antennas, Radar Systems: Through-wall Imaging Radar Systems, Foliage Penetration Radar Systems, Microwave Radar Systems for Biomedical Applications, Microwave Absorbers, Electromagnetics

Personal Information:

Education:
Degree/Diploma: Indian Institute of Technology Roorkee, Institute/Organization: Research Associate, Year: 2021, Specialization: 2023

Projects:
Projects section not found
Experience:
Organization: Indian Institute of Technology Roorkee, Post/Designation: Research Associate, Duration From: 2021, Duration To: 2023

Publications:
Publication: N/A
Publication: Y. Rai, S. Gotra, B. Kumar, S. Agarwal, D. Singh , A Compact Ultrawideband Antipodal Vivaldi Antenna and Its Efficacy in Through-Wall Imaging, Sensing and Imaging, February 2024
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Publication: A. Verma, S. Gotra, D. Singh and G. D. Varma, Tunable Magnetic Material based Composite Microwave Absorber for Stealth Applications, 2023 IEEE Wireless Antenna and Microwave Symposium (WAMS), June 2023
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Publication: Shailza Gotra, and Vinay Shanker Pandey, , Two-Port Silicon-Based MIMO Nano-Dielectric Resonator Antenna with Polarization Diversity for Photonics Applications, Progress In Electromagnetics Research C, February 2023
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Publication: G. Varshney, Shailza Gotra, VS Pandey, RS Yaduvanshi, Proximity-coupled graphene-patch-based tunable single-/dual-band notch filter for THz applications, Journal of Electronic Materials, August 2019
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Publication: A. Banwari, Shailza Gotra, Z. Hashim, S. Saxena, Design of Chamfered H-bend in Rectangular Substrate Integrated Waveguide for K-band Applications, Soft Computing: Theories and Applications , November 2017
Publication: Z. Hashim, Shailza Gotra, S.Pani, M R Tripathy, A. Banwari, Ku-Band Microstrip Patch Linear Array Antenna for Police Radar System, Indian Journal of Science and Technology, August 2017
Publication: A. Banwari, R. Shreyam, Shailza Gotra, S. Saxena, Design of E-Plane Tee Junction in RSIW for C-Band Applications, International Conference on Soft Computing and Pattern Recognition, December 2016

Publication: Shailza Gotra, Z. Hashim, S. Pani, M R Tripathy, A Banwari, C-band microstrip patch linear array antenna for microwave radio relay, CSI transactions on ICT, Springer, December 2016
Publication: Shailza Gotra, M. R. Tripathy, Z. Hashim, S. Pani, A compact SRR loaded patch antenna for C-band applications, 2016 IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES), April 2016

Name: Umesh Sharma
Email: The LNM Institute of Information Technology
Department: Electronics and Communication Engineering
Summary: A self-motivated, passionate Researcher in Signal Processing for Sensing and Communication
Biography:
Research Area: Statistical & Deterministic Digital Signal Processing; Spectral Analysis of Signals; Signal Processing & Machine Learning for Sensing (RADAR, SONAR, etc.) and Communication

Personal Information:

Education:
Degree/Diploma: The LNMIIT Jaipur, Institute/Organization: Assistant Professor, Year: 2023, Specialization: 2024
Degree/Diploma: KIET Group of Institutions Ghaziabad, Delhi-NCR, Institute/Organization: Assistant Professor, Year: 2023, Specialization: 2023
Degree/Diploma: Indian Institute of Technology Delhi, Institute/Organization: Research/Teaching Assistant, Year: 2018, Specialization: 2022
Degree/Diploma: Bharat Sanchar Nigam Limited, Institute/Organization: J.E., Year: 2017, Specialization: 2017
Degree/Diploma: KIET Group of Institutions Ghaziabad, Delhi-NCR, Institute/Organization: Assistant Professor, Year: 2012, Specialization: 2017
Degree/Diploma: S.D. Institute of Technology & Management, Panipat, Delhi-NCR, Institute/Organization: Lecturer, Year: 2011, Specialization: 2012

Projects:
Projects section not found
Experience:
Organization: The LNMIIT Jaipur, Post/Designation: Assistant Professor, Duration From: 2023, Duration To: 2024
Organization: KIET Group of Institutions Ghaziabad, Delhi-NCR, Post/Designation: Assistant Professor, Duration From: 2023, Duration To: 2023
Organization: Indian Institute of Technology Delhi, Post/Designation: Research/Teaching Assistant, Duration From: 2018, Duration To: 2022
Organization: Bharat Sanchar Nigam Limited, Post/Designation: J.E., Duration From: 2017, Duration To: 2017
Organization: KIET Group of Institutions Ghaziabad, Delhi-NCR, Post/Designation: Assistant Professor, Duration From: 2012, Duration To: 2017
Organization: S.D. Institute of Technology & Management, Panipat, Delhi-NCR, Post/Designation: Lecturer, Duration From: 2011, Duration To: 2012

Publications:
Publication: N/A
Publication: U. Sharma and M. Agrawal, "3rd–order cumulants-based DOA estimation in the presence of colored Gaussian noise,", "3rd–order cumulants-based DOA estimation in the presence of colored Gaussian noise," OCEANS 2022, Hampton Roads, Hampton Roads, VA, USA, 2022, pp. 1-4, doi: 10.1109/OCEANS47191.2022.9977174. DEC 2022 IndexedIn : [Scopus,WoS,UGC CARE List] DOI : 10.1109/OCEANS47191.2022.9977174,
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Of Multiple Sources Using An AVS,", "Third-Order Cumulants-Based Method To Estimate 2-D DOAs Of Multiple Sources Using An AVS," OCEANS 2022 - Chennai, Chennai, India, 2022, pp. 1-4, doi: 10.1109/OCEANSChennai45887.2022.9775332. FEB 2022 IndexedIn : [Scopus,WoS,UGC CARE List] DOI : 10.1109/OCEANSChennai45887.2022.9775332,
Publication: N/A
Publication: U. Sharma, M. Agrawal, ”2qth-Order Cumulants Based Virtual Array of a Single Acoustic Vector Sensor”, ”2qth-Order Cumulants Based Virtual Array of a Single Acoustic Vector Sensor”. Digital Signal Processing, vol. 123, Apr. 2022, p. 103438, https://doi.org/10.1016/j.dsp.2022.103438. (SCI, IF 2.9) JAN 2022 IndexedIn : [Scopus,WoS,UGC CARE List] DOI : https://doi.org/10.1016/j.dsp.2022.103438,
Publication: N/A
Publication: U. Sharma and M. Agrawal, "Study of Sub-Nyquist Sampling Techniques for Multi-band Signals,", "Study of Sub-Nyquist Sampling Techniques for Multi-band Signals," 2020 IEEE 17th India Council International Conference (INDICON), New Delhi, India, 2020, pp. 1-5, doi: 10.1109/INDICON49873.2020.9342573. DEC 2020 IndexedIn : [Scopus,WoS,UGC CARE List] DOI : 10.1109/INDICON49873.2020.9342573,
Publication: U. Sharma and M. Agrawal, "Fourth-Order Cumulants based Underdetermined 2-D DOA Estimation using Single AVS,", "Fourth-Order Cumulants based Underdetermined 2-D DOA Estimation using Single AVS," Global Oceans 2020: Singapore – U.S. Gulf Coast, Biloxi, MS, USA, 2020, pp. 1-6, doi: 10.1109/IEEECONF38699.2020.9389403. OCT 2020 IndexedIn : [Scopus,WoS,UGC CARE List] DOI : 10.1109/IEEECONF38699.2020.9389403,
Publication: U. Sharma and A. Kumar, "Performance evaluation of different space-time-codes for MIMO system,", "Performance evaluation of different space-time-codes for MIMO system," 2012 1st International Conference on Recent Advances in Information Technology (RAIT), Dhanbad, India, 2012, pp. 816-820, doi: 10.1109/RAIT.2012.6194529. MAR 2012 IndexedIn : [Scopus,WoS,UGC CARE List] DOI : 10.1109/RAIT.2012.6194529,

Name: Durga Prasad Mishra
Email: The LNM Institute of Information Technology
Department: Electronics and Communication Engineering

Summary: The focus is on advancing RF technology through research and development of Chipless RFID, which will provide a safe, smart, and cost-effective long-term technological solution for everyday use.

Biography: Dr. Mishra has joined as an Assistant Professor at LNMIIT, Jaipur, Rajasthan, India, Dr. Mishra's journey in academia is marked by a series of significant roles. His teaching skills and contributions to education earned him the privilege of being an Assistant Professor at NIT Rourkela on contract. Additionally, he has held positions as a Research Associate at IIT (ISM) Dhanbad, India. He also served as an Assistant Professor at the prestigious Gandhi Institute for Technology Autonomous institute, Bhubaneswar, Odisha, for a substantial duration. He embarked on his academic journey with a double bachelor’s degree in both Electronics and Telecommunication Engineering and Science (Math. & Phy. Sc) from BPUT Odisha, and ANU AP respectively. He continued to pursue higher education, earning his master’s degree in Electronics and Communication Engineering from BPUT Odisha. His academic journey advanced with a Ph.D. from NIT Rourkela, where he specialized in the "Design of Chipless RFID transponders for retail and healthcare applications”. His publications include journals, conferences, books, and book chapters in various reputed publishers like IEEE, Wiley, Artech House London, CRC Press USA, Nova Science USA, etc. HIS research areas include Chipless Radio Frequency Identification, Reader antennas, Electromagnetics, and Radio signal processing.

Research Area: Radio Frequency Identification (RFID), Chipless RFID Tag and Reader, Electromagnetism, Microwave and Antenna Engineering, UAV with RFID

Personal Information:

Education:
Degree/Diploma: (not as PI ) Design of Fractal Antenna for C-Band space application, Institute/Organization: 5600000, Year: DRDO, Specialization: 2019

Projects:
Project Name: (not as PI ) Design of Fractal Antenna for C-Band space application, Cost: 5600000, Funding Agency: DRDO, Duration From: 2019, Duration To: 2022

Experience:
Organization: IIT DHANBAD, Post/Designation: Research Associate, Duration From: 2023, Duration To: 2023
Organization: NIT ROURKELA, INDIA, Post/Designation: Asst. Prof. (Contract), Duration From: 2022, Duration To: 2023
Organization: GIFT Autonomous (Deemed to be University), Post/Designation: Asst. Prof., Duration From: 2011, Duration To: 2018

Publications:
Publication: N/A
Publication: D. P. Mishra, S. V. S. T. Jonnalagadda and S. K. Behera, "Passive RFID Transponder using Open-Stubs for Bit-Capacity Enhancement,", , "Passive RFID Transponder using Open-Stubs for Bit-Capacity Enhancement," 2023 3rd International Conference on Range Technology (ICORT), Chandipur, Balasore, India, 2023, pp. 1-5, doi: 10.1109/ICORT56052.2023.10249072. SEPT 2023 IndexedIn : [Scopus,WoS,UGC CARE List] DOI : 10.1109/ICORT56052.2023.10249072,
Publication: N/A
Publication: S. V. S. T. Jonnalagadda, D. P. Mishra and S. K. Behera, "Frequency Coded Orientation Insensitive Chipless RFID Tags for Vital Signs Monitoring,", "Frequency Coded Orientation Insensitive Chipless RFID Tags for Vital Signs Monitoring," 2023 3rd International Conference on Range Technology (ICORT), Chandipur, Balasore, India, 2023, pp. 1-5, doi: 10.1109/ICORT56052.2023.10249 SEPT 2023 IndexedIn : [Scopus,WoS,UGC CARE List] DOI : 10.1109/ICORT56052.2023.10249131,
Publication: N/A
Publication: S. V. S. T. Jonnalagadda, D. P. Mishra and S. K. Behera, "Frequency Coded High Density Complementary U – shaped Chipless RFID Tag Design,", , "Frequency Coded High Density Complementary U – shaped Chipless RFID Tag Design," 2023 3rd International Conference on Range Technology (ICORT), Chandipur, Balasore, India, 2023, pp. 1-5, doi: 10.1109/ICORT56052.2023.10249121. SEPT 2023 IndexedIn : [Scopus,WoS,UGC CARE List] DOI : 10.1109/ICORT56052.2023.10249121,
Publication: N/A
Publication: D. P. Mishra and S. K. Behera, "Multibit Coded Passive Hybrid Resonator Based RFID Transponder with Windowing Analysis,", "Multibit Coded Passive Hybrid Resonator Based RFID Transponder with Windowing Analysis," IEEE Transactions on Instrumentation and Measurement, vol. 71, pp. 1-7, 2022, Art no. 8005907, doi: 10.1109/TIM.2022.3201538. Chipless RFID transponder analysis along with reader signal processing is carried out in this article. AUG 2022 IndexedIn : [Scopus,WoS,UGC CARE List] DOI : 10.1109/TIM.2022.3201538,

Name: Navneet Garg
Email: The LNM Institute of Information Technology
Department: Electronics and Communication Engineering
Summary: Navneet Garg completed his Ph.D. in electrical engineering from the Indian Institute of Technology Kanpur, India, in June 2018. He pursued post-doctoral research at various institutions in the UK and India before joining as an Assistant Professor at The LNM Institute of Information Technology in Jaipur, India. His research focuses on wireless communications, signal processing, optimization, and machine learning.
Biography: Navneet Garg received the B.Tech. degree in electronics and communication engineering from College of Science & Engineering, Jhansi, India, in 2010, and the M.Tech. degree in digital communications from ABV-Indian Institute of Information Technology and Management, Gwalior, in 2012. He has completed the Ph.D. degree in June 2018 from the department of electrical engineering at the Indian Institute of Technology Kanpur, India. From July 2018-Jan 2019, he visited The University of Edinburgh, UK. Next, he is employed as post-doctoral research associate for almost 4.5 years, that is, from February 2019-2020 in Heriot-Watt university, Edinburgh, UK; from February 2020-23 in The University of Edinburgh, UK; and from April-July 2023 in Indian Institute of Technology Indore, India.

Since August 2023, he is working as an Assistant Professor in The LNM Institute of Information Technology, Jaipur, India. His main research interests include wireless communications, signal processing, optimization, and machine learning.

Research Area: Interference Alignment, Integrated Sensing and Communications, Full duplex, Edge Caching, Reinforcement Learning

Personal Information:

Education:
Degree/Diploma: Indian Institute of Technology Indore, Indore, Institute/Organization: Post-doctoral research associate (PDRA), Year: 2023, Specialization: 2023
Degree/Diploma: The University of Edinburgh, Edinburgh, UK, Institute/Organization: Post-doctoral research associate (PDRA), Year: 2020, Specialization: 2023
Degree/Diploma: Heriot-Watt University, Edinburgh, UK, Institute/Organization: Post-doctoral research associate (PDRA), Year: 2019, Specialization: 2020
Degree/Diploma: The University of Edinburgh, Edinburgh, UK, Institute/Organization: Visiting researcher, Year: 2018, Specialization: 2019

Projects:
Projects section not found
Experience:
Organization: Indian Institute of Technology Indore, Indore, Post/Designation: Post-doctoral research associate (PDRA), Duration From: 2023, Duration To: 2023
Organization: The University of Edinburgh, Edinburgh, UK, Post/Designation: Post-doctoral research associate (PDRA), Duration From: 2020, Duration To: 2023
Organization: Heriot-Watt University, Edinburgh, UK, Post/Designation: Post-doctoral research associate (PDRA), Duration From: 2019, Duration To: 2020
Organization: The University of Edinburgh, Edinburgh, UK, Post/Designation: Visiting researcher, Duration From: 2018, Duration To: 2019

Publications:
Publication: N/A

Name: Chirag Kumar
Email: The LNM Institute of Information Technology
Department: Electronics and Communication Engineering
Summary:
Biography:
Research Area: Optimization in Signal Processing, Pattern Recognition, Indoor localization

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Lijanshu Sinha, Ketan Rajawat, and Chirag Kumar, "SVR-Primal Dual Method of Multi-pliers (PDMM) for Large-Scale Problems.", "SVR-Primal Dual Method of Multi- pliers (PDMM) for Large-Scale Problems." in Proc. of the National Conference on Commu- nications (NCC) 2020 IndexedIn : [Scopus],, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Chirag Kumar, and Ketan Rajawat, "Network Dissensus via Distributed ADMM.", "Network Dissensus via Distributed ADMM." IEEE Transactions on Signal Processing 2020 IndexedIn : [Scopus],, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Chirag Kumar and Ketan Rajawat, , "Dictionary-based Statistical Fingerprinting for Indoor Localization,", "Dictionary-based Statistical Fingerprinting for Indoor Localization," IEEE Transactions on Vehicular Technology 2019 IndexedIn : [Scopus],, Institute/Organization: N/A,

Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Chirag Kumar and Ketan Rajawat, "Network Dissensus via Distributed ADMM.", "Network Dissensus via Distributed ADMM." in Proc. of the 53rd Asilomar Conference on Signals, Systems, and Computers 2019 IndexedIn : [Scopus],, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Chirag Kumar and Ketan Rajawat,, "Dictionary learning-based fingerprinting for indoor localization", "Dictionary learning-based fingerprinting for indoor localization", in Proc. of the National Conference on Communications (NCC), IIT Hyderabad, India 2018 IndexedIn : [Scopus],, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Chirag Kumar, C.K. Nagpal, Bharat Bhushan, Shailender Gupta, Towards Realistic Perfor- mance Evaluation of Mobile Ad hoc Network",, "Towards Realistic Perfor- mance Evaluation of Mobile Ad hoc Network", in Proc. of the World Congress on Information and Communication Technologies (WICT) 2012 IndexedIn : [Scopus],, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Chirag Kumar, C.K. Nagpal, Bharat Bhushan, Shailender Gupta, Reachability Analysis of Mobility Models under Idealistic and Realistic Environments, ,Reachability Analysis of Mobility Models under Idealistic and Realistic Environments", in Proc. of the WIMOA, 2012 IndexedIn : [Scopus],, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Shailender Gupta, Chirag Kumar, Seema Rani, Bharat Bhushan, ,Performance Comparison of Routing protocols Using Dierent Mobility Models", ,Performance Comparison of Routing protocols Using Dierent Mobility Models",I.J.Modern Education and Computer Science 2012 IndexedIn : [Scopus],, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: C.K. Nagpal, Chirag Kumar, Bharat Bhushan, Shailender Gupta, A Study of Black Hole Attack on MANET Performance, A Study of Black Hole Attack on MANET Performance", I.J.Modern Education and Computer Science 2012 IndexedIn : [Scopus],, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Shailender Gupta, Chirag Kumar, C.K. Nagpal, Bharat Bhushan, " Performance Evaluation of MANET in Realistic Environment", ," Performance Evaluation of MANET in Realistic Environment", I.J.Modern Education and Computer Science, 2012 IndexedIn : [Scopus],, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Chirag Kumar, Bharat Bhushan, Shailender Gupta, Evaluation of MANET Performance in Presence of Obstacles, ,Evaluation of MANET Performance in Presence of Obstacles", International Journal of Ad hoc, Sensor & Ubiquitous Computing 2012 IndexedIn : [Scopus],, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: Lijanshu Sinha, Ketan Rajawat, and Chirag Kumar, "SVR-Primal Dual Method of Multi- pliers (PDMM) for Large-Scale Problems.", "SVR-Primal Dual Method of Multi- pliers (PDMM) for Large-Scale Problems." in Proc. of the National Conference on Commu- nications (NCC) 2020 IndexedIn : [Scopus],
Publication: N/A
Publication: Chirag Kumar, and Ketan Rajawat, "Network Dissensus via Distributed ADMM.", "Network Dissensus via Distributed ADMM." IEEE Transactions on Signal Processing 2020 IndexedIn : [Scopus],
Publication: N/A
Publication: Chirag Kumar and Ketan Rajawat, , "Dictionary-based Statistical Fingerprinting for Indoor Localization,", "Dictionary-based Statistical Fingerprinting for Indoor Localization," IEEE Transactions on Vehicular Technology 2019 IndexedIn : [Scopus],
Publication: N/A

Publication: Chirag Kumar and Ketan Rajawat, "Network Dissensus via Distributed ADMM.", "Network Dissensus via Distributed ADMM." in Proc. of the 53rd Asilomar Conference on Signals, Systems, and Computers 2019 IndexedIn : [Scopus],
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Publication: Chirag Kumar, C.K. Nagpal, Bharat Bhushan, Shailender Gupta, Towards Realistic Performance Evaluation of Mobile Ad hoc Network",, "Towards Realistic Perfor- mance Evaluation of Mobile Ad hoc Network", in Proc. of the World Congress on Information and Communication Technologies (WICT) 2012 IndexedIn : [Scopus],
Publication: Chirag Kumar, C.K. Nagpal, Bharat Bhushan, Shailender Gupta, Reachability Analysis of Mobility Models under Idealistic and Realistic Environments, ,Reachability Analysis of Mobility Models under Idealistic and Realistic Environments", in Proc. of the WIMOA, 2012 IndexedIn : [Scopus],
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Publication: Chirag Kumar, Bharat Bhushan, Shailender Gupta, Evaluation of MANET Performance in Presence of Obstacles, ,Evaluation of MANET Performance in Presence of Obstacles", International Journal of Ad hoc, Sensor & Ubiquitous Computing 2012 IndexedIn : [Scopus],

Name: Gopinath Samanta
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Department: Electronics and Communication Engineering

Summary: Dr. Gopinath Samanta is working as Assistant Professor in ECE department at The LNM Institute of Information Technology, Jaipur SInce July 2021. He completed PhD in 2019 from Indian Institute of Engineering Science and Technology, Shibpur, Howrah, India. He did his PhD work on the design and implementation of Implantable Antenna. Dr. Samanta has 4 years and 7 months post PhD teaching experiences. He also served at C V Raman Global University, Odisha and at NIT Sikkim (contractual) after PhD. Dr. Samanta has good number of publication in IEEE transaction on antenna and propagation, IET MAP, OPTIK. Elsiver, etc. Dr. Samanta is a regular reviewer of IEEE Transaction on Antenna and Propagation, IET MAP, IEEE Access, IEEE Antenna and Propagation Letter, etc.

Biography: Dr. Gopinath Samanta (Member, IEEE) was born in West Bengal, India. He received the B.Tech. degree in electronics and communication engineering from Kalyani Government Engineering College under WBUT (presently MAKAUT), West Bengal, in 2008, the M.E. degree in microwave engineering from Bengal Engineering and Science University (presently IIEST), Shibpur, India, in 2012, and the Ph.D. degree in antenna domain from the Indian Institute of Engineering Science and Technology, Shibpur, in 2019. He is currently working as an Assistant Professor with the Department of Electronics and Telecommunication Engineering, The LNM Institute of Inofrmation Technology, Jaipur, Rajasthan, India.

His current research interests includes realization of electromagnetic metasurface at microwave and THz frequency band, antennas for biomedical application, and wireless power transfer, etc.
Dr. Samanta was a recipient of the National Merit Scholarship from the MHRD Government of India, from 2003 to 2008. He also serves as a Reviewer for different journals, such as the the IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION and IEEE ANTENNAS ANDWIRELESS PROPAGATION LETTERS.

Research Area: Implantable and Wearable Antenna, Wireless Power Transfer, Tera Hertz

Antenna and Tera Hertz Electromagnetic Absorber, Meta-surface for performance improvement of Antenna.

Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Ajeet Kumar Rathor, Rahul Porwal, Gopinath Samanta, MV Deepak Nair, Dual-Band Metasurface Absorber for Wi-Fi Shielding Applications, 2024 National Conference on Communications (NCC), April 2024, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Projects:
Projects section not found
Experience:
Experience section not found
Publications:
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Name: Harshvardhan Kumar
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Summary: I am an Assistant Professor at the Department of Electronics and Communication Engineering, The LNMIIT Jaipur, INDIA. I work in the area of Semiconductor and Photonic Devices for different applications such as fibre-optic telecommunication, biological, and mid-infrared (MIR) sensing/detection. If you are excited to know more about me and my work, feel free to connect through email.

Biography: Harshvardhan Kumar (Member, IEEE, Photonics Society, Electron Devices Society, and Sensors Council) received the bachelor of engineering (B.E.) degree in Electronics and Communication Engineering from Nagpur University, India, in 2014, the master of engineering (M.E.) degree in digital electronics from Amravati University, India, in 2017, and the Ph.D. degree in electronics and communication (photonic devices) from the National Institute of Technology Delhi (NITD), India, in 2020. He is currently working as an Assistant Professor at the Department of Electronics and Communication Engineering, The LNM Institute of Information Technology, Jaipur, India. Previously, he was working as a Postdoctoral Fellow at the National Chung Cheng University, Taiwan. He most recently got the "Young Scientist Award" in 2022 from the International Union of Radio Science (URSI) in recognition of his outstanding achievements and innovations in multidisciplinary research on electromagnetic fields and waves. He has authored numerous journals and international conference papers. He is also a reviewer of several journal papers as well. His research interests include multiphysics modeling of optoelectronic devices, nano-photonics, electronic devices, silicon-based photonics, and GeSn-based photodetectors.

Research Area: Optoelectronic devices, nano-photonics, and electronic devices, Silicon-based photonics, and GeSn-based photodetectors and light emitters.

Personal Information:

Education:
Degree/Diploma: National Chung Cheng University, Taiwan, Institute/Organization: Postdoctoral Research Fellow, Year: 2020, Specialization: 2021
Degree/Diploma: National Chung Cheng University, Taiwan, Institute/Organization: Visiting Research Fellow, Year: 2019, Specialization: 2019
Degree/Diploma: National Chung Cheng University, Taiwan, Institute/Organization: Visiting Research Fellow, Year: 2018, Specialization: 2018
Degree/Diploma: CSIR-Central Scientific Instruments Organisation, Institute/Organization: Research Trainee, Year: 2016, Specialization: 2017

Projects:
Projects section not found
Experience:
Organization: National Chung Cheng University, Taiwan, Post/Designation: Postdoctoral Research Fellow, Duration From: 2020, Duration To: 2021
Organization: National Chung Cheng University, Taiwan, Post/Designation: Visiting Research Fellow, Duration From: 2019, Duration To: 2019
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Organization: CSIR-Central Scientific Instruments Organisation, Post/Designation: Research Trainee, Duration From: 2016, Duration To: 2017

Publications:
Publication: N/A
Publication: Bor-Wei Liang, Wen-Hao Chang, Chun-Sheng Huang, You-Jia Huang, Jyun-Hong Chen, Kai-Shin Li, Kristan Bryan Simbulan, Harshvardhan Kumar, Ching-Yuan Su, Chieh-Hsiung Kuan, Yann-Wen Lan, Self-powered broadband photodetection enabled by facile CVD-grown MoS 2/GaN heterostructures, Nanoscale, October 2023
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Projects:
Projects section not found
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Organization: HCL Tech. Pvt. Ltd., Post/Designation: Technical Lead (R&D), Duration From: 2019, Duration To: 2020

Publications:
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Publications:
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new PIDF Controller Structure for Delayed Process", International Journal of System Control and Communication, Vol. 10, no. 2 pp. 81-94, 2019 IndexedIn : [Scopus],
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Publication: Rajiv Dey, Bharat Verma, Sachin K. Jain and Prabin K. Padhy, "Proportional Learning Rate Model Reference Adaptive Control for Fast Adaptation", "Proportional Learning Rate Model Reference Adaptive Control for Fast Adaptation", IEEE, International Conference on Information, Communication, Instrumentation and Control, pp 1-5 AUG 2017 ,
Publication: Rajiv Dey, Bharat Verma, Sachin K. Jain and Prabin K. Padhy, "Fast Adaptation Model Reference Adaptive Control", IEEE conference, ICPCES-17, pp 1-5, FEB 2017, "Fast Adaptation Model

Reference Adaptive Control", IEEE conference, ICPCES-17, pp 1-5, FEB 2017 ,

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Degree/Diploma: Rahul Porwal, Ajeet Kumar Rathor, M.V. Deepak Nair, Nikhil Raj, A planar four- element modified L-shaped monopolar multiport antenna for sub-6 GHz applications, AEU - International Journal of Electronics and Communications, November 2023, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: P. Anil, S. Tamil, Nikhil Raj, "Design of sub-volt High Impedance Wide Bandwidth Current Mirror for High Performance Analog Circuit", "Design of sub-volt High Impedance Wide Bandwidth Current Mirror for High Performance Analog Circuit", In proc. ICSCSP-2021 (Springer), Jun 18-19 Hyderabad, 2021. JUN 2021 IndexedIn : [Scopus] Scopus,, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: D. Rajesh, S. Tamil, Nikhil Raj, "Low Voltage Low Power Design of Operational Transconductance Amplifier", "Low Voltage Low Power Design of Operational Transconductance Amplifier", In proc. ICSCSP-2021 (Springer), Jun 18-19 Hyderabad, 2021. JUN 2021 IndexedIn : [Scopus] Scopus,, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: Nikhil Raj, "Low-voltage wide-range high-impedance ?ipped voltage follower current mirror", "Low-voltage wide-range high-impedance ?ipped voltage follower current mirror", Sådhanå (Springer), Volume 46(171), pp. 1-9, 2021. AUG 2021 IndexedIn : [Scopus,UGC CARE List] DOI : 10.1007/s12046-021-01694-1,, Institute/Organization: N/A, Year: N/A, Specialization: N/A

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Degree/Diploma: D. Rajesh, S. Tamil, Nikhil Raj, "Design of High Gain Operational Transconductance Amplifier", "Design of High Gain Operational Transconductance Amplifier", In proc. ICIECE-2021 (Springer), Aug 13-14 Hyderabad, 2021. AUG 2021 IndexedIn : [Scopus],, Institute/Organization: N/A, Year: N/A, Specialization: N/A

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Projects:
Projects section not found
Experience:
Experience section not found
Publications:
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Personal Information:

Education:

Education section not found
Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: A. Kumar, P. Garg and Akash Gupta, "PLS Analysis in an Indoor Heterogeneous VLC/RF Network Based on Known and Unknown CSI,", , "PLS Analysis in an Indoor Heterogeneous VLC/RF Network Based on Known and Unknown CSI," in IEEE Systems Journal, doi: 10.1109/JSYST.2020.2964033. JAN 2020 ,
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Name: Rohit Rana
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Personal Information:

Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: R. Rana, P. Gaur, V. Agarwal, and H. Parthasarathy, “Analysis of exit probability for a trajectory tracking robot in case of a rare event,”, “Analysis of exit probability for a trajectory tracking robot in case of a rare event,” Robotica, vol. 40, no. 4, pp. 907–932, 2022. APRIL 2022 IndexedIn : [Scopus,WoS,UGC CARE List],, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Projects:
Projects section not found
Experience:
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Publications:
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Degree/Diploma: Shipra Bhatia, M. V. Deepak Nair, "Single Feed Corner Trimmed Circularly Polarized Diagonal Patch Antenna",  "Single Feed Corner Trimmed Circularly Polarized Diagonal Patch Antenna", International Conference on Optical & Wireless Technologies (OWT2019), 2019. DOI: 10.1007/978-981-15-2926-9_41  JAN  2020  ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Aayush Pandey and M V Deepak Nair, "Inset Fed Miniaturized Antenna with Defected Ground Plane for LoRa Applications",  "Inset Fed Miniaturized Antenna with Defected Ground Plane for LoRa Applications", , Procedia Computer Science, January 2020. DOI: 10.1016/j.procs.2020.04.228.  JAN  2020  ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Shubham Kalra, Ritam Gupta, and M V Deepak Nair, "A Coplanar Waveguide (CPW) Fed Bandwidth Tunable Crescent Structure Based Wide Band Antenna for WiMAX and WLAN Applications", "A Coplanar Waveguide (CPW) Fed Bandwidth Tunable Crescent Structure Based Wide Band Antenna for WiMAX and WLAN Applications" Oct. 2020. International Conference on Optical and

Wireless Technologies (OWT-2020). OCT 2020 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Shipra Bhatia, M. V. Deepak Nair, "Frequency Reconfigurable Elliptically Polarized Slotted Diagonally Trimmed Patch Antenna", "Frequency Reconfigurable Elliptically Polarized Slotted Diagonally Trimmed Patch Antenna",International Conference on Microwave Integrated Circuits, Photonics and Wireless Networks (IMICPW), 2019. MAY 2019,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Ritam Gupta, Shubham Kalra, M V Deepak Nair, "Frequency Reconfigurable Hexagonal Shaped Patch Antenna for WLAN Applications", "Frequency Reconfigurable Hexagonal Shaped Patch Antenna for WLAN Applications", 2019 IEEE MTT-S International Microwave and RF Conference (IMARC), 2019. DOI: 10.1109/IMaRC45935.2019.9118674 DEC 2019,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Ritam Gupta, Shubham Kalra, M V Deepak Nair, "A Novel Frequency Reconfigurable Patch Antenna for WLAN Applications", "A Novel Frequency Reconfigurable Patch Antenna for WLAN Applications", 2019 IEEE Indian Conference on Antennas and Propogation (InCAP), Dec, 2019. 10.1109/InCAP47789.2019.9134484 DEC 2019 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: D. N. Maroor Vikraman, R. Giofre, and P. Colantonio, "Enhancing Power Efficiency of Doherty Power Amplifiers Using Windowing Based Crest Factor Reduction Technique", "Enhancing Power Efficiency of Doherty Power Amplifiers Using Windowing Based Crest Factor Reduction Technique", Progress In Electromagnetics Research C, Vol. 63, 63-74, 2016. MAY 2016 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: M. V Deepak Nair, R. Giofr´e, P. Colantonio, and R. Danieli, “Effects of Digital Predistortion and Crest Factor Reduction Techniques on Efficiency and Linearity Trade-Off in Class AB GaN-PA,”, “Effects of Digital Predistortion and Crest Factor Reduction Techniques on Efficiency and Linearity Trade-Off in Class AB GaN-PA,” EuMC/EuMIC, Paris, 2015, pp. 1–4 SEPT 2015 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: M. V Deepak Nair, R. Giofr´e, P. Colantonio, and F. Giannini,, “Sequential Asymmetric Superposition Windowing for Crest Factor Reduction and its Effects on Doherty Power Amplifier,”, “Sequential Asymmetric Superposition Windowing for Crest Factor Reduction and its Effects on Doherty Power Amplifier,” INMMIC, 2015, pp. 1–4, Oct. 2015. OCT 2015,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: M. V Deepak Nair, R. Giofr´e, P. Colantonio, L. Piazzon and F. M. Ghannouchi, “Effects of Windowing Based Crest Factor Reduction Technique on Digitally Predistorted PAs for Multicarrier WCDMA,”, “Effects of Windowing Based Crest Factor Reduction Technique on Digitally Predistorted PAs for Multicarrier WCDMA,” IWS, 2015, pp. 1–4. MAR 2015 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: F. Costanzo, R. Giofr´e, P. Colantonio, L. Piazzon, F. Giannini, and M. V Deepak Nair, , “A Design method for tri-band Doherty Power Amplifier,”IWS Wireless Symposium, 2015, pp. 1 – 3 APRIL 2015, , “A Design method for tri-band Doherty Power Amplifier,”IWS Wireless Symposium, 2015, pp. 1 – 3 APRIL 2015 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: R. Giofr´e, F. Costanzo, M. V Deepak Nair, P. Colantonio, F. Giannini, “Designing a Tri-Band Concurrent Doherty Power Amplifier,”, “Designing a Tri-Band Concurrent Doherty Power Amplifier,” INMMIC, 2015, pp. 1–4 OCT 2015 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: M. V Deepak Nair, R. Giofr ´e, P. Colantonio, and L. Piazzon, A comparative study on digital predistortion techniques for Doherty amplifier for LTE applications,, A comparative study on digital predistortion techniques for Doherty amplifier for LTE applications,”INMMIC, 2014, pp. 1 – 4 NOV 2014 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: M. V Deepak Nair, R. Giofr ´e, L.Piazzon and P. Colantonio,, “An Overview of RF Power Amplifier Digital Predistortion Techniques for Wireless Communication Systems,”, , “An Overview of RF Power Amplifier Digital Predistortion Techniques for Wireless Communication Systems,” Proceedings of Tomsk State University of Control Systems and Radio electronics ISSN: 1818-0442 Tomsk,Russia, vol.2 (26), part 2 , pp.152-157 DEC 2012 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: M. V Deepak Nair, and R. Tomar , “A Case Study on The Accuracy Of 3D Electromagnetic Simulation Tools in The Design of Microstrip Components,”, “A Case Study on The Accuracy Of 3D Electromagnetic Simulation Tools in The Design of Microstrip Components,” Advanced Electromagnetics Symposium 2012, pp. 1–4 JAN 2012 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: M. V Deepak Nair, R. Tomar, and P. Bhartia, “A Novel Inset-Fed Patch Antenna using Dumbbell Shaped Defected Ground Plane Structures,”, “A Novel Inset-Fed Patch Antenna using Dumbbell Shaped Defected Ground Plane Structures,” IEEE AMEREM, Ottawa 2010, pp. 257-260 NOV 2010 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: M. V Deepak Nair, R. Tomar, and P. Bhartia, “Design, Build and Test of Compact Microwave Integrated Circuits Using the Latest Commercially Available 3D Electromagnetic Simulation Tools,”, “Design, Build and Test of Compact Microwave Integrated Circuits Using the Latest Commercially Available 3D Electromagnetic Simulation Tools,” IEEE ICMARS, 2010, pp. 1-4 NOV 2010 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: M. V Deepak Nair, R. Tomar, and P. Bhartia,, “The Use of 3D Electromagnetic Simulation Tools in the Design of Microwave Integrated Circuits: An Accuracy Assessment,”, “The Use of 3D Electromagnetic Simulation Tools in the Design of Microwave Integrated Circuits: An Accuracy Assessment,” IEEE COMCAS, 2009, pp. 1-3 NOV 2009,, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: M. V Deepak Nair, R. Tomar, and P. Bhartia, “Multi-section Dumbbell Shaped Defected Groundplane Structures for Designing Microstrip Filters with Large Stopband Rejection and Controllable Centre Frequency,”, “Multi-section Dumbbell Shaped Defected Groundplane Structures for Designing Microstrip Filters with Large Stopband Rejection and Controllable Centre Frequency,” International Conference on Recent Advances in Microwave Theory and Applications, pp. 249-251 DEC 2008 ,, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: Shipra Bhatia, M. V. Deepak Nair, "Single Feed Corner Trimmed Circularly Polarized Diagonal Patch Antenna", "Single Feed Corner Trimmed Circularly Polarized Diagonal Patch Antenna", International Conference on Optical & Wireless Technologies (OWT2019), 2019. DOI: 10.1007/978-981-15-2926-9_41 JAN 2020 ,
Publication: N/A
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Publication: N/A
Publication: Shipra Bhatia, M. V. Deepak Nair, "Frequency Reconfigurable Elliptically Polarized Slotted Diagonally Trimmed Patch Antenna", "Frequency Reconfigurable Elliptically Polarized Slotted Diagonally Trimmed Patch Antenna",International Conference on Microwave Integrated Circuits, Photonics and Wireless Networks (IMICPW), 2019. MAY 2019,
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Centre Frequency,", "Multi-section Dumbbell Shaped Defected Groundplane Structures for Designing Microstrip Filters with Large Stopband Rejection and Controllable Centre Frequency," International Conference on Recent Advances in Microwave Theory and Applications, pp. 249-251 DEC 2008 ,

Name: Navneet Upadhyay

Email: The LNM Institute of Information Technology

Department: Electronics and Communication Engineering

Summary: My research interest is speech and audio processing, multi resolution analysis, neural network, deep learning, machine learning.

Biography: I have more than 22 years of teaching and research experience at tertiary level institutions in India, North America, and Europe.

Research Area: Speech and Audio Processing: Speech Enhancement (Single and Multi-channel), Speech Recognition, Temporal and Spectral Processing of Speech Signal, Digital Signal Processing, Multi-resolution analysis, Digital Communication

Personal Information:

Education:
Degree/Diploma: Phonetic analysis of dysarthria speech by speakers, Institute/Organization: 15000000, Year: Research Projects of National Relevance - PRIN, Specialization: 2022
Degree/Diploma: High performance of voice recognition platform, Institute/Organization: 20000000, Year: CONACyT, Specialization: 2016

Projects:
Project Name: Phonetic analysis of dysarthria speech by speakers, Cost: 15000000, Funding Agency: Research Projects of National Relevance - PRIN, Duration From: 2022, Duration To: 2023
Project Name: High performance of voice recognition platform, Cost: 20000000, Funding Agency: CONACyT, Duration From: 2016, Duration To: 2017

Experience:
Experience section not found
Publications:
Publication: N/A
Publication: Navneet Upadhyay and H. G. Rosales, "Recursive noise estimation-based Wiener filtering for single channel speech enhancement", "Recursive noise estimation-based Wiener filtering for single channel speech enhancement", Applied Speech Processing: Algorithms and Case study, Ch 2, 2021. 2021 IndexedIn : [Scopus],
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Name: Nikunja Bihari Kar
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary: Dr. Nikunja Bihari Kar currently serves as an Assistant Professor in the Department of CSE at LNMIIT, Jaipur. Before joining LNMIIT, he worked as an Assistant Professor in the Department of CSE at Siksha 'O' Anusandhan (Deemed to be) University, Bhubaneswar for over four years. He earned his PhD in CSE from NIT Rourkela in July 2020, following an M.Tech. in CSE from VSSUT, Burla, in June 2014.
Biography:
Research Area: Facial Expression Analysis, Medical Image Analysis and Classification, Machine Learning, Deep Learning, Computer Vision

Personal Information:

Education:
Degree/Diploma: Siksha ’O’ Anusandhan (Deemed to be University), Bhubaneswar,
Institute/Organization: Assistant Professor, Year: 2019, Specialization: 2023

Projects:
Projects section not found
Experience:
Organization: Siksha ’O’ Anusandhan (Deemed to be University), Bhubaneswar, Post/Designation: Assistant Professor, Duration From: 2019, Duration To: 2023

Publications:
Publications section not found Name: Jitendra Goyal
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:
Biography: Jitendra Goyal is an Assistant Professor at LNMIIT Jaipur in the Dept. of CSE. He is a member of the IEEE, IEEE Computer Society, and the SCRS Society. Jitendra's research interests include blockchain technology, IoT security, information security, cyber forensics, and computer networks. He has also worked with several renowned government institutes like IIIT Kota, MNIT Jaipur, Sardar Patel University of Police, Security, and Criminal Justice, Jodhpur, and MBM Engineering College in Jodhpur.

Dr. Goyal received his PhD at MNIT Jaipur's Turing Research Lab in the Department of CSE, with a thesis titled "A Secure Framework for IoT using Blockchain Technology," He also holds a Masters degree from MBM Engineering College in Jodhpur and a B.Tech. in CSE with Honours from the Engineering College Bikaner.

Dr. Goyal has multiple academic publications, including a patent for "Blockchain and IoT Based Electronics Health Record Device." He has also presented many papers at international conferences and published journal articles. He is a reviewer and TPC member at several conferences. He is also invited as a session chair in several international conferences. His skill set includes tools like Geth, Ganache, Truffle, Hardhat, Sepolia, NS-3, Omnet++, and more, as well as coding skills like Solidity, Web3, Python, Ethereum, Blockchain APIs, LATEX, academic research, LATEX typesetting, and publishing. Jitendra has had numerous remarkable accomplishments throughout his career, including being selected as an Assistant Professor under NPIU TEQIP-3, a World Bank-sponsored project, and qualifying the NET GATE exams. He's also a Cisco Certified Network Associate. Jitendra has completed multiple Faculty Development Programmes on a variety of subjects, including Smart Healthcare Technologies and IoT Applications Using Blockchain Techniques.

Research Area: Blockchain Technology, IoT Security, Information Security, Cyber Forensics, Computer Networks

Personal Information:

Education:
Degree/Diploma: Indian Institute of Information Technology, Institute/Organization: Faculty, Year: 2017, Specialization: 2018
Degree/Diploma: Malaviya National Institute of Technology Jaipur (MNIT), Institute/Organization: Faculty, Year: 2016, Specialization: 2017
Degree/Diploma: Sardar Patel University of Police, Security and Criminal Justice, Jodhpur, Institute/Organization: Faculty, Year: 2015, Specialization: 2015
Degree/Diploma: MBM Engineering College, Jodhpur, Institute/Organization: Faculty, Year: 2013, Specialization: 2016

Projects:
Projects section not found
Experience:
Organization: Indian Institute of Information Technology, Post/Designation: Faculty, Duration From: 2017, Duration To: 2018
Organization: Malaviya National Institute of Technology Jaipur (MNIT), Post/Designation: Faculty, Duration From: 2016, Duration To: 2017
Organization: Sardar Patel University of Police, Security and Criminal Justice, Jodhpur, Post/Designation: Faculty, Duration From: 2015, Duration To: 2015
Organization: MBM Engineering College, Jodhpur, Post/Designation: Faculty, Duration From: 2013, Duration To: 2016

Publications:
Publication: N/A
Publication: Jitendra Goyal, Mushtaq Ahmed, Dinesh Gopalani, Neelu Pandey, and Faisal Ahmed, An Efficient Fuzzy-Based Vaccine Distribution Using Blockchain Technology, International Journal of Computing and Digital Systems, August 2023
Publication: N/A
Publication: Jitendra Goyal, Deeksha Ratnawat, Mushtaq Ahmed & Dinesh Gopalani, Simulation and Synthesis of SHA-256 Using Verilog HDL for Blockchain Applications, (eds) Advances in Data-driven Computing and Intelligent Systems. Lecture Notes in Networks and Systems, vol 653, June 2023
Publication: N/A
Publication: Mushtaq Ahmed, Madhav Khatri, Faisal Ahmed, Jitendra Goyal, An Optimized Fuzzy-based Load Balancing in Cloud Computing, 2023 International Conference on Recent Advances in Electrical, Electronics & Digital Healthcare Technologies (REEDCON 2023), IEEE Delhi Section Jamia Millia Islamia University, June 2023
Publication: N/A
Publication: Jitendra Goyal, Mushtaq Ahmed, and Dinesh Gopalani, Empirical Study of Standard Elliptic

Curve Domain Parameters for IoT Devices, 2021 International Conference on Electrical, Communication, and Computer Engineering (ICECCE), IEEE/ Multimedia University Malaysia, August 2021

Name: Prateek Rathore

Email: The LNM Institute of Information Technology

Department: Communication and Computer Engineering

Summary: Dr. Prateek Rathore completed his Ph.D. degree defense from the Department of Electrical and Electronics Engineering, Indian Institute of Technology, Guwahati, Assam, India, in November 2020 and received the degree in March 2021. His research interests explicitly focus on the modelling, simulation, and analyses of wireless communication networks, wireless sensor networks, and 5G Networks.

Biography: Dr. Prateek Rathore worked in a startup named WiSig Networks for about two years, designing and implementing MAC layer protocols associated with 5G user equipment end. Dr. Prateek Rathore received his Bachelor of Electronics and Communication Engineering from Nagpur University in 2010. After that, he received his Master of Technology in Digital Communications from ABV-IIITM Gwalior in 2013. CBSE board has awarded him a Gold Medal for scoring 100% marks in Mathematics on his 12th standard. He reviews top IEEE Journals like IEEE Transactions on Network and Service Management, IEEE Sensors Letters, etc. During his Ph.D. tenure, he was an active student member of the Departmental Disciplinary Committee (DDC) from 2016 to 2020, where his role was to represent students' perspectives in front of the committee members and to persuade the members accordingly.

Research Area: Modelling, Simulation, and Analyses of Wireless Networks

Personal Information:

Education:
Degree/Diploma: WiSig Networks, Institute/Organization: Protocol Stack Developer, Year: 2022, Specialization: 2024
Degree/Diploma: 5G Testbed IIT Hyderabad, Institute/Organization: Project Associate, Year: 2021, Specialization: 2022

Projects:
Projects section not found
Experience:
Organization: WiSig Networks, Post/Designation: Protocol Stack Developer, Duration From: 2022, Duration To: 2024
Organization: 5G Testbed IIT Hyderabad, Post/Designation: Project Associate, Duration From: 2021, Duration To: 2022

Publications:
Publication: N/A
Publication: Prateek Rathore, Kalpana Dhaka, Sanjay Kumar Bose, Network Coding Assisted Reliable Multicasting in Multi-Hop Wireless Networks with Two-Sources, National Conference on Communications, April 2020
Publication: N/A
Publication: Prateek Rathore, Kalpana Dhaka, Sanjay Kumar Bose, Network coding assisted multicasting in multi-hop wireless networks, Computer Communications, March 2019
Publication: N/A
Publication: Prateek Rathore, Kalpana Dhaka, Sanjay Kumar Bose, Multicasting in wireless networks with correlated links, TENCON Singapore, February 2017
Publication: N/A
Publication: Prateek Rathore, Aditya Trivedi, A DPC based MMSE beamforming design for a MIMO system with interference, International Conference on Wireless and Optical Communications Networks (WOCN), October 2013

Name: Priyanka Gupta

Email: The LNM Institute of Information Technology

Department: Communication and Computer Engineering

Summary: Dr. Priyanka Gupta is an Assistant Professor in the Department of CCE at LNMIIT, Jaipur, since January 01, 2024. She earned her Ph.D. from DA-IICT, Gujarat in 2023. Her primary research is focused on anti-spoofing for voice biometric systems.

Biography: Dr. Priyanka Gupta has worked in the specialized areas of feature designing for spoofed speech and voice liveness detection, design of voice privacy systems, and the attacker's perspective. She has also contributed to the areas of pathological infant cry detection and dysarthric severity-level classification from speech. Till now, she has authored 24 research publications, comprising 3 SCI-journals (out of which 2 are indexed under Scopus Q1-top 10 journals), 15 international conferences, and 6 book chapters. She was the finalist for the best student paper award at SPCOM 2022 at IISc Bengaluru, for her paper titled 'Morse Wavelet Features for Pop Noise Detection', and was the session chair for one of the sessions in EUSIPCO 2022. She is also a reviewer for reputed conferences and journals such as ICASSP 2023, and EURASIP Journal on Audio, Speech, and Music Processing. Currently, she is working towards audio deepfake detection and has interest in related problems in speech and music applications.

Research Area: Anti-spoofing for voice biometric systems, voice liveness detection, time-frequency representations of speech signals, Automatic Speech Recognition (ASR) systems, feature engineering for machine learning and deep learning methods for various applications in speech and audio technologies

Personal Information:

Education:

Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: Priyanka Gupta, Hemant A. Patil, and Rodrigo Capobianco Guido, Vulnerability Issues in Automatic Speaker Verification (ASV) Systems, EURASIP Journal on Audio, Speech, and Music Processing, February 2024, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: Priyanka Gupta, Rajul Acharya, Ankur T. Patil, and Hemant A. Patil, On the Asymptotic Behaviour of the Speech Signal, 25th International Conference on Speech and Computer (SPECOM), Lecture Notes in Computer Science (LNCS), vol 14339, ISBN: 978-3-031-48312-7, IIT Dharwad, India, November 2023, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: Priyanka Gupta, Aastha Kachhi, and Hemant A. Patil, Classification of Normal vs. Pathological Infant Cries Using Morse Wavelets, Asia-Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA-ASC), Taipei, Taiwan, 2023, November 2023, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: Priyanka Gupta, Piyushkumar K. Chodingala, Hemant A. Patil, Relevance of Quadrature Phase For Replay Detection in Voice Assistants (VAs), Asia-Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA ASC), Taipei, Taiwan, 2023, November 2023, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: Siddharth Rathod, Priyanka Gupta, Aastha Kachhi, and Hemant A. Patil, Cochlear Filter-Based Cepstral Features for Dysarthric Severity-Level Classification, 31st European Signal Processing Conference (EUSIPCO), Helsinki, Finland, 2023, September 2023, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: Priyanka Gupta, Piyushkumar K. Chodingala, Hemant A. Patil, Replay Spoof Detection Using Energy Separation Based Instantaneous Frequency Estimation from Quadrature and In-Phase Components, Computer, Speech & Language, Elsevier, vol. 87, 2023 (Scopus indexed Q1-top 10, Impact Factor: 4.3), January 2023, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: Priyanka Gupta, and Hemant A. Patil, Effect of Speaker-Microphone Proximity on Pop Noise: Continuous Wavelet Transform-Based Approach, 13th International Symposium on Chinese Spoken Language Processing (ISCSLP), Singapore, 2022, December 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Degree/Diploma: Priyanka Gupta, and Hemant A. Patil, Significance of Distance on Pop Noise for Voice

Liveness Detection, International Conference on Speech and Computer (SPECOM), Lecture Notes in Computer Science (LNCS), vol 13721, ISBN: 978-3-031-20980-2, November 2022, Springer, November 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Aastha Kachhi, Anand Therattil, Priyanka Gupta, and Hemant A. Patil, Continuous Wavelet Transform for Severity-Level Classification of Dysarthria, International Conference on Speech and Computer (SPECOM), Lecture Notes in Computer Science (LNCS), vol 13721, pp. 312–324, November 2022, Springer, November 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Priyanka Gupta, Piyushkumar K. Chodingala, Hemant A. Patil, Significance of Quadrature and In-Phase Components for Synthetic Spoofed Speech Detection, Asia-Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA ASC), Chiang Mai, Thailand, 2022, November 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Priyanka Gupta, Shrishti Singh, Gauri P. Prajapati, and Hemant A. Patil, Voice Privacy in Biometrics, Biomedical Signal and Image Processing with Artificial Intelligence, EAI Endorsed Transactions/Springer ICC Series, September 2022, September 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Priyanka Gupta, and Hemant A. Patil, Linear Frequency Residual Cepstral Features for Replay Spoof Detection on ASVSpoof 2019, 30th European Signal Processing Conference (EUSIPCO), Belgrade, Serbia, 2022, August 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Priyanka Gupta, Piyushkumar K. Chodingala and Hemant A. Patil, Energy Separation Based Instantaneous Frequency Estimation from Quadrature and In-Phase Components for Replay Spoof Detection, 30th European Signal Processing Conference (EUSIPCO), Belgrade, Serbia, 2022, August 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Priyanka Gupta, Piyushkumar K. Chodingala, Hemant A. Patil, Morlet Wavelet-Based Voice Liveness Detection using Convolutional Neural Network, 30th European Signal Processing Conference (EUSIPCO), Belgrade, Serbia, 2022, August 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Hemant A. Patil, Rajul Acharya, Ankur T, Patil, and Priyanka Gupta, Non-Cepstral Uncertainty Vector for Replay Spoofed Speech Detection, 30th European Signal Processing Conference (EUSIPCO), Belgrade, Serbia, 2022, August 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Aastha Kachhi, Priyanka Gupta, and Hemant A. Patil, Features Motivated From Uncertainty Principle for Classification of Normal vs. Pathological Infant Cry, 30th European Signal Processing Conference (EUSIPCO), Belgrade, Serbia, 2022, August 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Priyanka Gupta, Piyushkumar K. Chodingala, and Hemant A. Patil, Morse Wavelet Features for Pop Noise Detection, International Conference on Signal Processing and Communications (SPCOM), IISc Bangalore, India, 2022 (Best Paper Award Finalist), July 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Anand Therattil, Priyanka Gupta, Piyushkumar K. Chodingala, and Hemant A. Patil, Teager Energy Based-Detection of One-point and Two-point Replay Attacks: Towards Cross-Database Generalization, Proc. of The Speaker and Language Recognition Workshop (Speaker Odyssey 2022, Beijing, China), June 2022, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Priyanka Gupta, Siddhant Gupta and Hemant A. Patil, Voice Liveness Detection using Bump Wavelet with CNN, International Conference on Pattern Recognition and Machine Intelligence (PReMI), Lecture Notes in Computer Science (LNCS), pp. 1-29, ISBN: 978-3-031-15816-2, 2021, Springer, October 2021, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Degree/Diploma: Priyanka Gupta, Gauri P. Prajapati, Shrishti Singh, Madhu R. Kamble, and Hemant A. Patil, Design of Voice Privacy System using Linear Prediction, Asia-Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA ASC), Auckland, New Zealand, 2020, December 2020, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Priyanka Gupta, and Gagan Garg, Handling concurrent requests in a secret sharing

based storage systems using Petri Nets, IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS), BITS-Goa, India, 2019, December 2019, Institute/Organization: N/A, Year: N/A, Specialization: N/A
Degree/Diploma: Priyanka Gupta, Sandeep Saini and Kusum Lata, Securing QR codes by RSA on FPGA, International Conference on Advances in Computing, Communications, and Informatics (ICACCI), Udupi, 2017, September 2017, Institute/Organization: N/A, Year: N/A, Specialization: N/A

Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publication: N/A
Publication: Priyanka Gupta, Hemant A. Patil, and Rodrigo Capobianco Guido, Vulnerability Issues in Automatic Speaker Verification (ASV) Systems, EURASIP Journal on Audio, Speech, and Music Processing, February 2024
Publication: N/A
Publication: Priyanka Gupta, Rajul Acharya, Ankur T. Patil, and Hemant A. Patil, On the Asymptotic Behaviour of the Speech Signal, 25th International Conference on Speech and Computer (SPECOM), Lecture Notes in Computer Science (LNCS), vol 14339, ISBN: 978-3-031-48312-7, IIT Dharwad, India, November 2023
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Publication: Priyanka Gupta, Piyushkumar K. Chodingala, Hemant A. Patil, Significance of Quadrature and In-Phase Components for Synthetic Spoofed Speech Detection, Asia-Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA ASC), Chiang Mai, Thailand, 2022, November 2022
Publication: Priyanka Gupta, Shrishti Singh, Gauri P. Prajapati, and Hemant A. Patil, Voice Privacy in Biometrics, Biomedical Signal and Image Processing with Artificial Intelligence, EAI Endorsed Transactions/Springer ICC Series, September 2022, September 2022
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Publication: Priyanka Gupta, Piyushkumar K. Chodingala and Hemant A. Patil, Energy Separation Based Instantaneous Frequency Estimation from Quadrature and In-Phase Components for Replay Spoof Detection, 30th European Signal Processing Conference (EUSIPCO), Belgrade, Serbia, 2022, August 2022
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Publication: Hemant A. Patil, Rajul Acharya, Ankur T, Patil, and Priyanka Gupta, Non-Cepstral Uncertainty Vector for Replay Spoofed Speech Detection, 30th European Signal Processing Conference (EUSIPCO), Belgrade, Serbia, 2022, August 2022
Publication: Aastha Kachhi, Priyanka Gupta, and Hemant A. Patil, Features Motivated From Uncertainty Principle for Classification of Normal vs. Pathological Infant Cry, 30th European Signal Processing Conference (EUSIPCO), Belgrade, Serbia, 2022, August 2022
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Publication: Priyanka Gupta, Siddhant Gupta and Hemant A. Patil, Voice Liveness Detection using Bump Wavelet with CNN, International Conference on Pattern Recognition and Machine Intelligence (PReMI), Lecture Notes in Computer Science (LNCS), pp. 1-29, ISBN: 978-3-031-15816-2, 2021, Springer, October 2021
Publication: Priyanka Gupta, and Hemant A. Patil, Voice Biometrics: Attacker's Perspective, Gerard Chollet, and Carmen Garcia Mateo (Eds.) in Voice Biometrics: Technology, trust and security, Institution of Engineering and Technology (IET), pp. 39-65, ISBN: 9781785619014, September 2021, September 2021
Publication: Priyanka Gupta, Gauri P. Prajapati, Shrishti Singh, Madhu R. Kamble, and Hemant A. Patil, Design of Voice Privacy System using Linear Prediction, Asia-Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA ASC), Auckland, New Zealand, 2020, December 2020
Publication: Priyanka Gupta, and Gagan Garg, Handling concurrent requests in a secret sharing based storage systems using Petri Nets, IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS), BITS-Goa, India, 2019, December 2019
Publication: Priyanka Gupta, Sandeep Saini and Kusum Lata, Securing QR codes by RSA on FPGA, International Conference on Advances in Computing, Communications, and Informatics (ICACCI), Udupi, 2017, September 2017

Name: Ankit Jha
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary: Ankit Jha is currently serving as an Assistant Professor in the Department of Computer Science and Engineering at The LNM Institute of Information Technology (LNMIIT), Jaipur, India. Prior to this, he worked as a Postdoctoral Researcher at INRIA, Grenoble, France. He completed his doctorate at the Center of Studies in Resources Engineering, Indian Institute of Technology Bombay, India. His research focuses on the application of deep learning in computer vision, particularly in multi-task learning (MTL), multimodal learning, multi-domain learning, vision-language prompt learning, and more.
Biography: Ankit Jha is an active researcher in the field of Computer Vision and Deep Learning and currently serving as an Assistant Professor in the Department of Computer Science and Engineering at The LNMIIT.

He earned his Ph. D. from the Center of Studies in Resources Engineering (CSRE), Indian Institute of

Technology Bombay, under the guidance of Prof. Biplab Banerjee, with a thesis titled "Learning Across Tasks and Domains in Remote Sensing." His research focuses on multimodal and multi-domain learning, particularly in remote sensing datasets. He also holds an M. Tech. in Modelling and Simulation from Defence Institute of Advanced Technology (DIAT-DU), Pune, and a B. Tech. in Electronics and Communication Engineering from Rajasthan Technical University, Kota.

Following his PhD, Ankit worked as a Postdoctoral Researcher (Postdoc) at the National Institute for Research in Digital Science and Technology (INRIA), University Grenoble Alpes, under the supervision of Prof. Jocelyn Chanussot, focusing on multimodal learning for object detection and classification.

Ankit's work has been recognized at top conferences such as CVPR, ECCV, BMVC, WACV, and ICVGIP, with accolades including Best Paper Awards at ECML-PKDD 2023 and ICVGIP 2023. His research has been published in the IEEE Transactions on Geoscience and Remote Sensing (TGRS) journal. He is actively involved in enhancing visual language models like CLIP, contributing to advancements in image recognition, semantic segmentation, and image retrieval tasks.

Research Area: Computer vision, deep learning, domain generalization and adaptation, remote sensing, prompt learning, federated learning, multi-task learning, multimodal learning, multidomain learning

Personal Information:

Education:
Degree/Diploma: INRIA, Grenoble, France, Institute/Organization: Post Doctoral Researcher, Year: 2024, Specialization: 2024

Projects:
Projects section not found
Experience:
Organization: INRIA, Grenoble, France, Post/Designation: Post Doctoral Researcher, Duration From: 2024, Duration To: 2024

Publications:
Publication: N/A
Publication: Mainak Singha, Ankit Jha, Shirsha Bose, Ashwin Nair, Moloud Abdar, Biplab Banerjee, Unknown Prompt, the only Lacuna: Unveiling CLIP’s Potential for Open Domain Generalization, Computer Vision and Pattern Recognition, June 2024
Publication: N/A

Name: Rajendra Shivaji Patil
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:
Biography:
Research Area: Cybersecurity, Network Security, Threat Intelligence, Attack Simulation and Modeling, Cloud Security

Personal Information:

Education:
Education details not found
Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publications section not found

Name: Anubhav Shivhare

Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary: Assistant Professor in the Department of Computer Science and Engineering.
Biography: Dr. Anubhav Shivhare is an Assistant Professor in the Dept. of CSE in the LNMIIT. He earned his B.Tech. in Computer Science & Engineering from NIT-Bhopal . He received his M.Tech. in Cyber Law & Information Security from IIIT-Allahabad and his Ph.D. in the domain of IoT, WSNs, and Data analysis from IIIT-Allahabad in 2023. Earlier he has also worked with Manipal University Jaipur as an Assistant Professor. He has published multiple papers in SCI journals and many papers in reputed conferences including publications in IEEE Systems Journal and IEEE Internet of Things Journal.
Research Area: IOT, WSN, Information Security

Personal Information:

Education:
Degree/Diploma: Manipal University Jaipur, Institute/Organization: Assistant Professor, Year: 2022, Specialization: 2024
Degree/Diploma: Virtusa Consultancy, Institute/Organization: Software Developer, Year: 2013, Specialization: 2014

Projects:
Projects section not found
Experience:
Organization: Manipal University Jaipur, Post/Designation: Assistant Professor, Duration From: 2022, Duration To: 2024
Organization: Virtusa Consultancy, Post/Designation: Software Developer, Duration From: 2013, Duration To: 2014

Publications:
Publications section not found Name: Monika Jain
Email: The LNM Institute of Information Technology
Department: Communication and Computer Engineering
Summary: Dr. Monika Jain is working as an Assistant Professor in the Department of CCE at LNMIIT, Jaipur, specialized in the allied areas of wireless communications.
Biography: Dr. Monika Jain has worked as a Research Scientist at Indian Institute of Technology Bombay, India for about 2.5 years. She has worked towards the design aspect of satellite access networks & wireless relays within the context of beyond 5G wireless communication systems. The research undertaken by Dr. Monika has resulted in multiple technical contributions to 5G Advanced standards currently under development in organizations like 3GPP and TSDSI. She has completed her Ph.D. from the Dept. of ECE, The LNM Institute of Information Technology, Jaipur, India in Sept. 2022. She has published 6 SCI-journals out of which three are Quartile-1 (including IEEE Transactions and Letters) and remaining three Quartile-2 journals. Additionally, she has published several papers in highly reputed international conferences. She is the reviewer of various peer-reviewed journals, viz. IEEE Comm. Letter, IEEE Access. Her research interest includes Underwater Visible Light Communication (UWVLC), Non-Orthogonal Multiple Access (NOMA), Cooperative Communication, Non-Terrestrial Networks (NTN) and wireless relays.
Research Area: Underwater Visible Light Communication (UWVLC), Non-Orthogonal Multiple Access (NOMA), Cooperative Communication, Non-Terrestrial Networks (NTN) and wireless relays

Personal Information:

Education:
Degree/Diploma: IIT-Bombay, Institute/Organization: Project Research Scientist, Year: 2022, Specialization: 2024

Projects:

Projects section not found
Experience:
Organization: IIT-Bombay, Post/Designation: Project Research Scientist, Duration From: 2022, Duration To: 2024

Publications:
Publication: N/A
Publication: A. Gupta, N. Sharma, Monika Jain, and P. Garg, "Multihop underwater optical wireless communication system for internet of underwater things applications", WILEY International Journal of Communication Systems, February 2022
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Publication: Monika Jain, N. Sharma, A. Gupta, D. Rawal and P. Garg, "NOMA Assisted Underwater Visible Light Communication System With Full-Duplex Cooperative Relaying", Elsevier, Vehicular Communications, October 2021
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Publication: Monika Jain, N. Sharma, A. Gupta, D. Rawal and P. Garg, "Performance Analysis of DF Relaying Assisted Underwater Visible Light Communication System", IEEE International Conference on Signal Processing and Communications (SPCOM), IISC Banglore, India, July 2020
Publication: Monika Jain, S. Soni, N. Sharma, and D. Rawal, "Performance analysis at far and near user in NOMA based system in presence of SIC error", Elsevier, AEU International Journal of Electronics and Communications, February 2020
Publication: S. Soni, Monika Jain, D. Rawal, and N. Sharma, "DF Cooperative-NOMA Scheme in Presence of SIC Errors for Ubiquitous Coverage", IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS), Goa, India, December 2019
Publication: Monika Jain, S. Soni, N. Sharma, and D. Rawal, "Performance Analysis at Near and Far users of a NOMA System Over Fading Channels", IEEE India Council International Conference (INDICON), Rajkot, India, December 2019
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Publication: Monika Jain, S. Saini, V. Kant, "A Hybrid Approach to Emotion Recognition System Using Multi-Discriminant Analysis and K-Nearest Neighbour", IEEE International Conference on Advances in Computing, Communications and Informatics (IACCI), Udupi, India, September 2017

Name: Rahul Sharma
Email: The LNM Institute of Information Technology
Department: Communication and Computer Engineering
Summary: Position: Assistant Professor
Department: Computer and Communication Engineering (CCE)
Email: rahul.sharma@lnmiit.ac.in
Phone: 0141 3526244
Office: Room No. 2036
Biography: Dr. Rahul Sharma is an Assistant Professor in the Department of Computer and Communication Engineering at LNMIIT Jaipur. He earned his Ph.D. from NIT Silchar and has previously served as a Research Associate at IIT Indore, where he conducted groundbreaking research in the application of Deep Learning techniques to medical imaging, particularly focusing on Alzheimer's disease diagnosis.

Dr. Sharma's research is at the forefront of utilizing advanced Deep Learning algorithms to analyze complex MRI scan data. His innovative work in developing automated frameworks for early detection and progression prediction of Alzheimer's disease has been recognized for its significant impact on the field of medical diagnostics. Dr. Sharma is actively involved in several interdisciplinary research projects and has published numerous papers in prestigious journals and conferences such as Nature, IEEE Transactions, IEEE JBHI, and Applied Soft Computing. His work continues to push the boundaries of current methodologies and contributes to the advancement of knowledge in AI and healthcare.

Research Area: Deep Learning, Neuroimaging, Medical Imaging Analysis

Personal Information:

Education:
Degree/Diploma: IIT Indore, Institute/Organization: Research Associate, Year: 2023, Specialization: 2023

Projects:
Projects section not found
Experience:
Organization: IIT Indore, Post/Designation: Research Associate, Duration From: 2023, Duration To: 2023

Publications:
Publication: N/A
Publication: Rahul Sharma, Tripti Goel, M. Tanveer, C. T. Lin, R. Murugan, Deep-learning-based diagnosis and prognosis of Alzheimer’s disease: A comprehensive review, IEEE Transactions on Cognitive and Developmental Systems, March 2023
Publication: N/A

Name: Rajesh Ranjan
Email: The LNM Institute of Information Technology
Department: Computer Science Engineering
Summary:
Biography:
Research Area:

Personal Information:

Education:
Education section not found
Projects:
Projects section not found
Experience:
Experience section not found
Publications:
Publications section not found

Name: Sachin Kadam
Email: The LNM Institute of Information Technology
Department: Communication and Computer Engineering
Summary: Assistant Professor in the Department of Communication and Computer Engineering, LNMIIT, Jaipur.

Biography: Sachin Kadam received his B.Eng. degree in ECE from PESIT in Bengaluru in 2007, his M.Tech. degree in electrical engineering (Signal Processing, Communications, and Networks specialization) from IIT Kanpur in 2012, and his Ph.D. from IIT Bombay in 2020. He was a postdoctoral fellow for more than three years and has over three years of industry experience. Prior to joining LNMIIT, he worked as an Engineering Manager (Networks group) at the Technology Innovation Hub Foundation for IoT and IoE, IIT Bombay Campus, Mumbai. His research focuses on the design and analysis of wireless networks, semantic communication systems, differential privacy, IoT systems, and deep learning. During his B.Eng. studies, he received a scholarship from the Foundation for Excellence, California, US.

Research Area: Semantic Communications, Wireless Networks, Differential Privacy, IoT

systems, and Deep Learning

Personal Information:

Education:
Degree/Diploma: TIH Foundation for IoT and IoE, IIT Bombay campus, Mumbai, Institute/Organization: Engineering Manager (Networks Group), Year: 2023, Specialization: 2024
Degree/Diploma: Cadence Design Systems, Noida, Institute/Organization: Member of Technical Staff (T2), Year: 2012, Specialization: 2013
Degree/Diploma: Samsung India Software Operations Pvt. Ltd, Bangalore, Institute/Organization: Software Engineer (T1), Year: 2007, Specialization: 2009

Projects:
Projects section not found
Experience:
Organization: TIH Foundation for IoT and IoE, IIT Bombay campus, Mumbai, Post/Designation: Engineering Manager (Networks Group), Duration From: 2023, Duration To: 2024
Organization: Cadence Design Systems, Noida, Post/Designation: Member of Technical Staff (T2), Duration From: 2012, Duration To: 2013
Organization: Samsung India Software Operations Pvt. Ltd, Bangalore, Post/Designation: Software Engineer (T1), Duration From: 2007, Duration To: 2009

Publications:
Publication: N/A
Publication: S. Kadam, A. Scaglione, N. Ravi, S. Peisert, B. Lunghino, and A. Shumavon, Optimum Noise Mechanism for Differentially Private Queries in Discrete Finite Sets, Cybersecurity [Impact Factor: 3.9], April 2024
Publication: N/A
Publication: S. Kadam and D. I. Kim, Knowledge-Aware Semantic Communication System Design and Data Allocation, IEEE Transactions on Vehicular Technology [Impact Factor: 6.8], November 2023
Publication: N/A
Publication: S. Kadam, K. S. Bhargao, and G. S. Kasbekar, Node Cardinality Estimation in a Heterogeneous Wireless Network Deployed Over a Large Region Using a Mobile Base Station, Journal of Network and Computer Applications [Impact Factor: 8.7], October 2023
Publication: N/A
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Education:
Degree/Diploma: N/A, Institute/Organization: N/A, Year: N/A, Specialization: N/A
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Projects:
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Experience:
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Publications:
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Projects section not found
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Organization: Modern Institute of Technology and Research Centre, Alwar, Rajasthan, Post/Designation: Assistant Professor, Duration From: 2015, Duration To: 2017

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