

**3.4.7 (H Index)**

<b>Sr. No.</b>	<b>Name of the author</b>	<b>Title of the paper</b>	<b>Title of the Journal</b>	<b>Year of publication</b>	<b>ISBN/ISSN number of the publication</b>	<b>H Index</b>	<b>Name of the publisher</b>
<b>1.</b>	<b>Dr Arvind Bhatt</b>	Common fixed points for JH-operators and occasionally weakly g-biased pairs under relaxed condition on probabilistic metric space	Journal of Function Spaces	2013	2314-8809 (print) 2314-8888 (online)	03	Hindawi
<b>2.</b>	<b>Dr. Gagan Singh</b>	Use of Internet for Research and Educational Activities By Research Scholars: A Study of D.S.B Campus of Kumaun University-Nainital	International Journal of Engineering and Management Sciences	2013	2229-600X	3	Society for Science and Nature
<b>3.</b>	<b>Dr. Pooja Juyal</b>	Medicinal Phyto-diversity of Bhabar Tract of Garhwal Himalaya	Journal of Medicinal Plants Studies	2013	2320-3862	3	Plants Journal International Journal
<b>4.</b>	<b>Dr. Sumit Prasad</b>	Evaluation of Benchmark Practices of Training & Development of Professional Education Educators in India: A Proposal with Respect to Aspirants	International Journal of Trends in Economics Management & Technology (IJTEMT)	2013	2321-5518	5	IJTEMT Press
<b>5.</b>	<b>Dr. Charu C. Pant</b>	Steam Volatile oil from Scutellaria repens Buch-Ham. Ex D. Don; its composition and Antibacterial activity	Journal of Essential Oil Research	2013	1041-2905	4	Taylor & Francis

6.	<b>Dr. Pooja Juyal</b>	Indigenous Animal Health Care Practices from Garhwal Himalaya	Journal of Medicinal Plants	2013	2315-7720	3	Academia Publishing
7.	<b>Dr. Vinod Kumar</b>	In Vitro inhibition activity of essential oils from some Lamiaceae species against phytopathogenic fungi	Pesticide biochemistry and physiology	2014	0048-3575	4	Academic Press
8.	<b>Dr Vinod Kumar</b>	Antifungal activity of Nepeta elliptica Royale ex Benth.oil and its major constituent (7R)-trans, trans-nepetalactone: A Comparative Study	Industrial Crops and Products	2014	0926-6690	04	Elsevier
9.	<b>Dr. Vinod Kumar</b>	Chemical Composition and Antifungal activity of Essential Oils from three Himalayan Erigeron Species	LWT-Food Science and Technology	2014	0023-6438 (Print) 1096-1127 (Web)	04	Academic Press
10.	<b>Dr. Pooja Juyal</b>	Indigenous uses of plants in different women ailments in Garhwal region	Indian Journal of Pharmaceutical and Biological Research	2014	2320-9267	3	Shri Manmohan Sharma Educational Society (SMSES) MBD
11.	<b>Dr. Preeti Bora</b>	Development of low glycemic index green gram husk incorporated fiber rich food products and their intervention for health benefits	International Journal of Food Nutrition Science	2014	2320-7876	2	IIFANS, New Delhi

12.	<b>Prof. Durgesh Pant</b>	An Analysis of the Performance of Artificial Neural Network technique for apple Classification	AI& Society	2014	0951-5666	9	Springer
13.	<b>Prof. Durgesh Pant</b>	GIS-based aquaculture Site Suitability Study Using Mutli-Criteria	Indian Journal of Fisheries	2014	0970-6011	9	CMFRI, Kochi
14.	<b>Prof. Durgesh Pant</b>	Proposed E-Health Service Model by Using Smart Phone Apps for Uttarakhand	International Journal of Computer Applications	2014	0975-8887	9	Foundation of Computer Science (FCS)
15.	<b>Dr Ashutosh Bhatt</b>	An Analysis of the Performance of Artificial Neural Network Technique for Apple Classificaiton	AI & Society	2014	0951-5666	8	Springer, London
16.	<b>Dr. Preeti Bora</b>	Fiber Rich Snack Food Products Incorporated with Green Gram Husk and their suitability for disbetics	Asian Journal of Dairy and Food Research	2015	0971-4456	02	Agricultural Research Communication Centre
17.	<b>Dr. Gagan Singh</b>	Disinvestment and Performance of Profit and Loss making Central Public sector Enterprises of India	Paripex-Indian Journal of Research	2015	2250-1991	3	World Wide Journals
18.	<b>Dr. Kritika Padalia</b>	How does traditional home-gardens support ethnomedicinal values in Kumaun Himalayan Bhabhar belt, India?	African Journal of Traditional, Complementary and Alternative Medicines	2015	0189-6016	5	African on Ethnomedicines Network

19.	<b>Dr. Ghanshyam Joshi</b>	Child Rights in India: A Light on the Role of NHRC in Implementing them	International Journal of Trends in Economics Management & Technology (IJTEMT)	2015	2321-5518	2	IJTEMT-USA
20.	<b>Dr. Manjari Agarwal</b>	Exploring the Potential of E-Commerce in the Digital Age: Challenges and Opportunities for Commerce Education	IUP Journal of Information Technology	2015	0973-2896	1	ICFAI
21.	<b>Dr. Meenakshi Rana</b>	“Turn on/off” proton transfer based fluorescent sensor for selective detection of environmentally hazardous metal ions (Zn <sup>2+</sup> , Pb <sup>2+</sup> ) in aqueous media	Journal of Luminescence	2015	0022-2313	05	Elsevier
22.	<b>Prof. Durgesh Pant</b>	Hbrid Microscopic Discrete Evolutionary Model for Traffic Signal	Journal of Next Generation Information Technology	2015	2092-8637 (Print) 2233-9388 (Online)	9	
23.	<b>Prof. Durgesh Pant</b>	Automatic Apple Grading Model Development Based on Back Propagation Neural Network and Machine Vision and its Performance Evaluation	AI & Society	2015	0951-5666	9	Springer London

24.	<b>Dr Ashutosh Bhatt</b>	Automatic Apple grading model development based on back propagation neural network and machine vision and its performance evaluation	Ai & Society	2015	0951-5666	8	Springer, London
25.	<b>Dr Jyoti Rani</b>	Spherical gravitational collapse of anisotropic radiating fluid sphere	International Journal of Astronomy and Astrophysics	2016	2161-4717	1	Scientific Research Publishing
26.	<b>Dr. Ashutosh Bhatt</b>	A Comparative Performance Analysis of Feature Extraction Techniques for Hyperspectral Image Classification	International Journal of Software Engineering and Its Applications	2016	1738-9984	8	Science and Engineering Research Support Society
27.	<b>Dr. Vinod Kumar</b>	Assessment of Physicochemical Properties of Soils from different Land Use Systems in Uttarakhand, India	Journal of Chemical Engineering and Chemistry Research	2016	2333-9195 Online 2333-9209 Print	4	Ethan Publishing Company
28.	<b>Dr. Kamlesh Bisht</b>	Fuzzy time series forecasting method based on hesitant fuzzy sets	Expert Systems with Applications	2016	0957-4174	4	Elsevier
29.	<b>Dr. Rajesh Mathpal</b>	Study of Cosmic Ray Intensity in Relation to the Interplanetary Magnetic Field and Geomagnetic Storms for Solar Cycle 23	Solar Physics	2016	0038-0938 (Print), 1573-093X (Online)	2	Springer

30.	<b>Dr. Meenakshi Rana</b>	Investigation of nonlinear optical (NLO) properties by charge transfer contributions of amine functionalized tetraphenylethylene	Optical Materials	2016	ISSN 0925-3467	05	Elsevier
31.	<b>Dr. Charu C. Pant</b>	<u>Terpenoid composition and antibacterial activity of the essential oil from Inula cappa (Buch-Ham. ex. D. Don) DC</u>	Journal of Essential Oil Research	2016	1041-2905	4	Taylor & Francis
32.	<b>Dr. Ashutosh Bhatt</b>	High Performance FIFO Design for Processor through Voltage Scaling Technique	Indian Journal of Science and Technology	2016	(Print): 0974-6846 ISSN(Online): 0974-5645	8	Indian J Science and technology publication(Web of Science/SCIE)
33.	<b>Dr. Ashutosh Bhatt</b>	HSTL IO Standards Based Processor Specific Green Counter Design on 90nm FPGA	International Journal of Control and Automation (Scopus indexed) published by Science and Engineering Research Support Society	2016	ISSN: 20054297	8	Science and Engineering Research Support Society
34.	<b>Prof. Durgesh Pant</b>	M-Governance Model To Accentuate Governance Framework In Governance Architecture To Empower People In Himalayan Villages Using Mobile Technology	International Journal of Advanced Research in Computer Science	2016	ISSN 0976-5697, Volume 7, No. 4, pp 29-33.	10	International Journal of Advanced Research in Computer Science

35.	<b>Dr Shivangi Upadhyay</b>	Coincidence and Common Fixed Point Theorems for faintly compatible Maps	TWMS Journals of Applied and Engineering Mathematics	2017	2146-1147	3	ISIS University
36.	<b>Dr. Shivangi Upadhyay</b>	Common fixed point theorems via generalized condition (B) in quasi-partial metric space and applications	Demonstration Mathematics	2017	2391-4661	3	De Gruyter Open
37.	<b>Dr. Ashutosh Bhatt</b>	An Investigation of Assessment and Modelling the Water Quality of Rivers Based on Artificial Neural Networks- An Initiative towards the River Ganga	International Journal on Future Revolution in Computer Science & Communication Engineering(IJFRS CE)	2017	ISSN: 2454-4248	8	Auricle Technologies Pvt. Ltd.
38.	<b>Dr. Ashutosh Bhatt</b>	Health Recommender System and its applicability with Map Reduce Framework	Advances in Intelligent Systems and Computing, book series (AISC, volume 584)	2017	ISSN: 21945357	8	Springer
39.	<b>Dr. Ashutosh Bhatt</b>	Enhancing TCP Communication in Cognitive Radio Network	International Journal of Scientific & Engineering Research	2017	ISSN 2229-5518	8	IJSER PUBLISHING

40.	<b>Dr. Ashutosh Bhatt</b>	Efficiency Comparison of Various ANN-Based and SVM-Based Techniques for Classification problem : A Review	International Journal of Scientific and Engineering Research	2017	ISSN:2229-5518	8	IJSER PUBLISHING
41.	<b>Dr. Ahutosh Bhatt</b>	Literature Review: Cloud Computing Security Issues and Techniques	International Journal of Computer Science and Information Security	2017	ISSN 1947-5500	8	Pittsburgh PA: IJCSIS Publication
42.	<b>Prof. Durgesth Pant</b>	Criticality of Deploying Digital Intervention in Higher Education: a Case Study of Uttarakhand	International Journal of Computer Science and Software Engineering (IJCSSE),	Sep-16	ISSN (Online): 2409-4285, Volume 5, Issue 9, pp 213-217.	10	International Journal of Computer Science and Software Engineering (IJCSSE),
43.	<b>Dr. Kritika Padalia</b>	Present Scenario of Agriculture and its allied occupation in a typical hill village of central Himalaya, India	Indian Journal of Agricultural Sciences	2017	0019-5022 (Print)	05	ICAR
44.	<b>Dr. Meenakshi Rana</b>	Perturbation of hydrogen bonding in hydrated pyrrole-2-carboxaldehyde complexes	Journal of molecular modeling	2017	0948-5023 (Electronic) 1610-2940 (Print)	05	Springer Berlin Heidelberg
45.	<b>Dr. Ashutosh Bhatt</b>	Water Quality Modelling of the River Ganga using ANN with reference to the various training function	Environment Conservation Journal	2017	ISSN 0972-3099(Print) 3378-5124	8	Web of Science/SCIE
46.	<b>Dr Ashutosh Bhatt</b>	Sudden Cardiac Arrest Prediction Using Predictive Analytics	International Journal of Intelligent Engineering and Systems (Scopus	2017	2185310X	8	Intelligent Networks and Systems Society



			indexed) published by Intelligent Networks and Systems Society				
47.	<b>Prof. Durgesh Pant</b>	Perception of local people towards blazing mountain due to forest fire in changing climatic scenario of Uttarakhand Himalaya: a need for scientific intervention for sensitization and conservation and livelihood sustainability of region.	Indian Forester	2017	0019-4816	10	Indian Forester
48.	<b>Prof. Durgesh Pant</b>	Forest Fire Burnt Assessment Using Different Indices for Tehri District of Uttarakhand State India-A Geospatial Approach for Forest Fire Management	Indian Forester	2017	0019-4816	10	Indian Forester
49.	<b>Prof. Durgesh Pant</b>	Development of Knowledge Mining Techniques For Spatial Decision Support System	International Journal of Computer Engineering & Technology 8 (6)	2017	Print: 0976-6367 Online: 0976-6375	10	International Journal of Computer Engineering & Technology 8 (6)
50.	<b>Prof. Durgesh Pant</b>	Implementing Seam Carving in Digital Image: The Fractal Way	International Journal of Applied Engineering Research 12 (8), 1671-1674	2017	0973-4562	10	International Journal of Applied Engineering Research 12 (8), 1671-1674
51.	<b>Prof. Durgesh Pant</b>	Geospatial landslide hazard zonation for district pauri garhwal, Uttarakhand, India, Using quantitative methods	International Journal of Health System and Disaster	2017		10	Medknow Publications

			Management 5 (3), 57				
52.	<b>Prof. Durgesh Pant</b>	Land suitability modelling for enhancing fishery resource development in Central Himalayas (India) using GIS and multi-criteria evaluation approach	Aquacultural Engineering	2018	0144-8609	10	Elsevier
53.	<b>Dr. Kritika Padalia,</b>	Microbial biomass carbon and nitrogen in relation to cropping systems in Central Himalaya India	Current Science	2018	0011-3891	5	Indian Academy of Sciences
54.	<b>Dr. Kritika Padalia</b>	Effect of Vegetation type and season on microbial biomass carbon in Central Himalayan Forest Soils, India	CATENA	2018	0341-8162	5	Elsevier
55.	<b>Dr Kamlesh Bihst</b>	Intuitionistic Fuzzy Set-based Computational method for Financial Time-Series Forecasting	Fuzzy Information and Engineering	2018	1616-8658	4	Taylor & Francis
56.	<b>Dr. Kamlesh Bisht</b>	Dual hesitant fuzzy set based intuitionistic fuzzy time series forecasting	Ambient Communications and Computer Systems	2018	978-981-10-7386-1	4	Springer
57.	<b>Dr. Ashutosh Bhatt</b>	SSTL IO Based WLAN Channel Specific Energy Efficient RAM Design for Internet of Thing	IEEE-Advancement in Engineering and Computer Science organized by Advances in Science Technology and Engineering Systems Journal	2018	ISSN:2415-6698	8	IEEE ASTES Publishers

58.	<b>Dr Ashutosh Bhatt</b>	Encounters in handling ICT especially Telemedicine centers in isolated tribal hilly areas of Uttarakhand	IEEE-Advancement in Engineering and Computer Science organized by Advances in Science Technology and Engineering Systems Journal	2018	ISSN:2415-6698	8	IEEE ASTES Publishers
59.	<b>Dr Ashutosh Bhatt</b>	A Patient-Centric Healthcare Model Based on Health Recommender Systems	Springer-Advances in Intelligent Systems and Computing	2018	ISSN : 21945357	8	Springer
60.	<b>Dr Ashutosh Bhatt</b>	Assessment of Apple quality based on Scaled Conjugate Gradient Technique using Artificial Neural Network Model	International Journal of Computer Sciences and Engineering	2018	ISSN:2347-2693	8	ISROSET
61.	<b>Dr Ashutosh Bhatt</b>	Classification of Hyperspectral Imagery Using Random Forest	Communications in Computer and Information Science series Springer Nature Scientific Publishing Services	2018	ISSN:978-981-10-8656-4	8	Springer
62.	<b>Dr. Ashutosh Bhatt</b>	Physical Parameters Extraction of Fruit Mango using Image Processing in MATLAB	International Journal of Engineering Research & Application (IJERA)	2018	ISSN: 2248-9622	8	IJERA Publication
63.	<b>Dr. Ashutosh Bhatt</b>	Data Mining Approach to Predict and Analyze the Cardiovascular Disease	SPRINGER Advances in Intelligent Systems and Computing	2018	ISSN: 21945357	8	Springer

64.	<b>Prof. Durgesh Pant</b>	Spatiotemporal Change Study for High Altitudes of Pithoragarh District Uttarakhand as an Indicator of Climate Change	Journal of Remote Sensing & GIS	2018	DOI: 10.4172/2469-4134.1000234 ISSN: 2469-413	10	Journal of Remote Sensing & GIS
65.	<b>Prof. Durgesh Pant</b>	Data Encryption using SCT and access control using TRBAC in Cloud Computing for Big Data	International Journal of Advanced Networking and Applications	2019	Volume: 10 Issue: 06 Pages: 4094-4098; ISSN: 0975-0290	10	Eswar
66.	<b>Dr. Kamlesh Bisht</b>	Hesitant Fuzzy Set based Computational Method for Financial Time Series Forecasting	Granular Computing	2019	2364-4974 (Online) 2364-4966 (Print)	4	Springer International Publishing
67.	<b>Dr Meenakshi Rana</b>	L-glutathione capped CdSeS/ZnS quantum dot sensor for the detection of environmentally hazardous metal ions	Journal of Luminescence	2019	0022-2313	05	Elsevier
68.	<b>Dr. Kritika Padalia</b>	Effects of tree fostering on soil health and microbial biomass under different lans use systems in the central Himalayas	Land Degradation & Development	2019	1085-3278 (Print) 1099-145X (Online)	05	John Wiley and Sons Ltd.
69.	<b>Dr. Ashutosh Bhatt</b>	The Conceptual Framework of Articulated Human Intelligence in Perspective of Industry 4.0	Indian Journal of Science and Technology	2019	ISSN:0974-6846(Print)0974-5645(Online)	8	Indian J Science and technology publication (Web of Science/SCIE)
70.	<b>Dr Ashutosh Bhatt</b>	Feature Selection towards Soil Classification in the context of Fertility classes using Machine Learning	International Journal of Innovative Technology and Exploring Engineering	2019	ISSN: 2278-3075	8	Blue Eyes Intelligence Engineering and Sciences Publication

71.	<b>Dr. Ashutosh Bhatt</b>	Impact of Physico-Chemical Properties for Soils Type Classification of OAK using different Machine Learning Techniques	International Journal of Computer Applications	2019	ISSN-09528091	8	Inderscience Enterprises Ltd.
72.	<b>Dr. Ashutosh Bhatt</b>	Artificial Neural Network Based Water Quality Forecasting Model for Ganga River	International Journal of Engineering and Advanced Technology(IJEAT)	2019	ISSN:2249-8958	8	Elsevier
73.	<b>Dr. Ashutosh Bhatt</b>	Feature Selection towards Soil Classification in the context of Fertility classes using Machine Learning	International Journal of Innovative Technology and Exploring Engineering	2019	ISSN: 2278-3075	8	Blue Eyes Intelligence Engineering and Sciences Publication
74.	<b>Dr. Ashutosh Bhatt</b>	Performance Analysis of Support Vector Machine in Defective and Non Defective Mangoes Classification	International Journal of Engineering & Advanced Technology	2019	ISSN: 2249-8958	8	Blue Eyes Intelligence Engineering & Sciences Publication
75.	<b>Dr. Ashutosh Bhatt</b>	Ant Colony Optimization based Routing for throughput Enhancement in Cognitive Radio Network	Elsevier Social Science Research Network (ISN)	2019	: 1556-5068	8	Elsevier
76.	<b>Dr. Ashutosh Bhatt</b>	Proposed Model/Framework to avoid Sudden cardiac Arrest and Sudden Cardiac Death at early stage	Springer-Advances in Intelligent Systems and Computing	2019	21945357 (Online) 21945365 (Print)	8	Springer
77.	<b>Dr. Meenakshi Rana</b>	Glutathione capped core/shell CdSeS/ZnS quantum dots as a medical	Inorganic Chemistry Communications	2020	1387-7003	05	Elsevier

		imaging tool for cancer cells					
78.	<b>Dr. Ashutosh Bhatt</b>	Hybrid Approach of Image Segmentation in classification of fruit mango using BPNN and discriminate analyzer	Multimedia Tools and Application	2020	1380-7501 Online 1573-7721 print	8	Springer(Web of Science/SCIE)
79.	<b>Dr Ashutosh Bhatt</b>	Enhancing Multi-Tenancy Security in the cloud computing using Hybrid ECC based data encryption approach	IET Communications	2020	1751-8628 (Online) 1751-8636 (Print)	8	SCIE(Web of Science/SCIE)
80.	<b>Dr. Ashutosh Bhatt</b>	Automatic Grading of Mangoes based on surface defect detection using a combined approach of Image Segmentation	Environment Conservation Journal	2020	0972-3099 (Print) 2278-5124 (Online)	8	Web of Science/SCIE
81.	<b>Dr. Ashutosh Bhatt</b>	Soil Quality Prediction for Determining Soil Fertility in Bhimtal Block of Uttarakhand using Machine Learning	International Journal of Analysis and Application	2020	2291-8639	8	ETAMATHS PUNLICATIONS
82.	<b>Dr. Ashutosh Bhatt</b>	Rule Descriptions for Soil Quality and Soil Fertility Assessment using Fuzzy Control System	International Journal of Recent Technology and Engineering (IJRTE)	2020	2277-3878	8	Blue Eyes Intelligence Engineering and Sciences Publication
83.	<b>Dr. Ashutosh Bhatt</b>	Non-destructive classification of fruit mango based on extracted color-geometric features and used sample size in training phase of machine learning	Journal of Xidian University	2020	1001-2400	8	Science Press
84.	<b>Dr. Ashutosh Bhatt</b>	A Supervised Approach to Assess Classification Techniques for HSI",	Journal of Critical Reviews	2020	2394-5125	8	Advanced Scientific Research

		published in Journal of Critical Reviews					
85.	<b>Dr. Ashutosh Bhatt</b>	Identifying and Analyzing Coronary Artery Calcium Score Metric to Predict Early Cardiovascular Health Issues	International Journal of Advanced Science and Technology	2020	2207-6360	8	Science and Engineering Research Support Society
86.	<b>Dr. Ashutosh Bhatt</b>	Soil Quality Analysis and Fertility Assessment to Improve the Prediction Accuracy using Machine Learning Approach	International Journal of Advanced Science and Technology	2020	2005-4238	8	Science and Engineering Research Support Society
87.	<b>Prof. Durgesh Bhatt</b>	Soil Quality Prediction for Determining Soil Fertility in Bhimtal Block of Uttarakhand (India) Using Machine Learning	International Journal of Analysis and Applications 19 (1), 91-109	2020	2291-8639	10	International Journal of Analysis and Applications 19 (1), 91-109