


Name	Dr. NAVDEEP GOEL		
Fathers Name	SH. NARAYAN HARI		
Designation	ASSISTANT PROFESSOR		
Department	YCOE/ECE		
Address	YADAVINDRA COLLEGE OF ENGINEERING, ECE SECTION, TALWANDI SABO		
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Academic Qualifications	Graduation Post-Graduation Doctorate	B.E. M.TECH. Ph.D.	
Area of Specialization	Graduation Post-Graduation Doctorate	ELECTRONICS & TELECOMMUNICATION ELECTRONICS & COMMUNICATION ELECTRONICS & COMMUNICATION	
Employment History	<ol style="list-style-type: none"> 1. WORKED AS SCIENTIST 'C' IN ISRO IN 2004 2. WORKED AS LECTURER/ASSISTANT PROFESSOR AT MIMIT MALOUT FROM AUGUST 2004 TO DECEMBER 2008 3. WORKING AS ASSISTANT PROFESSOR IN ECE SECTION, YADAVINDRA COLLEGE OF ENGINEERING SINCE DECEMBER 2008 TO TILL DATE 		
Papers in International Journals	07 PAPERS IN SCI INDEXED JOURNALS (List Attached) 08 IN REFFERED JOURNALS	Total Impact Factor: 7.446	
		H index-----	
		Citation index-----	
		SNIP-----	
		SJR-----	
Papers in National Journals	NIL	Impact Factor: -----	
		H index-----	
		Citation index-----	
		SNIP-----	
		SJR-----	
Papers in International Conference	11	Impact Factor: -----	
		H index-----	
		Citation index-----	
		SNIP-----	
		SJR-----	
Papers in National Conference	20	Impact Factor: -----	
		H index-----	
		Citation index-----	
		SNIP-----	
		SJR-----	
International Conference attended	02		

National Conference attended	01
Books Published as single author	03
Books Published as Joint author	03
Edited books	NIL
Research projects completed 1. Title 2. Amount in lakhs 3. Date of completion	NIL
Research Projects Ongoing , 1. Title 2. Amount in lakhs	NIL
Research Projects Submitted 1. Title	NIL
PhD under supervision (Completed)	NIL
PhD under supervision (Ongoing)	02
M.Tech. Students Guided	25
Medals/Awards/Honors/Received/ Scholarships receive	GOLD MEDALIST IN B.E.
Memberships	LIFE MEMBER OF ISTE
Expert Talk	<ol style="list-style-type: none"> 1. Delivered expert lecture in One Week FDP (ISTE-PTU) on “Role of Computer in Robotics and Mechatronics” from 09-06-2014 to 13-06-2014 at Bhai Maha Singh College of Engineering, Muktsar 2. Delivered an expert lecture in “2016 International Conference on Mathematical Characterization, Analysis and Applications of Complex Information (CMCAA2016)” held at “Beijing Institute of Technology, Beijing, China” on 19th –20th July, 2016

Journal of Repute (SCI/ SCIE indexed journals)

Published:

1. Navdeep Goel and Kulbir Singh, “Analysis of Dirichlet, Generalized Hamming and Triangular window functions in the linear canonical transform domain”, Signal,

Image and Video Processing (Springer), vol. 7, no. 5, pp. 911-923, DOI: 10.1007/s11760-011-0280-2, **2013 (SCI Indexed, Impact Factor: 1.102).**

2. Navdeep Goel, Kulbir Singh, “Modified convolution and product theorem for the linear canonical transform derived by representation transformation in quantum mechanics”, Applied Mathematics and Computer Science (AMCS). vol. 23, no. 3, pp. 685-695, DOI: 10.2478/amcs-2013-0051, **2013 (SCI Indexed, Impact Factor: 1.420).**
3. Navdeep Goel, Kulbir Singh, “Modified correlation theorem for the linear canonical transform with representation transformation in quantum mechanics”, Signal, Image and Video Processing (Springer), vol. 8, no. 3, pp. 595-601, DOI 10.1007/s11760-013-0564-9, **2014 (SCI Indexed, Impact Factor: 1.102).**
4. Navdeep Goel, Kulbir Singh, “Convolution and Correlation Theorems for the Offset fractional Fourier transform and its applications”, International Journal of Electronics and Communications (Elsevier), vol. 70, no. 2, pp. 138-150, **2016. (SCI indexed, Impact Factor : 1.147).**
5. Navdeep Goel, Kulbir Singh, Rajiv Saxena, Ashutosh Kumar Singh, “Multiplicative filtering in linear canonical transform”, IET Signal Processing, vol. 10, no. 2, pp. 173-181, 28 March 2016, DOI: 10.1049/iet-spr.2015.0035 **2015. (SCI indexed, Impact Factor : 1.298)**
6. Yong Guo, Bing-Zhao Li, Navdeep Goel, “An optimized blind image watermarking method based on firefly algorithm in DWT-QR transform domain”, IET Image Processing, doi:10.1049/iet-ipr.2016.0515, vol. 11, no. 6, pp. 406-415, June 2017. **(SCI indexed, Impact Factor : 1.044)**
7. Navdeep Goel, Jatinder Singh, “Analysis of Kaiser and Gaussian Window Functions in the Fractional Fourier Transform Domain and its Application”, Iranian Journal of Science and Technology-Transactions of Electrical Engineering: (Paper Accepted in September 2017). **(SCI indexed, Impact Factor : 0.333)**