

1. Details of the Teacher/ Academic:

Name:	Dr. Divakar Yadav
Date of Birth	02 march 1976
Date of Joining in IGNOU:	27 Sept 2022
Current Designation :	Professor
Pay Scale as on date :	Pay Level 14
Highest Educational Qualifications & Discipline :	PhD, Computer Science & Engineering

2. Honour/Award/Fellowship/membership of a Professional body/ Statutory body (internal/ external) received by the Teacher/ Academic:

Name of the recipient	Honour /Award/ Fellowship name/ membership of Professional body/ Statutory body	Agency name /Name of statutory body/ institution/ Apex body	Period
Dr. Divakar Yadav	University Four Alliance (A4U) PDF Fellowship	Spain Government	2011-2012
Dr. Divakar Yadav	Senior Member, IEEE (Membership Number: 93246072).	IEEE	2017 onwards
Dr. Divakar Yadav	Professional Member ACM (ACM Member No.: 5674094)	Association for Computing Machinery	2021-2026
Dr. Divakar Yadav	Shikshak Samman	Rastriya Shaikshik Mahasangh, Lucknow Uttar Pradesh	Sept-2016

3. Books/Book Chapter: 63

- Co-author/co-editor if any, title, place of publication, publisher, Year, page (no)s, ISBN No

S. No.	Name of Author1/ Editor 1, & Co-author (s) / Co-editor (s) (if any)	Title of chapter/book	Place of publication	Publisher	Year	Total Pages	ISBN No.
1.	Divakar Yadav, Abhay Bansal, Madhulika Bhatia, Madhurima Hooda, Jorge Morato	Diagnostic Applications of Health Intelligence and Surveillance Systems	USA	IGI Global	2021	332	9781799865278

2.	Mukta Goyal; Rajalakshmi Krishnamurthi; Divakar Yadav	E-learning Methodologies: Fundamentals, Technologies and Applications	UK	IET	2021	352	978183953120 0
3.	Divakar Yadav, Brijesh Kumar, AN. Tiwari	5th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON)	USA	IEEE	2018	1264	978-1-5386- 5002-8
4.	Sonam Gupta, Arun Kumar Yadav, Divakar Yadav, Utkarsh Dixit	Predicting the legal judgments from legal documents: a survey		Edward Elgar Publishin g	2025	26	978103531813 1
5.	Saumya Yadav, Rakesh Chandra Joshi, and Divakar Yadav	Trustworthy Machine Learning for Cloud-Based Internet of Things (IoT)	Denm ark	Springer Cham	2022	14	978-3-030- 86748-5
6.	Arti Jain, Archana Purwar and Divakar Yadav	Credit Card Fraud Detection Using K-Means and Fuzzy C-Means	USA	IGI Global	2021	25	978179986870 5
7.	Mukta Goyal; Rajalakshmi Krishnamurthi, Divakar Yadav	Introduction of E- learning Methodologies: Fundamentals, technologies and applications	UK	IET	2021	23	978183953120 0
8.	Mukta Goyal, Divakar Yadav, Mehak Sood	Student Performance Prediction for Adaptive E- learning Systems	UK	IET	2021	25	978183953120 0
9.	Jain A., Tayal D.K., Yadav Divakar, Arora A.	Research Trends for Named Entity Recognition in Hindi Language	Denm ark	Springer Cham	2020	28	978-3-030- 25796-5
10.	Tripti Tripathi and Divakar Yadav	Performance evaluation of methods for mining frequent itemsets on temporal data	Denm ark	Springer , Cham	2020	8	978-3-030- 37050-3
11.	Nigam N., Yadav D.	Lexicon-Based Approach to Sentiment Analysis of Tweets Using R Language	Singa pore	Springer ,	2018	11	978-981-13- 1809-2.20-21
12.	Yadav A.K., Yadav D., Rai D.	Efficient Methods to Generate	New Delhi	Springer	2016	10	978-81-322- 2756-4

		Inverted Indexes for IR					
13.	Vimal Kumar K., Yadav D.	An Improved Extractive Approach to Hindi Text Summarization	New Delhi	Springer	2015	10	978-81-322-2249-1
14.	Vimal Kumar K., Yadav D.	Graph Based Technique for Hindi Text Summarization	New Delhi	Springer	2015	10	978-81-322-2249-1
15.	Yadav, D., Singh, A. and Jain, V.	Search Results Optimization	Germany	Springer	2011	10	978-3-642-22605-2
16.	Yadav D., Dani D., Kumari P.	De-duplication in File Sharing Network	Germany	Springer	2011	04	978-3-642-22605-2
17.	Goyal M., Choubey A., Yadav D.	Cognitive Models and Its Current Challenges	Germany	Springer	2011	04	978-3-642-19422-1
18.	Kumar, D., Yadav, D.S., Yadav, D.	Wavelet Tree Approach for Searching and Indexing in Geographical Information Retrieval	USA	IEEE	2025	4	979-833151857-8
19.	Laxmi Yadav, Girish Chandra and Divakar Yadav	Performance Evaluation of Deep Learning Models using Transfer Learning on Ultrasound Images for Breast Cancer Detection			2025		
20.	Dixit, U., Gupta, S., Yadav, A.K., Yadav, D.	Analyzing the Impact of Extractive Summarization Techniques on Legal Text	Singapore	Springer	2024	18	978-981-99-6543-4
21.	Dixit, U., Gupta, S., Yadav, A.K., Yadav, D.	Enhancing Legal Document Understanding Through Text Summarization: A Study on NLP and Wavelet Tree Techniques	Germany	Springer	2024	12	978-981973593-8 2024
22.	Sonam Gupta, Arun Kumar Yadav, Divakar Yadav, Bharti Shukla	Challenges and Issues in Legal Documents Classification	USA	AIP Publishing	2022	10	2754, 020001
23.	U. Dixit, S. Gupta, A. K. Yadav and D. Yadav	Recent Advances in DL-based Text Summarization: A	USA	IEEE	2023	06	979-8-3503-9927-1

		Systematic Review					
24.	Manoj Kumar, Arun Kumar Yadav, Mohit Kumar, and Divakar Yadav	Bird Species Classification from Images Using Deep Learning	Germany	Springer	2022	13	978-3-031-31416-2
25.	Divakar Yadav, Arti Jain, Saumya Asati and Arun Kumar Yadav	Video Anomaly Detection for Pedestrian Surveillance	USA	IEEE	2022	10	978-981-19-7866-1
26.	Kartikey Tewari, Arun Kumar Yadav, Mohitkumar, Divakar Yadav	Extractive Text Summarization using Statistical Approach	USA	IEEE	2022	10	978-981-19-7866-1
27.	P. S. Sharma, D. Yadav and A. Dumka	Improve the Response Time with Content Mining based Web Page Ranking	USA	IEEE	2022	07	21990763
28.	Arun Kumar Yadav, Sonam Gupta, Divakar Yadav and Bharti Shukla	Optimization of Textual Index Construction using Compressed Parallel Wavelet	Singapore	Springer	2021	10	978-981-19-0603-9
29.	Arun Kumar Yadav, Arti Jain, Jorge Morato, Divakar Yadav	Retinal Blood Vessel Segmentation Using Convolutional Neural Networks	Portugal	Science and Technology Publications	2021	07	978-989-758-533-3
30.	Gupta S., Katiyar N., Yadav A.K., Yadav D.	Index Optimization Using Wavelet Tree and Compression	Singapore	Springer,	2021	13	978-981-16-6288-1,
31.	Bharadwaj A., Yadav D., Yadav A.K.	Heart Disease Prediction Using Hybrid Classification Methods	Singapore	Springer	2021	11	978-981-16-2593-0
32.	Neha Katiyar, Sonam Gupta, Arun Kumar Yadav, Divakar Yadav	Wavelet Tree ensembles with Machine Learning and its classification	UK	IOP Publishing	2021	15	1742-6588
33.	Divakar Yadav, Aarushi, Saumya Asati, Nikhil, and Arun Kumar Yadav	Age Group Prediction on Textual Data using Sentiment Analysis	USA	ACM	2020	05	978-1-4503-8937-2

34.	P. K. Mall, P. K. Singh and D. Yadav	GLCM Based Feature Extraction and Medical X-RAY Image Classification using Machine Learning Techniques	USA	IEEE	2019	06	19533775
35.	PremKumari, NagendraPratap Singh, Divakar Yadav	Image Enhancement: A Review	Singapore	Springer	2019	09	978-981-15-1517-0
36.	Shashank Gupta and Divakar Yadav,	Lane-Finding Based on Structure Analysis of Lane and Computer Vision	USA	IEEE	2019	07	19379504
37.	Kriti Dhingra; Anchal Garg; Divakar Yadav	Assistive Technology for Preliminary Diagnosis of Learning Disability (LD) among Children	USA	IEEE	2019	06	19046499
38.	Nagendra P. Singh, Takumi Nagahama, PratimaYadav, Divakar Yadav	Feature Based Leaf Identification	USA	IEEE	2018	06	978-1-5386-5003-5
39.	Mukta Goyal, Divakar Yadav and MehakSood	Decision Making for E-learners based on Learning Style, Personality, and Knowledge Level	USA	IEEE	2018	05	978-1-5386-5003-5
40.	Divakar Yadav, Arun Yadav, Sonam Gupta, Dharmendra Kumar and Pankaj Kumar	Online Food Court Payment System using Blockchain Technology	USA	IEEE	2018	07	978-1-5386-5003-5
41.	Adarsh Kumar, Alok Aggrawal, and Divakar Yadav	"A Multi-layered Outlier detection model for resource constraint Hierarchical MANET	USA	IEEE	2018	07	978-1-5386-5003-5
42.	Arti Jain, Ashutosh Gupta, Nikhil Sharma, Shubham Joshi, Divakar Yadav	Mining Application on Analyzing Users' Interests from Twitter		Elsevier SSRN	2018	08	1556-5068
43.	Madhulika, Abay Bansal,	Marker Controlled Watershed Segmentation for	USA	IEEE	2016	05	978-988-19253-0-5

	and Divakar Yadav	Extracting Features from Neuron Components					
44.	Goyal, M., Yadav, D., and Tripathi, A.	Intuitionistic Fuzzy Approach for Adaptive Presentation in an E-learning Environment	USA	IEEE	2015	06	978-1-4673-6735-6
45.	Mukta Goyal, Divakar Yadav, and Alka Tripathi	Fuzzy approach to detect learning style using Mccarthy Model as a tool for E-learning System	USA	IEEE	2015	06	978-1-4799-7999-8
46.	Divakar Yadav, Meenal Aggrawal and Anuja arora	Performance Evaluation of LSB and LSD in Steganography	USA	IEEE	2014	06	978-1-4799-4236-7
47.	Arti Jain, DivakarYadav, and Devendra Tayal	NER for Hindi Language using Association Rules	USA	IEEE	2014	05	978-1-4799-4674-7
48.	Geetika Gautam and Divakar Yadav	Sentiment Analysis of Twitter Data Using Machine Learning Approaches and Semantic Analysis	USA	IEEE	2014	06	978-1-4799-5173-4
49.	Aman Rai, Arun Yadav, Divakar Yadav and Rajesh Prasad	A Conceptual Framework for E-learning," IEEE international conference on MOOC	USA	IEEE	2013	05	978-1-4799-1625-2
50.	Madhulika; Divakar Yadav; Madhurima; Pritee Gupta; Gurpreet Kaur; Jyoti Singh; Mallika Gandhi; Ajeet Singh	Implementing Edge Detection for Medical Diagnosis of a Bone in Matlab	USA	IEEE	2013	05	978-0-7695-5069-5
51.	D. Yadav, S. Sanchez-Cuadrado, J. Morato and J. B. L. Morillo	An approach for spatial search using SOLR	UK	IET	2013	07	978-1-84919-846-2
52.	Vidushi Vidyarthi, Arun Yadav, and Divakar Yadav	New methodology In GIR Systems: Improving Web Document Searching,	USA	IEEE	2013	05	978-1-4799-0190-6
53.	Vicente Palacios, Sonia	Ontologies Evaluation for a	USA	IEEE	2013	07	978-1-4799-0190-6

	Sanchez-Cuadrado, DivakarYadav, Jorge Morato, and Christos Dimou,	Conceptual Retrieval System of Metadata Schemes: Case Study					
54.	Venkata, DivyaRagatha and Yadav, Divakar	Image Query Based Search Engine Using Image Content Retrieval	USA	IEEE	2012	05	978-0-7695-4682-7
55.	Goyal, Mukta, Yadav, Divakar, and Choubey, Alka	,Fuzzy Logic Approach for Adaptive Test Sheet Generation in E-learning	USA	IEEE	2012	04	978-1-4577-0725-4
56.	Yadav, Divakar, Sharma, AK, and Gupta, JP,	Users Search Trends on WWW and Their Analysis	USA	ACM	2010	08	978-1-4503-0408-5
57.	Yadav, Divakar and A.K. Sharma	Tertiary buddy Systems for Efficient Dynamic Memory Allocation	USA	ACM	2010	06	978-960-474-156-4
58.	Yadav, Divakar, Sharma, A.K., and Gupta, J.P.	Web Page Change design	India	Narosa publication	2009	10	978-81-8487-013-8
59.	Yadav, Divakar, Sharma, A.K., and Gupta, J.P	Topical Web Crawling Using Weighted Anchor Text	India	Narosa publication	2009	08	978-81-8487-013-8
60.	Yadav, Divakar, Pansari, S., Krishnan, A. and Chaturvedi, A.K.	Memory management: tertiary buddy system			2008	04	978-960-6766-33-6
61.	Yadav, Divakar, Sharma, A.K., and Gupta, J.P.	Change Detection in Web pages	USA	IEEE	2007	06	0-7695-3068-0
62.	Yadav, Divakar, Sharma, A.K., and Gupta, J.P.	Architecture for parallel crawler and algorithm for web page change detection	USA	IEEE	2007	07	0-7695-3068-0
63.	Yadav, Divakar, Sharma, A.K., and Gupta, J.P.	Optical Character Recognition for Printed Hindi Text in Devanagari Using Soft-Computing Technique	USA	ACM	2007	06	978-0-88986-629-4

4. Research Articles/Publications: 79

S. No.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
1.	Mohit Kumar, Adarsh Rana, Arun Yadav, Divakar Yadav*	Leveraging Sentiment Analysis to Detect Fake Reviews using Deep Learning	SN Computer Science, Springer Singapore	6	1-9	2025	2661-89079
2.	Arun Kumar Yadav, Tushar Gupta, Mohit Kumar	A Hybrid Model Integrating LDA, BERT, and Clustering for Enhanced Topic Modeling	Quality & Quantity, Springer Netherlands	59	2381-2408	2025	0033-5177
3.	Divya Rathod, Arun Kumar Yadav, Mohit Kumar*, Divakar Yadav	Character-Level Encoding based Neural Machine Translation for Hindi language	<i>Neural Process Letter, Springer Netherlands,</i>	57	1-21	2025	13704621,
4.	John Wang, Arti Jain, Arun Kumar Yadav, Divakar Yadav	Analyzing the Complexity of US Federal Debt: A Mathematical Approach	International Journal of Business Analytics (IJBAN), IGI Global Scientific Publishing USA	11(1)	1-22	2024	2334-4547
5.	Arun Kumar Yadav, Abhishek Kumar, Mohit Kumar, Divakar Yadav*	Semantic Proximity Assessment in Bhojpuri and Maithili: A Word Embedding Perspective	Social Network Analysis and Mining, Springer-Verlag Wien Austria	14	1-12	2024	1869-5469,
6.	Ashish Dhiman, Arun Kumar Yadav, Mohit Kumar, Divakar Yadav*, Akash Verma	Sentiment classification in Hindi text using hybrid deep learning method	International Journal of Information Technology, Springer Singapore	2024	https://doi.org/10.1007/s41870-024-01995-8	2024	2511-2104
7.	Archit Dhiman, Mohit Kumar*, Arun Kumar Yadav, Divakar Yadav	Pothole Detection and Localization from Images using Deep Learning	International Journal of Information and Decision Sciences, InderScience Switzerland,	In press	10.1504/IJIDS.2025.10059513	2024	1756-7017
8.	Divakar Yadav, Kritarth Kapoor, Arun Kumar Yadav, Mohit Kumar, Arti Jain, Jorge Morato Lara	Satellite Image Classification Using Convolutional Neural Networks,	Earth Science Informatics, Springer Germany	17	2495 – 2508	2024	0255-660X

9.	Sanjeewani, Arun Kr Yadav, Mohd. Akbar, Mohit Kumar, Divakar Yadav*	Retinal blood vessel segmentation using a deep learning method based on modified U-NET model	Multimedia Tools with Application, Springer USA	83	8265 9–8267 8,	2024	138075 01,
10.	G Khartheesvar, Mohit Kumar, Arun Kr Yadav, Divakar Yadav*	Automatic Indian Sign Language Recognition using MediaPipe Holistic and LSTM Network	Multimedia Tools with Application	83(20)	5832 9 – 5834 8	2024	138075 01
11.	Arun Kumar Yadav, Suraj Kumar, Dipesh Kumar, Lalit Kumar, Kapil Kumar, Sandeep Kumar Maurya, Mohit Kumar & Divakar Yadav*	Fake News Detection Using Hybrid Deep Learning Method.	SN COMPUTER SCIENCE, Springer Singapore	4	1-15	2023	2661-8907
12.	Dharmendra Kumar, Divakar Yadav*, Diwakar Singh Yadav	Spatial indexing and searching using Parallel Wavelet Tree	International Journal of Information Technology, Springer Singapore	15	3583 – 3591	2023	2511-2104
13.	Sonam Gupta, Bhanu Verma, Pradeep Gupta, Lipika Goe, Arun Kumar Yadav, Divakar Yadav*	Identification of Fake News Using Deep Neural Network-Based Hybrid Model	SN Computer Science, Springer Singapore,	4	1-13	2023	2661-8907
14.	Anuja Arora, Arti Jain, Divakar Yadav, Vikas Hassija, Vinya Chamola, Biplab Sikdar	Next Generation of Multi-Agent Driven Smart City Applications and Research Paradigms	IEEE Open Journal of the Communications Society, IEEE USA	4	2104-2121	2023	264412 5X
15.	Shashank Srivastav, P.K. Singh and Divakar Yadav	A novel approach to solve exact matching problem	International Journal of System Assurance Engineering and Management	14	1457-1466	2023	0975-6809
16.	Akash Verma, Arun Kumar Yadav, Mohit Kumar, Divakar Yadav*	Automatic Image Caption Generation Using Deep Learning	Multimedia Tools and Application, Springer USA	83	5309-5325	2023	138075 01
17.	Arun Kumar Yadav, Surabhi Bhatia, Mohit Kumar, Abhishek Kumar, Shivani,	Hate Speech Recognition in multilingual text: Hinglish Documents	International Journal of Information Technology, Springer Singapore	15	1319-1331	2023	2511-2104

	Kusum, Divakar Yadav*						
18.	Chinmay Gupta, Mohit Kumar, Arun Kr Yadav, Divakar Yadav*	FERNET: An Integrated Hybrid DCNN Model for Driver Stress Monitoring via Facial Expressions	International Journal of Pattern Recognition and Artificial Intelligence, World Scientific Singapore	37(3)	2357-002	2023	0218-0014
19.	Prem Sagar Sharma, and Divakar Yadav	A Novel Architecture for Search Engine using Domain based Web Log Data	International Arab Journal of Information Technology, Jordan	20(1)	92-101	2023	16833198, 23094524
20.	Divakar Yadav, Rishabh Katna, Arun Kumar Yadav, Jorge Morato Lara,	Feature Based Automatic Text Summarization Methods: A Comprehensive State-of-the-Art Survey	IEEE Access USA	10	133981-134003	2022	2169-3536
21.	Shobhit Tyagi, Divakar Yadav,	ForensicNet: Modern CNN-based Image Forgery Detection Network	Journal of Forensic Sciences (JFS), Wiley-Blackwell UDA	68(2)	461-469	2023	0022-1198
22.	Dhingra, Kriti; Aggarwal, Rekha; Garg, Anchal; Pujari, Jayanti; Yadav, Divakar	Mathlete: An adaptive assistive technology tool for children with Dyscalculia	Disability and Rehabilitation: Assistive Technology	<u>19</u>	9-15	2022	1748-3107
23.	Arun Kumar Yadav, Divakar Yadav, Akhilesh Verma, Mohd. Akbar and Kartikey Tiwari	Scalable Thread based Inverted Index Construction using Wavelet Tree	Multimedia Tools and Applications, Springer	82	14037-14053	2022	13807501
24.	Divakar Yadav, Aarushi, Arti Jain, Arun Kumar Yadav	Plant Leaf Disease Detection Using CNN with Transfer Learning and XgBoost,	International Journal of Data Analysis Techniques and Strategies	14(3)	244-265	2022	1755-8050
25.	Prem Sagar Sharma, and Divakar Yadav	A Novel Architecture for Search Engine using Domain based Web Log Data	International Arab Journal of Information Technology,	20(1)	92-101	2022	16833198, 23094524,
26.	Arti Jain, Anuja Arora, Jorge Luis Morato Lara, Divakar	Automatic Text Summarization for Hindi Using Real Coded	Applied Sciences, (SCIE, IF: 2.84, h-index: 75).. DOI: https://doi.org/10.	12(13)	6584	2022	2076-3417,

	Yadav and K. Vimal Kumar	Genetic Algorithm	3390/app12136584				
27.	Akhilesh Verma, Anshdha Gupta, Mohammad Akbar, Arun Kumar Yadav, Divakar Yadav	Presentation Attack Detection using Referential Quality Metrics and Minutiae Count. 10.1007/s11277-022-09921-6	Wireless Personal Communication	127	3347-3361	2022	0929-6212
28.	Shobhit Tyagi, Divakar Yadav, MiniNet	A Concise CNN for Image forgery Detection,	Evolving Systems	14	545-556	2022	1868-6478
29.	Prem Sagar Sharma, Divakar Yadav, RN Thakur, Web	Page Ranking using Web Mining Techniques: A comprehensive survey	Mobile Information Systems	2022	Article ID 7519573, 31	2022	1574-017X
30.	Sonam Gupta, Arun Kumar Yadav, Divakar Yadav, Bharti Shukla	A Scalable approach for index compression using wavelet tree and LZW	International Journal of Information Technology, Springer Singapore	14	pp. 2191 – 2204	2022	2511-2104
31.	Rishabh Katna, Kashish Kalsi, Srajika Gupta, Divakar Yadav, Arun Kr Yadav	Machine Learning based Approach for Age and Gender prediction from Tweets	Multimedia Tools and Applications	81	Pp.27799–27817	2022	13807501
32.	Arti Jain, Divakar Yadav, Devendra K. Tayal, AnujaArora	Named Entity Recognition for Hindi Language Using Context Pattern Based Maximum Entropy	Computer Science AGH	23(1)	pp. 81–116	2022	15082806
33.	Amit Singh, MayankDhiman, Vineet, RishabhKaundal, AnkitVerma, Arun Kumar Yadav, Divakar Yadav	Extractive Text Summarization using Deep Learning Approach,	International Journal of Information Technology, (Springer Singapore)	14	page s2407–2415	2022	2511-2104
34.	DivakarYadav, NamanLalit, RiyaKaushik, Yogendra Singh, Mohit, Dinesh, Arun Kr. Yadav, Kishor V. Bhadane, Adarsh Kumar,	Qualitative Analysis of Text Summarization Techniques and its Applications in Health Domain,	Computational Intelligence and Neuroscience	vol. 2022, Article ID 3411881	14 pages	2022	16875265

	and Baseem Khan						
35.	ShobhitTyagi, DivakarYadav	A Detailed Analysis of Image and Video Forgery Detection Techniques	Visual Computer, Springer	https://doi.org/10.1007/s00371-021-02347-4	-	2022	0178-2789
36.	ShashankSrivastav, PK Singh and Divakar Yadav	A Method to Improve Exact Matching Results in Compressed Text Using Parallel Wavelet Tree,	Scalable Computing: Practice and Experience	22(4)	pp. 387–400	2021	1895-1767
37.	Dhingra K., Garg A., Yadav D., Pujari J.	Impediments to effective utilization of assistive technology for learning disabled	Technology and Disability	33(4)	pp. 283 - 296	2021	1055-4181
38.	ShobhitTyagi, Divakar Yadav	A Comprehensive Survey on Image Synthesis and Editing Techniques,	Archives of Computational Methods in Engineering	29	page s268 5–2705		11343060
39.	Bharti, S., Yadav, A.K., Kumar, M. and Yadav, D.	Cyberbullying detection from tweets using deep learning",	Kybernetes	-	-	2021	0368-492X
40.	Verma, A., Gupta, V.K., Goel, S., Akbar, Yadav, A.K., Yadav, D.	Modeling fingerprint presentation attack detection through Transient Liveness Factor- A person specific approach.	Traitement du Signal	38, no. 2	pp. 299-307	2021	0765-0019
41.	Tewari, K., Shrivastava, A., Yadav, A.K. Yadav, D.	Efficient transitive operations using binary indexed trees.	International Journal of Information Technology, Springer	13	1155 – 1163	2021	2511-2104
42.	Kumar, D., Yadav, D.S. and Yadav, D.	A comprehensive analysis of wavelet tree-based indexing schemes in GIR systems.	International Journal of Information Technology, Springer	13	pp. 2227 – 2236	2021	2511-2104,
43.	Arti Jain, Anuja Arora, Divakar Yadav, Jorge	Text Summarization Technique for	International Arab Journal of	18(6)	pp. 807-818	2021	1683-3198,

	Morato, Amanpreet Kaur,	Punjabi Language Using Neural Networks,	Information Technology				
44.	Gupta, A., Yadav, D.	A novel approach to perform context-based automatic spoken document retrieval of political speeches based on wavelet tree indexing.	Multimed Tools Appl	80	2220 9– 2222 9,	2021	138075 01
45.	Divakar Yadav, Arun Kumar Karn, Arti Dhiman, Sakshi Sharma, Anurag Giddalur, Muskan, and Arun Kumar Yadav	Microaneurysm Detection using Color Locus Detection Method,	Measurement Elsevier	176	1090 84	2021	0263-2241
46.	Arti Jain, Divakar Yadav, Anuja Arora	Particle Swarm Optimization for Punjabi Text Summarization	International Journal of Operations Research and Information Systems (IJORIS), IGI Global	12(3), Article 1	pp. 1-17	2021	1947-9328
47.	Yadav, D., Akanksha, Yadav, A.K.	A novel convolutional neural network-based model for recognition and classification of apple leaf diseases	Traitement du Signal	37(6)	pp. 1093-1101	2020	0765-0019
48.	Shashank Srivastav, P. K. Singh, Divakar Yadav.	An approach for fast compressed text matching and to avoid false matching using WBTC and wavelet tree	EAI Endorsed Transactions on Scalable Information Systems,	8	pp 1-8, 23	2020	2032-9407
49.	Prem Sagar Sharma, Divakar Yadav	Incremental Refinement of Page Ranking of Web Pages	International Journal of Information Retrieval Research (IJIRR), IGI Global	10(3)	pp. 57-73	2020	2155-6377
50.	Arun Yadav, Divakar Yadav, Arti Jain	An Improvised Feature-Based Method for Sentimental Analysis of Product Review	EAI Endorsed Transactions on Scalable Information Systems	8	pp. 1-8	2020	: 2032-9407,

51.	Arun Yadav, Jay Kant Pratap Singh Yadav, Divakar Yadav	Spatial Ambiguities Optimization in GIR	Endorsed Transactions on Scalable Information Systems	7	pp. 1-8	2020	2032-9407
52.	Kumar, A., Jain, S. and Yadav, D.	A novel simulation-annealing enabled ranking and scaling statistical simulation constrained optimization algorithm for Internet-of-things (IoT)	Smart and Sustainable Built Environment, Emerald Publication	9(4)	pp. 675-693	2020	2046-6099,
53.	Prem Sagar Sharma, Divakar Yadav, and Pankaj Garg	A systematic review on page ranking algorithms.	<i>International Journal of Information Technology (Singapore)</i>	12(2)	pp. 329-337	2020	2511-2104,
54.	Jay Kant Pratap Singh Yadav, Arun Yadav, DivakarYadav, VikashYadav	Optimization of Hopfield networks for storage and recall: A decade Review,	International Journal of Advanced Intelligence Paradigms, InderScience UK	21 (3/4)	pp. 321-329	2022	1755-0386
55.	Irphan Ali, Divakar Yadav, and A.K. Sharma	Question Answering System for Semantic Web: A Review	International Journal of Advanced Intelligence Paradigms, InderScience Publication UK	22 (1/2)	pp. 114-147	2022	1755-0386
56.	Irphan Ali, Divakar Yadav	Question reformulation-based question answering environment model	<i>International Journal of Information Technology (Singapore)</i>	13	59–67	2019	2511-2104
57.	Anuja Arora, Riyu Bana, Habib Shah and Divakar Yadav	Artificial Bee Colony Based Influence Maximization Approach for Social Coding Portal GitHub	International Journal of Swarm Intelligence Research (IJSIR), IGI Global	10(2), Article No. 4	pp. 34-47	2019	1947-9263
58.	Arun Yadav, Divakar Yadav	Wavelet Tree based Dual Indexing Technique for Geographical Search	International Arab Journal of Information Technology	16(6)	pp. 624-632	2019	1683-3198
59.	Irphan Ali, Divakar Yadav, and A K Sharma	SWFQA Semantic Web based	International Journal of Information	9(1), article 6	pp. 88-106	2019	2155-6377

		Framework for Question Answering,	Retrieval Research (IJRR), IGI Global				
60.	K. Vimal Kumar, Divakar Yadav	Word Sense Based Hindi-Tamil Statistical Machine Translation	International Journal of Intelligent Information Technologies, IGI publishing, USA	14(1), article No. 2,	pp. 17-27	2018	1548-3657
61.	K. Vimal Kumar and Divakar Yadav	Word Sense Based Approach for Hindi to Tamil Machine Translation Using English as Pivot Language	International Journal of Advanced Intelligence Paradigms, InderScience UK	11(3-4)	pp. 1-15	2018	1755-0386
62.	Mukta Goyal, Divakar Yadav, and Alka Tripathi	An Intuitionistic Fuzzy Approach to Classify the User Based on an Assessment of the Learner's Knowledge Level in E-Learning Decision-Making	Journal of Information Processing Systems	13(1)	pp. 57-67, 28	2017	1976-913X
63.	Madhulika, Bansal Abhay, Yadav Divakar	A proposed quantitative approach to classify brain MRI",	International Journal of Systems Assurance Engineering and Management	7	PP. 1-8	2016	0975-6809
64.	Mukta Goyal, Divakar Yadav, and Alka Tripathi	Intuitionistic Group Decision Making to Identify the Status of Student's Knowledge Acquisition in E-learning Systems	International Journal of Fuzzy System Applications (IJFSA), IGI Global	5(3)	pp. 14-29	2016	2156-177X
65.	Mukta Goyal, Divakar Yadav and Alka Tripathi	Intuitionistic fuzzy genetic weighted averaging operator and its application for multiple attribute decision making in E-learning	Indian Journal of Science and Technology	9(1)	pp. 1-15	2016	0974-6846
66.	Arun Kr Yadav, Divakar Yadav, Rajesh Prasad	Efficient Textual Web Retrieval using Wavelet Tree	International Journal of Information Retrieval Research (IJIRR), IGI Global	6(4), article 3	pp. 16-29	2016	2155-6377,

67.	Arun Yadav, Divakar Yadav	Wavelet Tree based Hybrid Geo-Textual Indexing Technique for Geographical Search	Indian Journal of Science and Technology	8(33)	pp. 1- 7	2015	0974- 6846
68.	Madhulika, BansalAbhay, YadavDivakar, Gupta Priya	A Proposed Stratification Approach for MRI images	Indian Journal of Science and Technology	8(18)	pp. 1- 10	2015	0974- 6846
69.	Madhulika Bhatia, AbhayBansal, DivakarYadav, and Priya Gupta	Proposed Algorithm to Blotch Grey Matter from Tumored and Non Tumored Brain Images	Indian journal of Science and technology	8(17)	pp. 1- 10	2015	0974- 6846
70.	Mukta Goyal, Divakar Yadav and Alka Tripathi	Aggregating evaluation using dynamic weighted intuitionistic fuzzy approach for concept sequencing in an E-learning system	International Journal of Mathematical Modelling and Numerical Optimisation, Indersciencepubli sher,Switzerland	7(1)	pp.44 – 65	2016	2040- 3607
71.	Madhulika; Bansal, Abhay; Yadav, Divakar; and Madhurima	Survey and Comparative Study on Statistical Tools for Medical Images	Advanced Science Letters, USA,	21(1)	74- 77(4)	2015	1936- 6612
72.	Sonia Sanchez- Cuadrado, Vicente. Palacios, DivakarYadav, Christos Dimou and Jorge Morato	Evaluation of Semantic Retrieval Systems on The Semantic Web	,Library Hi Tech, Emerald Group Publishing Ltd	31(4)	pp. 638- 656	2013	ISSN: 0737- 8831,
73.	Pooja Gupta, Sandeep Kr Singh, Divakar Yadav and A. K. Sharma	An Improved Approach to Rank Web Document	Journal of Information Processing System	9(2),	pp. 217- 236	2013	1976- 913X
74.	DivakarYadav, Sonia Sánchez- Cuadrado and Jorge Morato	Optical Character Recognition for Hindi Language Using a Neural- network Approach	Journal of Information Processing Systems	9(1)	pp. 117~ 140	2013	1976- 913X
75.	Divakar Yadav, AK Sharma, Sonia Sanchez-	An Approach to Design Incremental	Journal of Theoretical and Applied	43(1)	pp. 8- 29	2012	1992- 8645

	Cuadrado, Jorge Morato	Parallel WebCrawler	Information Technology				
76.	Mukta Goyal, Divakar Yadav and Alka Choubey	E-learning: Current State of Art and Future Prospects	International Journal of Computer Science Issues, Softwarefirst Ltd	9(3)	pp. 490-499	2012	1694-0814
77.	Pooja Gupta, A. K. Sharma and Divakar Yadav	A Novel Technique for Back-link Extraction and Relevance Evaluation,"	International Journal of Computer Science and Information Technology (IJCSIT), Academy and Industry Research Collaboration Center	3(3)	pp. 227-238	2011	0975-4660
78.	Divakar Yadav, A.K. Sharma and J.P. Gupta	Topical Web Crawling Using Weighted Anchor Text and Web Page Change Detection Techniques	WSEAS Transaction on Information Science and Applications, Greece	6(2)	263-275	2009	1790-0832
79.	Divakar Yadav, A.K. Sharma and J.P. Gupta	Parallel Crawler Architecture and Web Page Change Detection Techniques	WSEAS Transaction on Computers,	7(7)	pp. 929-941	2008	1109-2750

5. Policy Documents Reports/ Mimeos: NIL

S No.	Title	Institution/ Agency	Year
1.			

6. MOOCs/ eSLMs/ eModules developed: 01

S No.	Author/ Co-author (if any)	Title	Credits	Level	Host Portal: (SWAYAM/ NPTEL/ NMEICT/ ePG Pathshala/ Any Other)	Year	Weblink
1	Divakar Yadav	Introduction to Algorithm Design	02	Undergraduate	SWAYAM	2024	https://swayam.gov.in/

7. Presentation/Invited talk/Chair in National or International Seminar/Conference/ Workshops (Please do not mention if it is only participation without presentation)

SNo .	Author/ Co author (if any)	Title of presentation, /Talk/Lecture	Name Organizing institute	Conference	City	Date and Year
1.	Sonam Gupta, Arun Kr Yadav & Divakar Yadav	Analysis of Automatic Text Classification of Legal Documents	Manchester Metropolitan University, Manchester, United Kingdom & UNIVERSAL INOVATORS	International Conference on Computing and Communication Networks (ICCCN-2022)	Manchester, UK	19th - 20th November 2022
2.	Sonam Gupta, Arun Kumar Yadav, Divakar Yadav, Bharti Shukla	Text Summarization of Legal Documents using Reinforcement Learning: A Study	College of Engineering and Technology, Tirunelveli, India	9th International Conference on Intelligent Sustainable Systems (ICISS 2022)	Tirunelveli, India	17-18 Feb 2022
3.	Arun Kumar Yadav, Sonam Gupta, Divakar Yadav and Bharti Shukla	Optimization of Textual Index Construction using Compressed Parallel Wavelet	Manchester Metropolitan University, Manchester United Kingdom	International Conference on Computing and Communication Networks (ICCCN-2021)	Manchester United Kingdom	19-20 Nov 2021
4.	Gupta S., Katiyar N., Yadav A.K., Yadav D	Index Optimization using Wavelet tree and Compression	Jan Wyzykowski University Poland, PIET, India and IIS India	in 2 nd International Conference on Data Analytics and Management (ICDAM-2021)	Haryana	26 June 2021
5.	Neha Katiyar, Sonam Gupta, Arun Kumar Yadav, Divakar Yadav	Wavelet Tree ensembles with Machine Learning and Its classification	Seeyas Institute of Engineering and Technology,	3 rd International Conference on Smart and Intelligent Learning for Information Optimization	Hyderabad	9-10 July 2021
6.	Seema Singh, Divakar Yadav	Sentiment Analysis for Social Network: A Review	BIT Gorakhpur	International Conference on Recent Innovations in Science and Engineering	Gorakhpur	1-2 April 2018
7.	Arun Kr Yadav, Divakar Yadav	Customization and Implementation of KOHA in Academic Institutions	Bennet University	IEEE 5 th International Symposium on Emerging Trends and Technologies in Libraries and Information Services (ETTLIS-2018)	Greater Noida	Feb 21-23, 2018

8.	Dharmendra Kumar, DivakarYadav, Arun Kumar Yadav, Sonam Gupta	Geographical Health Analysis using Wavelet Tree	NIET Gr Noida	International Conference on Advances in Computational Techniques and Research Practice	Gr Noida	3-4 Feb 2017
9.	Arun Kr Yadav, Divakar Yadav	Optimizing Spatial Ambiguities in Geographic Information Retrieval	KNIT Sultanpur (UP)	international conference on Advanced Computing and Software Engineering,	Sultanpur	14-15 Octobe r, 2016,
10.	Manvee Chauhan, DivakarYadav	Sentimental Analysis of Product Based Reviews Using Machine Learning Approaches	B.S. Anangpuria Institute of Technology and Management,	International Conference on Recent Trends in Compute and Information Technology,	Faridabad	25-26 Sept 2015
11.	Mukta Goyal, Divakar Yadav, and Alka Tripathi	Fuzzy approach to detect learning style using McCarthy Model as a tool for E- learning System" 2015)	JIIT Noida	Fourth International Symposium on Emerging Trends and Technologies in Library and Information Services (ETTLIS	Noida	6-8 Jan 2015
12.	D. Yadav, S. Sanchez- Cuadrado, J. Morato and J. B. L. Morillo	An Approach for Spatial Search Using SOLR	Amity University, Noida	4th International Conference CONFLUENCE 2013, the Next Generation Information Technology Summit	Noida	26th - 27th Sept. 2013
13.	Yadav, Divakar, Sharma, AK, and Gupta, JP	Users Search Trends on WWW and Their Analysis"	IIIT Allahabad	First International Conference on Intelligent Interactive Technologies and Multimedia	Allahabad	28-30 Dec 2010
14.	Yadav, Divakar and A.K. Sharma	Tertiary buddy Systems for Efficient Dynamic Memory Allocation	Cambridge University, UK	9th WSEAS International Conference on S/W Engg, Parallel and Distributed Systems",	Cambridge , UK	20-22 Feb 2010
15.	Yadav, Divakar, Sharma, A.K., and Gupta, J.P.	Web Page Change design	Rajalakshmi Engineering College Chennai	International Conference on Web Intelligence Systems (ICWIS09)	Chennai	8-10 Jan 2009
16.	Yadav, Divakar, Sharma, A.K., and Gupta, J.P.	Topical Web Crawling Using Weighted Anchor Text	Rajalakshmi Engineering College Chennai	International Conference on Web Intelligence Systems (ICWIS09)	Chennai	8-10 Jan 2009

17.	Yadav, Divakar, Sharma, A.K., and Gupta, J.P.	Change Detection in Web pages	NIT Rourkela	10th IEEE International Conference on IT	Rourkela, India	17-20, Dec 2007
18.	Yadav, Divakar, Sharma, A.K., and Gupta, J.P.	Architecture for parallel crawler and algorithm for web page change detection	NIT Rourkela	10th IEEE International Conference on IT	Rourkela, India	17-20, Dec 2007
19.	Yadav, Divakar, Sharma, A.K., and Gupta, J.P.	Optical Character Recognition for Printed Hindi Text in Devanagari Using Soft-Computing Technique	IASTED	IASTED International Conference on Artificial Intelligence & Application (AI2007)",	Innsbruck, Austria	12-14 Feb 2007
20.	None	OCR for Printed Hindi Text in Devanagari Script Using Neural Network	IFTM Moradabad	First Northern Region Conference (FNRC-06) on Advances in Engineering & Tech	Moradabad	19-20 Aug, 2006
21.	None	Use of AI Tools in academic writing: Referencing, Spelling corrections and Plagiarism detection	Sirifort Institute of Management Studies, New Delhi	Online Faculty Development Programme on <i>Developing Professional Skills by Leveraging AI Capabilities</i>	New Delhi	17 July 2025
22.	None	Artificial neural Network: Introductions, Methods and Applications	School of Computer Science and Engineering, Shri Mata Vaishanav Devi University, Jammu	Skill Development Programme on Applications of Soft Computing and Applications	Jammu	3-7 Feb 2025
23.	None	Machine Learning: introduction and Methods	National Institute of Technology, Hamirpur (HP)	STC on Machine Learning and its Application in Information Security, Computer Vision and NLP (MaLICoN-2025)	Hamirpur (HP)	20-24 Jan 2025
24.	None	Legal Information Retrieval	National Forensic Science University, Delhi Campus, New Delhi	International Seminar on Emerging Technologies, Law and Governance	New Delhi	20-21 June 2024

25.	None	Mathematics behind Decision Tree	NIT Hamirpur (HP)	5 th International Conference on Machine Learning, Image Processing, Network Security and Data Science (MIND-2023)	Hamirpur (HP)	22-23 Dec 2023
26.	None	Machine Learning Application in Cyberbullying	Arya College of Engineering & IT Jaipur Rajasthan	4th International Conference on Recent Trends in Communication & Intelligent Systems (ICRTCIS 2023)	Jaipur Rajasthan	28-29 April 2023
27.	None	Machine Learning Algorithms like Linear Regression, Polynomial Regression, Naive bayes classification, SVM etc.	IPEC Ghaziabad	Two Weeks ATAL FDP on "Machine learning & Data Science Applications	Ghaziabad	11 Nov 2022
28.	None	Machine Learning Application in Cyberbullying	Desh Bhagat University, Punjab (India).	National Conference on Advanced Research in Engineering, Science and Technology (NCAREST-2022)	Punjab	25 Feb 2022
29.	None	Machine Learning Approaches for Classification problems	Aryans College of Engineering Chandigarh	AICTE-ISTE Sponsored Online Faculty Development Program on Quantum Computing: Next Era of Computing Technology	Chandigarh	20th Feb 2022
30.	None	Machine Learning algorithms for Classification Task	IPEC Ghaziabad	one week On-Line Faculty Development Programme on Recent Trends in Cyber Security and Machine Intelligence (CSMI-2022)	Ghaziabad	3 rd Feb 2022
31.	None	Informal Introduction on Supervised Learning	IIT Mandi	HUB & HCI Foundation	Mandi	19 January 2022
32.	None	Machine Learning Applications Using Python Programming	Madan Mohan Malaviya PG College Deoria (UP).	National Webinar on Computational Simulation: A Powerful Tool for Advance Scientific Research (CSPTASR-2020)	Deoria (UP).	17 Oct 2020
33.	None	Artificial Neural Network	Central University of Jharkhand, Ranchi	One Week Workshop on the Internet of Things (IoT)	Ranchi	17 Sept 2020

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34.	None	Classification Methods for Machine Learning using Python	AKGEC, Ghaziabad	5 Days Faculty Development Programme on Machine Learning and Its Applications Using Python	Ghaziabad	30 June 2020
35.	None	Classification Techniques in Machine Learning	JUIT Wagnaghat Solan (HP)	during FDP on Transferring Education with Industry 4.0	Solan (HP)	20 June 2020
36.	None	Machine Learning Techniques	Department of Information Technology at Rajkiya Engineering College, Azamgarh, Uttar Pradesh, India	two days Faculty Development Programme	Azamgarh, Uttar Pradesh	20 April 2020
37.	None	Unsupervised Learning in Artificial Neural Networks (ANN) and Clustering Techniques in Machine Learning	NIT Hamirpur (HP)	FDP on Research Trends in AI and Mobile Systems	Hamirpur (HP)	16-21 Dec 2019
38.	None	Machine Learning and Its Applications	ECE Department, NIT Hamirpur (HP)	5 days FDP	Hamirpur (HP),	Aug 2019
39.	None	Artificial Neural Network	AKGEC Ghaziabad	Faculty Development Programme	Ghaziabad	8-9 July 2019
40.	None	Machine Learning Techniques	UP Council of Science & Technology, Lucknow	one-day seminar on Current Trends & Emerging Opportunities in Artificial Intelligence, Cyber Security & Social Media	Lucknow	19 Jan 2019.
41.	None	Document Ranking in Information Retrieval	JK Institute of Applied Physics and Technology, University of Allahabad	International Conference on Emerging Trends in Communication, Computing and Electronics (IC3E-2018)	Allahabad	April 15, 2018
42.	None	Machine Learning for Big Data	Madan Mohan Malaviya University of Technology, Gorakhpur	Short Term Course on "Advances in Computing Technology (ACT-2018)	Gorakhpur	12-18 March 2018
43.	None	Information Retrieval	Madan Mohan Malaviya University of	Short-Term Course on "Advances in Computing	Gorakhpur	March 01, 2017

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		(Basics and Challenges)	Technology, Gorakhpur	Technology" (ACT-2017)		
44.	None	Information retrieval	Jaypee Institute of Information Technology, Sector-128 Noida.	Faculty development program on "Intelligent Systems and Automation Technology	Noida	June 20-25, 2016
45.	None	Information retrieval: basics, challenges and tool	Krishna Engineering College Ghaziabad	during AICTE sponsored FDP on "Software Testing, Database testing and Reliability	Ghaziabad	3-12 March, 2014
46.	None	Parallel WebCrawler	Sharda University, Greater Noida, India	National Workshop on Emerging Trends in CS & IT,	Greater Noida,	19-20 March 2010
47.	None	Session chair	Jawaharlal Nehru University, New Delhi, India	3rd International Conference on Networks and Cryptology	New Delhi, India	29-31 May 2025
48.	None	Session chair	NIT Hamirpur (HP)	2nd International Conference on Artificial Intelligence, Machine Learning & Intelligent Systems	Hamirpur (HP)	7-8 Feb 2025
49.	None	Session chair	MNNIT Allahabad (UP)	2024 IEEE Students Conference on Engineering and Systems (SCES-2024),	Allahabad (UP)	June 21-23, 2024
50.	None	Session chair	NIT Hamirpur (HP)	5th International Conference on Machine learning, Image Processing, Network Security and Data Sciences,	Hamirpur (HP)	21-22 Dec 2023
51.	None	Session chair	Amity University Noida	13th International Conference on Cloud Computing, Data Science & Engineering (CONFLUENCE 2023),	Noida	19-20 Jan 2023
52.	None	Session chair	Department of Computer Science, Institute of Science, BHU	International Conference on Advanced Network Technologies and Intelligent Computing (ANTIC-2021),	Varanasi	17-18 Dec 2021
53.	None	Session chair	Amity University Noida (UP)	11th International Conference on Cloud Computing, Data Science and Engineering (CONFLUENCE 2021),	Noida (UP)	28-29 January 2021

54.	None	Session chair	MNNIT Allahabad	7th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON-2020),	Allahabad (UP)	27-29 Nov 2020
55.	None	Session chair	Uttaranchal University Dehradun	2nd International Conference on Advances in Computing and Data Sciences (ICACDS-2018)	Dehradun	April 20-21, 2018
56.	None	Session chair	held in JK Institute of Applied Physics and Technology, University of Allahabad,	International Conference on Emerging Trends in Communication, Computing and Electronics (IC3E-2018)	Allahabad	April 15, 2018
57.	None	Session chair	JIIT Noida	4th IEEE International Symposium on Emerging Trends and Technologies in Library and Information Services,	Noida	6-7 Jan 2015
58.	None	Session chair	Sharda University, Noida	National Conference on "Electronics, Communication and Information Systems",	Greater Noida	11-12 Oct 2013

8. Consultancy assignment (if any): NIL

SNo.	Organization/ agency	Cost, title of consultancy	Duration

9. Details of Institution/ Government/ Industry / own Institution Sponsored Research Projects (including Programme Evaluation) and Amount (Both completed and ongoing):

SNo.	Agency	Amount	Duration with dates	Status i.e. ongoing/ completed
1.	UPCST Lucknow (UP).	13.05 Lacs	2024-2027	Ongoing
2.	UPCST Lucknow (UP).	10.44 Lacs	2019-2022	Completed
	AICTE, New Delhi	5.0 Lacs	2019	Completed

10. Details of PhD and MPhil Scholars (including those awarded degree):

S. No.	Name and enrolment no:	Year of registration	Year of completion/ award
1.	Pooja Gupta, (Enroll No.: 07403022)	2010	2014
2.	Arun Kr Yadav (Enrolment no.: 100010076)	2011	2016
3.	Mukta Goyal (Enroll No.: 10403022)	2011	2016
4.	Madhulika Bhatia (Enroll No.:A2331011016)	2012	2016
5.	Mr. Irphan Ali (Enroll No.: 140001001147)	2014	2022
6.	Prem Sagar Sharma(Enroll No. 150001001176)	2015	2022
7.	Shashank Srivastava, Enroll. No.: 2017028001	2017	2022
8.	ShobhitTyagi (2K19-PhD-CSE-462)	2019	2022
9.	Kirti (A1053617008	2016	2023
10.	Dharmendra Kumar (Ph.D./15/CSE/1806)	2015	2024
11.	Srajika Gupta (17MI516)	2017	2022
12.	KashishKalsi (17MI507)	2017	2022
13.	Rishabh Katna (17MI552)	2017	2022
14.	Vishal Kuber (20MCS118)	2020	2022
15.	Jalpa Desai (20MCS105)	2020	2022
16.	Menneni Sahithi (19M530)	2019	2021
17.	Aarushi (16MI504)	2016	2021
18.	Nikhil Choudhary (16MI531)	2016	2021
19.	Saumya Asati (16MI550)	2016	2021
20.	Akanksha (15MI525)	2015	2020
21.	AniketBhardwaj (15MI508),	2015	2020
22.	Anishka Gupta (15MI534)	2015	2020
23.	Seema Singh (2017023115)	2017	2019
24.	Shashank Gupta (2017023117)	2017	2019
25.	TriptiTripathi (2017023217)	2017	2019
26.	PremKumariVerma (2017023110)	2017	2019
27.	Rupal Singh (Roll No. 2016023203)	2016	2018
28.	Rishabh Jain (Enroll No. 14303035)	2014	2016
29.	PriyadarshiniMaurya ((Enroll No. 14303038)	2014	2016
30.	Amandeep Kaur (Enroll No. 14303033)	2014	2016
31.	Neha (Enroll No. 14303012)	2014	2016
32.	ManogyaTiwari (Enroll No. 14303025)	2014	2016
33.	ManveeChauhan (Enroll No. 10503873)	2010	2015
34.	Amar Kewlani (Enroll No.; 10503889)	2010	2015
35.	Gaurav Agarwal (Enroll. No.: 10503873)	2010	2015
36.	GeetikaGautam (Enroll. No.: 12303008)	2012	2014
37.	Dharmendra Kumar (Enroll No.: 032/MMT/01/2010)	2010	2014
38.	Hitesh Rokana (Enroll. No.: 12303016)	2012	2014
39.	Pushkin, Shailendra (Enroll. No.: 09303018)	2009	2011
40.	Madhvi, Gaur (Enroll. No.: 09303030)	2009	2011
41.	Sanjeev Kr Punia (Enroll. No.: 07303014)	2007	2009

11. Details of Programmes/ Courses coordinated/ written/ edited/ translated (if applicable):

S No.	Programme	Course	Unit (print)/ Audio/Video/ eSLM	Coordinated/Written / Edited (content/ language/ format)/ Translated	Period
	PHDCS			Programme Coordinator	Sept 2025 to till date
	MCA (Online)			Programme Coordinator	2023- 2025
1	BCA(Online)	-	-	Programme Coordinator	2022-23
2	MCA	Artificial Intelligence and Machine Learning	-	Course Coordinator	2022
3	MCA	Digital Image Processing and Computer Vision	-	Course Coordinator	2022
4	BCA	Data and File Structures	-	Course Coordinator	2022
5	BCA	Data and File Structures Lab	-	Course Coordinator	2022
6.	BCA	Introduction to Algorithm Design	-	Course Coordinator	2022
7.	BCA	Computer Oriented Numerical Techniques Lab	-	Course Coordinator	2022

12. Training programmes designed and conducted, duration and dates

S No.	Programme	Dates	Place	Number of Participants
1.	Development Programme on "Research Trends in AI and Mobile Systems (RTAIMS-19)	Dec 16-21, 2019	NIT Hamirpur,	30
2.	5 Days Workshop on LaTeX and Its Applications, organized	11-15 March 2019	MMMUT, Gorakhpur	25
3.	5th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON-2018),	2-4 Nov,2018	MMMUT Gorakhpur	100
4.	One Week Short Term Course on Advances in Computing Technology (ACT-2018)	12-18 March 2018	MMMUT, Gorakhpur	35
5.	student workshop on PhP	6-7 March 2017	MMM University of Technology Gorakhpur	40

13. Details of Counselling sessions conducted:

S No.	Program me	Course	Place	Dates	Durati on	Mode (Specify- Face to Face Radio counselling Teleconferencing Web conferencing Any Other)
1.	MSCDSA	Introduction to the Newly Launched M.Sc. (Data Science and Analytics) Programme	IGNOU	11 Dec 2025	0.5 Hrs	Teleconferencing
2.	MSCDSA		IGNOU	25 Nov 2025	1 Hrs	Radio counselling
3.	BCA	BCS 42: "Red-Black Tree: Introduction and Creation"	IGNOU	15 July 2025	0.5 Hrs	Teleconferencing
4.	BCA	BCS 42: "Insertion and Selection Sorts: Method and Complexity Analysis"	IGNOU	19 Jan 2025	0.5 Hrs	Teleconferencing
5.	BCA	BCS 42 "Linear Search and Bubble Sort: Method and Complexity Analysis"	IGNOU	17 Dec 2024	0.5 Hrs	Teleconferencing
6.	All programmes of SOCIS	Focused on the Programmes of Study offered by School of Computer and Information Sciences	IGNOU	09 Dec 2024	1:00 Hrs	Teleconferencing
7.	BCA	BCS 42: "Minimum Cost Spanning Tree (MCST) using Prim's Algorithm"	IGNOU	21 Oct 2024	0.5 Hrs	Teleconferencing
8.	BCA	BCS 42: "Binary Search tree: Introduction, Creation and Deletion"	IGNOU	20 Feb 2024	0.5 Hrs	Teleconferencing
9.	BCA	BCS 42: "Binary tree: Introduction, Creation and Traversal"	IGNOU	12 Jan 2024	0.5 Hrs	Teleconferencing
10.	BCA	BCS 42 "Queue, Its Implementation and Application"	IGNOU	28 Nov 2023	0.5 Hrs	Teleconferencing
11.	BCA	MCS 021: Linear Data Structures: Stack 7 Queue and Their Applications	IGNOU	25 Aug 2023	0.5 Hrs	Teleconferencing
12.	BCA	MCS 021: Linked lists and its Applications	IGNOU	23 June 2023	0.5 Hrs	Teleconferencing
13.	MCA	Mcs 224: "Machine Learning: An introduction"	IGNOU	16 March 2023	0.5 Hrs	Teleconferencing

14.	BCA	BCS 42: "Deletion Operation in Red-Black Tree"	IGNOU	19 Aug 2025	0.5 Hrs	Teleconferencing
15.	BCA	Introduction to Algorithm Design	IGNOU	24 Sept 2024	1 Hrs	Radio counselling
16.	BCA	Introduction to Algorithm Design	IGNOU	28 May 2024	1 Hrs	Radio counselling
17.	BCA	Introduction to Algorithm Design	IGNOU	25 April 2023	1 Hrs	Radio counselling
18.	BCA	Introduction to Algorithm Design	IGNOU	27 June 2023	1 Hrs	Radio counselling
19	BCA	Introduction to Algorithm Design	IGNOU	22 Aug 2023	1 Hrs	Radio counselling
20	BCA	Introduction to Algorithm Design	IGNOU	23 Jan 2023	1 Hrs	Radio counselling

14. Details of Patents granted (if any):

Title: AAM-Physical Fitness: Analysis of Physical Fitness and Activity Level Using Machine Learning, Deep Learning Programming.

Patent number: 2020101986

Issuing Authority: Australian Government (IP Australia)

15. Contribution to IGNOU's corporate life: NIL

S. No.	Chairperson/ Member of Committee	Name of the Committee	Date/ period
1.			

16. Administrative position/s held in the University (even as in charge)

S. No.	Designation	Period
1.	Head of Department Computer Science & Engineering NIT Hamirpur (HP)	May-Sept 2022
2.	Faculty In charge NBA, NIT Hamirpur (HP)	March 2021- Sept 2022
3.	Nodal Officer, Digital India, NIT Hamirpur (HP)	April 2021- Sept 2022
4.	Associate Dean, Recruitment and Establishment, NIT Hamirpur	Nov 13, 2019. – 20 July 2020
5.	Chair Person, Senate Doctoral Program Committee, NIT Hamirpur	16 Aug 2019 – 20 July 2020
6.	Warden, Kasturba Bhawan, MMMUT Gorakhpur	23 April 2019 – 25 July 2019
7.	Vice-chairman, Council of Students activities (CSA), MMMUT Gorakhpur	May 2017 - April 2019
8.	Faculty In-charge Technical Sub-council, CSA MMMUT Gorakhpur	June 2017 - April 2019
9.	Deputy Coordinator, MMMUT Counselling Board	2017, 2018
10.	PG Convener, MMMUT Gorakhpur	March 2017 - June 2019
11.	Deputy Coordinator, TEQIP III, MMMUT Gorakhpur	Jan 2017 - July 2019

12.	Deputy Coordinator, Entrance examination for Admission, MMMUT Gorakhpur	Dec 2016 - Nov 2017
13.	Faculty In-charge, Student Cultural Cell, MMMUT, Gorakhpur	Nov 2016 – May 2017
14.	Faculty Coordinator, Jaypee Youth Club (JYC), JIIT Noida	April - Oct 2011

17. Any other contribution/information

- Associate Editor, International Journal of Forensic Software Engineering, InderScience, ISSN No. 743-5099.
- Guest Editor, Special Issue On Swarm Intelligence Techniques for Social Media Systems, International Journal of Swarm Intelligence Research (IJSIR), Vol 11, Issue 1 (2020).
- Guest Editor, Special Issue on “Concepts Modelling and Applications of Fast Learning Using Soft Computing”, International Journal of Fuzzy System Applications (IJFSA), IGI Global
- Reviewer of Ecological Informatics, Elsevier SCI LTD, ISSN: 1574-9541 / 1878-0512 (SCIE)
- Reviewer of Measurement, Elsevier SCI LTD, ISSN: 0263-2241 / 1873-412X, May 2021 (SCIE)
- Reviewer of Pattern Recognition Letters, Elsevier, ISSN: 0167-8655, Jan 2022 (SCIE).
- Reviewer of Clinical Epidemiology and Global Health, Elsevier since Aug 2019.
- Reviewer of Journal of Retailing and Consumer Services, Elsevier, ISSN: 0969-6989 (SSCI).
- Reviewer of International Journal of Natural Computing Research (IJNCR), IGI Global Publication, ISSN: 1947-928X.
- Reviewer of International Journal of Intelligent Information Technologies, IGI Global, USA, ISSN: 1548-3657
- Reviewer of International journal of intelligent information technologies, IGI Global, USA
- Reviewer of International journal of swarm intelligence research, IGI Global, USA
- Reviewer of International Journal of Web Services Research, IGI Global, USA
- Journal of Science & Technology, ISSN No. 2229-8460.
- Reviewer of International Journal of Information Technology & Decision Making, WORLD SCIENTIFIC, Print ISSN: 0219-6220 (SCIE).
- Reviewer of Applied Computing and Informatics, Elsevier Journal, ISSN: 2210-8327.
- Reviewer of Information Processing and Management, Elsevier, ISSN: 0306-4573 (SSCI)
- Reviewer of International Journal of Information Technology, Springer, SSN: 2511-2104
- Reviewer of Springer Plus Journal, ISSN: 2193-1801.
- Reviewer of WSEAS transaction on Computers.
- TPC member in 3RD International Conference on Networks and Cryptology, 29-31 May 2025, School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi, India.
- TPC member, International Confernece on Computational Intelligence and Sustainable Engineering Solutions (CISES-2022) 20-22 May 2022, GL bajaj Institute of technology and Management, Gr Noida.
- TPC member, Sixth International Conference on System Modeling & Advancement in Research Trends (SMART 2017), 29 -30 December, 2017 Teerthanker Mahaveer University, Moradabad
- TPC member, The IEEE Conference on Electrical, Computer and Electronics (UPCON 2017), 26-28 Oct 2017 GLA Mathura
- TPC member, The Fifth International Conference on Information Technology and Quantitative Management (ITQM 2017), Dec 8-10, 2017, JBS JIIT Noida.
- TPC member, International Conference on Computing, Communication and Automation, 2017 Galgotias University Greater Noida, India, May 5-6, 2017

- TPC member, 1st International Conference on Smart Computing & Informatics (SCI) 3-4 March 2017 ANITS, Visakhapatnam, Andhra Pradesh, India.
- TPC member, 5th International Conference on System Modeling & Advancement in Research Trends (SMART 2016), 25th -27th November, 2016, Teerthanker Mahaveer University, Moradabad
- TPC member, International Conference on Computing, Communication and Automation (ICCCA), 29 Apr - 30 Apr 2016, GALGOTIAS UNIVERSITY GREATER NOIDA, India
- TPC member, International Conference on Computing, Control and Communication Technology, Mar 25, 2016 - Mar 27, 2016, Allahabad, India
- TPC member, 6th International Conference on Cloud System and Big Data Engineering (CONFLUENCE-2016), 14-15 Jan 2016, Amity University Noida.
- TPC member, 2nd International Conference on Next Generation Computing Technologies (NGCT' 2016), 2016, Dehradun.
- Member International Advisory Committee, International Conference on Recent Trends in Computer and Information Technology, 25-26 September, 2015.
- TPC member, 1st International Conference on Next Generation Computing Technologies, 4-5 Sept 2014, Dehradun.
- TPC member, 2nd International Conference on Computer, Communication and Control Technology, 21-23 April, 2015, Kuching, Malaysia.
- TPC member, 2nd International Conference on Communication and Computer Engineering, Phuket, Thailand, 9-11 June 2015
- TPC member, International Conference on Computing, Communication and Automation (ICCCA 2015), Galgotias University, Technically Co-Sponsored by IEEE UP Section, 15-16 May. 2015,
- TPC member, International Multi Topic Conference 2015 (IMTIC '15), 11-13 Feb, 2015, Mehran University, Jamshoro, Pakistan.
- TPC member, 4th International Symposium on Emerging Trends and Technologies in Libraries and Information Services (ETTLIS-2015), Technically sponsored by IEEE UP Section, 6-8 Jan 2015
- Technical session chair at 5th International Conference Confluence 2014, The Next Generation Information Technology Summit, Amity University, 25-26 Sept 2014.
- TPC member, IEEE International Symposium on Signal Processing and Information Technology, Dec 15-17, 2014 IIIT, Noida.
- TPC member, Advancement in Information Technology International Conference, 29th – 31st December 2014 in Bandung, Indonesia.
- TPC member, 7th International Conference on Contemporary Computing, 7-9 Aug, 2014, IIIT Noida
- TPC member, The Third International Conference on Data Analytics, August 24 - 28, 2014 - Rome, Italy.
- TPC member, 5th International Conference Confluence 2014 The Next Generation Information Technology Summit, 25-26 Sept 2014, Amity University, Noida.
- TPC member, International Conference on Medical Imaging, m-Health and Emerging areas in Communication Systems. 7-8 Nov 2014, Greater Noida.
- Technical session chair, National Conference on “Electronics, Communication and Information Systems”, 11-12 Oct 2013, Greater Noida.
- TPC member, the Second International Conference on Data Analytics, September 29 - October 3, 2013 Porto, Portugal.
- TPC member, the 4th International Conference- Confluence 2013: The Next Generation Information Technology Summit, 26-27 September, Amity University, Noida.
- TPC member of 2nd International Conference on Eco-friendly Computing and Communication Systems (ICECCS), 17-19 October 2013, JUIT, Wazirpur, HP, India.

- TPC member of 6th International Conference on Contemporary Computing, 8-10 Aug 2013, IIIT, Noida.
- Technical session chair, 3rd IEEE International Advance Computing Conference (IACC-2013), February 22-23, 2013.
- TPC member of First International Conference on Information Systems and Computer Networks (ISCON 2013), 9-10 March 2013, GLA University Mathura.
- Technical Program committee member of 3rd IEEE International Advance Computing Conference, February 22-23, 2013 Ghaziabad (UP)-201009, India.
- Technical Program committee member of "The First International Conference on Data Analytics", September 23-28, 2012 - Barcelona, Spain.
- Technical session chair, National Conference on Emerging technologies in Computer Science, October 20-21, 2012, NIET Gr Noida.
- Technical Program committee member of International multi-topic conference, Mehran University, Jamshoro, Pakistan, 28-30 March, 2012.
- Technical Program committee member of 4th WSEAS International Conference on Recent Advances in Computer Engineering and Applications (CEA10), Harvard University Cambridge, Jan 27-29, 2010.
- Technical Program committee member of 2nd Annual International Conference on INFOCOMM TECHNOLOGIES IN COMPETITIVE STRATEGIES (ICT 2011), 12-13 September 2011, Hotel Fort Canning, Singapore.



Signature of Teacher /Academic