

## Shobhit University: List of Faculty Research Papers published in Scopus Indexed Journals:

Vinit Kumar, Niraj Singhal, Asutosh Dixit and A. K. Sharma, "A Novel Architecture of Perception Oriented Web Search Engine based on Decision Theory", Indian Journal of Science and Technology (ISSN (Print): 0974-6846, ISSN (Online): 0974-5645), Vol. 8(7), pp. 635–641, April 2015. H INDEX :18 CITATION INDEX :1.05 IMPACT FACTOR :2.35
Sinha, A. & Manjhi, J. Silver nanoparticles: green route of synthesis and antimicrobial profile, Int. J. Nanoparticles, Vol. 8, No. 1, 30-50, 2015. H INDEX :7 CITATION INDEX :0.32 IMPACT FACTOR :0.49
Choudhary M, Padaria J, Manjhi J. Transcriptional profiling in pearl millet for identification of differentially expressed drought responsible genes. Physiology and molecular Biology of plants. Vol. 21, No. 2, 187-196, 2015. H INDEX :16 CITATION INDEX :1 IMPACT FACTOR :1.32
Manjhi, J. Gupta, M. Sinha, A. Rawat, B. Rai, DV. Effects of Balsamodendron mukul Gum Resin Extract on Articular Cartilage in Papain Induced Osteoarthritis. Alternative Therapies in Health and Medicine. Vol. x, No. y, 2015. (accepted) H INDEX :49 CITATION INDEX :1.11 IMPACT FACTOR :1.42
Sharma, P. K., Sharma, P. K., Swamidas, J. V, Mahantshetty, U., Deshpande, D. D., Manjhi, J., & Rai, D. V. Dose optimization in gynecological 3D image based interstitial brachytherapy using martinez universal perineal interstitial template (MUPIT) -an institutional experience. Journal of medical physics, 39(3), 197–202, 2014. H INDEX: 11 CITATION INDEX :0.85 IMPACT FACTOR :1.18
Rihan Ansari, Quaisar perween, Gaurav Kumar, Jayanand, Durg Vijay Rai, Effect of Butylated Hydroxyanisole On Hydrogen Peroxide Induced Oxidative Stress On Cerebral Glioma Cell Line, Asian J Pharm Clin Res, Vol 7, Suppl 1, 2014. H INDEX : 7 CITATION INDEX : 0.51 IMPACT FACTOR : 0.73
Manjhi, J., Rawat, B., & Sinha, A. (2014). Effect of Balsamodendron Mukul Gum Resin Extract on Pain Response in Osteoarthritic Rats, Asian J Pharm Clin Res, Vol 7 ,Issue 3 , 115-120 H INDEX : 7 CITATION INDEX : 0.51 IMPACT FACTOR : 0.73
Yadav, L., & Manjhi, J. (2014). Non Inavsiive Biosensor for Diabetes Monitoring, Asian J Pharm Clin Res, Vol 7, Suppl2, 206-211 H INDEX : 7 CITATION INDEX : 0.51 IMPACT FACTOR : 0.73
Pawan Kumar Singh and Sanjay Sharma" Substrate Coupling of RF CMOS on Lightly Doped Substrate for Nanoscale Mixed-Signal Design" accepted in journal of computational and theoretical nanoscience, Volume 11, Number 4, pp. 1184-1188(5), April 2014. H INDEX : 23 CITATION INDEX : 0.67 IMPACT FACTOR : 0.93
Rashi Agarwal, Neelam Garg, Sonu Kashyap, R. P. Chauhan "Biosynthesis of Silver Nanoparticles Using Papaya Peels Extract and its application For Antibacterial Finish on Fabric" communicated with Indian Journal of Fibre and Textile Research.
Babu, Nagesh and Jyothi, Manchaladore N and Shivaram, Usha and Narayanaswamy, Sharadamma and Rai, Durg Vijay and Devaraj, Varadahalli R (2014) <i>Identification of</i>

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<p><i>miRNAs from French bean (Phaseolus vulgaris) under low nitrate stress. In: Turkish Journal of Biochemistry-Turk Biyokimya Dergisi, 39 (1). 1-U19.</i></p>			
H INDEX :	4	CITATION INDEX :	0.26
		IMPACT FACTOR :	0.3
<p>Singhal, R. G.; Bhise, Kiran; Tambe, Rashmi. Total flavonoid, total phenolic content, in-vitro anti inflammatory and antioxidant activity of extracts of two medicinal plants. Kulkarni, Maushumi; Journal of Pharmacy Research; Apr 2014, Vol. 8 Issue 4, p584</p>			
H INDEX :	5	CITATION INDEX :	0.53
		IMPACT FACTOR :	0.72
<p>Rashmi tambe, R.G Singhal, Kiran bhise, Maushumi Kulkarni. Total phenolic content, total flavonoid &amp; anti-bacterial activity of methanolic extracts of two medicinal plants. Journal of Pharmacy Research 2014,8(4),601-605</p>			
<p>Nida Murtaza et al."Capsaicin-induced transcriptional changes in hypothalamus and alterations in gut microbial count in high fat diet fed mice The Journal of nutritional biochemistry 25(9) 893-902 (2014).</p>			
<p>H INDEX :95 CITATION INDEX : 3.87 IMPACT FACTOR :5.24</p>			
<p>Nida Murtaza et al. " Finger millet bran consumption ameliorated obesity induced oxidative stress, inflammation and gut microbial derangements in high fat diet fed mice British Journal of Nutrition 09/2014; 114(9):1447-1458.</p>			
<p>H INDEX :127 CITATION INDEX : 3.31 IMPACT FACTOR :4.54</p>			
<p>Manjhi J, Sinha A, Ganger R, Rai DV, Gupta VK. Chemopreventive Effects of Pomegranate Fruit Extract on Acrylamide Induced Lung, Liver and Testis Carcinogenesis in Male Laka Mice. International Journal of Phytomedicine. Vol. 6, No. 4, 529-541, 2014.</p>			
<p>H INDEX :9 CITATION INDEX : 0.2 IMPACT FACTOR :0.43</p>			
<p>J. Manjhi, S. Kumar, J. Behari, and R. Mathur, "Effect of extremely low frequency magnetic field in prevention of spinal cord injury-induced osteoporosis.," Journal of rehabilitation research and development, vol. 50, no. 1, pp. 17–30, Jan. 2013.</p>			
<p>Bhardwaj, Payal, Rai, Durg Vijay;Garg, Mohan Lal, Zinc as a nutritional approach to bone loss prevention in an ovariectomized rat model, Menopause, 20 ( 11) - p 1184-1193, 2013</p>			
H INDEX :	66	CITATION INDEX :	3.17
		IMPACT FACTOR :	4.34
<p>Raj Kumr Sharma, Jyoti Sharma, D.V. Rai and Mohammad Jafar, COD Reduction from Industrial Wastewater using Thermal Liquid-Phase Oxidation Technique, 2013, Int. J. Chem. Sci., 11(2), 728-734.</p>			
H INDEX :	2	CITATION INDEX :	0.11
		IMPACT FACTOR :	0.23
<p>Suchita Mittal, Praveen K. Dixit, Rupesh K. Gautam, M.M Gupta "In-vitro anti-inflammatory activity of Hydroalcoholic extract of Asparagus racemosus roots," International Journal of Research in Pharmaceutical Sciences, Vol. 4(2), 1-4, 2013</p>			
H INDEX :	7	CITATION INDEX :	0.71
		IMPACT FACTOR :	0.95
<p>Rupesh K. Gutam, Praveen K. Dixit, Suchita Mittal, "Herbal sources of Antidepressant potential: A Review," International Journal of Pharmaceutical Sciences Review and Research. Vol. 18(1), 86-91, 2013.</p>			
H INDEX :	8	CITATION INDEX :	0.65
		IMPACT FACTOR :	0.88
<p>Mahipal Singh and Sahu, P. P. "A Wideband Linear Sinusoidal Frequency to Voltage Converter with Fast Response Time" Procedia Engineering (Elsevier), 2013.</p>			
H INDEX :	7	CITATION INDEX :	0.27
		IMPACT FACTOR :	0.43

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Praveen K. Dixit and Suchita Mittal. "Anti-inflammatory agents of Herbal Origin: An Overview," International Journal of Research in Pharmaceutical Sciences. Vol. 4(2), 295-302, 2013.					
H INDEX :	7	CITATION INDEX :	0.71	IMPACT FACTOR :	0.95
Praveen K. Dixit and Suchita Mittal. "A Comprehensive Review on Hepatoprotective Herbal Agents," International Journal of Pharmaceutical Sciences Review and Research. Vol. 20 (1), 165-170, 2013.					
H INDEX :	8	CITATION INDEX :	0.65	IMPACT FACTOR :	0.88
Praveen K. Dixit and Suchita Mittal. "A comprehensive review on anti-diabetic agents of herbal origin," International Journal of Pharmacy and Pharmaceutical Sciences. Vol. 5(2), 29-32, 2013					
H_index	11	CITATION INDEX :	1.59	IMPACT FACTOR :	2.08
Surbhi Singh and Niraj Kishore, "Direct Torque control of Three Phase Induction Motor Drive Using Dual Fuzzy Logic Controller with Reduced Fuzzy Rules", in International Journal of Applied Engineering Research (IJAER), ISSN 0973-4562, Volume 8, Number 8, 2013, pp 89-92					
H INDEX :	2	CITATION INDEX :	0.1	IMPACT FACTOR :	0.1
Pawan Kumar Singh and Sanjay Sharma, "Analytical parametric modeling of Nanoscale Surrounding Gate MOSFET Based on the Poisson's Equation" Accepted in Journal of computational and theoretical nanoscience", vol 10, pp 1-4, 2013.					
H INDEX :	23	CITATION INDEX :	0.67	IMPACT FACTOR :	0.93
Rekha Dixit et. al., The Tomato Genome Consortium (2012). The tomato genome sequence provides insights into fleshy fruit evolution. Nature 485 (7400): 635-641.					
H INDEX :	768	CITATION INDEX :	24.49	IMPACT FACTOR :	39.24
Rakesh Kumar Gupta, Dharmendra Kumar, Amrendra Kumar Chaudhary, Mukesh Maithani, Ranjit Singh, "Antidiabetic activity of Passiflora incarnata Linn. streptozotocin- induced diabetes in mice", Journal of Ethnopharmacology, 139 2012, 801-806.					
H INDEX :	102	CITATION INDEX :	3.24	IMPACT FACTOR :	4.23
Ruchi Solanki, Amrendra Kumar Chaudhary, Ranjit Singh, "Effect of leaf extract of Capparis Zeylanica Linn. on spatial learning and memory in rats", Journal of Natural Medicines, doi:10.1007/s11418-012-0626-2.					
H INDEX :	20	CITATION INDEX :	1.7	IMPACT FACTOR :	2.21
Upendra K. Jain, Richa K. Bhatia, Ranjit Singh, Ajit K. Saxena, Irum Sehar "Design and development of halogenated chalcone derivatives as potential anticancer agents", Tropical Journal of Pharmaceutical Research, Accepted 2012.					
H INDEX :	10	CITATION INDEX :	0.91	IMPACT FACTOR :	1.27
Kovidendra Kaushik, Deepti Chaurasia, Himanshu Chaurasia, Santosh Kumar Mishra, Peeyush Bhardwaj "Development and Characterization of Floating Alginate Beads for Gastroretentive Drug Delivery System" ACTA Pharmaceutica Scientia, 53:551-562(2011),					
H INDEX :	9	CITATION INDEX :	0.65	IMPACT FACTOR :	0.88
Anand Gaurav " Identifying the structural features of pyrazolo(4,3-C) quinoline-3-ones as inhibitors, accepted for publication in Current Enzyme Inhibition					
H INDEX :	8	CITATION INDEX :	0.62	IMPACT FACTOR :	0.82

## Shobhit University: List of Faculty Research Papers published in Scopus Indexed Journals:

Niraj Singhal, Ashutosh Dixit, R. P. Agarwal and A. K. Sharma, "Regulating Frequency of a Migrating Web Crawler based on Users Interest", International Journal of Engineering and Technology [ISSN:0975-4024], Vol. 4, No. 4, pp. 246-253, Aug-Sep 2012.					
H INDEX :	3	CITATION INDEX :	0.2	IMPACT FACTOR :	0.33
Niraj Singhal, R.P. Agarwal, Ashutosh Dixit and A.K. Sharma, "Reducing Network Traffic and Managing Volatile Web Contents Using Migrating Crawlers with Table of Variable Information", World Applied Sciences Journal [ISSN:1818-4952], IDOSI Publications, DOI:10.5829/idosi.wasj.2012.19.05.1083, Vol. 19, No. 5, pp. 666-673, 2012.					
H INDEX :	5	CITATION INDEX :	0.3	IMPACT FACTOR :	0.46
Harinath Dwivedi, Kusum Agarwal and Shubhini A Saraf, "Screening of uricase producing micro-organisms and uricase estimation: A simple and novel approach", International Journal of Pharmacy and Pharmaceutical Science, vol. 4, ISSN: 0975-1491, 2012					
H INDEX :	11	CITATION INDEX :	1.59	IMPACT FACTOR :	2.08
R.K. Jain, Ashok Kumar and B.K. Singh, "Track etch parameters and annealing kinetics assessment of protons of low energy in CR-39 detector", Nuclear Instruments and Methods in Physics Research B 274, 100-104, 2012.					
H INDEX :	78	CITATION INDEX :	1.25	IMPACT FACTOR :	1.8
Upendra K. Jain, Richa K. Bhatia, Raghuram Rao Akkinapally, Ranjit Singh, Pran kishore Deb and Venkat Rao Kaki, "Design and Synthesis of triphenyl-1h-pyrazole derivatives as anticancer agents" International Journal of Pharmacy and Pharmaceutical Science, Vol. 4, 2012					
H INDEX :	11	CITATION INDEX :	1.59	IMPACT FACTOR :	2.08
Pankaj Kumar Sonar, Ranjit Singh, Parveen Bansal and Shailendra K. Saraf, "Immunomodulatory Effects of the leaves of Rhododendron arboretum (Ericaceae)", E-Journal of Chemistry, 2012.					
H INDEX :	17	CITATION INDEX :	0.76	IMPACT FACTOR :	1.06
R. Guleria, N.S. Kaith, and R. Singh, PEG based solid dispersions of gliclazide: A comparative study. International Journal of Pharmacy and Pharmaceutical Sciences Vol 4, Suppl 1, 2012					
H INDEX :	11	CITATION INDEX :	1.59	IMPACT FACTOR :	2.08
Peeyush Bhardwaj, HimanshuChaurasiaDeeptiChaurasia, VipinAgarwal, PranavUpadhyay and R. Singh, "Development and Characterization of Elementary Osmotic Pump Tablets for Simultaneous Release of Metformin and Glipizide", Indian Drugs, Vol. 49(11), pp 19-29, 2012. (Adjudged as the best paper of the year, dated 5-Jan-2013)					
H INDEX :	26	CITATION INDEX :	0.13	IMPACT FACTOR :	0.27
Bisht and Himani Bajaj "Colon Targeting Approaches: Past, Present and Future" published in Indian Drugs.vol 49(3): 5-17, 2012.					
H INDEX :	26	CITATION INDEX :	0.13	IMPACT FACTOR :	0.27
Shivani Sharma, Himani Bajaj, Piyush bhardwaj, Anshul Dutt Sharma, Ranjeet Singh"Development and characterization of self emulsifying drug delivery system of a poorly water soluble drug using natural oil", ActaPoloniaePharmaceutica Drug Research .Vol. 69(4): 713-717, 2012					

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H INDEX : 21	CITATION INDEX : 0.99	IMPACT FACTOR : 1.3
R.K.Jain,Ashok Kumar,N.L.Singh,L.Tommasino and B.K. Singh, "Measurement of peak fluence of newtron beams using Bi-fussion detectors" accepted for publication in Pramana-Journal of Physics(Springer).		
H INDEX : 27	CITATION INDEX : 0.61	IMPACT FACTOR : 0.88
Pawan Kumar Singh and Sanjay Sharma, "Substrate Noise Analysis of Full Adder Circuit using Nanometer Technology for High-Ohmic Substrate" Journal of computational and theoretical nanoscience" vol 9 pp-1-5,August 2012		
H INDEX : 23	CITATION INDEX : 0.67	IMPACT FACTOR : 0.93
Amit Lather, Vikas Gupta, Amrendra Kumar Chaudhary, Ranjit Singh, Parveen Bansal, Pankaj Ghaiye, Renu Bansal, In vitro evaluation of antimicrobial activity of Kutajghan vati an Ayurvedic formulation. Pak J Pharm Sci. 2012 Jul;25(3):693-6.		
H INDEX : 17	CITATION INDEX : 1.37	IMPACT FACTOR : 1.7
Gaurav A1, Singh R. 3D QSAR pharmacophore, CoMFA and CoMSIA based design and docking studies on phenyl alkyl ketones asinhibitors of phosphodiesterase 4. Med Chem. 2012 Sep;8(5):894-912.		
H INDEX : 24	CITATION INDEX : 1.37	IMPACT FACTOR : 1.71
Anil Chaudhary, Neha Tiwari, Vikas Jain, Ranjit Singh, Microporous bi-layer osmotic tablet for colon specific delivery, European Journal of Pharmaceutics and Biopharmaceutics, doi:10.1016/j.ejpb.2011.01.004 (Article in Press Jan. 2011) (Impact Factor 3.151) (SCOPUS, Science Citation Index Expanded)		
H INDEX : 82	CITATION INDEX : 4.32	IMPACT FACTOR : 6
Laxmi Tripathi, Ranjit Singh, Anticonvulsant and neurotoxicity evaluation of some novel cyclohexyl-[4-substituted benzylidene/2-oxo-1,2-dihydro-indol-3-ylidene] thiosemicarbazides, Asian Journal of Chemistry; 2011, 23(1), 447-450. (SCOPUS, Web of Science, Science Citation Index Expanded)		
H INDEX : 20	CITATION INDEX : 0.29	IMPACT FACTOR : 0.45
Ritu Sanwal, Amrendra Kumar Chaudhary, Wound healing and antimicrobial potential of Carissa spinarum Linn. in albino mice, Journal of Ethnopharmacology, Published Online 2011, (doi:10.1016/j.jep.2011.04.025 ) (Impact Factor 2.322). (SCOPUS)		
H INDEX : 102	CITATION INDEX : 3.24	IMPACT FACTOR : 4.23
Purushottam Sharma, Deepika Jain, Mukesh Maithani, Santosh Kumar Mishra, Piush Khare, Vikas Jain, Ranjit Singh, Development and Characterization of Dutasteride Bearing Liposomal Systems for Topical Use, Current Drug Discovery Technologies, (Accepted April, 2011). (Impact Factor 1.82) (SCOPUS)		
H INDEX : 22	CITATION INDEX : 2.32	IMPACT FACTOR : 2.99
Sushil Kumar, A. K. Wahi, Ranjit Singh, Synthesis, computational studies, and preliminary pharmacological evaluation of new arylpiperazines as potential antipsychotics, Med. Chem. Res. (Accepted March 2011). (Impact Factor 1.037) (SCOPUS)		
H INDEX : 21	CITATION INDEX : 1.25	IMPACT FACTOR : 1.59
Anand Gaurav, Vertika Gautam, Ranjit Singh, Exploring the structure activity relationships of imidazole containing tetrahydrobenzodiazepines as farnesyltransferase inhibitors: a QSAR study, Letters in Drug Design & Discovery (Accepted March, 2011) (impact factor 0.805 ) (SCOPUS)		

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H INDEX : 15	CITATION INDEX : 0.88	IMPACT FACTOR : 1.14
Sushila Gupta*, Ranjit Singh, V. D. Ashwlayan, Pharmacological Activity of <i>Tinospora Cordifolia</i> , Pharmacologyonline, 2011, 1: 644-652. (impact factor 0.37 ) (SCOPUS)		
H INDEX : 11	CITATION INDEX : 0.21	IMPACT FACTOR : 0.37
V D Ashwlayan, Ranjit Singh, Reversal Effect of <i>Asparagus Racemosus</i> Wild (Liliaceae) Root Extract on Memory Deficits In Mice, International Journal of Drug Development & Research, Accepted 2011. (SCOPUS)		
H INDEX : 4	CITATION INDEX : 0.5	IMPACT FACTOR : 0.68
Irene Sarkar, Possible precursory accelerated benioff strain in the region on sistan suture zone of eastern iran, Acta Geophysica, 2011, 59 (2), 239-261. (impact factor 0.882 ) (SCOPUS)		
H INDEX : 26	CITATION INDEX : 0.51	IMPACT FACTOR : 0.93
Santosh Kumar Mishra, N. Garud, Ranjit Singh, Development and evaluation of mucoadhesive buccal patches of flurbiprofen, Acta Pol. Pharm. Drug Res., (Accepted Jan 2011) (Impact Factor 0.347) (Science Citation Index)		
H INDEX : 21	CITATION INDEX : 0.99	IMPACT FACTOR : 1.3
Wahi, A., Singh, R., Synthesis and preliminary pharmacological evaluation of 2-[4-(aryl substituted) piperazin-1-yl]-N-phenylacetamides: Potential antipsychotics, 2011, Tropical Journal of Pharmaceutical Research 10 (3), pp. 265-272, (0)		
H INDEX : 10	CITATION INDEX : 0.91	IMPACT FACTOR : 1.27
Anand Gaurav, Vertika Gautam and Ranjit Singh. Quantitative Structure-Activity Relationship and Design of Polysubstituted Quinoline Derivatives as Inhibitors of Phosphodiesterase 4. Medicinal Chemistry Research, DOI 10.1007/s00044-011-9831-x (Article in press). (Impact factor 1.058)		
H INDEX : 21	CITATION INDEX : 1.25	IMPACT FACTOR : 1.59
Dharmendra Kumar. Formulation and optimization of alkaline extracted Ispaghula husk microparticles of isoniazid- in vitro and in vivo, Journal of Microencapsulation, 2011, 28(6), 472-482. (Impact factor 1.515)		
H INDEX : 45	CITATION INDEX : 1.81	IMPACT FACTOR : 2.42
Naveen Chandra Joshi, Zaheer Ahmad, Santosh Kumar Mishra and Ranjit Singh. Formulation and Evaluation of Matrix Tablet of Tramadol Hydrochloride. Indian Journal of Pharmaceutical Education and Research, 2011, 45 (4). (Article in press)		
H INDEX : 7	CITATION INDEX : 0.78	IMPACT FACTOR : 1.03
Anuj Singh, Vrish Dhvaj Ashwlayan, Ranjit Singh. Pharmacological Review of Aegel Marmelose Fruit. International Journal of Pharmaceutical Sciences Review and Research, (Article in press) IJPSRR-09-015.		
H INDEX : 8	CITATION INDEX : 0.65	IMPACT FACTOR : 0.88
Dharmendra Kumar, Ranjit Singh. Anticataract activity of <i>Acoras Calamus</i> Linn. Against Hydrogen Peroxide Induced Cataractogenesis in Goat Eyes. International Journal of Pharmaceutical Sciences Review and Research, (Article in press) IJPSRR-11-0073.		
H INDEX : 8	CITATION INDEX : 0.65	IMPACT FACTOR : 0.88

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Durg Vijay Rai. Comparison between the QCT and the DEXA Scanners in the Evaluation of BMD in the Lumbar Spine. Journal of Clinical and Diagnostic Research, 2011, 5(4), 694-699.					
H INDEX :	5	CITATION INDEX :	0.22	IMPACT FACTOR :	0.36
Ashok Kumar. Systematic Study of Projectile Structure effect on the Fusion-Barrier Distribution. Physical Review C, 2011, 84, 011602(R) (Article in press). (Impact factor 3.416)					
H INDEX :	132	CITATION INDEX :	2.92	IMPACT FACTOR :	4.89
R.K. Jain. Measurement of Peak Fluence of Neutron Beam by Using Bi-Fission Detectors. Pramana-Journal of Physics. (Accepted). (Impact factor 0.561)					
H INDEX :	27	CITATION INDEX :	0.61	IMPACT FACTOR :	0.88
R.K. Jain. Track Etch Parameters and Annealing Kinetics Assessment of Protons of Low Energy in CR-39 Detectors Using Mini Proton Accelerator and 400 KV Van-de-Graff Accelerator. Nucl. Instr. and Methods in Physics Research B (Accepted with minor revision). (Impact factor 1.042)					
H INDEX :	78	CITATION INDEX :	1.25	IMPACT FACTOR :	1.84
Dilip Kumar Sharma and A.K. Sharma, "A novel architecture of Deep web crawler" International Journal of Information Technology and Web Engineering, USA, Vol. 6, No. 1, pp. 25.48, 2011.					
H INDEX :	5	CITATION INDEX :	0.11	IMPACT FACTOR :	0.25
P.S. Sandhu, Baljinder Singh, Vikas Gupta, Parveen Bansal and Dharmendra Kumar, "Potential Herbs used in ocular diseases", Journal of Pharmaceutical Sciences and Research, P.S. Sandhu et al/j. Pharm. Sci. & Res., Vol. 3(4), 2011.					
H INDEX :	7	CITATION INDEX :	0.66	IMPACT FACTOR :	0.92
A. Gaurav, R. Singh, "Quantitative Structure-Activity Relationship and design of phenyl alkyl ketone derivatives as inhibitors of phosphodiesterase 4. Future Medicinal Chemistry. Communicated 2011					
H INDEX :	17	CITATION INDEX :	3	IMPACT FACTOR :	3.87
Tirath Kumar, Mukesh Srivastav, A.K. Wahi, H.K. Singh and Ranjit Singh, "Randomized control, double blind cross-over study to clinically assess the rasayana effect of a standardized extract of brahmi (Bacopa Monniera) in adult human volunteers" International Journal of Pharmacy and Pharmaceutical Sciences, Vol 3, Issue 4, ISSN: 0975-1491, 2011.					
H INDEX :	11	CITATION INDEX :	1.59	IMPACT FACTOR :	2.08
Pooja Chawla, Ranjit Singh and Shailendra K. Saraf, "Syntheses and evaluation of 2,5-disubstituted 4-thiazolidinone analogues as antimicrobial agents" Medicinal Chemistry Research, ISSN: 1054-2523, 2011.					
H_index	21	CITATION INDEX :	1.25	IMPACT FACTOR :	1.59
Agarwal V., Sharma AK, Upadhyay A, Singh G "Pharmacognostic Evaluation of the Root of Citrulluscolocynthis Linn", Indian Drugs, Vol. 48 (10), Oct. 2011.					
H INDEX :	26	CITATION INDEX :	0.13	IMPACT FACTOR :	0.27
YadavMayank, Bajaj Himani, Singh Vinod, Singh Mamta"Quantum Dots: A New Hope for the Medical World", Indian Drugs. Vol 48(3), 5-8, 2011.					
H INDEX :	26	CITATION INDEX :	0.13	IMPACT FACTOR :	0.27

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MayankYadav,Himani Bajaj, SeemaBisht, Vinod Singh, Mamta Singh “Design & Development of Nevirapine Loaded Surfactant free chitosan microemulsion”, ActaPoloniaePharmaceutica Drug Research. Vol. 68(6), 981-988, 2011.	H INDEX : 21	CITATION INDEX : 0.99	IMPACT FACTOR : 1.3
HimanshuChaurasia, Kumar Rahul Singh,DeeptiChaurasia, PeeyushBhardwaj, Ranjit Singh ,Formulation and evaluation of colon specific drug delivery system. Acta Pharmaceutica Scientia, Vol. 53, 2011.	H INDEX : 9	CITATION INDEX : 0.65	IMPACT FACTOR : 0.88
DeeptiChaurasia, K. Kaushik ,PeeyushBhardwaj, HimanshuChaurasia, , Sanjay K.Jain&Shobhna Singh, In vitroCharecterization of Floating microsphere of Tramadol HCl,. Acta Poloniae Pharmaceutica –Drug research, Vol. 68(5): 795-801, 2011.	H INDEX : 21	CITATION INDEX : 0.99	IMPACT FACTOR : 1.3
HimanshuChaurasia, Kovidendra Kaushik, DeeptiChaurasia, PeeyushBhardwaj, Development and Characterization Of Floating Alginate Beads For Gasteroretentive Drug Delivery., Acta Pharmaceutica Scientia, 53(4): 551-562, 2011	H INDEX : 9	CITATION INDEX : 0.65	IMPACT FACTOR : 0.88
Shiwani Sharma, A.D.Sharma, Md. ArifNaseer, R.Singh: Formulation and evaluation of self-emulsifying drug delivery system of Ibuprofen using castor oil. Int J Pharm Pharm Sci.,3(4): 299-302.(2011)	H INDEX : 11	CITATION INDEX : 1.59	IMPACT FACTOR : 2.08
Ashish Kumar Sharma*, VipinAgarwal, Rajesh Kumar, A. Balasubramaniam, Anurag Mishra, Rajiv Gupt “Pharmacological Studies on Seeds of AlangiumSalvifolium Linn.” ActaPolaniePharmaceutica- Drug Research, Vol. 68, No. 6, pp 897-904, Nov.2011.	H INDEX : 21	CITATION INDEX : 0.99	IMPACT FACTOR : 1.3
Bansal S.C, Khandelwal N, Sen R, Rai D.V, Bhadada S K, Goswami N and Sharma K. AComparison between the QCT and the DEXA Scanners in the Evaluation of BMD in the Lumbar Spine, Journal of Clinical and Diagnostic Research. 2011 August, Vol-5(4): 694-699	H INDEX : 5	CITATION INDEX : 0.22	IMPACT FACTOR : 0.36
Deepika Jain, Vikas Jain, Ranjit Singh, Novel antigen delivery technologies-A review, Drug Delivery and Translational Research. (Accepted Jan. 2011). (Google Scholar)	H INDEX : 6	CITATION INDEX : 2.55	IMPACT FACTOR : 3.17
V D Ashwlayan, Ranjit Singh, Reversal Effect of Phyllanthus Emblica (Euphorbiaceae) Rasayana on Memory Deficits In Mice, International Journal of Applied Pharmaceutics, 2011, 3 (2). (Index Copernicus, DOAJ, Google Scholar)	H INDEX : 2	CITATION INDEX : 0.71	IMPACT FACTOR : 0.89
D.C.P Singh, S.R. Hashim, R.G. Singhal “Synthesis and antimicrobial activity of some new thio-ether derivatives of quinoxaline” in E-Journal of Chemistry (Accepted Oct. 2010). (SCOPUS, Science Citation Index Expanded)	H INDEX : 17	CITATION INDEX : 0.76	IMPACT FACTOR : 1.06
Harminder, V Singh, A K Chaudhary. A Review on the Taxonomy, Ethnobotany, Chemistry and Pharmacology of Oroxylum indicum Vent. Indian Journal of Pharmaceutical Sciences 09/2011; 73(5):483-90. DOI: 10.4103/0250-474X.98981	H INDEX : 28	CITATION INDEX : 0.77	IMPACT FACTOR : 1



## Shobhit University: List of Faculty Research Papers published in Scopus Indexed Journals:

Jayanand Manjhi, Rashmi Mathur, and Jitendra Behari, "Effect of low level capacitive-coupled pulsed electric field stimulation on mineral profile of weight-bearing bones in ovariectomized rats.," Journal of biomedical materials research. Part B, Applied biomaterials, vol. 92, no. 1, pp. 189–95, Jan. 2010.			
H INDEX :	47	CITATION INDEX :	2.37
		IMPACT FACTOR :	3.13
Laxmi Tripathi, Ranjit Singh, Design & synthesis of N'- [substituted] pyridine-4-carbohydrazides as potential anticonvulsant agents, European Journal of Medicinal Chemistry, Online Published 2010, (doi:10.1016/j.ejmech.2010.11.030) (Impact Factor 3.269). (SCOPUS, Science Citation Index)			
H INDEX :	75	CITATION INDEX :	3.76
		IMPACT FACTOR :	4.82
Avadhesh Kumar, Vandana Singh, Amrendra Kumar Chaudhary, Gastric antisecretory and antiulcer activities of Cedrus deodara (Roxb.) Loud, in Wistar rats, Journal of Ethnopharmacology, Published Online 2010, (doi: 10.1016/j.jep.2010.12.019) (Impact Factor 2.322). (SCOPUS, Science Citation Index)			
H INDEX :	102	CITATION INDEX :	3.24
		IMPACT FACTOR :	4.23
D. Jain, K. Pathak, Design, characterization and evaluation of meloxicam hydrogel prepared by suspension and solution polymerization using solubility parameter as the basis for development, AAPS PharmSciTech (Published Online, Jan. 2010). (Impact Factor 1.49) (SCOPUS, Science Citation Index)			
H INDEX :	34	CITATION INDEX :	1.94
		IMPACT FACTOR :	2.6
Mayank Kumar Rai and Sankar Sarkar, "Influence of tube diameter on Carbon nanotube delay", Phy. Status Solidi A, available on line, 2011, 1-5, DOI 10.1002/pssa.201026314. (Impact Factor 1.228) (Science Citation Index, Science Citation Index Expanded, SCOPUS Web of Science)			
H INDEX :	67	CITATION INDEX :	1.55
		IMPACT FACTOR :	2.34
Renu Sehrawat, Mukesh Maithani, Ranjit Singh, Regulatory Aspects in Development of Stability Indicating Methods, Chromatographia. 2010, 72, (1-2), 1-6, DOI: 10.1365/s10337-010-1612-z. (Impact Factor 1.098) (SCOPUS, Science Citation Index Expanded)			
H INDEX :	50	CITATION INDEX :	1.47
		IMPACT FACTOR :	2.02
Anand Gaurav, Mange R. Yadav, Rajani Giridhar, Vertika Gautam, Ranjit Singh, 3D-QSAR studies of 4-quinolone derivatives as high-affinity ligands at the benzodiazepine site of brain GABAA receptors, Med. Chem. Res. (Published Online, Feb. 2010). (Impact Factor 1.037) (SCOPUS, Science Citation Index Expanded)			
H INDEX :	23	CITATION INDEX :	1.25
		IMPACT FACTOR :	1.59
Sarkar Sarkar, Possible Precursory Accelerated Benioff Strain in the Region of Sistan Suture Zone of Eastern Iran, Acta Geophysica (Online since Dec. 20, 2010). (Impact Factor 0.882) (Science Citation Index Expanded, SCOPUS)			
H INDEX :	26	CITATION INDEX :	0.51
		IMPACT FACTOR :	0.93
Ramesh Vaddi, S. Das Gupta and R.P. Agarwal, "Robustness comparison of DG-FinFET's with Symmetric, Asymmetric, Tied and Independent gate options with circuit Co-design for ultra low power sub threshold logic, Micro Electronics Journal, 2010, 41 (4), 195-211. (Impact Factor 0.778) (SCOPUS)			
H INDEX :	38	CITATION INDEX :	1.19
		IMPACT FACTOR :	1.7

## Shobhit University: List of Faculty Research Papers published in Scopus Indexed Journals:

Brajesh Kumar Kaushik, Sankar Sarkar, Rajendra prasad Agarwal, R.C. Joshi, “An analytical approach to dynamic crosstalk in coupled interconnects”, Microelectronics Journal, 2010, 41 (2-3), 85-92. (Impact Factor 0.778) (SCOPUS)					
H INDEX :	38	CITATION INDEX :	1.19	IMPACT FACTOR :	1.7
Brajesh Kumar Kaushik, Rajendra P. Agarwal, Sankar Sarkar, Ramesh C. Joshi and D. S. Chauhan, “Repeater insertion in crosstalk-aware inductively and capacitively coupled interconnects”, International journal of circuit theory and applications (Available on line in advance of print) www.interscience.wiley.com , 2010. DOI: 10.1002/cta.66. (Impact Factor 0.627) (Science Citation Index, Science Citation Index Expanded, SCOPUS Web of Science)					
H INDEX :	34	CITATION INDEX :	1.45	IMPACT FACTOR :	1.91
Ramesh Vaddi, S. Das Gupta and R.P. Agarwal, “Robust and ultra low power sub threshold logic circuits with system and Asym., 3T, 4T. DGFinFETS” Journal of low power electronics, 2010, 6 (1), 103-114. (SCOPUS)					
H INDEX :	8	CITATION INDEX :	0.29	IMPACT FACTOR :	0.49
Yograj Singh Duksh, Brajesh Kumar Kaushik, Sankar Sarkar, Raghuvir Singh, “Performance comparison carbon nanotubes, nickel silicide nanowire copper VLSI interconnects perspective and challenges ahead”, Journal of engineering design and technology, 2010, 8, 344-353. (SCOPUS)					
H INDEX :	6	CITATION INDEX :	0.26	IMPACT FACTOR :	0.39
A. Pathak, V. Jain, A.K. Nagariya, R. Singh, S. Nayak, P. Bansal, V. Gupta, S. Kumar, H. Singh, Recent advances in self emulsifying drug delivery system- A review, Drug Invention Today, 2010, 2(2), 123-129. (SCOPUS, Web of Science)					
H INDEX :	2	CITATION INDEX :	0	IMPACT FACTOR :	0
Amit Lather, Vikas Gupta, Praveen Bansal, Ranjit Singh, Amrendra Kumar Chaudhary. Pharmacological potential of medicinal plants used in treatment of gout. Drug Invention Today. Published Online 2010, 2(10). (SCOPUS, Web of Science)					
H INDEX :	2	CITATION INDEX :	0	IMPACT FACTOR :	0
Vikas Jain, Ranjit Singh, Development and Characterization of Eudragit RS 100 Loaded Microsponges and its Colonic Delivery Using Natural Polysaccharides, Acta Pol. Pharm. Drug Res., 2010, 67 (4) 407-415. (Impact Factor 0.347) (Science Citation Index)					
H INDEX :	21	CITATION INDEX :	0.99	IMPACT FACTOR :	1.3
Vikas Jain, Pradeep Kare, Deepika Jain, Ranjit Singh, Development and characterization of mucoadhesive nanosuspension of ciprofloxacin, Acta Pol. Pharm. Drug Res., (Impact Factor 0.347) (Accepted, May 2010). (Science Citation Index)					
H INDEX :	21	CITATION INDEX :	0.99	IMPACT FACTOR :	1.3
D. Jain, K. Pathak, Design, characterization and evaluation of meloxicam hydrogel prepared by bulk polymerization. Indian J.Pharm. Educ. Res. 2010, 44(3), 220-226. (Impact Factor 0.15) (Science Citation Index)					
H INDEX :	7	CITATION INDEX :	0.78	IMPACT FACTOR :	1.03
Duksh, Y.S., Kaushik, B.K., Sarkar, S.,Singh, R., Performance comparison of carbon nanotube, nickel silicide nanowire and copper VLSI interconnects: Perspectives and challenges ahead,2010,Journal of Engineering, Design and Technology 8 (3), pp. 334-353(0)					

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H INDEX :	6	CITATION INDEX :	0.26	IMPACT FACTOR :	0.39
Agarwal, D., Tripathi, S.P., Singh, J.B., TrFRA: A trust based fuzzy regression analysis, 2010, International Review on Computers and Software 5 (6), pp. 668-670					
H INDEX :	8	CITATION INDEX :	0.78	IMPACT FACTOR :	1
Devi, R., Singh, V., Chaudhary, A.K., Antidiabetic activity of Pilocarpus microphyllus extract on streptozotocin-induced diabetic mice, 2010, International Journal of Pharmaceutical Sciences Review and Research 5 (1), pp. 87-92					
H INDEX :	8	CITATION INDEX :	0.65	IMPACT FACTOR :	0.88
Verma, S., Biswas, R., Singh, J.B., Extension of superbloc technique to hyperblock using predicate hierarchy graph, 2010, Communications in Computer and Information Science 95 CCIS (PART 2), pp. 217-229					
H INDEX :	9	CITATION INDEX :	0.13	IMPACT FACTOR :	0.27
Sood, R., Kalia, M., Cloudbank: A secure anonymous banking cloud, 2010, Communications in Computer and Information Science 94 CCIS (PART 1), pp. 295-304					
H INDEX :	9	CITATION INDEX :	0.13	IMPACT FACTOR :	0.27
Dutta, S., Sutradhar, S., Sachan, K., Computer-aided drug design - A new approach in drug design and discovery, 2010, International Journal of Pharmaceutical Sciences Review and Research 4 (3), pp. 146-151					
H INDEX :	8	CITATION INDEX :	0.65	IMPACT FACTOR :	0.88
Meena, A.K., Yadav, A., Singh, U., Singh, B., Sandeep, Kiran, Rao, M.M., Evaluation of physicochemical parameters on the fruit of Terminalia bellirica Roxb, 2010, International Journal of Pharmacy and Pharmaceutical Sciences 2 (SUPPL. 2), pp. 97-99					
H INDEX :	11	CITATION INDEX :	1.59	IMPACT FACTOR :	2.08
Kumar, N., Verma, N., Singh, O., Joshi, N., Singh, K.G., Estimation of atenolol by reverse phase high performance liquid chromatography ,2010, E-Journal of Chemistry 7 (3), pp. 962-966					
H INDEX :	17	CITATION INDEX :	0.76	IMPACT FACTOR :	1.06
M. Jain, S.C. Agarwal and P. Agarwal, "Markovian software reliability model for two types of failures with imperfect debugging rate and generation of errors", International Journal of Engineering, Iran, 2010.					
H INDEX :	5	CITATION INDEX :	0.34	IMPACT FACTOR :	0.56
M. Jain, S.C. Agarwal and P. Agarwal, "Discrete Time based flexible software reliability growth models (SRGMs) for different discrete failure rates", International Journal of operational research (IJOR), 2010.					
H INDEX :	12	CITATION INDEX :	1.27	IMPACT FACTOR :	1.8
Dilip Kumar Sharma and A.K. Sharma, "Deep Web information retrieval process a technical survey", International Journal of Information Technology & Web Engineering, USA, Vol. 5, No. 1, pp. 1-22, 2010.					
H INDEX :	5	CITATION INDEX :	0.11	IMPACT FACTOR :	0.25
Sushil Kumar, A.K. Wahi and Ranjit Singh, "Synthesis and preliminary pharmacological evaluation of 2-[4-(aryl substituted) piperazin-1-yl]-N-phenylacetamides Potential antipsychotics", has been accepted for publication in Tropical Journal of Pharmaceutical research					

## Shobhit University: List of Faculty Research Papers published in Scopus Indexed Journals:

H INDEX :	10	CITATION INDEX :	0.91	IMPACT FACTOR :	1.27
Sushil Kumar, A.K. Wahi and Ranjit Singh, "Synthesis, computational studies and preliminary pharmacological evaluation of new arylpiperazines" has been accepted for publication in E-Journal of chemistry.					
H INDEX :	17	CITATION INDEX :	0.76	IMPACT FACTOR :	1.06
Peeyush Bhardwaj, Himanshu Chaurasia, Deepti Chaurasia, Sunil K. Prajapati & Shobhna Singh, Formulation and in-vitro evaluation of floating microballoons of Indomethacin. Acta Poloniae Pharmaceutica –Drug research, 67,291-298., 2010.					
H INDEX :	21	CITATION INDEX :	0.99	IMPACT FACTOR :	1.3
Dharmchand Prasad Singh, Sanjay Kumar Deivedi, Syed Riaz Hashim and Ram Gopal Singhal, Synthesis and Antimicrobial Activity of Some New Quinoxaline Derivatives., <i>Pharmaceuticals</i> 2010, 3(8), 2416-2425; doi:10.3390/ph3082416					
H INDEX :	13	CITATION INDEX :	1.54	IMPACT FACTOR :	2
Jayanand and J. Behari, "Changes in bone histology due to capacitive electric field stimulation of ovariectomized rat.," The Indian journal of medical research, vol. 130, no. 6, pp. 720–5, Dec. 2009.					
H INDEX :	11	CITATION INDEX :	0.75	IMPACT FACTOR :	0.93
Anand Gaurav, Mange R. Yadav, Rajni Giridhar, Vertika Gautam and Ranjit Singh, QSAR studies on 4- quinolone derivatives as high affinity ligands at the benzodiazepine site of brain GABA-A receptors, <i>Medicinal Chemistry</i> , 2009, 5(4), 353-358. . (Impact Factor 1.642) (SCOPUS, Science Citation Index)					
H INDEX :	24	CITATION INDEX :	1.37	IMPACT FACTOR :	1.71
Ranjit Singh, Vikas Jain, Development and Characterization of Colon-Specific Drug Delivery System Containing Paracetamol Microsponges, <i>Archives of Pharmacal Research</i> . (Accepted; 2009) (Impact Factor 1.159) (SCOPUS, Science Citation Index Expanded)					
H_index	44	CITATION INDEX :	1.7	IMPACT FACTOR :	2.21
Y. Sultana, Shalini Mall, D. P. Maurya, D. Kumar and M. Das, Preparation and in vitro characterization of diltiazem hydrochloride loaded alginate microspheres, <i>Pharmaceutical Development and Technology</i> , 2009, 1-11, 321-331. (Impact Factor 0.895) (SCOPUS, Science Citation Index)					
H INDEX :	35	CITATION INDEX :	1.44	IMPACT FACTOR :	1.95
Ramesh Vaddi, S. Das Gupta and R.P. Agarwal, "Analytical Modeling or Subthreshold current and sub threshold suring of an underlap DGMOSFET with Tied independent Gate and symmetric asymmetric options" Accepted in <i>Microelectronics Journal</i> . (Impact Factor 0.778) (SCOPUS)					
H INDEX :	38	CITATION INDEX :	1.19	IMPACT FACTOR :	1.7
Brajesh Kumar Kaushik, Sankar Sarkar, Rajendra P. Agarwal, R.C. Joshi, "Crosstalk analysis of simultaneously switching interconnects", <i>International Journal of Electronics</i> , 2009, 96 (10), 1095-1114. (Impact Factor 0.430) (SCOPUS, Science Citation Index)					
H INDEX :	34	CITATION INDEX :	0.63	IMPACT FACTOR :	0.93
Dixit, R, Bhargava, A, Dalal, V , Plaha, P, Singh, NK and Sharma, TR. (2009) Accumulation of Defense Response-related and Unique expressed sequence tags					

## Shobhit University: List of Faculty Research Papers published in Scopus Indexed Journals:

during the incompatible interaction in <i>Oryza sativa</i> - <i>Magnaporthe oryzae</i> Pathosystem (p). Journal of Phytopathology. 157(7): 483-489.					
H INDEX :	33	CITATION INDEX :	1.04	IMPACT FACTOR :	1.55
Laxmi Tripathi, Praveen Kumar and Ranjit Singh, A Review on extraction, synthesis and anticancer activity of Betulinic Acid, Current Bioactive Compounds, 2009, 5(2), 160-168. (SCOPUS)					
H INDEX :	10	CITATION INDEX :	0.87	IMPACT FACTOR :	1.45
Laxmi Tripathi, Praveen Kumar and Ranjit Singh, Role of chelates in magnetic resonance imaging studies of cancer, Journal of Cancer Research and Therapeutics, 2009, 5(3), 148-153. (SCOPUS, Web of Science, Science Citation Index)					
H INDEX :	13	CITATION INDEX :	1.07	IMPACT FACTOR :	1.45
Ramesh Vaddi, S. Dasgupta and R.P. Agarwal, "Device and Circuit Design Challenges in the Digital Subthreshold Region for Ultra-Low Power Applications" Journal of VLSI Design, Hindawi publishing corporation, Vol. 2009, pp.1-14, 2009. (SCOPUS)					
H INDEX :	15	CITATION INDEX :	0.58	IMPACT FACTOR :	0.74
D. Jain, D. Pathak, K. Pathak, Pharmaceutical product development technologies based on the biopharmaceutical classification system, Die Pharmazie, 483-490, 2009. (Impact Factor 0.8) (Science Citation Index)					
H INDEX :	46	CITATION INDEX :	1.07	IMPACT FACTOR :	1.39
Verma, K.G., Kaushik, B.K., Singh, R. , Effects of process variation in VLSI interconnects A technical review ,2009, Microelectronics International 26 (3), pp. 49-55					
H INDEX :	13	CITATION INDEX :	1	IMPACT FACTOR :	1.29
A.G. Hari Haran, Murtuza Ali, Neeraj Mishra and Sanjay Jain, "Catalytic antibodies as potential therapeutics", Indian Journal of Biotechnology, Vol 8: July 2009: 253-258.					
H INDEX :	13	CITATION INDEX :	0.67	IMPACT FACTOR :	0.91
M. Jain, S.C. Agarwal, and P. Agarwal, "Optimal Testing time for software Reliability Growth Models", International Journal of Engineering, Iran, 2009.					
H INDEX :	5	CITATION INDEX :	0.34	IMPACT FACTOR :	0.56