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 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:

- 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.	Naveen Chauhan, Divakar Yadav, Gyanendra K. Verma, Badal Soni and Jorge Morato Lara	5th International Conference on Machine Learning, Image Processing, Network Security and Data Sciences (MIND 2023)	USA	CCIS, Springer			978-3-031-62216-8

2.	Divakar Yadav, Abhay Bansal, Madhulika Bhatia, Madhurima Hooda, Jorge Morato	Diagnostic Applications of Health Intelligence and Surveillance Systems	USA	IGI Global	2021	332	9781799865 278
3.	Mukta Goyal; Rajalakshmi Krishnamurthi; Divakar Yadav	E-learning Methodologies : Fundamentals, Technologies and Applications	UK	IET	2021	352	9781839531 200
4.	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
5.	Saumya Yadav, Rakesh Chandra Joshi, and Divakar Yadav	Trustworthy Machine Learning for Cloud-Based Internet of Things (IoT)	Denmark	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	9781799868 705
7.	Mukta Goyal; Rajalakshmi Krishnamurthi, Divakar Yadav	Introduction of E-learning Methodologies : Fundamentals, technologies and applications, E-learning Methodologies : Fundamentals, Technologies and Applications	UK	IET	2021	23	9781839531 200
8.	Mukta Goyal, Divakar Yadav, Mehak Sood	Student Performance Prediction for Adaptive E-learning Systems	UK	IET	2021	25	9781839531 200

9.	Jain A., Tayal D.K., Yadav Divakar, Arora A.	Research Trends for Named Entity Recognition in Hindi Language	Denmark	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	Denmark	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	Singapore	Springer,	2018	11	978-981-13-1809-2.20-21
12.	Yadav A.K., Yadav D., Rai D.	Efficient Methods to Generate Inverted Indexes for IR	New Delhi	Springer	2016	10	978-81-322-2756-4
13.	Vimal Kumar K., Yadav D.	An Improvised 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	Gemany	Springer	2011	10	978-3-642-22605-2
16.	Yadav D., Dani D., Kumari P.	De-duplication in File Sharing Network	Gemany	Springer	2011	04	978-3-642-22605-2
17.	Goyal M., Choubey A., Yadav D.	Cognitive Models and Its Current Challenges	Gemany	Springer	2011	04	978-3-642-19422-1
18.	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
19.	Kartikey Tewari, Arun Kumar Yadav, Mohitkumar, Divakar Yadav	Extractive Text Summarization using Statistical Approach	USA	IEEE	2022	10	978-981-19-7866-1
20.	P. S. Sharma,	Improve the	USA	IEEE	2022	07	21990763

	D. Yadav and A. Dumka	Response Time with Content Mining based Web Page Ranking					
21.	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
22.	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
23.	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,
24.	Bharadwaj A., Yadav D., Yadav A.K.	Heart Disease Prediction Using Hybrid Classification Methods	Singapore	Springer	2021	11	978-981-16-2593-0
25.	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
26.	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
27.	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
28.	PremKumari, NagendraPratap Singh, Divakar Yadav	Image Enhancement: A Review	Singapore	Springer	2019	09	978-981-15-1517-0
29.	Shashank Gupta and	Lane-Finding Based on	USA	IEEE	2019	07	19379504

	Divakar Yadav,	Structure Analysis of Lane and Computer Vision					
30.	Kriti Dhingra; Anchal Garg; Divakar Yadav	Assistive Technology for Preliminary Diagnosis of Learning Disability (LD) among Children	USA	IEEE	2019	06	19046499
31.	Nagendra P. Singh, Takumi Nagahama, PratimaYadav, Divakar Yadav	Feature Based Leaf Identification	USA	IEEE	2018	06	978-1-5386-5003-5
32.	Mukta Goyal, DivakarYadav and MehakSood	Decision Making for E-learners based on Learning Style, Personality, and Knowledge Level	USA	IEEE	2018	05	978-1-5386-5003-5
33.	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
34.	Adarsh Kumar, AlokAggrawal, and Divakar Yadav	"A Multi-layered Outlier detection model for resource constraint Hierarchical MANET	USA	IEEE	2018	07	978-1-5386-5003-5
35.	Arti Jain, Ashutosh Gupta, Nikhil Sharma, Shubham Joshi, DivakarYadav	Mining Application on Analyzing Users' Interests from Twitter		Elsevier SSRN	2018	08	1556-5068
36.	Madhulika, AbayBansal, and Divakar Yadav	Marker Controlled Watershed Segmentation for Extracting Features from Neuron Components	USA	IEEE	2016	05	978-988-19253-0-5
37.	Goyal, M., Yadav, D., and	Intuitionistic Fuzzy	USA	IEEE	2015	06	978-1-4673-6735-6

	Tripathi, A.	Approach for Adaptive Presentation in an E-learning Environment					
38.	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
39.	Divakar Yadav, Meenal Aggrawal and Anuja arora	Performance Evaluation of LSB and LSD in Steganography	USA	IEEE	2014	06	978-1-4799-4236-7
40.	Arti Jain, DivakarYadav, and Devendra Tayal	NER for Hindi Language using Association Rules	USA	IEEE	2014	05	978-1-4799-4674-7
41.	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
42.	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
43.	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
44.	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
45.	Vidushi Vidyarthi, Arun Yadav, and Divakar Yadav	New methodology In GIR Systems:	USA	IEEE	2013	05	978-1-4799-0190-6

		Improving Web Document Searching,					
46.	Vicente Palacios, Sonia Sanchez-Cuadrado, DivakarYadav, Jorge Morato, and Christos Dimou,	Ontologies Evaluation for a Conceptual Retrieval System of Metadata Schemes: Case Study	USA	IEEE	2013	07	978-1-4799-0190-6
47.	Venkata, DivyaRagatha and Yadav, Divakar	Image Query Based Search Engine Using Image Content Retrieval	USA	IEEE	2012	05	978-0-7695-4682-7
48.	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
49.	Yadav, Divakar, Sharma, AK, and Gupta, JP,	Users Search Trends on WWW and Their Analysis	USA	ACM	2010	08	978-1-4503-0408-5
50.	Yadav, Divakar and A.K. Sharma	Tertiary buddy Systems for Efficient Dynamic Memory Allocation	USA	ACM	2010	06	978-960-474-156-4
51.	Yadav, Divakar, Sharma, A.K., and Gupta, J.P.	Web Page Change design	India	Narosa publication	2009	10	978-81-8487-013-8
52.	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
53.	Yadav, Divakar, Pansari, S., Krishnan, A. and Chaturvedi, A.K.	Memory management: tertiary buddy system			2008	04	978-960-6766-33-6
54.	Yadav, Divakar, Sharma, A.K., and Gupta, J.P.	Change Detection in Web pages	USA	IEEE	2007	06	0-7695-3068-0
55.	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
56.	Yadav, Divakar, Sharma, A.K., and Gupta, J.P.	Optical Character Recognition for Printed	USA	ACM	2007	06	978-0-88986-629-4

		Hindi Text in Devanagari Using Soft-Computing Technique					
57.	Dixit, U., Gupta, S., Yadav, A.K., Yadav, D.	Analyzing the Impact of Extractive Summarization Techniques on Legal Text, International Conference on Data Analytics & Management	Poland	(ICDAM 2023)	2023	18	978-981-99-6543-4
58.	Sonam Gupta, Arun Kumar Yadav, Divakar Yadav, Bharti Shukla	Challenges and Issues in Legal Documents Classification,	Hyderabad	(ICICIAC-2022)	2022		https://doi.org/10.1063/5.0161060
59.	U. Dixit, S. Gupta, A. K. Yadav and D. Yadav	Recent Advances in DL-based Text Summarization: A Systematic Review	Greater Noida, India	(ICACITE)	2023	8	979-8-3503-9927-1
60.	Manoj Kumar, Arun Kumar Yadav, Mohit Kumar, and Divakar Yadav	Bird Species Classification from Images Using Deep Learning, International Conference on Computer Vision and Image Processing (CVIP)	Nagpur		2022	13	978-3-031-31416-2

4. Research Articles/Publications:

S. No.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
1.	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	10.1007 /s13278 -024-01287-w		2024	1869-5469
2.	Ashish Dhiman, Arun Kumar Yadav, Mohit Kumar, Divakar Yadav, Akash	Sentiment classification in Hindi text using hybrid deep learning method	International Journal of Information Technology	10.1007 /s41870 -024-01995-8		2024	2511-2104

	Verma						
3.	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	10.1504 /IJIDS.2 025.100 59513		2024	1756-7017
4.	Divakar Yadav, Kritarth Kapoor, Arun Kumar Yadav, Mohit Kumar, Arti Jain, Jorge Morato Lara	Satellite Image Classification Using Convolutional Neural Networks	Earth Science Informatics	10.1007 /s12145 -024-01301-x		2024	0255-660X
5.	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	https://d oi.org/1 0.1007/ s11042-024-18696-w		2024	
6.	G Khartheesvar, Mohit Kumar, Arun Kr Yadav, Divakar Yadav	Automatic Indian Sign Language Recognition using MediaPipe Holistic and LSTM Network	Multimedia Tools with Application	https://d oi.org/1 0.1007/ s11042-023-17361-y	20	2024	1380750 1
7.	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	https://d oi.org/1 0.1007/ s42979-023-02296-w		2023	2661-8907
8.	Dharmendra Kumar, Divakar Yadav, Diwakar Singh Yadav	Spatial indexing and searching using Parallel Wavelet Tree,	International Journal of Information Technology	https:// doi.org/ 10.1007 /s41870 -023-01422-4	9	2023	2511-2104
9.	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	https:// doi.org/ 10.1007 /s42979 -023-02117-0		2023	2661-8907
10.	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,	10.1109 /OJCO MS.202 3.33105 28	18	2023	2644125 X
11.	Shashank Srivastav, P.K.	A novel approach to solve exact	International Journal of System	https://d oi.org/1	10	2023	0975-6809

	Singh and Divakar Yadav	matching problem,	Assurance Engineering and Management	0.1007/s 13198-023-01948-7			
12.	Akash Verma, Arun Kumar Yadav, Mohit Kumar, Divakar Yadav	Automatic Image Caption Generation Using Deep Learning	Multimedia Tools and Application	https://d oi.org/1 0.1007/s 11042-023-15555-y	17	2023	1380750 1
13.	Arun Kumar Yadav, Surabhi Bhatia, Mohit Kumar, Abhishek Kumar, Shivani, Kusum, Divakar Yadav	Hate Speech Recognition in multilingual text: Hinglish Documents	International Journal of Information Technology	https:// doi.org/ 10.1007 /s41870 -023-01211-z	13	2023	2511-2104
14.	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	https:// doi.org/ 10.114 2/S021 800142 357002 1		2023	0218-0014
15.	Prem Sagar Sharma, and **Divakar Yadav**	A Novel Architecture for Search Engine using Domain based Web Log Data,	International Arab Journal of Information Technology	https:// doi.org /10.34 028/iaj it/20/1/ 10	10	2023	
16.	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	10.1109 /ACCE SS.202 2.32310 16	23	2022	2169-3536
17.	Shobhit Tyagi, Divakar Yadav	ForensicNet: Modern CNN-based Image Forgery Detection Network	Journal of Forensic Sciences (JFS)	68(2)	9	2023	0022-1198
18.	Yadav, D., Gupta, A., Jain, A. and Yadav, A.K.	Plant leaf disease detection using CNN with transfer learning and GBoost	Int. J. Data Analysis Techniques and Strategies	14(3)	22	2023	1755-8069
19.	Dhingra, Kriti; Aggarwal, Rekha; Garg, Anchal; Pujari,	Mathlete: An adaptive assistive technology tool for children with	Disability and Rehabilitation: Assistive Technology	19(1)	7	2022	1748-3107

	Jayanti; Yadav, Divakar	Dyscalculia					
20.	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(9)	17	2022	1380750 1
21.	Arti Jain, Anuja Arora, Jorge Luis Morato Lara, Divakar Yadav and K. Vimal Kumar	Automatic Text Summarization for Hindi Using Real Coded Genetic Algorithm	Applied Sciences, (SCIE, IF: 2.84, h-index: 75).. DOI: https://doi.org/10. 3390/app1213658 4	12(13)	6584	2022	2076-3417,
22.	AkhileshVerma, 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	Accepte d and in press	In press	2022	0929-6212
23.	Shobhit Tyagi, Divakar Yadav, MiniNet	A Concise CNN for Image forgery Detection,	Evolving Systems	Dol: 10.1007 /s12530 -022-09446-0	In press	2022	1868-6478
24.	Prem Sagar Sharma, Divakar Yadav, RN Thakur,Web	Page Ranking using Web Mining Techniques: A comprehensive survey	Mobile Information Systems	2022	Articl e ID 7519 573, 31	2022	1574-017X
25.	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
26.	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.27 799–2781 7	2022	1380750 1
27.	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	1508280 6
28.	Amit Singh, MayankDhiman, Vineet, RishabhKaundal , AnkitVerma, Arun Kumar	Extractive Text Summarization using Deep Learning Approach,	International Journal of Information Technology, (Springer Singapore)	14	pages 2407 – 2415	2022	2511-2104

	Yadav, Divakar Yadav						
29.	DivakarYadav, NamanLalit, RiyaKaushik, Yogendra Singh, Mohit, Dinesh, Arun Kr. Yadav, Kishor V. Bhadane, Adarsh Kumar, and Baseem Khan	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
30.	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
31.	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
32.	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
33.	ShobhitTyagi, Divakar Yadav	A Comprehensive Survey on Image Synthesis and Editing Techniques,	Archives of Computational Methods in Engineering	29	pages 2685 – 2705		11343060
34.	Bharti, S., Yadav, A.K., Kumar, M. and Yadav, D.	Cyberbullying detection from tweets using deep learning",	Kybernetes	-	-	2021	0368-492X
35.	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
36.	Tewari, K., Shrivastava, A., Yadav, A.K. Yadav, D.	Efficient transitive operations using binary indexed trees.	International Journal of Information Technology,	13	1155 – 1163	2021	2511-2104

			Springer				
37.	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,
38.	Arti Jain, Anuja Arora, Divakar Yadav, Jorge Morato, Amanpreet Kaur,	Text Summarization Technique for Punjabi Language Using Neural Networks,	International Arab Journal of Information Technology	18(6)	pp. 807-818	2021	1683-3198,
39.	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	22209–22229,	2021	13807501
40.	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	109084	2021	0263-2241
41.	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
42.	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
43.	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
44.	Prem Sagar Sharma, Divakar Yadav	Incremental Refinement of Page Ranking of Web Pages	International Journal of Information Retrieval Research (IJIRR),	10(3)	pp. 57-73	2020	2155-6377

			IGI Global				
45.	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,
46.	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
47.	Kumar, A., Jain, S. and Yadav, D.	A novel simulation-annealing enabled ranking and scaling statistical simulation constrained optimization algorithm for Internet-of-things (IoTs)	Smart and Sustainable Built Environment, Emrald Publication	9(4)	pp. 675-693	2020	2046-6099,
48.	Prem Sagar Sharma, Divakar Yadav, and Pankaj Garg	A systematic review on page ranking algorithms.	*International Journal of Information Technology (Singapore)*	*12(2)*	*pp. 329-337*	2020	2511-2104,
49.	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
50.	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
51.	Irphan Ali, Divakar Yadav	Question reformulation-based question answering environment model	*International Journal of Information Technology (Singapore)*	13	59–67	2019	2511-2104
52.	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
53.	Arun Yadav, Divakar Yadav	Wavelet Tree based Dual	International Arab Journal of	16(6)	pp. 624-	2019	1683-3198

		Indexing Technique for Geographical Search	Information Technology		632		
54.	Irphan Ali, Divakar Yadav, and A K Sharma	SWFQA Semantic Web based Framework for Question Answering,	International Journal of Information Retrieval Research (IJIRR), IGI Global	9(1), article 6	pp. 88-106	2019	2155-6377
55.	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
56.	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
57.	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
58.	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
59.	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
60.	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
61.	Arun Kr Yadav, Divakar Yadav, Rajesh Prasad	Efficient Textual Web Retrieval using Wavelet	International Journal of Information	6(4), article 3	pp. 16-29	2016	2155-6377,

		Tree	Retrieval Research (IJIRR), IGI Global				
62.	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
63.	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
64.	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
65.	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, Indersciencepublisher,Switzerland	7(1)	pp.44 – 65	2016	2040-3607
66.	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
67.	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,
68.	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
69.	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
70.	Divakar Yadav, AK Sharma, Sonia Sanchez-Cuadrado, Jorge Morato	An Approach to Design Incremental Parallel WebCrawler	Journal of Theoretical and Applied Information Technology	43(1)	pp. 8-29	2012	1992-8645

71.	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
72.	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
73.	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
74.	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.			
2.			
3.			

6. **MOOCs/ eSLMs/ eModules developed : NIL**

SN o.	Author/ Co-author (if any)	Title	Credits	Level	Host Portal: (SWAYAM/ NPTEL/ NMEICT/ ePG Pathshala/ Any Other)	Year	Weblink
1.							
2.							

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 2nd International Conference on Data Analytics and Management (ICDAM-2021)	Hariyana	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,	3rd 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	Bennet University	IEEE 5th International Symposium on Emerging Trends and	Greater Noida	Feb 21-23, 2018

		Institutions		Technologies in Libraries and Information Services (ETTLIS-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 October, 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	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
22.	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

23.	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
24.	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	3rd Feb 2022
25.	None	Informal Introduction on Supervised Learning	IIT Mandi	HUB & HCI Foundation	Mandi	19 January 2022
26.	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
27.	None	Artificial Neural Network	Central University of Jharkhand, Ranchi	One Week Workshop on the Internet of Things (IoT)	Ranchi	17 Sept 2020
28.	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
29.	None	Classification Techniques in Machine Learning	JUIT Waknaghat Solan (HP)	during FDP on Transferring Education with Industry 4.0	Solan (HP)	20 June 2020
30.	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
31.	None	Unsupervised	NIT Hamirpur	FDP on	Hamirpur	16-21 Dec

		Learning in Artificial Neural Networks (ANN) and Clustering Techniques in Machine Learning	(HP)	Research Trends in AI and Mobile Systems	(HP)	2019
32.	None	Machine Learning and Its Applications	ECE Department, NIT Hamirpur (HP)	5 days FDP	Hamirpur (HP),	Aug 2019
33.	None	Artificial Neural Network	AKGEC Ghaziabad	Faculty Development Programme	Ghaziabad	8-9 July 2019
34.	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.
35.	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
36.	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
37.	None	Information Retrieval (Basics and Challenges)	Madan Mohan Malaviya University of Technology, Gorakhpur	Short-Term Course on "Advances in Computing Technology" (ACT-2017)	Gorakhpur	March 01, 2017
38.	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
39.	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

40.	None	Parallel WebCrawler	Sharda University, Greater Noida, India	National Workshop on Emerging Trends in CS & IT,	Greater Noida,	19-20 March 2010
41.	None	Legal Information Retrieval, International Seminar on Emerging Technologies, Law and Governance,	National Forensic Science University, Delhi Campus,		New Delhi	20-21 June 2024
42.	None	Mathematics behind Decision Tree,	NIT Hamirpur (HP)	5th International Conference on Machine Learning, Image Processing, Network Security and Data Science (MIND-2023)	Himachal Pradesh	22-23 Dec 2023
43.	None	Keynote on Machine Learning Application in Cyberbullying	Arya College of Engineering & IT Jaipur	4th International Conference on Recent Trends in Communication & Intelligent Systems (ICRTCIS 2023)	Rajasthan	28-29 April 2023

8. **Consultancy assignment (if any): NIL**

S. No.	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):**

S. No.	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.	Dr. Pooja Gupta, (Enroll No.: 07403022)	2010	2014
2.	Dr. Arun Kr Yadav (Enrolment no.: 100010076)	2011	2016

3.	Dr. Mukta Goyal (Enroll No.: 10403022)	2011	2016
4.	Dr. Madhulika Bhatia (Enroll No.: A2331011016)	2012	2016
5.	Dr. Irphan Ali (Enroll No.: 140001001147)	2014	2022
6.	Dr. Prem Sagar Sharma (Enroll No. 150001001176)	2015	2022
7.	Dr. Shashank Srivastava, Enroll. No.: 2017028001	2017	2022
8.	Dr. ShobhitTyagi (2K19-PhD-CSE-462)	2019	2022
9.	Dr. Kirti (A1053617008)	2017	2024
10.	Dr. 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 N o.	Programme	Course	Unit (print)/ Audio/Video/ eSLM	Coordinated/Written / Edited (content/ language/ format)/ Translated	Period
	MCA (Online			Programme	2023- till

				Coordinator	date
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.	Programme	Course	Place	Dates	Duration	Mode (Specify-Face to Face Radio counselling Teleconferencing Web conferencing Any Other)
1.	Machine Learning: An introduction	AI &ML	EMPC, IGNOU, New Delhi	16 March 2023	3:00 - 3:30 PM	Gyan Darshan TV Channel

2.	Linked lists and its Applications	Data and File Structures / Data Structures and Algorithms	EMPC, IGNOU, New Delhi	23 June 2023	4:30 - 5:00 PM	Gyan Darshan TV Channel
3.	Linear Data Structures : Stack 7 Queue and Their Applications	Data and File Structures / Data Structures and Algorithms	EMPC, IGNOU, New Delhi	25 Aug 2023	4:00 PM – 4:30 Pm	Gyan Darshan TV Channel
4.	Queue, Its Implementation and Applications	Data and File Structures / Data Structures and Algorithms	EMPC, IGNOU, New Delhi	28 Nov 2023	4:00-4:30 PM	Gyan Darshan TV Channel
5.	Binary tree: Introduction, Creation and Traversal	Data and File Structures / Data Structures and Algorithms	EMPC, IGNOU, New Delhi	12 Jan 2024	4:00-4:30 PM	Gyan Darshan TV Channel
6.	Binary Search tree: Introduction, Creation and Deletion	Data and File Structures / Data Structures and Algorithms	EMPC, IGNOU, New Delhi	20 Feb 2024	4:00-4:30 PM	Gyan Darshan TV Channel
7.	Linear Data Structure	Data and File Structures / Data Structures and Algorithms	EMPC, IGNOU, New Delhi	25 April 2023	11:00-12:00 Noon	Gyanvani Radio Channel
8.	Tree Data Structure	Data and File Structures	EMPC, IGNOU, New Delhi	27 June 2023	11:00-12:00 Noon	Gyanvani Radio Channel

		/ Data Structures and Algorithms				
9.	Nonlinear Data Structure: Graph and its applications	Data and File Structures / Data Structures and Algorithms	EMPC, IGNOU, New Delhi	22 Aug 2023	11:00-12:00 Noon	Gyanvani Radio Channel
10.	Sorting algorithms, their complexity analysis and applications	Introduction to Algorithm Design	EMPC, IGNOU, New Delhi	23 Jan 2024	11:00-12:00 Noon	Gyanvani Radio Channel

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 April2019 – 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 Counseling Board	2017, 2018
10.	PG Convener, MMMUT Gorakhpur	March 2017 - June2019
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

- Chaired a technical session in International Conference on Advanced Network Technologies and Intelligent Computing (ANTIC-2021), 17-18 Dec 2021, Department of Computer Science, Institute of Science, BHU Varanasi, India.
- Chaired a technical session in 11th International Conference on Cloud Computing, Data Science and Engineering (CONFLUENCE 2021), 28-29 January 2021, Amity University Noida (UP)
- Chaired a technical session in 7th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON-2020), 27-29 Nov 2020, MNNIT Alalhabad
- Chaired a technical session on Advanced Computing of the 2018 2nd International Conference on Advances in Computing and Data Sciences (ICACDS-2018) Organized at Uttaranchal University Dehradun during April 20-21, 2018.
- Chaired a technical session on Advance Computing Theories and Applications in International Conference on Emerging Trends in Communication, Computing and Electronics (IC3E-2018), held in JK Institute of Applied Physics and Technology, University of Allahabad, Allahabad on April 15, 2018.
- Chaired technical Session during the 4th IEEE International Symposium on Emerging Trends and Technologies in Library and Information Services, JIIT Noida, 6-7 Jan 2015.
- 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.

Signature of Teacher /Academic