Dr. Shamneesh Sharma

B. Tech.-M. Tech (CSE), Ph. D (CSE)

14 Years+ Experience (Academics and Academic Administration)

Contact

Address:
Village: Soutta, Post Office:Nagrota Gazian,
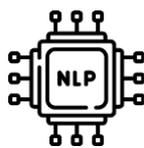Tehsil:Bhoranj, Distt. Hamirpur (Himachal Pradesh) INDIA. PIN-176045
Phone:
+918091764045 || +918679334000
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shamneesh.sharma@gmail.com

Skill Highlights

- Excellent communication skills in English and Hindi.
- Capable academician adept at managing deadlines with quality assurance.
- Confident administrator skilled in adopting innovative practices.
- A motivated Researcher who can carry out assignments with accuracy.

Career Objective

To become a renowned Academic Administrator and passionate researcher, dedicated to developing innovative approaches for imparting knowledge and fostering continuous learning.

Experience Summary

Senior Manager- Programs upGrad Education Private Limited, Bangalore, India from 1st April, 2024 till now.

Manager- Programs upGrad Education Private Limited, Bangalore, India from 16th August 2021 to 31st March 2024.

Responsibilities:

- Managing B2B batches of **B.Tech (Data Science)** and **B.Tech (Full Stack Development)** programs for 1300+ learners and 45+ trainers at Lovely Professional University, Jalandhar, Punjab, since August 16, 2021.

- Handling B2B Batches of **BBA (Business Analytics)** and **MBA (Business Analytics)** for 350+ Learners and 10+ Trainers at MediCaps University, Indore, Madhya Pradesh.

- Handling B2B Batches of **BBA (Digital Marketing)** and **MBA (Digital Marketing)** for 80+ Learners and 5+ Trainers at GNA University, Phagwara, Punjab.

- Handling B2B Batches of **BBA (Digital Marketing)** and **MBA (Digital Marketing)** for 80+ Learners and 5+ Trainers at SKITM, Indore, Madhya Pradesh

- **Subject Matter Expert** for the Domain Cloud Computing for Joint Degree Programmes B to B Vertical, upGrad Campus, Bangalore, India from 15 September, 2021.

Senior Faculty & Mentor (Information Technology) and Team Lead at iNurture Education Solutions, Bangalore, Karnataka, India from 6th August, 2019 to 13th August, 2021

Other Responsibilities:

- **Subject Matter Expert** for Domain Cloud Technologies, iNurture Education Solutions, Bangalore, India from 30th September, 2020 to 13th August, 2021 .

Deputation:

Assistant Professor (Senior Scale/F1) in the School of Computer Science & Engineering, Poornima University, Jaipur, Rajasthan (UGC 12B) from 6th August, 2019 to 13th August, 2021.

Administrative Responsibilities:

- **Member,** Center for Research, Instrumentation & Development (CRID) from 10th December, 2020
- **Head**, Department of Computer Applications, School of Computer Science & Engineering from 19th December, 2019 till now.
- **Head,** Center of Excellence on Machine Learning Applications for Society from 29th January, 2020
- **Member** of Internal Quality Assurance Cell from 11th January, 2020 till now. The cell is responsible for UGC 12B, NAAC and NBA Accreditation of the University.
- **Member** of Anti-Ragging Squad and Proctorial Committee from 22/07/2020.

Associate Professor in the Department of Computer Science and Engineering at School of Technology & Sciences, Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.) from 15th May, 2015 to 5th August, 2019.

Assistant Professor in the Department of Computer Science and Engineering at School of Technology & Sciences, Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.) from 1st July, 2013 to 14th May, 2016.

Other Academic Responsibilities:

- **IT Trainer** in the English Learning Programme (Special Certificate Programme designed for Foreign Students) at Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.) from January 2016 to July, 2016.

- **Mentor** (Information Technology) for Atal Incubation Centre, Shimla University, Alakh Prakash Goyal (APG) Shimla (H.P.) India

- **Centre Superintendent** for all the Online Examinations conducted by external agencies for GMAT, GPAT and Banking.

- **Coordinator** to ensure the proper functioning of the programmes designed and run by iNurture Education Solutions Pvt. Ltd.

- **Coordinator** of Syllabus Designing Committee for M. Tech (CSE) for the session 2014-2016, Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.)

Other Administrative Responsibilities:

- **Head**, Digital Marketing Cell from 8th February, 2019 to 5th August, 2019. The cell was responsible for all the digital campaigns, Online advertisements, Online lead generation and maintaining the Call Center.

- **Head**, Division of Information Technology from 4th November, 2013 to 5th August, 2019. The Cell was responsible for ERP (Developing and maintaining), the University website (Developing and maintaining), Central Time Tables, IT Infrastructure maintenance, Hardware and Networking Supportto all the stakeholders of the University.

- **Hostel Warden** for the International Hostel of the University from 1stAugust, 2013 to 30th June, 2016.

- **Head**, Technical Support NATA Center for the years 2014 & 2015. The Center was responsible for conducting the Online as well as offline exams of the aspirants of Architectural Courses.

- Member of Proctorial Board as **Deputy Proctor**. The Board was responsible for keeping a record of all disciplinary matters.

- **Member** of the Committee constituted for NAAC Accreditation. The Committee was responsible for all the accreditation-related activities.

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Network Administrator at Vee-Software Solutions Pvt. Ltd, Mohali (Punjab) India from 1st March, 2013 to 29th June, 2013.

Responsibilities:

- Managing the Network of organization alongwith its servers and other IT Infrastructure.

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Assistant Professor in the Department of Computer Science and Engineering at MIT College of Engineering and Management- Bani (Hamirpur) H.P. INDIA from 18th July, 2011 to 26th February, 2013.

Responsibilities:

- Head of Department (CSE) from 13th February, 2012 to 26th February, 2013.

- ERP and Website Coordinator from 30th August, 2011 to 26th February, 2013.

- Internal Examination Coordinator from 13th February, 2012 to 26th February, 2013.

- Hostel Warden from 18th July, 2011 to 26th February, 2013

- Member of Admission Committee from 8th August, 2011 to 26th February, 2013

- Member of Anti Ragging Committee from 13th February, 2012 to 26th February, 2013.

- Member of Discipline Committee from 13th February, 2012 to 26th February, 2013.

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Academic Head for the program All India Rural Technical Education initiated by Analyzed Incubation for Rural Technical Education, Gorakhpur (U.P.) from 3rd December, 2009 to 26th February, 2011.

Responsibilities:

- Designing of the syllabus of all the verticals across related to Computer Education.

- Recruitment and Training of Faculties across the board working in local schools.

Freelancing Contributions

Development of **Cloud Engineer Diploma Programme** for BizTech Institute Inc, Canada. BizTech College is a registered Career College in Mississauga under the Private Career Colleges Act, 2005 offering diploma and certificate programs in Health Sciences, Business and Technology.

Education Summary

Ph. D (Computer Science & Engineering) from Kalinga University, New Raipur, Chattisgarh, INDIA (NAAC-B+, UGC 12B).

Mode: Regular Part-Time **||** **Session:** 2019-25

B. Tech- M. Tech (Computer Science & Engineering) from Lovely Professional University, Phagwara, Punjab, INDIA (NAAC- A++, NIRF Ranking 99).

Mode: Regular **||** **Year of Passing:** 2011 **||** **CGPA:** 7.79 on 10 pointer Scale

10+2 (Non-Medical) from New Era Senior Secondary School, Parol, Hamirpur affiliated by Himachal Pradesh Board of School Education, Dharamshala, Himachal Pradesh, INDIA.

Mode: Regular **||** **Year of Passing:** 2006 **||** **Percentage:**62.80

Matriculation from Government Senior Secondary School, Badhani, Bhoranj, Hamirpur affiliated by Himachal Pradesh Board of School Education, Dharamshala, Himachal Pradesh, INDIA.

Mode: Regular **||** **Year of Passing:** 2003 **||** **Percentage:**64.40

Global and Professional Certifications (12)

Oracle Cloud Infrastructure 2024 Certified AI Foundations Associate provided by Oracle University.

- **Date of Exam:** 03/08/2024 **||** **Validity: Validity:** Lifetime
- **Certificate No.:** 289897622OCI24AICFA

Oracle Cloud Data Management 2023 Certified Foundations Associate provided by Oracle University.

- **Date of Exam:** 29/07/2024 **||** **Validity: Validity:** Lifetime
- **Certificate No.:** 289897622OCDMF2023

Microsoft Certified: Azure Developer Associate provided by Microsoft Corporation.

- **Date of Exam:** 17/07/2022 **||** **Validity: Validity:** 1 Year (17/07/2023 to 18/07/2024)
- **Certificate No.:** BD34CI-CE17D9

Microsoft Certified: Security, Compliance and Identity Management provided by Microsoft Corporation.

- **Date of Exam:** 26/05/2022 **||** **Validity:** Lifetime
- **Certificate No.:** K412-6196

Oracle Cloud Infrastructure Foundations 2021 Certified Associate provided by Oracle University.

- **Date of Exam:** 18/01/2022 **||** **Validity:** Lifetime
- **Certificate No.:** 289897622OCIBF2021

Microsoft Certified: Microsoft Azure Administrator Associate provided by Microsoft Corporation.

- **Date of Exam:** 29/07/2021 **||** **Validity:** 3 Years (29/07/2021 to 29/07/2023)

- **Certificate No.:** H943-1196

Microsoft Certified: Microsoft Dynamics 365 Fundamentals (MB-901) provided by Microsoft Corporation.

- **Date of Exam:** 27/05/2021 || **Validity:** Lifetime ||
- **Certificate No.:** H830-2749

Microsoft Certified: Microsoft Data Fundamentals (DP-900) provided by Microsoft Corporation.

- **Date of Exam:** 27/05/2021 || **Validity:** Lifetime ||
- **Certificate No.:** H803-9102

Microsoft Certified: Azure AI Fundamentals (AI-900) provided by Microsoft Corporation.

- **Date of Exam:** 09/05/2021 || **Validity:** Lifetime ||
- **Certificate No.:** H801-8886

Cyber Security Foundation Professional Certification provided by CertiProf

- **Date of Exam:** 21/04/2021 || **Validity:** 2 Years ||
- **Certificate No.:** 61963990

Microsoft Certified: Azure Fundamentals (AZ-900) provided by Microsoft Corporation.

- **Date of Exam:** 17/04/2021 || **Validity:** Lifetime ||
- **Certificate No.:** H759-0225

Certified Microsoft Innovative Educator provided by Microsoft Education Center under the programme Microsoft in Education.

- **Date of Exam:** 10/03/2021 || **Validity:** Lifetime
- **Reference:** www.education.microsoft.com

Thesis Work

Doctorate of Philosophy (Computer Science & Engineering)-Pursing

Integration of Blockchain Technology into Smart City Internet of Things (IoT) Framework to Improve Information Security under the guidance of Dr. Nidhi Mishra (Associate Professor- Department of Computer Science and Engineering) Kalinga University, Naya Raipur.

Master of Technology (Computer Science & Engineering)

Enhanced Distributed Energy Efficient clustering Protocol (E-DEEP) under the guidance of Dr. Robin Prakash Mathur (Associate Professor- Department of Computer Science and Engineering) Lovely Professional University, Punjab.

Patents (11)

Granted (3)

Chitkara Incubation Centre, Chetan Sharma**, Shamneesh Sharma,** Sakshi, Vinay Kukreja, **"Apparatus for Cleaning Board"** published at Indian Patent Office (IPO) on 5th November, 2020

Application No. 202011048389
Link: https://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus

****

Chitkara Incubation Centre, Sakshi, Chetan Sharma, Prasenjit Das, Shally Jain, Shankar Shambhu, Vinay Kukreja, Sachin Ahuja, **Shamneesh Sharma, "Biometric Mouse Glove"** granted by Indian Design Office (IDO) on 27th April, 2021.

Application No. 342775-001
Link: https://search.ipindia.gov.in/DesignApplicationStatus/

****

Chetan Sharma, Mukesh Kumar, Nidhi Walia, **Shamneesh Sharma,** Sakshi, Vivek Bhardwaj, **"Hydraulic Stand for Laptop"** granted by Indian Design Office (IDO) on 11th November, 2021.

Application No. 352924-001
Link: https://search.ipindia.gov.in/DesignApplicationStatus/

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Published (6)

Rattan Pal Singh, Deepa Nehra, Sudhanshu Gupta, Savita Wadhawan, Shamneesh Sharma, Sumit Mittal, Munishwar Rai, Rahul Dev Gupta, **"Intelligent Machine Learning based Chip Control Oxygen Concentrator with Filter"** filed at Indian Patent Office on 17 March, 2023

Application No. 381687-001
Link: https://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus

****

Rattan Pal Rana, Vikas Verma, **Shamneesh Sharma**, Sudhanshu Gupta, **"An Ameliorated Facial Sentiment Classification System with Enhanced Feature Selection Criteria"** published at Indian Design Office (IDO) on 30th April, 2021

Application No. 202111018709
Link: https://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
****

Neha Kumra, Chetan Sharma, Shefali Batra, Sita Ram Sharma, **Shamneesh Sharma,** Komal Sharma, **"System and Method to Monitor usage of A Computing Device of A User"** filed at Indian Patent Office on 8 October, 2022.

Application No. 202211057667
Link: https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus

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Chetan Sharma, **Shamneesh Sharma,** Komal Sharma **"Digital Display Board with Gesture Control"** filed at Indian Patent Office on 23 July, 2022.

Application No. 202211042286
Link: https://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus

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Chetan Sharma, **Shamneesh Sharma,** Tanisha Arora, **"Wheelchair Booking System and Method there of"** filed at Indian Patent Office on 30 July, 2022.

Application No. S2aq`
Link: https://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus

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Filed (3)

Chetan Sharma**, Shamneesh Sharma,** Komal Sharma, Ganesh Kumar Sethi **"Method For Storing Information in DNA"** filed at Indian Patent Office on 21 November, 2022 || Application No. 202211066815

****

Chetan Sharma**, Shamneesh Sharma,** Purnima Bali, Swati Sharma **"Multi-Purpose Pen Drive Storage"** filed at Indian Design Office (IDO) on 16th June, 2022 || Application No. 366145-001

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Chetan Sharma**,** Mukesh Thakur, **Shamneesh Sharma,** Nidhi Walia**,** Sakshi, **"Smart Instant Geyser"** filed at Indian Design Office (IDO) on 1st February, 2022 || Application No. 357700-001

Consultancy Projects (1)

Online Examination Project B1 Test as Project Head (System, Hardware & Network Support) for the Promotion of **Himachal Pradesh Police**. The consultancy was given on System Integration, Technical Support & Administration and Technical analysis of Servers.

- **Consultancy Cost:** INR 4 Lakhs and 15 Thousand
- **Duration:** From 8th August, 2017 to 25th August, 2017

Edited Books (1)

Arun Malik, Isha Batra, **Shamneesh Sharma,** Praveen Malik, **"Disruptive Technologies: Transforming Industries with Smart Solutions"** published by CRC Press, Taylor and Fransis Group, 2025.

Research Publications

International Journals (SCI, SCOPUS Indexed) || 25 Publications

Ishtiyaq Ahmad Khan, **Shamneesh Sharma** and Chetan Sharma, "**Recursive Queried Frequent Patterns Algorithm: Determining Frequent Pattern Sets from Database**" Expert Systems with Applications, USA, 2021.

- **Status:** Under Review
- **Indexing:** SCIE
- **ISSN:** 0957-4174
- **Impact Factor:** 6.9
- **Approximate Date of Publication:** May 2025

****

Shamneesh Sharma, Isha Batra, Chetan Sharma, Arun Malik, A. S. M. Sanwar Hosen, "**Blockchain Technology to Overcome Cybersecurity: Constituents and Prospects**", Blockchain: Research and Applications, Science Direct, 2023.

- **Status:** Under Review
- **Indexing:** ESCI, SCOPUS, Web of Science (Clarivate Analytics)
- **Impact Factor:** 6.1
- **Approximate Date of Publication:** May, 2025

****

Shamneesh Sharma, Gagandeep Berar, Balwinder Kaur Dhaliwal, Chetan Sharma, Manoj Manuja, Vivek Bhardwaj "**The Confluence of the Internet of Things and Medicare: Trends, Opportunities, and Future Research Pathways**", Discover Computing, Springer Nature, Switzerland AG.

- **Status:** Accepted for Publication
- **Indexing:** SCIE, SCOPUS
- **Impact Factor:** 5.8
- **Approximate Date of Publication:** November 2025

****

Shamneesh Sharma, Chetan Sharma, Isha Batra, Arun Malik, Mahender Singh Kaswan, Vimal Kumar, "**Navigating the Frontiers of Industry 5.0: Predictive Analysis using Natural Language Processing**", Operations Research Forum, Springer Nature, Switzerland AG.

- **Status:** Published
- **Indexing:** Scopus (Q2)
- **ISSN:** 2662-2556
- **Impact Factor:** 3.78
- **Date of Publication:** June 2025
- **DOI:** https://doi.org/10.1007/s43069-025-00501-5
- **Link:** https://link.springer.com/article/10.1007/s43069-025-00501-5

****

Shamneesh Sharma, Chetan Sharma, Komal Sharma, Vivek Bhardwaj, "**Exploring Paradigms of Computing: An Analytical Retrospection of Dew Computing**" SN Computer Science, Springer Nature, Switzerland AG.

- **Status:** Published
- **Indexing:** Scopus (Q1)
- **ISSN:** 2661-8907
- **Impact Factor:** 3.78
- **Date of Publication:** June 2025
- **DOI:** https://doi.org/10.1007/s42979-025-04105-y
- **Link:** https://link.springer.com/article/10.1007/s42979-025-04105-y

****

Chetan Sharma, **Shamneesh Sharma**, Balwinder Kaur Dhaliwal, Vivek Bhardwaj, "**Generative artificial intelligence for sustainable development: predictive trend analysis in key sectors using natural language processing**" Discover Applied Sciences, Springer Nature, Switzerland AG.

- **Status:** Published
- **Indexing:** SCIE, Scopus (Q1)
- **ISSN:** 0957-4174
- **Impact Factor:** 6.9
- **Date of Publication:** 4 June 2025
- **DOI:** https://doi.org/10.1177/23220937251339270
- **Link:** https://link.springer.com/article/10.1007/s42452-025-07207-7

****

Chetan Sharma, **Shamneesh Sharma**, Purnima Bali, Sandeep Singh, Mehdi Gheisari "**Stem to Stern of Human Resource Management Training: Anticipating Future Research Areas using Latent Dirichlet Allocation**" South Asian Journal of Human Resources Management, Sage Journals, 2025.

****

Chetan Sharma, **Shamneesh Sharma**, Sunil Kumar, Manoj Kumar Mishra and Dr. Vivek Bhardwaj, "Smart, Sustainable and Green: The Digital Transformation of Green-Marketing" Discover Sustainability, Springer Nature, Switzerland AG.

****

Chetan Sharma, **Shamneesh Sharma**, Sakshi, Hsin-Yuan Chen "**Advancements in handwritten Devanagari character recognition: a study on transfer learning and VGG16 algorithm**" Discover Applied Sciences, Springer Nature, Switzerland AG.

****

Chetan Sharma, **Shamneesh Sharma**, Komal Sharma, Ganesh Kumar Sethi, Hsin-Yuan Chen "**Exploring Explainable AI: A Bibliometric Analysis**" Discover Applied Sciences, Springer Nature, Switzerland AG

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Chetan Sharma, Sunil Kumar, **Shamneesh Sharma**, Saumya Sharma & Eshaq Ahmad Omarkhail, "**Research constituent, intellectual structure and current trends in environmental sustainability-an analytical retrospective**", Discover Sustainability, Springer Nature, Volume 5, article number 267, 2024.

- **Impact Factor:** 2.4
- **Date of Publication:** 12 September 2024
- **DOI:** https://doi.org/10.1007/s43621-024-00286-3
- **Link:** https://link.springer.com/article/10.1007/s43621-024-00286-3

****

Manoj Kumar Mishra, Chetan Sharma, **Shamneesh Sharma**, Sunil Kumar, Arun Lal Srivastav, **"Exploring Antecedents, Consequences, Research Constituents and Future Directions of Circular Economy: A Predictive Analysis in the Preview of Text Mining"**, Journal of the Knowledge Economy, Springer Nature, 2024.

- **Status:** Published
- **Indexing:** SCOPUS, Web of Science (SSCI)
- **E-ISSN:** 1868-7873
- **Impact Factor:** 4.0
- **Date of Publication:** 20 August 2024
- **DOI:** https://doi.org/10.1007/s13132-024-02184-5
- **Link:** https://link.springer.com/article/10.1007/s13132-024-02184-5

****

Mansi Pandeya, Chetan Sharma, **Shamneesh Sharma**, and Trapty Aggarwal, "**Hybrid Technique of Topic Modelling and Text Summarization: A Case Study on Predicting Trends in Green Computing**" International Journal of Performability Engineering, 2024.

- **Status:** Published
- **Indexing:** SCOPUS (Q3)
- **ISSN:** 2993-8341
- **Impact Factor:** 1.14
- **Date of Publication:** 10 March, 2024
- **DOI:** https://doi.org/10.23940/ijpe.24.03.p2.139148
- **Link:** https://www.ijpe-online.com/EN/10.23940/ijpe.24.03.p2.139148

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Shamneesh Sharma, Arun Malik, Chetan Sharma, Isha Batra, Mahender Singh Kaswan, Jose Arturo Garza-Reyes, **"Industrial Revolution and Smart Farming: A Critical Analysis of Research Components in Industry 4.0"**, TQM Journal, Emerald Publishing Limited, United Kingdom, 2024.

- **Status:** Published
- **Indexing:** SCIE and SCOPUS (Q1)
- **ISSN:** 1754-2731
- **Impact Factor:** 5.85
- **Date of Publication:** 20 May, 2024
- **DOI:** https://doi.org/10.1007/s12008-023-01550-y
- **Link:** https://link.springer.com/article/10.1007/s12008-023-01550-y

****

Shamneesh Sharma and Nidhi Mishra, "**Horizoning Recent Trends in the Security of Smart Cities: Exploratory Analysis using Latent Semantic Analysis**" Journal of Intelligent & Fuzzy Systems, ISSN-1875-8967, IoS Press, Amsterdam, Netherlands, 2023.

- **Status:** Published
- **Indexing:** SCIE, SCOPUS

- **Impact Factor:** 2.1
- **Date of Publication:** 7 November, 2023
- **DOI:** https://doi.org/10.3233/JIFS-235210
- **Link:** https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs235210

****

Hsin-Yuan Chen, Komal Sharma, Chetan Sharma, **Shamneesh Sharma, "Integrating Explainable Artificial Intelligence and Blockchain to Smart Agriculture: Research Prospects for Decision Making and Improved Security"** Computers and Electronics in Agriculture, Smart Agricultural Technology, 2023.

- **Status:** Published
- **Indexing:** SCOPUS, DOAJ
- **ISSN:** 0168-1699
- **Impact Factor:** 6.7
- **Date of Publication:** 1st November, 2023
- **DOI:** https://doi.org/10.1016/j.atech.2023.100350

****

Shamneesh Sharma, Arun Malik, Chetan Sharma, Isha Batra, Mahender Singh Kaswan, Jose Arturo Garza-Reyes, **"Adoption of Industry 4.0 in Different Sectors: A Structural Review using Natural Language Processing"**, Production Planning & Control, Tailor and Fransis, USA, 2023.

- **Status:** Published
- **Indexing:** SCIE and SCOPUS (Q1)
- **ISSN:** 0953-7287
- **Impact Factor:** 6.8
- **Date of Publication:** 7 October, 2023
- **DOI:** https://doi.org/10.1007/s12008-023-01550-y
- **Link:** https://link.springer.com/article/10.1007/s12008-023-01550-y

****

Shamneesh Sharma, Chetan Sharma, Evans Asenso and Komal, **"Research Constituents and Trends in Smart Farming: An Analytical Retrospection from the Lens of Text Mining"** Journal of Sensors, Hindawi, 2023.

- **Status:** Published
- **Indexing:** SCIE, SCOPUS
- **ISSN:** 1687-725X
- **Impact Factor:** 2.137
- **DOI:** https://doi.org/10.1155/2023/6916213
- **Link:** https://www.hindawi.com/journals/js/2023/6916213/

****

Arun Malik, **Shamneesh Sharma**, Isha Batra, Chetan Sharma, Mahender Singh Kaswan, Garza-Reyes, Jose Arturo **"Industrial Revolution and Environmental Sustainability: An Analytical Interpretation of Research Constituents in Industry 4.0"** International Journal of Lean Six Sigma, Emerald, 2023.

- **Status:** Published
- **Indexing:** SCIE, SCOPUS
- **ISSN:** 2040-4166

****

Ganesh Dash, Chetan Sharma and **Shamneesh Sharma**, "**Sustainable Marketing and the Role of Social Media: An Experimental Study using Natural Language Processing (NLP)**", Sustainability, 15(6), 5443, MDPI, 2023.

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Sandeep Singh, Chetan Sharma, Purnima Bali, **Shamneesh Sharma** and Mohd Asif Shah, **"Making Sense of Glass Ceiling: A Bibliometric Analysis of Conceptual Framework, Intellectual Structure and Research Publications**", Cogent Social Sciences, Tailor and Fransis, 2023.

****

Komal, Chetan Sharma, **Shamneesh Sharma** and Evans Asenso, "**Broadening the Research Pathways in Smart Agriculture: Predictive Analysis Using Semi-Automatic Information Modelling**" Advanced Sensor Technologies in Agricultural, Environmental, and Ecological Engineering 2021, Journal of Sensors, Hindawi, 2022.

****

Chetan Sharma, **Shamneesh Sharma** and Sakshi, " **Latent DIRICHLET allocation (LDA) based information modelling on BLOCKCHAIN technology: a review of trends and research patterns used in integration**" Multimedia Tools and Applications, Springer, 2021.

****

Chetan Sharma, Isha Batra, **Shamneesh Sharma,** Arun Malik, A. S. M. Sanwar Hosen and In-Ho Ra, "**Predicting Trends and Research Patterns of Smart Cities: A Semi-Automatic Review using Latent Dirichlet Allocation (LDA)**" IEEE Access, IEEE, USA, 2022.

- **Status:** Published
- **Indexing:** SCIE, IEEE Data Base, SCOPUS
- **ISSN:** 2169-3536
- **Impact Factor:** 3.476
- **DOI:** https://doi.org/10.1109/ACCESS.2022.3214310
- **Availbale at:** https://ieeexplore.ieee.org/document/9917519

****

Sakshi, Chetan Sharma, **Shamneesh Sharma,** Sandeep Kautish, Shami A. M. Alsallami, E.M.Khalil and Ali Wagdy Mohamed, "**A New Median-Average Round Robin Scheduling Algorithm: An Optimal Approach for Reducing Turnaround and Waiting Time**" Alexandria Engineering Journal, Volume 61, Issue 12, Elsevier, 2022

- **Status:** Published
- **Indexing:** Science Citation Index Expanded (Clarivate Analytics), SCOPUS, Web of Science (Clarivate Analytics)
- **Impact Factor:** 3.7
- **DOI:** https://doi.org/10.1016/j.aej.2022.04.006
- **Available At:** https://www.sciencedirect.com/science/article/pii/S1110016822002599

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Sakshi, Chetan Sharma, **Shamneesh Sharma**, Parminder Singh, Ishtiyaq Ahmad Khan, **"Advanced Attendance Management System: Technologies and Applications"** Edelweiss Applied Science and Technology, Volume 5, Issue 1, Edelweiss Publications Inc, USA, 2021
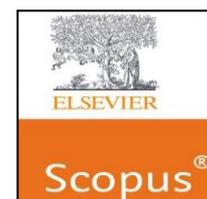
- **Status:** Published
- **Indexing:** SCOPUS, Index Copernicus, Publon, J-Gate
- **Impact Factor:** 1.9
- **DOI:** *https://doi.org/ 10.33805/2576-8484.194*
- **Available At:**
  https://edelweisspublications.com/articles/44/747/advanced-attendance-management-systems-technologies-applications#Automatic

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Shamneesh Sharma, Dr. Manoj Manuja and Keshav Kishore "**Vulnerabilities, Attacks and their Mitigation: An Implementation on Internet of Things (IoT)**" International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN:2278-3075 (Online) Volume-8, Issue-10, Page No.:146-150, August 2019.

- **Status:** Published
- **Indexing:** SCOPUS, Elsevier, DOAJ, Open J-Gate, Google Scholar
- **Impact Factor:** 5.15
- **DOI:** https://doi.org/10.35940/ijitee.F3761.0881019
- **Available At:** https://www.ijitee.org/download/volume-8-issue-10/

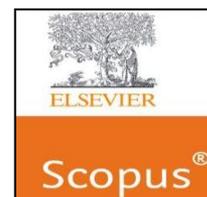***

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- **Indexing:** SCOPUS, Elsevier, UGC, DOAJ, Open J-Gate, Google Scholar
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- **Indexing:** Google Scholar
- **Available at:** http://www.aguijet.com/images/short_pdf/1497353528_Shamneesh_10.pdf

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- **Status:** Published
- **Indexing:** UGC, Thomson Reuter (Researcher ID)
- **Impact Factor:** 3.969
- **Thomson Reuter ID:** http://www.researcherid.com/rid/E-8247-2016

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- **Status:** Published
- **Indexing:** UGC, Thomson Reuter (Researcher ID)
- **Impact Factor:** 3.969
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Keshav Kishore, **Shamneesh Sharma** and Pankaj Kajla, "**Mobile Number Portability in India: Business & Technical Aspects**", International Journal of Computer Trends & Technology (IJCTT), Volume-30, Number-2, December 2015 with ISSN: 2231-2803.

- **Status:** Published
- **Indexing:** Thomson Reuter (Researcher ID), Google Scholar
- **Impact Factor:** 1.4
- **Thomson Reuter ID:** http://www.researcherid.com/rid/L-6633-2016
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- **Status:** Published
- **Indexing:** Thomson Reuter (Researcher ID), UGC, Google Scholar
- **Impact Factor:** 2.5
- **Thomson Reuter ID:** https://www.researcherid.com/rid/D-9502-2016
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Shamneesh Sharma and Nidhi Mishra, "**Integration of Blockchain Technology into Smart Cities for Information Security: Research Constituents and Need of Research**" 7th International Joint Conference on Computing Sciences (ICCS-2023), Lovely Professional University, Punjab India on 05/06/2023, AIP Conference Proceedings, United States, 2025.

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- ↓ **Indexing:** SCOPUS, Web of Science, Google Scholar
- ↓ **Impact Factor:** 0.4
- ↓ **Approximate Date of Publication:** December, 2025

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- **Indexing:** Springer Nature, SCOPUS
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- **Impact Factor:** 1.56
- **Date of Publication:** 20 June, 2025
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- **Indexing:** IEEE Data Base, SCOPUS
- **E-ISBN:** 979-8-3315-8560-0
- **Impact Factor:** 1.87
- **Date of Publication:** 20 June, 2025
- **DOI:** https://doi.org/10.1109/ICDSBS63635.2025.11031606
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- **Indexing:** IEEE Data Base, SCOPUS, IET
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- **Impact Factor:** 1.87
- **Date of Publication:** 4 April 2025
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- **Indexing:** IEEE Data Base, SCOPUS
- **E-ISBN:** 979-8-3503-6472-9
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- **Date of Publication:** 13 March 2025
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- **E-ISBN:** 979-8-3503-5006-7
- **Impact Factor:** 1.96
- **Date of Publication:** 15 January 2025
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- **Impact Factor:** 1.96
- **Date of Publication:** 19 December 2024
- **DOI:** https://doi.org/10.1109/ICIESTR60916.2024.10798388
- **Link:** https://ieeexplore.ieee.org/document/10798388

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Piyush Singh Bora, **Shamneesh Sharma**, Isha Batra, Arun Malik, Farzeen Ashfaq **"Identification and Classification of Rare Medicinal Plants"** 2024 International Conference on Emerging Trends in Networks and Computer Communications (ETNCC), Namibia University of Science and Technology (NUST), Windhoek, Namibia.

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- **E-ISBN:** 979-8-3503-5326-6
- **Impact Factor:** 1.96
- **Date of Publication:** 5 December, 2024
- **DOI:** https://doi.org/10.1109/ETNCC63262.2024.10767446
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Avinash Jha, Shresthi Singh, **Shamneesh Sharma**, Isha Batra, Arun Malik, Saira Muzzaffar, Yadaiah Nirsanametla **"Beyond Traditional Methods: Exploring Deep Learning Techniques for Accurate Traffic Projection"** 2024 International Conference on Emerging Trends in Networks and Computer Communications (ETNCC), Namibia University of Science and Technology (NUST), Windhoek, Namibia.

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- **Indexing:** IEEE Data Base, SCOPUS
- **E-ISBN:** 979-8-3503-7809-2
- **Impact Factor:** 1.96
- **Date of Publication:** 4 November, 2024
- **DOI:** https://doi.org/10.1109/ICEECT61758.2024.10739241
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- **Indexing:** IEEE Data Base, SCOPUS
- **Impact Factor:** 1.96
- **Date of Publication:** 8 February, 2024
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- **Link:** https://ieeexplore.ieee.org/document/10421655
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- **Status:** Published
- **Indexing:** Springer, SCOPUS and Google Scholar, ISI, UGC, Web of Science, MetaPress
- **ISSN:** 978-981-97-0036-3
- **Impact Factor:** 3.8
- **Date of Publication:** 1st September, 2024
- **DOI:** https://doi.org/10.1007/978-981-97-0037-0_15
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Badavath Srikanth, **Shamneesh Sharma**, Ved Prakash Chaubey, Aman Kumar, **"Forecasting the prices using Machine Learning Techniques: Special Reference to Used Mobile Phones"** International Conference on Augmented Intelligence and Sustainable System (ICAISS 2023), Care College of Engineering, Trichy, India.

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- **Impact Factor:** 1.96
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- **Indexing:** IEEE Data Base, SCOPUS
- **Impact Factor:** 1.96
- **DOI:** https://doi.org/10.1109/ICACITE57410.2023.10183099
- **Link:** https://ieeexplore.ieee.org/document/10183099

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Abhishek Thakur, **Shamneesh Sharma** and Tushar Sharma, "**Design of Semantic Segmentation Algorithm to Classify Forged Pixels**" 2023 IEEE 12th International Conference on Communication Systems and Network Technologies (CSNT), IEEE Madhya Pradesh Section as its Flagship and hosted by Technocrats Institute of Technology (Excellence) Bhopal and MIR Labs, Gwalior.

- **Status:** Published
- **Indexing:** IEEE Data Base, SCOPUS
- **Impact Factor:** 1.96
- **DOI:** https://doi.org/10.1109/CSNT57126.2023.10134649
- **Link:** https://ieeexplore.ieee.org/document/10134649

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Chetan Sharma, Sakshi, **Shamneesh Sharma** and Neha Kondal "**Role and Impact of Human Resource Information System (HRIS) on Organizational Activities**" AIP Conference Proceedings, United States, 2023

- **Status:** Published
- **Indexing:** SCOPUS, Web of Science, Google Scholar
- **Impact Factor:** 0.4
- **DOI:** https://doi.org/10.1063/5.0123335
- **Available at:** https://aip.scitation.org/doi/abs/10.1063/5.0123335

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Tushar Sharma, Upinder Kaur and **Shamneesh Sharma** "**Inclusive and Relative Analysis of Nature Inspired Optimization Algorithms in reference to Sworn Intelligence**" 8th International Conference on Signal Processing and Communication (ICSC 2022), Department of Electronics and Communication Engineering, Jaypee Institute of Information Technology, Noida, Noida, U.P., India, 2022.

- **Status:** Published
- **Indexing:** IEEE Data Base, SCOPUS
- **Impact Factor:** 1.96
- **DOI:** https://doi.org/10.1109/ICSC56524.2022.10009248
- **Available at:** https://ieeexplore.ieee.org/document/10009248

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Shamneesh Sharma, Dr. Manoj Manuja, Dr. Purnima Bali, Dr. Sujata Bali and Chetan Sharma "**Online Education System in the age of Pandemics: A Statistical Analysis of Current**

Covid-19 to the Teaching and Learning Pedagogies in India", AIP Conference Proceedings, United States, 2022.

- **Status:** Published
- **Indexing:** SCOPUS, Web of Science, Google Scholar
- **Impact Factor:** 0.4
- **DOI:** https://doi.org/10.1063/5.0095195
- **Available at:** https://aip.scitation.org/doi/abs/10.1063/5.0095195

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Shamneesh Sharma, Dr. Manoj Manuja, Digvijay Puri and Ajay Kumar, "**Secure and Efficient Bandwidth Management for Local and Personal Area Networks using customized open source application on a commodity hardware: RadSense- an integration of pfSense over Radius and MySQL**"Advances in Science, Technology & Innovation, Springer, Singapore, 2021.

- **Status:** Published
- **Indexing:** Springer, WoS, SCOPUS and Google Scholar
- **Impact Factor:** 2.9
- **DOI:** https://doi.org/10.1007/978-3-030-66218-9_44
- **Available At:** https://link.springer.com/book/10.1007/978-3-030-66218-9

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Shamneesh Sharma, Dr. Manoj Manuja and Digvijay Puri, "**Performance Analysis of Commodity Server with Freeware Remote Terminal Application in a Heterogeneous Mutli-Computing Environment**" Springer Nature: Lecture Notes Series in Electrical Engineering, Springer, Singapore, 2021.

- **Status:** Published
- **Indexing:** Springer, SCOPUS and Google Scholar, ISI, UGC, Web of Science, MetaPress
- **Impact Factor:** 3.8
- **DOI:** https://doi.org/10.1007/978-981-15-8297-4_1
- **Available At:** https://www.springer.com/gp/book/9789811582967

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Shamneesh Sharma, Dr. Manoj Manuja and Keshav Kishore,"**Node Level Self-Adaptive Network Path Restructuring Technique for Internet of Things (IoT)**" Springer Nature: Advances in Intelligent Systems and Computing, Springer, Singapore, 2020.

- **Status:** Published
- **Indexing:** Springer, SCOPUS, Thomson Reuters and Google Scholar
- **Impact Factor:** 4.9
- **DOI:** https://doi.org/10.1007/978-981-13-8618-3_48
- **Available At:** https://link.springer.com/book/10.1007/978-981-13-8618-3

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Sandeep Singh, **Shamneesh Sharma**, Chetan Sharma and Neeraj Kumar Verma, "**Re-Learning Emotional Intelligence through Artificial Intelligence**", 2021 9th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO) Organized by Amity University, Noida, Uttar Pradesh, India on 3rd and 4th September, 2021.

- **DOI:** 10.1109/ICRITO51393.2021.9596091

- **Indexing:** IEEE Data Base, SCOPUS
- **Impact Factor:** 10.96
- **Available At:** https://ieeexplore.ieee.org/document/9596091

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Chetan Sharma, **Shamneesh Sharma,** Mukesh Kumar and Ankur Sodhi**, "Early Stroke Prediction using Machine Learning"** 2022 International Conference on Decision Aid Sciences and Applications (DASA), Mae Fah Laung University, Thailand, 2022.

- **Status:** Published
- **Indexing:** IEEE Data Base, SCOPUS
- **Impact Factor:** 1.96
- **DOI:** https://doi.org/10.1109/DASA54658.2022.9765307
- **Available at:** https://ieeexplore.ieee.org/document/9765307

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Mukesh Kumar, Chetan Sharma, **Shamneesh Sharma,** Nidhi Walia and Nazrul Islam **"Analysis of Feature Selection and Data Mining Techniques to Predict Student Academic Performance"** 2022 International Conference on Decision Aid Sciences and Applications (DASA), Mae Fah Laung University, Thailand, 2022.

- **Status:** Published
- **Indexing:** IEEE Data Base, SCOPUS
- **Impact Factor:** 1.96
- **DOI:** https://doi.org/10.1109/DASA54658.2022.9765236
- **Available at:** https://ieeexplore.ieee.org/document/9765236

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Shamneesh Sharma, Dinesh Kumar and Sonit Singh, "**Enhanced Reliable Distributed Energy Efficiency Protocol for WSN**", IEEE Computer Society sponsored International Conference on Communication Systems and Network Technologies, 2011 organized by Shri Mata Vaishno Devi University (SMVDU) Katra, Jammu, India.

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- **Indexing:** IEEE Data Base, SCOPUS
- **Impact Factor:** 10.96
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International Conference Proceedings (Non-Indexed) || 3 Publications

Pathan Amaan Khan, **Shamneesh Sharma**, Ishtiyaq Ahmad Khan and Parminder Singh, **"Image Detection based technique for shutting down the Applications opened in Windows Operating Environment"** in the Yogananda International Conference on Contemporary Issues in Social Sciences (YICCISS-2021), organized Faculty of Management Sciences and Liberal Arts, Shoolini University, Solan (H.P.) India on 20th and 21st February, 2021.

- **DOI:** 10.52416/eureka.2021.1.1.p01-312
- **Indexing:** Google Scholar
- **Available At:** http://eurekajournals.com/Contemporary_Issues_in_Social_Sciences.pdf

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Shamneesh Sharma and Keshav Kishore, "**Data Dissemination Algorithm using Cloud Services: A Proposed Integrated Architecture Using IoT**" in the 2nd International Conference on Innovative Research in Engineering Science and Technology (IREST-2017),

sponsored by Department of Science & Technology organized by Eternal University, Baru Sahib, Sirmour (H.P.) India on 7th and 8th April, 2017.

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Shamneesh Sharma, Sonit Singh and Dinesh Kumar, "**Sequence Secure Mechanism against Black Hole Attack in Mobile Adhoc Networks** International Conference on Emerging Trends in Engineering and Technology, 2011 organized by Geeta Institute for Management and Technology, Kurukshetra, Haryana, India.

National Conference Proceedings (Non-Indexed) || 5 Publications

Shamneesh Sharma, Vandana Chaudhary and Pankaj Kajla, "**Review on Recent advancements in WSN (Wireless Sensor Networks) Technologies**" National Conference on Recent Trends in Computing, Information & Applications held on 24th May, 2014 at Sri Sai University, Palampur (H.P.) India.

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Shamneesh Sharma, Robin Prakash Mathur and Vinod Kumar, "**Reliable Distributed Energy Efficiency Protocol for Wireless Sensor Networks**", National Conference on Next Generation Computing and Information Security, 2011 organized by Institute of Management Studies, Noida, U.P. India.

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Shamneesh Sharma, Sonit Singh and Gaurav Sharma, "**Secure Efficient Management of Resources in Local and Wide Area Networks**", National Conference on Challenges in Information Systems and Technology organized on 9th September, 2011 by Apeejay School of Management, New Delhi, India.

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Shamneesh Sharma, Vandana Chaudhary and Gaurav Sharma, "**Energy Efficient Secure Scheme for Data Aggregation in Wireless Sensor Networks**", National Conference on Information and Network Technology organized by Northern India Engineering College, New Delhi, India.

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Book Chapters || 14 Publications

Ajay Sharma, Shashi Kala, Gaurav Gupta, **Shamneesh Sharma**, Varun Jaiswal, "**Application and Challenges of Machine Learning in Healthcare**, Data Modelling and Analytics for the Internet of Medical Things by Taylor and Francis, 2023.

- ✦ **Status:** Accepted for Publication
- ✦ **Indexing:** SCOPUS
- ✦ **Impact Factor:** 1.8
- ✦ **Approximate Date of Publication:** September, 2025

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Anubhav Anand, Vishal Anand, Ajay Sharma, **Shamneesh Sharma**, Aman Kumar, "**A Comprehensive Approach of Machine Learning, Deep Learning in Healthcare**",

Mobile Health: Advances in Research and Applications, Volume 3, Nova Science Publishers, Inc, 2023.

- ➕ **Status:** Accepted for Publication
- ➕ **Indexing:** SCOPUS
- ➕ **Impact Factor:** 1.6
- ➕ **Approximate Date of Publication:** November, 2025

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Vajrala Ruksana, Guntumadugu Venkata Sravan, Devendra Babu Paserlanka, Ajay Sharma, **Shamneesh Sharma** "**Ethical Considerations and Regulatory Compliance in AI Driven Diagnostics**", Adversarial Deep Generative Techniques for Early Diagnosis of Neurological Conditions and Mental Health Practices, Information Systems Engineering and Management, Springer Nature, 2025.

- ➕ **Status:** Published
- ➕ **Indexing:** Scopus
- ➕ **E-ISSN:** 978-3-031-91146-0
- ➕ **Date of Publication:** 16 July, 2025
- ➕ **DOI:** https://doi.org/10.1007/978-3-031-91147-7_5
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Sahithi Dabbula, Devendra Babu Paserlanka, Ajay Sharma, Guntumadugu Venkata Sravan & **Shamneesh Sharma** "**Contactless Human Sensing Using Wireless Signals for Personalized Biomedical and Healthcare**", Adversarial Deep Generative Techniques for Early Diagnosis of Neurological Conditions and Mental Health Practices, Information Systems Engineering and Management, Springer Nature, 2025.

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Shamneesh Sharma, Sujata Bali, Vikas Verma, Purnima Bali "**Technical and Socio- Legal Aspects of Smart Governance in the Context of Indian Bureaucracy**", Startup-Driven E-Government: Digital Innovation for Sustainable Ecosystems, 2025, IGI Global.

- ➕ **Status:** Published
- ➕ **Indexing:** Scopus
- ➕ **E-ISSN:** 979-8-337-30819-7
- ➕ **Date of Publication:** 30 April, 2025
- ➕ **DOI:** http://dx.doi.org/10.4018/979-8-3373-0817-3.ch020
- ➕ **Link:** https://www.igi-global.com/chapter/technical-and-socio-legal-aspects-of-smart-governance-in-the-context-of-indian-bureaucracy/381264

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Shamneesh Sharma, Neha Kumra, Meghna Luthra, Vikas Verma, Komal Sharma "**Future Research Directions: Explainable Artificial Intelligence in Healthcare Industry**" Explainable Artificial Intelligence in the Healthcare Industry, (423–450), 2025 Scrivener Publishing LLC.

- ➕ **Status:** Published

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Komal, Ganesh K. Sethi, **Shamneesh Sharma**, Rajender Kumar "Explainable AI in Medical Imaging, Personalized Medicine, and Bias Reduction: A New Era in Healthcare" Explainable Artificial Intelligence in the Healthcare Industry, (423–450), 2025 Scrivener Publishing LLC.

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Ajay Sharma, Devendra Babu Pesarlanka, **Shamneesh Sharma**, **"Integrating Machine Learning, Artificial Intelligence, Deep Learning, and IoT in Remote Patient Monitoring"** Future Innovations in the Convergence of AI and Internet of Things in Medicine, IGI Global, 2025.

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Ajay Sharma, Devendra BABU Pesarlanka, **Shamneesh Sharma "Harnessing Machine Learning and Deep Learning in Healthcare From Early Diagnosis to Personalized Treatment: Comprehensive Approach of Deep Learning In Healthcare"** AI-Driven Innovation in Healthcare Data Analytics, IGI Global, 2025.

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Ajay Sharma, Shashi Kala, Aman Kumar, **Shamneesh Sharma**, Gaurav Gupta, Varun Jaiswal, **"Deep Learning in Genomics, Personalized Medicine and Neurodevelopmental Disorders"**, Intelligent Data Analytics for Bioinformatics and Biomedical Systems, Sustainable Computing and Optimization, Wiley, 2024.

🞤 **Link:** https://onlinelibrary.wiley.com/doi/abs/10.1002/9781394270910.ch10

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Shamneesh Sharma, Ajay Sharma, Aman Kumar, Tushar Sharma, **"Deep Learning Techniques to Ensure Security and Privacy in Cloud-Based E-Health Systems"**, Green AI-Powered Intelligent Systems for Disease Prognosis, IGI Global, 2024.

🞤 **Status:** Published
🞤 **Indexing:** SCOPUS
🞤 **ISBN:** 9798369312438
🞤 **Impact Factor:** 1.1
🞤 **Date of Publication:** 25 August 2024
🞤 **DOI:** https://doi.org/10.4018/979-8-3693-1243-8.ch015
🞤 **Link:** https://www.igi-global.com/chapter/ensuring-security-and-privacy-in-cloud-based-healthcare-information-systems-using-deep-learning-techniques/354906

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Satya Reddy Satti, Jaswanth Singh Kumar Lankadasu, Nagubandi Veera Venkata Varshith, Ajay Sharma, **Shamneesh Sharma**, **"Bioengineering and Healthcare Data Analysis: Introduction, Advances, and Challenges"**, Green AI-Powered Intelligent Systems for Disease Prognosis, IGI Global, 2024.

🞤 **Status:** Published
🞤 **Indexing:** SCOPUS
🞤 **ISBN:** 9798369312438
🞤 **Impact Factor:** 1.1
🞤 **Date of Publication:** 25 August 2024
🞤 **DOI:** https://doi.org/10.4018/979-8-3693-1243-8.ch001
🞤 **Link:** https://www.igi-global.com/chapter/bioengineering-and-healthcare-data-analysis/354892

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Naga Venkata Yaswanth Lankadasu, Devendra Babu Pesarlanka, Ajay Sharma, Shamneesh Sharma, **"Security Aspects of Blockchain Technology"**, *Driving Transformative Technology Trends With Cloud Computing,* edited by Saikat Gochhait, IGI Global, 2024, pp. 259-277.

🞤 **Status:** Published
🞤 **Indexing:** SCOPUS, Web of Science
🞤 **ISBN:** 9798369328699
🞤 **Impact Factor:** 1.24
🞤 **Date of Publication:** 9 August, 2024
🞤 **DOI:** https://doi.org/10.4018/979-8-3693-2869-9.ch014
🞤 **Link:** https://www.igi-global.com/gateway/chapter/353360

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Manik Gupta, **Shamneesh Sharma**, Sakshi and Chetan Sharma, "**Security and Privacy Issues in Blockchained IoT: Principles, Challenges and Counteract Actions**" Blockchain Technology: Exploring Opportunity, Challenges and Applications, CRC Press, Taylor and Francis Group, 2022.

🞤 **Status:** Published
🞤 **Indexing:** SCOPUS, Compendex (Elsevier Engineering Index)

- **DOI:** https://doi.org/10.1201/9781003138082-3
- **Available At:**
  https://www.taylorfrancis.com/chapters/edit/10.1201/9781003138082-3/security-privacy-issues-blockchained-iot-manik-gupta-shamneesh-sharma-sakshi-chetan-sharma

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Dr. Sujata Bali and **Shamneesh Sharma**, "**Anticipating Legal Issues associated with the Cyber Security and Privacy of Automated Driving Systems (ADS) in India**" Autonomous Driving and Advanced Driver-Assistance Systems (ADAS): Applications, Development, Legal Issues and Testing, CRC Press, Taylor and Francis Group, 2021.

- **Status:** Published
- **Indexing:** SCOPUS, Compendex (Elsevier Engineering Index)
- **DOI:** https://doi.org/10.1201/9781003048381-20
- **Available At:**
  https://www.routledge.com/Autonomous-Driving-and-Advanced-Driver-Assistance-Systems-ADAS-Applications/Joseph-Mondal/p/book/9780367499747

Research Paper Presentations

International Conferences & Seminars || 9 Presentations

Paper presented on the topic **Cloud Computing Platforms: A Comprehensive and Comparative Analysis of Microsoft Azure, Amazon Web Services and Google Cloud Platform** in the International Conference on Recent Advancements in Computer Science and Engineering (ICRACSE-2021) Organized by Poornima University, Jaipur, India on 29 June - 30 June, 2021.

****

Paper presented on the topic **Secure and Efficient Bandwidth Management for Local and Personal Area Networks using customized open source application on a commodity hardware: RadSense- an integration of pfSense over Radius and MySQL** in the International Conference on Innovations in Information and Communication Technologies (IICT-2020) held online on 7th-8th November, 2020.

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Paper presented on the topic **Performance Analysis of Commodity Server with Freeware Remote Terminal Application in a Heterogeneous Mutli-Computing Environment** in the 3rd International Conference on Recent Innovations in Computing (ICRIC-2020) organized by Department of Computer Science & Information Technology, Central University of Jammu on 20th-21st March, 2020.

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Paper presented on the topic **Node Level Self-Adaptive Network Path Restructuring Technique for Internet of Things (IoT)** in the International Conference on Intelligent Communication Control and Devices (ICICCD-2018) organized by Department of Electronics and Instrumentation Engineering, University of Petroleum & Energy Studies, Dehradun.

****

Paper presented on the topic **Comparative study of different types of Feature Extraction algorithms and Classifiers used in FER System**in the International Conference on Recent Trends in Automation (ICRTA-2018) organized by Vasireddy Venkatadri Institute of Technology (VVIT), Guntur, Andhra Pradesh in association with Institute for Engineering Research and Publication (IFERP).

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Paper presented on the topic **Cyber Attacks and their Mitigation: A Review on Cyber Security of Internet of Things (IoT)** in the International Conference on Recent Advances and Research Innovations in Engineering and Technology (RARIET-2017), organized by Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.).

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Paper presented on the topic **Data Dissemination Algorithm using Cloud Services: A Proposed Integrated Architecture Using IoT** in the 2nd International Conference on Innovative Research in Engineering Science and Technology (IREST-2017), organized by Eternal University, Baru Sahib, Sirmour (H.P.) India.

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Paper presented on the topic **Enhanced Reliable Distributed Energy Efficiency Protocol for WSN** at International Conference on Communication Systems and Network Technologies, 2011organized by Shri Mata Vaishno Devi University (SMVDU) Katra, Jammu, India.

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Paper presented on the topic **Sequence Secure Mechanism against Black Hole Attack in Mobile Adhoc Networks** at International Conference on Emerging Trends in Engineering and Technology, 2011 organized by Geeta Institute for Management and Technology, Kurukshetra, Haryana, India.

National Conferences & Seminars

Paper presented on the Topic **Internet of Things: A Review on Vulnerabilities and Security Measures** at 2nd Himachal Pradesh Science Congress organized by Himachal Pradesh Council for Science, Technology and Environment (HIMCOSTE), Shimla on 20th and 21st November, 2017.

Link of Souvenir: https://himcoste.hp.gov.in/HIMCOSTE%20Pdf/Abstract%20Souvenir.pdf

****

Paper presented on the topic **Internet of Things (IoT): A Review of Integration of Precedent, Existing & Inevitable Technologies** at National Conference on Changing Trends, Futures Challenges and Innovations in Science & Technology held on 25th and 26th May, 2017 organized by the School of Technology & Sciences, Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.).

****

Paper presented on the topic **Influence of Computer & Information Technology in the Emerging Trends of Modern Media & Journalism** at National Seminar on 'Media & Regulation: A Critical Analysis on 29th January, 2016 organized by the School of Mass Communication (SOMC), IMS Unison University, Dehradun.

****

Paper presented on the topic **Review on Recent advancements in WSN (Wireless Sensor Networks) Technologies** in National Conference on Recent Trends in Computing, Information & Applications on 24th May, 2014 at Sri Sai University, Palampur (H.P.) India.

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Paper presented on the topic **Secure Efficient Management of Resources in Local and Wide Area Networks**at National Conference on Challenges in Information Systems and Technology, 2011 organized by Apeejay School of Management, New Delhi, India.

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Paper presented on the topic **Energy Efficient Secure Scheme for Data Aggregation in Wireless Sensor Networks** at National Conference on Information and Network Technology organized by Northern India Engineering College, New Delhi, India.

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Paper presented on the topic **DIP Based Model on Wireless Sensor Network** at PTU Sponsored National Conference on Recent Advancement & Innovations in Science and Engineering, 2012 organized by Guru Ram Dass Institute Engineering and Technology, Bathinda, Punjab, India.

Regional Seminars || 3 Presentations

Paper presented on the topic **Ethical Values of Information Technology: Critical Study of Information Ethics, Netiquettes & Cyberethics** at Regional Seminar- 2015 on "Crisis of Values in Contemporary India and the role of Youth" organized by School of Legal Studies & Research- Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.)

****

Paper presented on the topic **Plagiarism: Deterioration of Academic Morale Values** Seminar- 2015 on Crisis of Values in Contemporary India and the role of Youth" organized by School of Legal Studies & Research- Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.)

****

Paper presented on the topic **Gender positioning in Information Society** at Regional Seminar- 2014 on "Socio-Legal Challenges in the Implementation of Laws in Pertaining Girl Child" organized by School of Legal Studies & Research- Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.)

Conference Participation (As Listener) (04)

- Participated in the online Global HR Conclave- **Managing Through Crisis**: **How Tough Times Create the need for Great People Managers** organized by iNurture Education Solutions on 5th September, 2020.

- Participated in the online conference- **Reboot: Reimagining Higher Education in a New Normal** organized by iNurture Education Solutions on 13th June, 2020.

- Participated in the online conference- Global Edition "**Innovate**" organized by Amazon Web Services on 19th July, 2020.

- Participated in the online conference- Global Edition "**Innovate**" organized by Amazon Web Services on 18th July, 2019.

Articles in News Papers and Magazines (05)

Article published on the topic **Tracking the Students in Virtual Classrooms: A Challenge of Education Eco-System during the Lockdown Scenario in India** in the **Research**

Magazine Vol 2 - Issue 1; August 2020 published by **iNurture Education Solutions, Bangalore India.**

****

Articles published on various topics related to the field of Computer Science & Information Technology in the Local Hindi News Paper of Himachal Pradesh **Prachand Samay.**

****

Article published in the University Magazine of Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.) on the topic "**Digital India: A Road Map to our Prosperous Country**".

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Article published in the News Letter of Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.) on the topic "**Role of Integration in reducing the Size of Computer**".

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Article accepted in the International publication named INTECH from Egypt on the topic "**Energy Efficiency in Wireless Sensor Networks**".

Centre of Excellence

Developed Centre of Excellence- Machine Learning Applications for Society at Poornima University, Jaipur, INDIA.

Reference:https://www.poornima.edu.in/wp-content/uploads/2019/12/Final%20Report%20on%20Centre%20of%20Excellence.pdf

Certifications and Courses through MOOCs

Certification Course on **Foundations of Operationalizing MITRE and ATTACK** from AttackIQ online Academy

- **Validity:** Lifetime
- **Reference:**https://www.credly.com/badges/e31cefa5-34d4-4abe-a242-69edf680f02b?source=linked_in_profile

Certificate Course on **BlockChain Basics** offered by Great Learning on 17/11/2021.

- **Validity:** Lifetime
- **Reference:** https://olympus.greatlearning.in/courses/13502/certificate

Certificate Course on **Computer Architecture- Measures for Design and Analysis** offered by Udemy on 30/12/2020.

- **Validity:** Lifetime
- **Reference:** https://www.udemy.com/course/computer-architecture-measures/

Fortinet's **Network Security Expert Certification (Network Security Associate-Level2)** offered by NSE Institute on 21/05/2020

- **Validity:** 2 Year || **Certificate No.:**pY2U75bnWw
- **Reference:** https://training.fortinet.com/local/staticpage/view.php?page=nse_2

Fortinet's **Network Security Expert Certification (Network Security Associate-Level1)** offered by NSE Institute on 21/05/2020

- **Validity:** 2 Year || **Certificate No.:**q2HChLV8Aw

- **Reference:** https://training.fortinet.com/local/staticpage/view.php?page=nse_1

Online non-credit course in **Cloud Computing Basics (Cloud 101)** authorized by LearnQuest and offered through Coursera on 06/05/2020

- **Validity:** Lifetime || **Certificate No.:**FKXPYXLXHYXF
- **Reference:** https://www.coursera.org/account/accomplishments/verify/FKXPYXLXHYXF

Certificate Course in **Introduction to Blockchain** offered by upGrad on 24/04/2020

- **Validity:** Lifetime
- **Reference:** https://www.credential.net/045298f8-2184-45c3-a0e9-f27019ca2a30

Certificate Course in **How to Prevent DDoS Attacks: A Course for Beginners** provided by BitDegree on 24/04/2020.

- **Validity:**Lifetime || **Certificate No.:**2690812
- **Reference:** https://www.bitdegree.org/user/course/how-to-prevent-ddos-attacks

Certificate Course in **Build a VMware Home Lab From Scratch** provided by BitDegree on 24/04/2020.

- **Validity:** Lifetime || **Certificate No.:** 2690406
- **Reference:** https://www.bitdegree.org/user/course/vmware-home-lab

Certificate Course in **Introduction to Cybersecurity** provided by Cisco Networking Academy on 24/04/2020.

- **Validity:** Lifetime || **Certificate No.:** NGHADJF5LJQ2
- **Reference:** https://www.netacad.com/courses/security/introduction-cybersecurity

Online non-credit course in **Cybersecurity and the Internet of Things** authorized by University System of Georgia and offered through Coursera on 24/04/2020

- **Validity:** Lifetime || **Certificate No.:** NGHADJF5LJQ2
- **Reference:** https://www.coursera.org/account/accomplishments/verify/NGHADJF5LJQ2

Certificate Course in **Cyber Security** offered by Amity Future Academy on 12/04/2020

- **Validity:** Lifetime || **Certificate No.:** pjeJ8vWfMQ
- **Reference:** https://amityfutureacademy.com/Home/app/

Certificate Course in **Blockchain Technology & Management** offered by Amity Future Academy on 12/04/2020

- **Validity:** Lifetime || **Certificate No.:**QbVuyGNWop
- **Reference:** https://amityfutureacademy.com/Home/app/

Certificate Course on **Introduction to Cloud (CC0101EN)** which is an online course on Cognitive Class provided by IBM Developers Skill Network on 09/04/2020.

- **Validity:** Lifetime || **Certificate No.:**207e0c42e5294d6c941d3df6c3f3d86c
- **Reference:** https://www.courses.cognitiveclass.ai

Certificate Course on **Azure** from GUVI Platform on 28/03/2020.

- **Validity:**Lifetime || **Certificate No.:** M6810IH3595608NE5U
- **Reference:** https://www.guvi.in/courses-video?course=azure_step_by_step_english

Certificate Course on **AWS (English)** from GUVI Platform on 28/03/2020.

- **Validity:** Lifetime || **Certificate No.:**VMVQ8331572982U5F3
- **Reference:** https://www.guvi.in/courses-video?course=aws_en

Certificate Course on **Introduction to Decentralized Applications- The Mega Course** offered by the Blockchain School on 18/03/2020.

- **Validity:**Lifetime
- **Reference:** https://theblockchainschool.io/courses/introduction-to-dapps/

Certificate Course on **Blockchain Essence- The Mega Course** offered by the Blockchain School on 18/03/2020.

- **Validity:** Lifetime
- **Reference:** https://theblockchainschool.io/courses/blockchain-essence/

Certificate Course on **Internet of Things (IoT)- The Mega Course** offered by Udemy on 12/03/2020.

- **Validity:** Lifetime
- **Reference:** https://www.udemy.com/course/internet-of-things-the-mega-course

Certificate Course on **Understanding Open Educational Resources** offered by the Commonwealth of Learning, Cananda on 05/03/2020.

- **Validity:** Lifetime
- **Reference:**https://learnoer.col.org

Certificate Course on **Google Analytics 360** from **Google Analytics Academy** platform in the Year 2019.

- **Validity:** 3 Years (14/12/2019-14/12/2022)

Certificate Course on **Google Analytics Individual Qualification** from **Google** platform in the Year 2019.

- **Validity:** 13/12/2019-13/12/2020

Certificate Course on Virtualization for Beginner from **VMWare IT Academy** in the Year 2019.

- **Validity:** Lifetime

Certificate Course in Advanced Google Analytics from **Google Analytics Academy.**

- **Validity:**3 Years(*21/11/2019-21/11/2022)*

Certificate Course in Google Analytics for Beginners from **Google Analytics Academy.**

- **Validity:** 3 Years (*06/12/2019-06/12/2022)*

Certificate Course on Digital Marketing from **Google Digital Unlock** platform in the Year 2018.

- **Validity:** Lifetime

Online Trainings through MOOCs

- Completed Online Training on **The Threat Landscape** from Fortinet's NSE Institute on 21st May, 2020.

- Completed Online Training on **E-Content Development** from International Institute of Organized Research (I2OR) Academy on 12th May, 2020.

- Completed Online Training on **How to Conduct Evidence-based Research** from Researcher Academy- Elsevier on 18th April, 2020.

- Completed Online Training on **Introduction to the Certified Peer Reviewer Course** from Researcher Academy- Elsevier on 18th April, 2020.

- Completed Online Training on **How to Peer Review a Review Article** from Researcher Academy- Elsevier on 18th April, 2020.

- Completed Online Training on **How to Review a Manuscript** from Researcher Academy- Elsevier on 18th April, 2020.

- Completed Online Training on *Common ICS Components* from National Cyber Security and Communications Integration Center for Industrial Control Systems U.S. Department of Homeland Security on 3rd March, 2020.

- Completed Online Training on *ICS Cyber Security Landscapes* from National Cyber Security and Communications Integration Center for Industrial Control Systems U.S. Department of Homeland Security on 3rd March, 2020.

- Completed Online Training on *Attack Methodologies in IT and ICS* from National Cyber Security and Communications Integration Center for Industrial Control Systems U.S. Department of Homeland Security on 3rd March, 2020.

Content Curation (05)

- The content developed for the Course on **Cloud Web Services** for the BCA and B. Tech Cloud Specialized Programme designed by iNurture Education Solutions, Bangalore for various University Partners in the Academic Year 2020-21.

- The content developed for the Course on **Automation and Configuration Management using PowerShell** for the MCA Programme designed by iNurture Education Solutions, Bangalore for various University Partners in the Academic Year 2020-21.

- The content developed for the Course on **IT Fundamentals** for the Certification Programme designed by iNurture Education Solutions, Bangalore for ITM University Varodara in the Academic Year 2020-21

- The content developed for the Course on **Information Technology Infrastructure Libraries** for the preplacement activities conducted by iNurture Education Solutions, Bangalore for the Academic Year 2020-21

- The content developed for the Course **Cloud Storage Fundamentals** for the preplacement activities conducted by iNurture Education Solutions, Bangalore for the Academic Year 2020-21

Dissertations Guided (04)

- Guiding Research Project as Co-Guide on the Topic "**Comparative Analysis of International Business Strategies before and after the Implementation of Internet of Things**" done by 2nd Year Student "Mr. Esahq Ahmad" of MBA (IT), Batch 2017-2019 of Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.) India

- Guided Dissertation on the topic "**Comparative study of different types of Feature Extraction algorithms and Classifiers used in FER System**" done by 2nd Year Student "Ms. Trina Dass" of M. Tech (CSE), Batch 2015-2017 of Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.) India

- Guided Dissertation as Guide on the topic "**Classification of Data Stream using K Nearest Neighbour Approach**" done by 2nd Year Student "Ms. Tanuj Kashyap" of M. Tech (CSE), Batch 2015-2017 of Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.) India

- Guided Dissertation as External Guide on the topic "**Content Based Image Retrieval by using Data Mining Techniques**" done by 2nd Year Student "Ms. Gaganmala" of M. Tech (CSE), Batch 2014-2016of Indus International University, Una (H.P.) India.

Key IT Projects Accomplished (04)

- Architect the Software "**AGU Chat**" which is an Artificially Intelligent CHATBOT System and generates automatic responses to the client.

- Designed the website for "**Exam Appear**" which is a venture of Alakh Prakash Goyal (APG) Shimla University, Shimla. Project was funded by A P Goyal Charitable Trust.

- Designed the project on the website of International Conference on "**Multidisciplinary Research, Practices & Studies (ICMRPS-2017)**" funded by A P Goyal Charitable Trust.

- Designed the website of International Conference on "**Recent Advances and Research Innovations in Engineering and Technology (RARIET-2017)**" Project was funded by A P Goyal Charitable Trust.

Online Examination Projects (07)

- **Online Examination Project** (On 1st July, 2018) as Test Centre Administrator (System & Hardware Support) for Army Institute of Law-Law Entrance Test (2018), India in association with Tata Consultancy Services, Chandigarh.

- **Online Examination Project** (From 18th May, 2018- 25th May, 2018) as Project Lead (System & Hardware Support) for Comptroller and Auditor General of India in association with Manavi Consultancy, Chandigarh.

- **Online Examination Project** (From 6th October, 2017- 14th October, 2017) as Project Lead (System & Hardware Support) for Controller and Auditor General of India in association with Manavi Consultancy, Chandigarh.

- **Online Examination Project** (From 4th June, 2016- 6th June, 2016)as Head (Hardware and Network Support) for Short Service Commission, Government of India in association with Stellaredge Solutions Pvt. Ltd.

- **Online Examination Project** (From 21st September, 2016- 28th September, 2016) as Project Lead (System & Hardware Support) for Comptroller and Auditor General of India in association with Manavi Consultancy, Chandigarh.

- **Online Examination Project** (From 13th May, 2016- 29th May, 2016) as Team Lead (Hardware and Network Support), Shimla Region for Indian Institute of Banking & Finance in association with Siffy Technologies, Chandigarh.

- **Online Examination Project** (From 28th November, 2015- 29th November, 2015) as Team Lead (Hardware and Network Support) Shimla Region for NISM in association with Siffy Technologies, Chandigarh.

Awards (09)

- **Top Performer** and **Most Valuable Player** (**MVP**) **Team Delivery Winner** for Q3 (2024–25) **at** upGrad Education Private Limited.

- **Skyward Award** at upGrad Education Private Limited for excellent commitment and continuous contribution during August, 2024.

- **Star of upGrad Campus Award** for excellent commitment and continuous contribution during October-December, 2023.

- **Best Paper Presentation Award** for presenting a paper on the topic Integration of Blockchain Technology into Smart Cities for Information Security: Research Constituents and Need of Research in the 7th International Joint Conference on Computing Sciences (ICCS-2023), Lovely Professional University, Punjab, India on 05/06/2023,

- **Best Idea Presentation Award** for presenting a patent Idea on IoT based Wheelchair in the Conference on Intellectual Property Rights in Science and Technology-2022 organized by Chitkara University, Himachal Pradesh in collaboration with the Himachal Pradesh Council for Science, Technology and Environment (HIMCOSTE) and the Indian Society of Remote Sensing (ISRS).

- **Achiever of the Months** (January and February 2021) for contribution in Academics, Administration and Research under the Achievers Creating Excellence (ACE) Programme of iNurture Education Solutions, Bangalore, Karnataka, India.

- **Performance Excellence Award 2017** in the field Information Technology at Alakh Prakash Goyal (APG)Shimla University, Shimla (H.P.).

- **I2OR Bright Educator Award 2017** for Contribution in the field of Computer Networks and Wireless Networks given by International Institute of Organized Research.
  Reference: http://www.i2or.com/list-of-awardees.html

- **Green ThinkerZ –Bright Researcher Award- 2016** for Contribution in the field of Information Technology at the International Conference on Interdisciplinary Research for Sustainable Development (IRSD – 2016) to be held at NITTTR, Chandigarh, India on 1st& 2nd December 2016.
  Reference: http://www.greenthinkerz.org/irsd-awards-2016.html

- **Best Faculty Award** in the Year 2015 in the School of Technology & Sciences at Alakh Prakash Goyal (APG) Goyal Shimla University, Shimla presented by His Excellency Governor of Himachal Pradesh Acharya Devvrat.
  Reference:http://himachalpr.gov.in/OneNews.aspx?Language=1&ID=2027

Projects Guided (06)

- Guided a Project on the topic "**University Management System**" done by 3rd Year Student "Ms. Pooja Thakur" of MCA of Regional Centre, Shimla accredited by Indira Gandhi National Open University (IGNOU).

- Guided a Project on the topic "**E-Learning System**" done by 2nd Year Student "Ms. Monika Dhamseth" of MCA of Regional Centre, Shimla accredited by Indira Gandhi National Open University (IGNOU).

- Project on "**Smart Library Management System**" done by 3rd Year Student "Ms. Depika Thakur" MCA of Regional Centre, Shimla accredited by Indira Gandhi National Open University (IGNOU).

- Live Project on official website of Regional Seminar on "**Crisis of Values in Contemporary India and the Role of Youth <www.aguseminar.tk>**" done by 2nd Year Students of Alakh Prakash Goyal (APG) Shimla University, Shimla.

- Live Project on "Official website of **IAS Academy** <www.aguiasacademy.com>" done by 3rd Year Students of Alakh Prakash Goyal (APG) Shimla University, Shimla.

- Live project on "Official website of **Alakh Prakash Goyal (APG) Shimla University** <www.agu.edu.in> done by 4th Year Students of Alakh Prakash Goyal (APG) Shimla University, Shimla.

External Practical Duties (03)

- Invited as External Examiner to conduct the Viva-Voce Examination of MCA Students at the School of Computer Science and Information Technology, Jain Deemed to be University, Bangalore, Karnataka, INDIA on 9th December 2020.

- Invited as Examiner to conduct the Viva-Voce Examination of M. Tech (CSE) Students at the School of Computer Science and Engineering, Bahra University, Shimla Hills, Waknaghat, Solan (H.P.) INDIA on 9th July 2019.

- Invited as Examiner for Practical Examination and External Viva (Session 2019) of B. Tech (Computer Science & Engineering) 4th and 6th semester students at School of Computer Science and Engineering, Bahra University, Shimla Hills, Waknaghat, Solan (H.P.) INDIA on 3rd June 2019.

Other Academic Duties Performed (10)

- Appointed as **Judge** in the Yantra Central Hack 25 which is an innovative hackathon hosted annually by VIT-Vellore, Chennai in association with IEEE Computer Society on 08-09, January, 2025.

- Appointed as **Jury Expert** in **Smart India Hackathon-2024** organized by Ministry of Education, Government of India and All India Council for Technical Education (AICTE) at Chandigarh Engineering College, Jhanjeri, Mohali on 11-12, December, 2024.

- Appointed as **Jury Expert** in SKITECH: INNOTHON 2K24 (48-Hours National Level Hackathon) organized by Department of Computer Science and Engineering, Shivajirao Kadam Group of Institutions, Tillore Khurd, Indore association with upGrad from 31st August 2024 to 2nd September, 2024.

- Appointed as **Jury Expert** in **Brewing Code 2.0 Hackathon** organized by School of Computer Science and Engineering, MUIT in association with upGrad at Maharishi University of Information Technology, Noida, Uttar Pradesh on 05-06, April, 2024.

- Appointed as **Jury Expert** in **Smart India Hackathon-2023** organized by Ministry of Education, Government of India and All India Council for Technical Education (AICTE) at Chandigarh Engineering College, Jhanjeri, Mohali on 20-21, December, 2023.

- **External Examiner-Paper Setter** for the course Artificial Intelligence offered to the learners of the programme B. Tech (CSE) VIII Semester at Alakh Prakash Goyal Shimla University, Shimla, Himachal Pradesh, India in the academic session 2023-24.

- **External Examiner-Paper Setter** for the course Data Warehouse and Mining offered to the learners of the programme B. Tech (CSE) VIII Semester at Alakh Prakash Goyal Shimla University, Shimla, Himachal Pradesh, India in the academic session 2023-24.

- Appointed as Mentor for the Faculties of the Domain of Cloud Computing at Poornima University, Jaipur INDIA.

- Invited as External Member of the committee constituted to enquire and submit the fact-finding report to the grievances on 6th May, 2019 at Alat Bihari Vajpayee Government Institute of Engineering and Technology, Pragtinagar, Shimla (H.P.) INDIA.

- Appointed as Observer for the Conduct of National Eligibility Cum Entrance Test (UG)-NEET (UG) held on 5th May, 2019.

Academic Assessment through Online Quizzes (05)

- Cleared E-Quiz on "Computer Organization" with a score 72% organized by Department of MCA, The Oxford College of Engineering, Bangalore on 11th August, 2020.

- Participated in Online Quiz on "New Education Policy-2020: Educate, Encourage and Enlighten" organized by Department of MCA, The Oxford College of Engineering, Bangalore on 10th August, 2020.

- Completed National Level Online Quiz on "NAAC Accreditation & Awareness" with a passing score of 75% organized by Theem College of Engineering, Boisar (E) on 26-05-2020. [Certificate ID: XLVAEG-CE000067]

- Completed Online Quiz on "Cyber Security Awareness" with a passing score of 80% organized by Hope Foundation's Finolex Academy of Management & Technology, Ratnagiri [Certificate ID: A1CMCQ-CE000893]

Membership of Editorial Board- International Journals (15)

Editor-in-Chief of **Journal of Information Technology and Sciences** which is a print e-journal focused towards the rapid Publication of fundamental research papers on all areas of information technology and sciences engineering indexed in J-Gate and many other databases.

- **Tenure:** 24th June, 2021- Present
- **Reference:**   http://matjournals.com/Editorial-Journal-of-Information-Technology-and-Sciences.html

Member of Editorial Board of **Lattice Science Publication and it's journal(s)** which is an academic, online, open access, double - blind, peer reviewed international Publication House.

- **Tenure:** 5th May, 2021- 6th May, 2022
- **Reference:** Certificate

Member of Editorial Board of Blue Eyes Intelligence Engineering and Sciences Publication and it's journal(s) which is an academic, online, open access, double - blind, peer reviewed international Publication House.

- **Tenure:** 5th May, 2021- 6th May, 2022
- **Reference:** Certificate

Member of Editorial Board of **International Journal of Management, Sciences, Innovation and Technology (IJMSIT)** which is an academic, online, open access, double - blind, peer reviewed international journal.

- **Tenure:** 10th January, 2020- Till Now
- **Reference:** Certificate || https://ijmsit.com/editorialboard

Member of Editorial Board of **Advances in Networks** which is a Peer reviewed International Journal indexed in various databases like CrossRef, JournalSeek, Universal Impact Factor and many more.

- **Tenure:** 4th September, 2020- Till Now
- **Reference:** Certificate

Member of Editorial Board of **International Journal of Multidisciplinary Research and Publication (IJMRP)**which provides the authors a platform to publish original as well as critically reviewed articles.

- **Tenure:** 6th August, 2020- Till Now
- **Reference:** Certificate || https://journalijmrp.com/editorial-board

Member of Editorial Board of **International Journal of Computer Science Research** which is is an international journal that provides a platform for your published research to be recognized across the world by people involved in the research. IJCSR is indexed in various databases like SCOPUS, EBSCO, Google Scholar, Index Copernicus, OpenJGate and many more.

- **Tenure:** 4th December, 2019- Till Now
- **Reference:** Dashboard Profile

Member of Editorial Board of **Journal of Computer Science & Systems Biology** which is a bimonthly peer reviewed, open access journal publishing the state of the art research in Computer Science and Systems Biology.

- **Reference:** https://www.omicsonline.org/editor-profile/shamneesh-sharma/

Member of Editorial Board of **Journal of Information Technology and Sciences** which is a print e-journal focused towards the rapid Publication of fundamental research papers on all areas of information technology and sciences engineering indexed in SCOPUS, J-Gate and many other databases.

- **Tenure:** 24th December, 2017- 23rd June, 2021
- **Reference:** http://matjournals.in/index.php/JOITS/about/editorialTeam

Member of Editorial Board of **International Journal of Latest Technology in Engineering, Management & Applied Science.**

- **Reference:** http://www.ijltemas.in/board-members.html

Member of Editorial Board of **SCIREA Journal of Computer** which is an international journal in the field of Computers.

Editor in Chief of **Indian Journal of Advances in Computer Sciences and Technology (IJACST).** IJAST is an Indian research journal with ISSN 2347-3231 and publishes top-level work from all areas of Computer Sciences and Technology.

- **Reference:**http://www.gbspublisher.com/editorial-board-member.php?categoryid=54

Membership of Reviewer Board- International Journals (32)

Reviewer of **IEEE Access** is a multidisciplinary, online-only, gold fully open access journal, continuously presenting the results of original research.

- **Tenure:** 24th November, 2022- Till Now
- **Reference:** https://mc.manuscriptcentral.com/ieee-access

Member of Reviewer Board of **Global Research and Development Journal for Engineering (GRDJE)** which is an uprising peer-reviewed journal in the field of engineering journal.

- **Tenure:** 23rd March, 2021- Till Now
- **Reference:** https://www.grdjournals.com/reviewer-board

Member of Reviewer Board of **The Journal of Information Systems Education (JISE)** which is a peer reviewed journal published quarterly focuses on IS education, pedagogy and curriculum.

- **Tenure:** 16thJuly, 2020- Till Now
- **Reference:** http://www.jise.org/edteam.html

Member of Reviewer Board of **Journal of Educator Online** whichis a biannual publication highlighting research in the broad area of Computer Mediated Learning (CML) which includes distance, online, electronic, virtual, distributed, blended and mobile learning.The Journal is indexed by reputed indexing databases like SCOPUS, Elsevier, EBSCO host, Education Resources Information Center (ERIC) and many more.

- **Tenure:** 28th June, 2020- Till Now
- **Reference:** https://www.thejeo.com/peer

Member of Reviewer Board of **Journal of Information Technology Research (JITR)** which presents comprehensive interdisciplinary and refereed research on the most emerging and breakthrough areas of information science and technology. The Journal is indexed by reputed indexing databases like ESCI, SCOPUS, WoS, ACM Digital Library and many more.

- **Tenure:** 8th April, 2020- Till Now
- **Reference:** Mail Communication and Personal Dash Board on the Portal

Member of Reviewer Board of **Advances in Science, Technology and Engineering Systems Journal** which is an Open Access journal and publish the articles in Advances in Science, Technology and Engineering Systems. The Journal is indexed or abstracted by reputed indexing databases like SCOPUS, J-GATE, Crossref DOI and many more.

- **Tenure:** 9th October, 2019- Till Now
- **Reference:** Mail Communication and Certificates of Reviewed Papers

Member of Reviewer Board of **Journal of Computer Science and Security** which is an international scientific journal owned and published by the Premier Publishers.

- **Tenure:** 22nd June, 2019- Till Now
- **Reference:** Mail Communication

Member of Reviewer Board of **International Journal of Network Security** which is an international scientific journal which publish the original articles, reviews and short communications in the Domain of Network Security. IJNS is indexed by major databases such as EI Compendex, SCI$_{mango}$, EBSCO and many more.

- **Tenure:** 22nd June, 2019- Till Now
- **Reference:** Mail Communication and Personal Dashboard on the Portal

Member of Reviewer Board of **Journal of Management Engineering and Information Technology.**

- **Tenure:** 6th March, 2019- Till Now
- **Reference:** http://www.jmeit.com/editorsreviewers.html

Member of Reviewer Board of **Journal of Computer Science Applications and Information Technology**.

- **Tenure:** 1st March, 2019- Till Now
- **Reference:** https://symbiosisonlinepublishing.com/computer-science-technology/reviewerboard.php

Member of Reviewer Board of **Internet of Things and Cloud Computing (IOTCC)** which is an international journal of repute and publishes articles in the domain IoT and Cloud Computing.

- **Tenure:** 22nd February, 2019.
- **Reference:** Certificate

Member of Reviewer Board of **Journal of Modelling and Simulation**

- **Tenure:** 15th February, 2019.
- **Reference:** http://www.kpublishinggroup.info/KPGNetworks.php

Member of Reviewer Board of **Journal of Web Technologies**

- **Tenure:** 11th February, 2019- Till Now
- **Reference:** http://www.kpublishinggroup.info/KPGNetworks.php

Member of Reviewer Board of **Computing Systems**

- **Tenure:** 11th February, 2019- Till Now
- **Reference:** http://www.kpublishinggroup.info/KPGNetworks.php

Member of Reviewer Board of **International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences.**

- **Tenure:** 16th Jaunary, 2019- Till Now
- **Reference:** https://www.ijirmps.org/reviewers.php

Member of Reviewer Board of **Advances in Internet of Things**

- **Tenure:** 13th November, 2018- Till Now
- **Reference:** www.sciresp.org/journal/Peer-review.aspx

Member of Reviewer Board of **Journal of Information Technology Education: Research (JITE: Research)** which is a peer-reviewed SCOPUS indexed journal that publishes scholarly articles on the use of information technology in education.

- **Tenure:** 6th November, 2018- Till Now
- **Reference:** https://www.informingscience.org/Journals/JITEResearch/BoardMembers

Member of Reviewer Board of **International Journal of Engineering Development and Research** which aims to explore advances in research pertaining to applied, theoretical and experimental Technological studies.

- ✦ **Tenure:** 22nd October, 2016- Till Now
- ✦ **Reference:** http://www.ijedr.org/editorialBoard.php

Member of Reviewer Board of **International Journal of Excellence Innovation and Development (IJEID)** which is a double-blind peer-reviewed and an open access journal in the field of Science and Engineering.

- ✦ **Tenure:** 21st October, 2018- 20th October, 2019
- ✦ **Reference:** http://www.ijeid.com/pages/Editorial-board.html

Member of Reviewer Board of **Management Science and Information Technology** which a forum for the publication of scientific research and review articles.

- ✦ **Tenure:** 22nd September, 2016- Till Now
- ✦ **Reference:** http://www.sciencepublishinggroup.com/shamneesh

Member of Reviewer Board of **International Journal of Creative Research Thoughts (IJCRT)** which aims to explore advances in research pertaining to applied, theoretical and experimental Technological studies.

- ✦ **Reference:** http://www.ijcrt.org/editorialBoard.php

Member of Reviewer Board of **International Journal of Advances in Engineering & Scientific Research** which a forum for the publication of Academic Research in Science, Engineering, Art and Management articles.

- ✦ **Reference:**http://www.arseam.com/content/shamneesh-sharma-p-goyal-shimla-university-nagrota-gazian-hamirpur-himachal-pradesh-india

Member of Reviewer Board of **International Journal of Emerging Technologies and Innovative Research** which is an International Open Access Journal, explores advances in research pertaining to applied, theoretical and experimental Technological studies.

- ✦ **Reference:** http://www.jetir.org/reviewer-board

Member of Reviewer Board of **International Journal of Sensors and Sensor Networks** which a peer reviewed Journal in the field of Sensors and Sensor Networks

- ✦ **Tenure:** 25th September, 2015- Till Now
- ✦ **Reference:** http://www.sciencepublishinggroup.com/journal/peerreviewers?journalid=130

Member of Reviewer Board of **The Research Journal (TRJ)** which provides a genuine platform for the researchers, academicians and students around the globe to share knowledge in the form of high-quality research work.

- ✦ **Tenure:** 20th September, 2015- Till Now
- ✦ **Reference:** http://www.theresearchjournal.net/editorial-board.html

Member of Reviewer & Technical Editing Board of **International Journal of information and Communication Technology** which is a peer-reviewed scientific journal dedicated to serve as a forum to share the knowledge on research advances computer science and information & communication technology (ICT).

- ✦ **Reference:** http://www.noblesci.com/infocom.html

Member of Reviewer Board of **International Journal of Scientific and Engineering Research** which is an open access source for a large number of high quality and peer reviewed journals in all the fields of science, engineering & technology.

- **Reference:** http://www.ijser.org/editorial-board_page12.aspx

Member of Reviewer Board of **International Journal of Innovative Research and Creative Technology** which is a leading international online and print journal.

- **Reference:** http://www.ijirct.org/

Board Member of **International Journal of Computer Trends and Technology** which is an international academic open access journal for the researchers of the field of Computer Science.

- **Reference:** http://www.ijcttjournal.org/board-members

Member of Reviewer Board of **International Journal of Computer Science and Information Security** which is a reputable venue for publishing novel ideas, state-of-the-art research results and fundamental advances in all aspects of computer science and information & communication security.

- **Reference:** https://sites.google.com/site/ijcsis/ijcsis-reviewer-list

Member of Reviewer Board of **International Journal of Computer Theory and Engineering** which is an international academic open access journal which gains a foothold in Singapore, Asia and opens to the world.

Member of Reviewer Board of **International Journal of Research in Electronics and Computer Engineering** (IJRECE) which is a Unit of I2OR.

- **Reference:** http://www.i2or-ijrece.com/editorial-board.html

Membership of Editorial Boards- Magazines (02)

Member of Editorial Team as Technical Editor of AGU NEWS LETTER Year-II, Issue-I, 2017

Member of Editorial Team as Technical Editor of AGU NEWS LETTER Year-I, Issue-II, 2016

General/Session Chair/Co-Chair in the Conferences (05)

Session Chair in the **1st International Conference on Machine Learning Algorithms** organized by Chitkara University, Solan, Himachal Pradesh, India on February 23-24, 2024.

Session Chair in the **6th International Conference on Advanced Informatics for Computing Research** organized by Namibia University of Science and Technology, Namibia, University Institute of Engineering and Technology, M.D. University, Rohtak, India, Shobhit University Gangoh, Saharanpur, India and Graphic Era Deemed to be University, Dehradun, India on December 16 – 17, 2023.

- **Reference:** http://informaticsindia.co.in/

Technical Program Committee Chair in the **2nd International Conference on Cloud Computing, Internet of Things and Computer Applications (CICA2023)** held in Kaifeng, China on April 21-23, 2023, hosted by AEIC Academic Exchange Center.

- **Reference:** http://www.confcica.com/committeeSpeaker

Workshop Chair for the Track Internet of Things user sub-track on Trends and Research Patterns in IoT Enabled Smart Cities using Information Modeling in the **International Conference on**

6G Communication and Internet of Things Technology held in Fuzhou, China, from October 14-16, 2022.

- Reference: http://www.6giott.org/

Co-Chair the session of the track Computer Science & Engineering in the **International Online Conference on Emerging Trends Multidisciplinary Research (ETMR-2020)** organized Poornima University, Jaipur, Rajasthan on 24th and 25th July, 2020.

General Chair in the **2nd International conference on Advanced Management Science and Information Engineering** held on 25-26, June 2017, in Sanya, China.

- Reference: http://www.amsie2017.org/com.html

Session Chair (Recent Research Trends in Computer Science & Information Technology) in the in **International Conference on Multidisciplinary Research, Practices & Studies (ICMRPS - 2018)** held on 23rd and 24th February, 2018 at Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.), India.

Invited Talks in the Conferences (03)

Keynote Speech in the **2nd International Conference on Cloud Computing, Internet of Things and Computer Applications (CICA2023)** going to be held in Kaifeng, China on April 21-23, 2023, hosted by AEIC Academic Exchange Center.

- Reference: http://www.confcica.com/dylarjhd

Invited Talk on the topic "**Reviewing Cloud Technology using Information Modeling and predicting the current research trends**" in the **2022 International Conference on Cloud Computing, Internet of Things and Computer Applications (CICA 2022)** held on April 22-24, 2022 in Luoyang, China.

- Reference: http://www.confcica.com/newModule?newId=19093

Special Lecture on "**How Information Technology is changing the Recent Research Trends**" in the international conference on "**Recent Trends in Mathematics and Information Technology**" held on 01-02, March 2018 in Avinashiligam Institute for Home Science and Higher Education for Women Coimbatore, Tamil Nadu, India.

- Reference:http://www.internationaljournalssrg.org/conference/Avinashilingam.jpg

Programme Committee Member in the Conferences (65)

Programme Committee Member and Reviewer of **Congress on Control, Robotics and Mechatronics (CCRM 2023)** held on March 25-26, 2023 at Sir Padampat Singhania University, Udaipur, Rajasthan, India.

Reference: Certificate

Programme Committee Member and Reviewer of **World Conference on Artificial Intelligence: Advances and Applications (WCAIAA-2023)** held on March 18-19, 2023 at Modi Institute of Technology, Kota, Rajasthan, India.

Reference: Certificate

Programme Committee Member of **International Conference on Computer Science and Machine Learning (CSML 2023)** going to held on January 02-03, 2023, Zurich, Switzerland.

- Reference: https://aisca2023.org/csml/committee

Technical Programme Committee Member and Reviewer in the **2nd International Conference on Intelligent Vision and Computing (ICIVC-2022),** held at National Institute of Technology, Agartala on 26-27, November, 2022.

➕ **Reference:** Certificate

Programme Committee Member of **11th International Conference on Soft Computing, Artificial Intelligence and Applications (SCAI 2022)** going to held on November 26 ~ 27, 2022, London, United Kingdom.

➕ **Reference:** https://iccsea2022.org/scai/committee

Programme Committee Member of **8th International Conference of Networks, Communications, Wireless and Mobile Computing (NCWC 2022)** going to held on September 17~ 18, 2022, Copenhagen, Denmark

➕ **Reference:** https://csen2022.org/ncwc/committee

Programme Committee Member of **11th International Conference on Natural Language Processing (NLP 2022)** going to held on September 17~18, 2022, Copenhagen, Denmark.

➕ **Reference:** https://nlp2022.org/committee

Programme Committee Member of **9th International Conference on Artificial Intelligence & Applications (ARIA 2022)** going to held on September 17~18, 2022, Copenhagen, Denmark.

➕ **Reference:** https://www.aria2022.org/committee

Programme Committee Member and Reviewer of **2022 IEEE World Conference on Applied Intelligence and Computing** held on June 17~ 19, 2022.

➕ **Reference:** Cetrificate No-

Technical Programme Committee Member of **8th International Conference on Artificial Intelligence and Applications (AIFU 2022)** going to held on March 26th – 27th, 2022 in Sydney, Australia.

➕ **Reference:** https://ccsea2022.org/aifu/committee

Technical Programme Committee Member of **5th International Conference on Information and Communication Technology for Intelligent Systems** going to held on April 23rd – 24th, 2021 in Pride Plaza Hotel, Ahmedabad, India.

➕ **Reference:** https://ictis.in/committees.php#tab03

Programme Committee Member of **2nd International Conference on Cloud and Internet of Things (ICCIoT 2021)** going to held on January 23~24, 2021, Zurich, Switzerland.

➕ **Reference:** https://ccseit2021.org/icciot/committee.html

Programme Committee Member of **10th International Conference on Peer-to-Peer Networks and Trust Management (P2PTM 2020)** held on November 28 ~ 29, 2020, London, United Kingdom.

➕ **Reference:** https://cndc2020.org/p2ptm/committee.html

Programme Committee Member of **2020 International Workshop on Intelligent Computing, Communication and Data Engineering** held on November 22-23, 2020, Beijing, China.

➕ **Reference:** http://www.iccde2020.org/com.html

Programme Committee Member of **International Conference on Networks & IOT (NeTIOT 2020)** going to help on November 21~22, 2020, Zurich, Switzerland.

Programme Committee Member **Iinnovations in Information and Communication Technologies (IICT-2020)** held on 7th and 8th November, 2020 virtually over Google Meet.

Programme Committee Member of **International Conference on Big Data, IOT and Blockchain (BIBC 2020)** going to be held October 24 - 25, 2020, Dubai, UAE.

Programme Committee Member of **6th International Conference on Software Security (ICSS 2020)** going to be held November 28 ~ 29, 2020, London, United Kingdom.

Programme Committee Member of **International Conference on Internet of Things & Embedded Systems (IoTE 2020)** held in November 28 ~ 29, 2020, London, United Kingdom.

Programme Committee Member of **International Conference on Image, Video Processing and Artificial Intelligence (IVPAI2020)** held in August 21~23, 2020, Shanghai, China.

Programme Committee Member of **12th International Conference on Wireless and Mobile Network (WiMo 2020)** held in May 30~31, 2020, Vancouver, Canada.

Reviewer of **11th International Multi-Conference on Complexity, Informatics and Cybernetics (IMCIC 2020)** held at Orlando, Florida, USA on March 10 - 13, 2020.

Member of International Scientific Committee of **3rd International Conference on Advances in Management Science and Engineering (AMSE2020)** held in January 12-13, 2020 in Wuhan, China.

Programme Committee Member of **9th International Conference on Peer-to-Peer Networks and Trust Management (P2PTM 2019)** held on December 21~22, 2019, Sydney, Australia.

Outreach Committee Member of **4th International Conference on Communication Systems (ICCS-2019)** held on 18th - 19th October 2019 at B K Birla Institute of Engineering & Technology (BKBIET), Pilani, Rajasthan, India.

Programme Committee Member of **2nd International conference on Image, Video Processing and Artificial Intelligence (IVPAI-2019)** held at Shanghai Advanced Research Institute, Chinese Academy of Sciences, Shanghai, China on August 23-25, 2019.

Reviewer of **Informing Science and IT Education Conference (InSITE 2019)** held at Jerusalem, Israel from June 30 - Jul 5 2019.

⬥ **Reference:** https://www.informingscience.org/Conferences/InSITE2019/Board Members

Programme Committee Member of **3rd International Conference on Advanced Informatics for Computing Research (ICAICR-2019)** held at Deventure Shimla Hills, National Highway 22, Solan Shimla National Highway, Kandaghat, India on June 15-16, 2019.

Member of Organizing Committee of **International Conference on Contemporary Engineering Technology and Management (ICCETM-19)** organized by Institute For Engineering Research and Publication (IFERP) at Radisson Jass, Shimla on May 30th& 31st 2019.

⬥ **Reference:** http://iccetm.com/organizing-committee.php

Programme Committee Member of **First International Conference on Sustainable Technologies for Computational Intelligence (ICTSCI—2019)** held at Sri Balaji College of Engineering and Technology, Jaipur, Rajasthan, India on March 29–30, 2019.

⬥ **Reference:** http://ictsci.in/committees.html

Member of National Advisory Committee of **International Conference on Software Product Engineering and Configuration System (ICSPECS-19)** held on 22nd and 23rd March, 2019 at Pune, India.

⬥ **Reference:** http://icspecs.net/organising.php

Reviewer of **10th International Multi-Conference on Complexity, Informatics and Cybernetics (IMCIC 2019)** held at Orlando, Florida, USA on March 12 - 15, 2019.

⬥ **Reference:** http://www.iiisspring19.org/imcic/Website/AdditionalReviewers.asp?vc=26

Member of International Scientific Committee of **2019 2nd International Conference on Informatics, Control and Automation (ICA2019)** held at Shenzhen, China on February 27-28, 2019.

⬥ **Reference:** http://www.2nd-ica.org/com.html

Member of International Scientific Committee of **2019 International Conference on Education, Management, Economics and Humanities (ICEMEH2019)** held at Shenzhen, China on February 27-28, 2019.

⬥ **Reference:** http://www.emehconf.org/com.html

Member of International Scientific Committee of **2019 International Conference on Energy, Power, Environment and Computer Application (ICEPECA2019)** held in Wuhan, China during January 20-21, 2019.

⬥ **Reference:** http://www.icepeca2019.org/com.html

Member of International Scientific Committee of **2019 International Conference on Information Technology, Electrical and Electronic Engineering (ITEEE2019)** held in Sanya, China on January 20-21, 2019.

⬥ **Reference:** http://www.2nd-ica.org/com.html

Member of International Scientific Committee of **2018 International Conference on Computer, Communications and Mechatronics Engineering (CCME2018)** held in Shanghai, China on December 22-23, 2018.

⬥ **Reference:** http://www.ccme2018.org/com.html

Member of Programming Committee of **8th International Conference on Peer-to-Peer Networks and Trust Management (P2PTM 2018)** held in Melbourne, Australia on November 24-25, 2018.

+ **Reference:** https://cndc2018.org/p2ptm/program.html

Member of International Scientific Committee of **2018 3rd International Conference on Education, Management and Systems Engineering (EMSE2018)** held in Xiamen, China on November 25-26, 2018.

+ **Reference:** http://www.emse2018.org/com.html

Reviewer of **7th International Conference on Informatics and Applications (ICIA2018)** held in Takamatsu, Japan on November 5 - 7, 2018.

+ **Reference:** http://sdiwc.net/conferences/7th-international-conference-on-informatics-and-applications/program-committees/

Member of Technical Programming Committee of **International Conference on Recent Trends in Automation (ICRTA-2018)** held on 1st and 2nd November, 2018 at Guntur, Andhra Pradesh. ICRTA - 2018 is being organized by Vasireddy Venkatadri Institute of Technology (VVIT) and Institute For Engineering Research and Publication (IFERP).

+ **Reference:** http://icrta.com/technical.php

Member of International Scientific Committee of **2018 3rd International Conference on Communications, Information Management and Network Security (CIMNS2018)** held in Wuhan, China on September 27-28, 2018.

+ **Reference:** http://www.cimns2018.org/com.html

Reviewer of **8th International Conference on Digital Information and Communication Technology and its Applications (DICTAP2018)** held in Lodz, Poland, on September 17-19, 2018.

+ **Reference:** http://sdiwc.net/conferences/8th-international-conference-digital-information-communication-technology-its-applications/program-committees/

Member of International Scientific Committee of **"2018 International Conference on Computer, Communications and Network Engineering (CCNE2018)"** held in Beijing, China on August 26-27, 2018

+ **Reference:** http://www.ccne2018.org/com.html

Member of International Scientific Committee of "**2018 2nd International Conference on Artificial Intelligence and Software Engineering (AISE2018)"** held in Xi'an, China on June 24-25, 2018

+ **Reference:** http://www.cmsms2018.org/com.html

Member of International Advisory Committee of "**2018 International Conference on Computer, Electronic and Mechanical Engineering (CEME2018)"** held in Shighai, China. on June 24-25, 2018.

+ **Reference:** http://www.cmsms2018.org/com.html

Member of International Advisory Committee of "**2018 International Conference on Computational Modeling, Simulation and Mathematical Statistics (CMSMS2018)** held in Xi'an, China on June 24-25, 2018.

- Reference: http://www.cmsms2018.org/com.html

Member of Programme Committee of "**10th International Conference on Computer Networks & Communications (CoNeCo 2018)**" held in Dubai on May 26 -27, 2018.

- Reference: http://acsit2018.org/coneco/members.html

Member of Organizing Committee of "**2nd International Conference on Applied Sciences, Engineering, Technology and Management (ICASETM -2018)**" on 20th and 21stApril, 2018 in Rajgad Gnyanpeeths Technical Campus, Shri Chhtrapati Shivajiraje College of Engineering in association with Institute for Engineering Research and Publications (IFERP).

- Reference: http://icasetm.com/advisory.php

Reviewer of "**9th International Multi-Conference on Complexity, Informatics and Cybernetics: IMCIC 2018**" held at Orlando, Florida, USA on March 13 - 16, 2018.

- Reference: http://www.iiisspring18.org/imcic/Website/AdditionalReviewers.asp?vc=26

Convener of International Conference on "**Multidisciplinary Research, Practices & Studies (ICMRPS-2017)**" held at**Alakh Prakash Goyal (APG)Shimla University, Shimla (H.P.)** on 23rd & 24th February, 2018.

- Reference: http://agu.edu.in/icmrp.agu.edu.in

Member of National advisory committee in the "**2nd International Conference on Emerging Trends in Engineering, Science and Technologies (ICETEST-18)**" held at Balaji Institute of Technology & Science, Warangal, Telangana on 16th - 17th February 2018.

- Reference: http://icetest.in/National_Committee.php

Member of International Scientific Committee of "**2018 International Conference on Computer Science, Electronics and Communication Engineering (CSECE2018)**" held in Wuhan, China during February 7-8, 2018.

- Reference: http://www.csece2018.org/com.html

Joint Organizing Secretary of Organizing Committee of **"International Conference on Recent Advances and Research Innovations in Engineering and Technology (RARIET-2017)"** held at **Alakh Prakash Goyal Shimla University, Shimla (H.P.)** on 17th & 18th November, 2017.

- Reference:http://www.conference.agu.edu.in/tpc.html

Member of International Scientific Committee of **"2nd International Conference on Education Reform and Modern Management (ERMM2017)"** held at **Phuket, Thailand** on 6th & 7th August, 2017.

- Reference: http://www.ermm2017.org/com.html

Member of National Advisory Committee of **"International Conference on Ubiquitous Computing 2017 (ICUC-17)"** held on 19th & 20th June 2017 at Sinhgad College of Engineering, Pune, Maharashtra.

- Reference:http://icpspe.in/national.php

Member of Organizing Committee of **"National Conference on Changing Trends, Future Challenges and Innovations in Science & Technology**" held on 25th and 26thMay, 2017 at Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.)

Member of International Scientific Committee of **"2nd International Conference on Advances in Management Engineering and Information Technology (AMEIT2017)"** held at **Shanghai, China** on April 23-24, 2017.

    ✦ **Reference:**http://www.ameit2017.org/com.html

Member of National Advisory Committee of **"International Conference on Soft Computing Applications to Power Systems & Power Electronics (ICPSPE-17)**" held on 12th – 13th April 2017 at Sri Chandrasekharendra Saraswathi ViswaMahavidyalaya, (Sankara University), Kanchipuram.

    ✦ **Reference:** http://icpspe.in/national.php

Member of International Scientific Committee of **2nd International Conference on Modeling, Simulation and Applied Mathematics (MSAM2017)"** held at **Central Station Hotel Bangkok** on March 26-27, 2017.

    ✦ **Reference:** http://www.msam2017.org/com.html

Member of the **"National Conference on Creating Employment Opportunities through Professional & Technical Education**" as IT Coordinator held on 4th March, 2017 in the premises of **Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.)**

Member of organizing committee of **"National Conference on Creating Employment Opportunities through Professional & Technical Education**" as IT Coordinator on the behalf of **Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.)** held on 23rd November, 2015 at Hotel Holiday Home, Shimla.

Member of organizing committee of two days Regional Seminar- 2015 on "**Crisis of Values in Contemporary India and the role of Youth**"in association with the **Department of Legal Studies & Research- Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.)**

Membership of Dissertation & Project Evaluation Panels (03)

Appointed as External Evaluator for the Dissertations of **M. Tech (Computer Science & Engineering)** for the session 2017-19 at Bahra University, Shimla Hills, Waknaghat, Solan, (H.P.)

University Nominated member of the panel for Dissertation Evaluation of **M. Tech (Computer Science & Engineering)** for session 2015-16 at Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.)

Departmental Nominated member for panel for Project Evaluation of **B. Tech (Computer Science & Engineering)** Final Year for session 2015-16 at Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.)

Membership of Technical/Research Associations (05)

Member of **Soft Computing Research Society (SCRS)** under Membership ID: 1305 from 26/08/2021 to 25/08/2022.

Member of **Institution of Electronics and Electrical Engineering (IEEE)** under Membership ID: 95788160 from 25/05/2019 to 31/12/2019.

Senior Member of **International Association of Computer Science and Information Technology** (IASCIT).

Board Member of **Seventh Sense Research Group**.

Member of **International Association of Engineers** which a non-profit international association for the engineers and the computer scientists.

Associate Member of **Institute of Research Engineers and Doctors** under UACEE (**Universal Association of Computer and Electronics Engineers**).

Membership of Board of Studies (10)

Invited as Esteemed Member of Annual meeting of Board of Studies for the academic year 2020-21 in the **School of Computer Science & Engineering**, Lovely Professional University, Phagwara, Punjab.

Member of Annual Meeting of **iNurture Industrial Academic Council- Cyber Security** for the Academic Year 2020-21 conducted on 24th November, 2020 for the programmes B. Tech (CTIS), BCA (CTIS), M. Tech (Cyber Security), B. Sc. (CTIS) and PGD (Cyber Security) offered in more 35 Universities across India.

Member of Annual meeting of Board of Studies for the academic year 2020-21 conducted by **School of Computer Science & Engineering**, Poornima University, Jaipur, Rajasthan, INDIA.

Member of Annual meeting of Board of Studies for the academic year 2019-20 conducted by **School of Computer Science & Engineering**, Poornima University, Jaipur, Rajasthan, INDIA.

Invited as Esteemed Member of Annual meeting of Board of Studies for the academic year 2019-20 in the **School of Computer Science & Engineering**, Lovely Professional University, Phagwara, Punjab.

Member of Board of Studies for the session 2016-17 in the **Department of English & Communication Skills**, School of Media & Mass Communication, Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.).

Member of Board of Studies for the session 2015-16 in the **Department of Computer Science & Engineering**, School of Technology & Sciences, Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.).

Member of Board of Studies for the session 2015-16 in the **Department of English & Communication Skills**, School of Media & Mass Communication, Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.).

Member of Board of Studies for the session 2014-15 in the **Department of Computer Science & Engineering,** School of Technology & Sciences, Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.).

Member of Board of Studies for the session 2014-15 in the **Department of Electronics & Communication Engineering,** School of Technology & Sciences, Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.).

Member of Board of Studies for the session 2014-15 in the **Department of Electrical Engineering,** School of Technology & Sciences, Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.)

Professional Associations and Memberships (18)

Lifetime Professional Member of Institute for Engineering Research and Publications (IFPRP) from 06-01-2022.

- **Member ID:** PM58169720
- **Reference:** Certificate

Bentham Science Ambassador (2020-21) for INDIA of Bentham Research and Publication Group.

- **Reference:** Certificate

Member of Data Security Council of India (DSCI) which is a non-profit industry body on data protection in India, setup by NASSCOM®. This Council is committed to make the cyberspace safe, secure and trusted by establishing best practices, standards and initiatives in cyber security and privacy.

Bentham Science Ambassador (2019-20) for INDIA of Bentham Research and Publication Group.

- **Reference:** Certificate

Member of The Science and Information Organization

Member of International Organization of Scientific Research and Development (IOSRD), which is an independent organization to support the educationist and researchers all over the world.

Member of International Economics Development and Research Center, Chatham Road South, Kowloon, Hong Kong, China.

Member of Association of Academic Research in Science, Engineering, Art and Management

- **Reference:** http://www.arseam.com/

Member of International Association of Professionals (IAOP) which is an association that brings together customers, providers, and advisors in a collaborative, knowledge-based environment.

- **Member ID:** IAOP-63737

Member of Computer Science Teacher Association which is a community of computer science educators.

- **Reference:** http://www.csta.acm.org/

Professional Member of Institute For Engineering Research and Publication (IFERP) which is India's largest Non-profitable professional association registered under India Trust Act (1882) meant for research development and promotion in the field of engineering and technology.

- **Member ID:**PM4015247

Member of International Technology and Engineering Educators Association (ITEEA) which is a professional organization for technology, innovation, design, and engineering educators.

- **Reference:** https://www.iteea.org/22387/104829.aspx

Member of Prerna Society of Technical Education and Research is non-governmental organization formed for scientists, researchers, professors, directors, managers, and engineers.

- **Reference:** http://www.prernasociety.org/DisplayMember.aspx

Senior Member of Institute of Natural Science and Advanced Technology which is a scientific, non-profit organization whose main goals are to serve the international scientific community by developing, promoting and disseminating knowledge in the areas of natural science and advanced technology.

- **Reference:** http://insciat.org/submission/home.html

Member of International Association of Online Engineering.

- **Reference:** http://online-engineering.org/

Member of European Alliance for Innovation (EAI) which is a community of researchers and Academicians for Empowering the Innovation.

- **Reference:** http://eai.eu/users/2684#info

Member of World Academy of Science, Engineering & Technology.

- **Reference:** https://www.waset.org/

Member of Science and Engineering Institute.

- **Member ID:** 20150228001
- **Reference:** http://www.sciei.org/

Life time member of International Society for Research and Development

- **Member ID:** M4150901225
- **Reference:** http://london-press.org/membership/

Membership of Engineering and Research Societies (10)

Senior Member of Asia Society of Researchers. ASR is one of the world's largest behavioural and social science research and evaluation organizations.

- **Membership ID:** R219032302

Member of the Society of Digital Information and Wireless Communications.

- **Member ID:**10729 || **Reference:** http://sdiwc.net/Volunteers.php

Life Time Member of the IAENG Society of Computer Science.

- **Member ID:**132890 || **Reference:** http://www.iaeng.org/ISCS.html

Life Time Member of the IAENG Society of Wireless Networks.

- **Member ID:**132890 || **Reference:** http://www.iaeng.org/ISWN.html

Member of International Association of Computer Science and Information Technology-Computer Society (CS).

- **Member ID:**80347753 || **Reference:** http://www.iacsit.org/show-49-281-1.html

Member of International Association of Computer Science and Information Technology-Information Technology Society (ITS).

- **Member ID:** 80347753 || **Reference:** http://www.iacsit.org/show-49-291-1.html

Member of International Association of Computer Science and Information Technology-Management Science & Engineering Society (MSES).

- **Member ID:** 80347753 || **Reference:** http://www.iacsit.org/show-49-293-1.html

Member of International Association of Computer Science and Information Technology- Internet Society (IS).

- **Member ID:** 80347753 || **Reference:** http://www.iacsit.org/show-49-292-1.html

Member of Modern Education Technology Society (METS) in association with International Association of Computer Science and Information Technology.

- **Member ID:** 80347753 || **Reference:** http://www.iacsit.org/show-49-297-1.html

Global Member of Internet Society.

- **Member ID:**126907 || **Reference:** http://www.internetsociety.org/

Projects Accomplished (Academics)

"**Access list configuration**" on series 2811 Cisco routers under the guidance of Dr. Ankur Sodhi (Assistant Professor and COD- Department of Computer Science and Engineering) at Lovely Professional University.

"**Implementation of Routing Protocols**" on Cisco routers under the guidance of Dr. Ankur Sodhi (Assistant Professor and COD- Department of Computer Science and Engineering) at Lovely Professional University.

"**Automated Lift System**" by using DC-Geared Motor under the guidance of Dr. Lovi Raj Gupta (Professor and Sr. Academic Dean) Lovely Professional University.

"**Simulator for interrupt handling**" by using C and C++ programming languages under the guidance of Mr. V. Kuvera Smrath (Assistant Professor) at Lovely Professional University.

Trainings, Workshops & Short-Term Courses (11)

Undergone 1 Day **Pilot workshop on Video Editing using Blender** organized by Teaching Learning Centre (ICT) at Indian Institute of Technology, Bombay funded by the 'Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching' (PMMMNMTT), an initiative of the Ministry of Human Resource Development, Government of India from 26th June, 2021.

Undergone one-week Short Term Training Programme (STTP) on **Blockchain: An Emerging Technology** organized by Department of Computer Applications, KIET Group of Institutions, Delhi NCR, Ghaziabad from 14th December, 2020 to 19th December 2020.

Undergone 2 Days **Hands-on Workshop (Self-Paced)** on **The Bodhi Tree and SAFE Tools for Effective Online Teaching** organized by Teaching Learning Centre (ICT) at Indian Institute of Technology, Bombay funded by the 'Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching' (PMMMNMTT), an initiative of the Ministry of Human Resource Development, Government of India from 20-21 June, 2020.

Undergone 3 Days **National Workshop** on **Internet of Things (IoT)** organized by Department of Applied Science, Poornima Institute of Engineering and Technology, Jaipur in association with Shoolin Labs (i-start under Govt. of Rajasthan) & LifeGraph Biomedical Instrumentation Pvt. Ltd. (Incubation Centre, IIT Patna) from 24-26 June,2020.

Undergone 1 Day **Workshop** on **Machine Learning for Remote Sensing Data Classification** organized by Teaching Learning Centre (ICT) at Indian Institute of Remote Sensing (IIRS), Dehradun funded by the Indian Space Research Organization (ISRO)at IIRS Outreach network center, Poornima University, Jaipur, Rajasthan on 01-06-2020.

Undergone Five Days Workshop on **Recent Networking Trends** at Alakh Prakash Goyal (APG) Shimla University, Shimla organized by Vee Software Solutions Pvt. Ltd. Chandigarh from 1st August, 2016 to 5th August, 2016.

Undergone One Week Short Term Course on **Research Methodologies** organized by Department of Education & Educational Management and sponsored by All India Council for Technical Education (AICTE) at National Institute of Technical Teacher Training and Research, Chandigarh.

Undergone One Week Short Term Course on **Computer Networking** organized by Department of Electronics & Communication Engineering and sponsored by All India Council for Technical Education (AICTE) at National Institute of Technical Teacher Training and Research, Chandigarh.

Undergone Six Weeks industrial training on **Information Storage and Management** provided by EMC Corporation.

Undergone Six Months training on **Microsoft Certified System Administrator (MCSA)** at Lovely Professional University.

Completed **Infosys Campus Connect Programme** conducted by Infosys at Lovely Professional University Campus.

Special/Guest Lectures Delivered (30)

Delivered session on "**Blueprint to Breakthrough: Turning Project Work into Research Papers**" to the Student of B. Tech (CSE) at Department of Computer Science and Engineering, Chandigarh Engineering College, Chandigarh Group of Colleges, Jhanjeri, Mohali, Punjab on 20th March, 2025.

Delivered session on "**Blueprint to Breakthrough: Turning Project Work into Research Papers**" to the Student of B. Tech CSE- Data Science using AI and ML at School of Computer Science and Engineering, Lovely Professional University, Phagwara Punjab on 10th and 11th March, 2025.

Delivered session on **"Writing to Publication: Choosing Right Venue for Research Manuscripts"** as part of Workshop on Research Paper Writing organized by GNA Business School, GNA University, Punjab, India on 22nd February 2025.

Delivered session on "**Open-Source Tools for Digital Forensics: Hands-On Practice**" as part of Faculty Development Programme on "Digital Forensics for Innovators: Leveraging Open Source in Cyber Investigation" organized by Chitkara University, Baddi, Himachal Pradesh, India in association with E&ICT Academy, Indian Institute of Technology, Roorkee on 18th February, 2025

Delivered session on " **Cloud Computing in Manufacturing: Enhancing Scalability and Collaboration**" as part of AICTE ATAL sponsored One Week Faculty Development Programme on "Advancing Smart Manufacturing: Unlocking the Power of Industry 4.0 for Modern Applications" organized by Khalsa College of Engineering and Technology, Amritsar, Punjab India on 9th January, 2025

Delivered session on "**Data Analysis using Modern Visualization Tools**" as part of the One Week Faculty Development Programme on "Data Analysis using Python, R, and Modern Visualization Tools" organized by GNA Business School, GNA University, Punjab, India on 28th December 2024.

Delivered Workshop two-days workshop on "**Digital Forensics and Cloud Computing**" organized by JECRC University Jaipur in association with iHub DivyaSampark, a prestigious Technology Innovation Hub at IIT Roorkee on 21st October 2024 and 22nd October 2024.

Delivered an Expert Session on **"Writing to Publication: Choosing Right Venue for Articles"** in the School of Management, MediCaps University, Indore on 4th September 2024.

Delivered an Expert Session on **"Microsoft Azure: Unlocking the Power of Cloud Computing"** in the Faculty Development Programme on Cloud Computing using Azure and AWS organized by Department of Computer Science and Engineering, JECRC University, Jaipur from 5th August, 2024 to 9th August, 2024.

Delivered an Expert Session on **"Leveraging the Power of AI and Machine Learning in Information Technology"** at Department of Computer Science and Engineering, Sushant University, Gurugram on 3rd April 2024.

Conducted a workshop on **"Machine Learning in Cyber Security"** during Concoction-2024: An Intra-University Event organized by Department of Youth Capital, under the umbrella of the Division of Youth Affairs, Student Welfare Wing, Lovely Professional University, Punjab in association with upGrad Campus on 8th March, 2024.

Delivered an Expert Session on **"The Art of Cracking Global Certifications"** at Department of Computer Science and Engineering, Sushant University, Gurugram on 24th November 2023.

Delivered an Expert Session on **"The Evolution of New-Age Technologies and Current Trends"** at Department of Computer Science and Engineering, Vidya Vardhaka College of Engineering, Mysore on 11th October 2023.

Delivered an Expert Session on **"Road Map to Full Stack Development"** at Department of Computer Science and Engineering, Nitte Mahalinga Adyanthaya Memorial Institute of Technology, Nitte, Karnataka on 9th October 2023.

Delivered an Expert Session on "**Cloud Computing: Moving from In Premises Infrastructure to Virtualization**" at Department of Computer Science and Information Technology, University of Jammu, Bhaderwah Campus on 31st March 2023.

Delivered a Technical Session on "**DevOps: An Overview to new IT culture development**" to the Students of B. Tech (Cloud Technology) at APEX Institute of Technology, Chandigarh University, Punjab, India on 11th February, 2023.

Delivered a Technical Session on "**Mendeley- Reference Management Practices** in a workshop organized by School of Media Studies, Presidency University, Bangalore, Karnataka India on 5th September, 2022.

Delivered a Technical Session on "**DevOps and Conceptualization of Kubernetes**" to the Students of M. Tech (Cloud Technology) at APEX Institute of Technology, Chandigarh University, Punjab, India on 24th August, 2022.

Delivered a Technical Session on "**Cloud Computing using AWS and Azure**" at APEX Institute of Technology, Chandigarh University, Punjab, India on 10th April, 2022.

Delivered an Expert Session on "**Cloud Computing: Moving from In Premises Infrastructure to Virtualization**" at College of Engineering, Roorkee, Uttarakhand, India on 5th March, 2022.

Delivered Expert Sessions on the Certification Course **"IT Fundamentals"** to the Students of B. Tech (CSE), ITM Vocational University, Varodara, Gujrat from February, 2021 to April, 2021.

Technology Expert Session on "**Cloud Computing: On-premises IT Solutions to Virtualization**" to the students of BCA (CTIS) 1 Year of Maharishi University of Information Technology, Sitapur Road (IIM Bypass, Bhitauli Tiraha), P.O – Maharishi Vidya Mandir, Lucknow, Uttar Pradesh on 9th November, 2020.

Special Lecture on "**Cloud Computing: Research Scopes and Emerging Trends**" in the Knowledge Sharing Session organized by iNurture Education Solutions, Bangalore in the initiative of Research Cohort on 22nd September, 2020.

Special Lecture on "**Cloud Computing: On-premises IT Solutions to Virtualization**" in the student induction Programme organized by Maharishi Markandeshwar University, Sadhopur, Ambala, Haryana, India on 14thAugust, 2020.

Lecture on "**Installation of xFig using Sigwin**" in the National Level Faculty Development Programme on LaTeX (Online Instructor Driven) organized by School of Computer Science & Engineering, Poornima University, Jaipur on 7th May, 2020.

Special Session on **Google Cloud Platform (GCP)** in the workshop "Cloud Computing: Hands-on Training on AWS and GCP" organized for the 2nd Year Students of B. Tech (Cloud Technology and Information Security) by The Department of Computer Engineering, **Poornima University, Jaipur, India** on 14th September, 2019.

Special Session on **Cloud Computing: A Hands-on Experience** in the Induction Programme organized for the students of B. Tech (Cloud Technology and Information Security) by **Poornima University, Jaipur, India** on 8th August, 2019.

Guest Lecture on "**Importance of Information Technology in Legal Research"** to the students of Law at **Jagaran Law College,** Dehradun, Uttarakhand, India.

Guest Lecture on "**Advanced Applications of Wireless Networks to the Society"** in a Short-Term Training Program on Wireless Network held at **VEE-Soft Solutions, Chandigarh, India.**

Guest Lecture on "**Introduction and Applications of Packet Tracer**" in a Short-Term Program on Wireless Computer Network held at **National Institute of Technical Teacher Training and Research, Chandigarh, India.**

Faculty Development Programme Attended (16)

Undergone 3 Days National Level Faculty Development Programme on **Perceptions of Research, Paper Publication and overview of Patent Filing (Online Live Instructor-Led)** organized by Department of Computer Science and Applications, SRM Institute of Science and Technology, Ramapuram, Chennai from 25th August, 2021 to 28th August, 2021.

Undergone One Week Faculty Development Programme on **Linux (Online Live Instructor-Led)** organized by Electronics & ICT Academy of Indian Institute of Technology, Kanpur from 17th May, 2021 to 22nd May, 2021.

Undergone One Week Faculty Development Programme on **Advance Excel with Data Visualization (Online Live Instructor-Led)** organized by Electronics & ICT Academy of Indian Institute of Technology, Kanpur from 11th May, 2021 to 16th May, 2021.

Undergone One Week Faculty Development Programme on **Cyber Security (Online Live Instructor-Led)** organized by Electronics & ICT Academy of Indian Institute of Technology, Kanpur from 3rd May, 2021 to 8th May, 2021.

Undergone One Week Faculty Development Programme on **Cloud Computing (Online Live Instructor-Led)** organized by Electronics & ICT Academy of Indian Institute of Technology, Kanpur from 12th April, 2021 to 17th April, 2021.

Undergone One Week Faculty Development Programme on **Cloud Computing (Online Live Instructor-Led)** organized by National Institute of Technical Teacher Training and Research (NITTTR), Chennai sponsored by All India Council for Technical Education (AICTE) under initiative of Atal Academy from 8th February, 2021 to 12th February, 2021.

Undergone One Week Faculty Development Programme on **Fundamentals of Machine Learning and Deep Learning** at Center of Excellence- Machine Learning Applications for Society and School of Computer Science & Engineering, Poornima University, Jaipur, Rajasthan in association with Celebal Technologies, Jaipur from 7th December, 2020 to 12th December, 2020.

Undergone 5 Days **AICTE Training and Learning (ATAL) Faculty Development Programme** on **Cyber Security (Online Live Instructor-Led)** organized by Department of Computer Engineering, Poornima Institute of Engineering & Technology, Jaipur, Rajasthan from 6th October, 2020 to 10th October, 2020.

Undergone 5 Days RTU (ATU) TEQIP-III Sponsored **Faculty Development Programme** on **Blockchain and its Applications (Online Live Instructor-Led)** organized by Department of Information Technology, Poornima College of Engineering, Jaipur, Rajasthan from 14th September, 2020 to 18th September, 2020.

Undergone 3 Days **Faculty Development Programme** on **Research Applications in Artificial Intelligence and Machine Learning (Online Live Instructor-Led)** organized by Department of Computer Science & Engineering, Vikas College of Engineering and Technology, Andhra Pradesh in association with TRYLOGIC from 15th June, 2020 to 17th June, 2020.

Undergone 10 Days **Faculty Development Programme** on **Outcome Based Education (Online Live Instructor-Led)** organized by Internal Quality Assurance Cell, Poornima University, Jaipur from 11th May, 2020 to 21st May, 2020.

Undergone One Week **Faculty Development Programme** on **Blockchain Technology (Online Live Instructor-Led)** organized by Electronics & ICT Academy of Indian Institute of Technology, Roorkee from 9th April, 2020 to 17th April, 2020.

Undergone One Week **Short Term Course** on **Internet of Things (IoT) and Machine Learning** organized by Electronics & ICT Academy of Indian Institute of Technology, Roorkee at Department of Computer Science & Engineering, Chitkara University, Himachal Pradesh from 16thDecember, 2019 to 20th December, 2019.

Undergone 3 Days **Train the Teacher- Programme** on "**Open Source and Open Standards**" organized by IBM Innovation Center of Education in association with Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.) from 1stDecember, 2016 to 3rd December, 2016.

Undergone One Week **Faculty Development Programme** organized by Himachal Consultancy Organization Limited (HIMCON), Shimla in association with Department of Science & Technology, Govt. of India at Alakh Prakash Goyal (APG)Shimla University, Shimla.

Undergone Four Days "**Induction and Technical Teaching Training Program**" provided by experts from NIT- Hamirpur at MIT group of Institutions – Bani, (Hamirpur).

FDPs/Workshops Organized (16)

Organized Two Days **Skill Development Programme on Digital Marketing and Content Creation using Generative AI Tools** at GNA Business School, GNA University, Phagwara,

Punjab in association with iHub DivyaSampark, Indian Institute of Technology, Roorkee, Uttrakhand, India from 25th September, 2024 to 26th September, 2024.

Organized Two Days **Skill Development Programme on Machine Learning and it's Applications** at School of Computer Science & Engineering, Lovely Professional University, Phagwara, Punjab in association with iHub DivyaSampark, Indian Institute of Technology, Roorkee, Uttrakhand, India from 20th September, 2024 to 21st September, 2024.

Organized Two Days **Skill Development Programme on Fundamentals of Python Programming** at School of Computer Science & Engineering, Lovely Professional University, Phagwara, Punjab in association with iHub DivyaSampark, Indian Institute of Technology, Roorkee, Uttrakhand, India from 18th September, 2024 to 19th September, 2024.

Organized One Day **Smart Hack 2021 Programme** at School of Computer Science & Engineering, Poornima University, Jaipur, Rajasthan in association with Electronics and ICT Academy, Indian Institute of Technology, Kanpur, Uttar Pradesh, India on 6th August, 2021

Organized One Week Faculty Development Programme on **Advanced Excel with Data Visualization** at School of Computer Science & Engineering, Poornima University, Jaipur, Rajasthan in association with Electronics and ICT Academy, Indian Institute of Technology, Kanpur, Uttar Pradesh, India from 5th July, 2021 to 11th July, 2021.

Organized One Week Faculty Development Programme on **Cloud Computing** at School of Computer Science & Engineering, Poornima University, Jaipur, Rajasthan in association with Electronics and ICT Academy, Indian Institute of Technology, Kanpur, Uttar Pradesh, India from 7th June, 2021 to 12th June, 2021.

Organized One Week Faculty Development Programme on **Fundamentals of Machine Learning and Deep Learning** at Center of Excellence- Machine Learning Applications for Society and School of Computer Science & Engineering, Poornima University, Jaipur, Rajasthan in association with Celebal Technologies, Jaipur from 7th December, 2020 to 12th December, 2020.

Organized a Webinar on **Research Writing and Managing Citations using Mendeley Software** by Dr. Vinay Kukreja & Ms. Sakshi at Poornima University, Jaipur, Rajasthan on 30th June, 2020

Organized Five Days National Level Workshop on **LaTeX** at Poornima University, Jaipur, Rajasthan in association with Spoken Tutorial, Indian Institute of Technology- Bombay from 4th May, 2020 to 8th May, 2020.

Organized One Day Workshop on **Cisco Voice over IP (VOIP)** at Alakh Prakash Goyal (APG) Shimla University, Shimla in association with Netmax Technologies, Chandigarh on 2nd May, 2017.

Organized One Day Workshop on **Cisco Security and Voice Over IP Communication** at Alakh Prakash Goyal (APG) Shimla University, Shimla in association with Netmax Technologies, Chandigarh on 24thMarch, 2017.

Organized One Day Workshop on **Programming in JAVA** at Alakh Prakash Goyal (APG)Shimla University, Shimla in association with VEE Software Solutions, Chandigarh on 6th September, 2016.

Organized two days National Level **Ethical Hacking** Competition & Workshop "HACKERS-2015" at Alakh Prakash Goyal (APG) Shimla University in association with Indian Institute of Technology, Madras.

Organized two days National level **Robotics** Competition & Workshop "ANDROBOKS- 2015" at Alakh Prakash Goyal (APG) Shimla University in association with Indian Institute of Technology, Madras.

Organized two days International **Robotics** Competition & Workshop Series "Indo- US Robo League" at Alakh Prakash Goyal (APG) Shimla University in association with Robotics & Computer Applications Institute of USA and Technophilia Systems, Mumbai.

Organized one day workshop on "**CCNA and Android Systems**" provided by "NETMAX-Chandigarh" on 23rd June, 2012 at MIT Group of Institutions, Bani, Hamirpur, (H.P.), India.

Organized two days' workshop on "**Basics of Robotics**" organized by "Indian Institute of Technology- Kharagpur" and "Robosepians- Delhi" at MIT College of Engineering and Management, Bani, Hamirpur, (H.P.), India.

Webinars Attended (08)

Participated in the One Day Online National Webinar entitled "**Implementation of Academic Bank of Credits**" organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education on 10th July 2021.

Participated in the National Level Webinar on "**Demystifying the Cognitive IoT**" held on Organized by Department of BCA, Jain (Deemed -to-be-University), Bangalore on 27th March 2021.

Attended a webinar on "**Cloud Computing: It's challenges and Research Scope**" organized by Department of BCA, School of Computer Science and Information Technology, Jain (Deemed -to-be-University), Bangalore on 8th August, 2020.

Attended a webinar on "**Cloud Ambassador Open Mic**" organized by Amazon Web Services on 27th July, 2020.

Attended a webinar on "**Designing AI and Data Science Curriculum**" organized by Department of Computer Science & Engineering, Bannett University, Greater Noida, Uttar Pradesh, INDIA on 27th July, 2020.

Attended a webinar on "**Cloud Career: Solutions Architect**" organized by Amazon Web Services on 17th July, 2020.

Attended a webinar on "**Online Teaching Tips and Tools**" organized by Department of Computer Science & Engineering, Bannett University, Greater Noida, Uttar Pradesh, INDIA on 17th July, 2020.

Attended a webinar on "**Demystifying Blockchain for the Post-Pandemic Times**" organized by School of Computer Science & Engineering, Poornima University, Jaipur, Rajasthan, INDIA on 11th June, 2020.

Extra-Curricular Activities

Chaired the Committees of "Lakshya-2021: Technical Festival of Poornima University, Jaipur, Rajasthan" from 08/03/2021 to 10/03/2021.

Judged an Event "Dare to Eat" in the Media Fest- MOIZA 2018 held at Alakh Prakash Goyal (APG) Shimla University, Shimla from 17th May, 2018 to 19th May, 2018.

Organized H.P. State Boxing Championship (Men)– 2016 6th and 7th October, 2016 as Accreditation Secretary at Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.).

Organized H.P. State Boxing Championship- 2014 on 2nd and 3rd October, 2014 as Accreditation Secretary at Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.).

Organized biggest Fashion Even of Shimla "Sapphire Diva" in association with Alakh Prakash Goyal (APG) Shimla University and Shimla 24X7.

Organized Quiz Competition as Quiz Master (Elementary Science) on the behalf of School of Engineering and Technology at Alakh Prakash Goyal (APG) University, Shimla (H.P.) India.

Achievements

Got Letter of appreciation from Chief Executive Officer, upGrad Campus, Bangalore, India for exceptional support and diligence towards the partnership with Lovely Professional University, Punjab, India in the year 2022.

Certificate of Excellence issued by TechGig for outstanding performance and exemplary contribution in "Migrating to Google Cloud-I Contest".

Got Letter of appreciation from Inspector General of Police (AP&T), Himachal Pradesh for successful completion of Online Examination Project of their Employees in the year 2017.

Got letter of appreciation from Vice Chancellor, Alakh Prakash Goyal (APG) Shimla University for implementing "Google for Education- Google Class Room" in the university in the year 2017.

Nominated as Chief Coordinator (Himachal Pradesh Region) for Green ThinkerZ Society chapter in Alakh Prakash Goyal (APG) Shimla University, Shimla by Green Thinkerz Society.

Nominated as Chief Coordinator (Shimla Region) for Spoken Tutorial Project by Indian Institute of Technology (IIT), Bombey in association with Alakh Prakash Goyal (APG) Shimla University, Shimla.

Joined an NGO named "Analysed Incubation for Rural Technical Education- Gorakhpur (U.P.)" as a volunteer employee regarding computer education.

Achieved first promotion with in six months at my first regular job at MIT Group of Institutions-Bani, Hamirpur (H.P.) India

Professional Skills

Languages: C || C+ +

Operating System: Windows XP, Vista, 7, 10 ||Server-2003 || CentOs || Ubuntu

Software Packages: MS Office (2003, 2007& 2010), Adobe Photoshop and Flash

Networking Protocols:RIP, IGRP, EIGRP & OSPF

Cisco Technologies: Switches- 1900, 2900, 3750 Series Catalyst || Routers- 1600,1700, 2500 & 2900 Series

Basics of Storage Technology ||Basics of Server Management.

Security & Network management: Smartguard UTM ||Clocksoft UTM || PF Sense UTM

Social Responsibilities

Appointed as Ambassador of Peace by the Kafila Foundation. Kafila Foundation is an NGO which works in the Social and Enconomic Development in India.

Active participant of the blood donations camps organized by IGMC, Red Cross Society and Department of Blood Transfusion, Shimla (H.P.)

Community Member of UN's Sustainable Development Goals 2030; the mission is launched by GreenThinkz Society in India.

Key IT Competency and Experience

Overall 5+ years experience in administration and maintenance of IT infrastructure in the organization.

ERP Handling and Implementation in the Educational Organizations.

Implementation & Management of Firewall and IT Safety systems.

Implementation of Digital Marketing strategies for the admissions and promotional activities .

Handling a team of 20+ staff personnel which includes Network Engineers, Hardware Engineers, ERP Co-ordinators and Lab Co-ordinators.

Handling a Call centre software solution of 50+ nodes used for educational universities and institutions.

Establishment of new & innovative technologies for the growth & advancement of the organization.

Evaluation & Procurement of new & advanced products for the upgradation of the organization.

Responsibility of managing a huge network of 2000+ terminals and taking all technical decisions.

Hobbies

Reading- Technical & Motivational books, magazines and novels.

Writing Poems and stories.

Playing and watching Cricket.

PERSONAL DETAILS

D.O.B	4th October 1987 (Age-37 Years)
Father's Name	Dr. Yog Raj Sharma.
Languages Known	English (R W S), Hindi (R W S) & Punjabi (S).
Nationality	Indian
Gender	Male
Marital Status	Married
PAN	DNHPS1187R
ORCID	http://orcid.org/0000-0003-3102-0808

Researcher ID	D-1300-2013
Scopus Author ID	55491693900
AICTE ID	1-724870458
Research Gate Profile	https://www.researchgate.net/profile/Shamneesh_Sharma
Google Scholar	https://scholar.google.com/citations?user=b1nVTWIAAAAJ&hl=en
Webpage	http://agu.edu.in/teachers/shamneesh-sharma/
Linkedin Profile	https://www.linkedin.com/feed/update/urn:li:activity:6611179067435741184/

References

Academic:

- **Dr. Arun Malik-** Professor and Associate Dean, School of Computer Science and Engineering, Lovely Professional University, Phagwara, Punjab, India.
  Phone No. +9189683 89565 || **E-Mail:** arunmalikhisar@gmail.com

- **Dr. Manoj Manuja-** Vice Chancellor, Geeta University, Panipat, Haryana, India.
  Phone No. +919780035430 || **E-Mail:** manoj_manuja@yahoo.in

External:

- **Dr. Anand Mohan Sharma**- Professor and Dean Academics, Alakh Prakash Goyal (APG) Shimla University, Shimla (H.P.), India.
  Phone No.+919418490955 || **E-Mail:** anand1mohan@gmail.com

- **Dr. Harish Verma**, Professor and Director, ICFAI School of Legal Studies, ICFAI University, Jaipur, India.
  Phone No. +919418828842 || **E-Mail:** dr.harishthakur@gmail.com

- **Dr. Sumit Gupta-** Associate Professor, Mathematics, Govt. Degree College, Diggal, Tehsil-Arki, Distt- Solan, H.P.
  Phone No. +919418276305 || **E-Mail:** sumitttgupta@gmail.com

Declaration

I hereby declare that the above information mentioned is best of my knowledge and is correct by all means.

Date: 17th July, 2025
Place: Phagwara, Punjab   **(Shamneesh Sharma)**