

**DEPARTMENT OF APPLIED SCIENCE**  
**LIST OF PUBLICATIONS IN INTERNATIONAL JOURNALS**

<u>S.No</u>	Faculty Name	Topic of Publication	Journal/ Conference	Impact Factor	Month of publication
1	Dishant Khosla	A Wideband Antenna for Wireless Communication Devices	International Journal of Modern Computer Sciences	1.249	Oct-15
2	Dishant Khosla	A Robust real Time approach for Scene Text localization & Recognition in Image Processing	International Journal of Signal Processing, Image Processing and Pattern Recognition	0.89	Jan-16
3	Dishant Khosla	Study of Planar Inverted F Antenna Structures for various wireless devices	International Journal of Electrical & Electronics Engineering	2.043	Jun-15
4	Sumeet Goyal	Anisotropic Irs model in general relativity	International Journal of Physics and Mathematical Sciences	NA	Oct.-Dec'15
5	Sumeet Goyal	Anisotropic bianchi type-iii cosmological models in general relativity	International Journal of Physics and Mathematical Sciences	NA	Oct.-Dec'15
6	Dr.Joginder Singh	Steady thermal stresses in solid disk under heat generation subjected to variable density	Kragujevac Journal of Science, Serbia	NA (Scopus indexed)	May'16
7	Dr.Joginder Singh	A Study of feature extraction for automatic speech recognition	International Journal of advanced research in computer science and software engg.	2.5	January'16
8	Dr.Joginder Singh	A note surface waves in thermoelasticity with hyderostatic initial stress	International journal of basic and applied scientific aspects	1.2001	July'15
9	Rahul Sharma	Microstructural and Mechanical characterisation of hybrid aluminium composite	International journal of scientific and Engineering Studies	NA	Oct-15
10	Rahul Sharma	Mechanical characterisation of aluminium with Al <sub>2</sub> O <sub>3</sub>	international journal of engineering studies	NA	May-16
11	Rajni Thakur	Social Networking and Life skills of Commerce students	International Educational Scientific Research Journal (IESRJ)	3.606	May-16
12	Dr. Archana Gupta	Preparation of Ethyleneamine functionalized crosslinked poly (acrylonitrile-ethylene glycol-dimethacrylate) chelating resins for adsorption of lead ions	Separation Science and Technology	1.083	Sept. 2015
13	Dr. Archana Gupta	Studies on uptake behaviour of Hg(II) and Pb(II) by amine modified glycidyl methacrylate- styrene-N,N'-methylenebisacrylamide terpolymer	Reactive and Functional Polymers	2.725	May-15

14	Dr. Archana Gupta	Review Paper on removal of heavy metal ions from wastewater polyacrylonitrile as an Adsorbent	European Polymer journal	3.485	Under Evaluation
15	Manvinder Sharma	A Systematic Approach for Various Phase Based Binarization and Segmentation of Ancient Document Images	(IJMECE), Volume No.-4, Issue No.-1, January, 2016	0.535	jan'16
16	Manvinder Sharma	Full Coverage Deployment In Wireless Sensor Network	(IJSRES), Volume 2 Issue 6, June 2015	0.279	june'15
17	Manvinder Sharma	Binarization of Ancient Documents	(IJSRES), Volume 2 Issue 6, June 2015	0.279	june'16
18	Manvinder Sharma	Histogram Equalization and Histogram Matching for the Biomedical Image Enhancement and Visualization	(EJAET)	1.23	june'17
19	Rashwinder Singh	A REVIEW ON VIDEO FUSION TECHNIQUES. Page No: 3-9.	NAIRJC, Volume 1, Issue 5 December 2015	NA	Dec'15
20	Rashwinder Singh	"Plenoptic Image Compression for Improved Correlation Stability using Improved ACO in wavelet". page no 3-12.	NAIRJC, Volume 2, Issue 4 April 2016	NA	Apr'16
21	Rashwinder Singh	SURVEY ON IMAGING MODALITIES FOR DETECTING BREAST CANCER. Page No.12-17	IJEEE, Volume 3, Issue 3 (June, 2016)	NA	June'16
22	Rashwinder Singh	"A REVIEW ON PREPROCESSING AND SEGMENTATION TECHNIQUES FOR THE DETECTION OF MICROCALCIFICATIONS IN MAMMOGRAMS"	JTRE, Volume 3, Issue 10, June – 2016.	NA	June'17
23	Swarn Singh	MICROSTRUCTURAL OBSERVATION AND MECHANICAL TESTING OF HYBRID ALUMINIUM COMPOSITE REINFORCED WITH Al <sub>2</sub> O <sub>3</sub> Gr AND B <sub>4</sub> C PARTICLES	International Journal of New Innovations(IJNI)	NA	Under Evaluation
24	Swarn Singh	Effect of Different Parameters On Internal Finishing of Brass Tubes using MAF Method	International Journal of New Innovations(IJNI)	NA	Under Evaluation