

Dr. Ramgopal Kashyap

**Professor, Guru Ghasidas Vishwavidyalaya-A NAAC A++ Central
University, Bilaspur, Chhattisgarh, India**

Recognized in Stanford University's **Top 2% Scientists List** for 2024

Ranked 494th out of **399,064** authors worldwide in **Artificial Intelligence & Image
Processing**

Ranked 109th overall in **India** across all scientific fields

Ranked 1st in **Chhattisgarh** across all streams

Ranked 7th in **India** in the **Information & Communication Technologies** subfield

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ResearcherID: O-5825-2014

Scopus Author ID: 57192096689

EDUCATION

Ph.D. (Computer Science and Engineering) **Dissertation Title:** Interactive and Fast Medical
Image Segmentation using Energy-Based Method

Master of Technology (Computer Science and Engineering, **Hon's 78.3%**)

Dissertation Title: Microarray Image Segmentation using Improved GOGAC Method*

* Research work was selected and presented at Heidelberg University, Germany

Bachelor of Engineering (Information Technology, **Hon's 80.5%**)

University Topper

TEACHING EXPERIENCE

- ❖ **Professor:** Department of Information Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur from **November 2024**.
- ❖ **Head & Principal Investigator – Chief Executive Officer (PI-CEO):** Amity Innovation Incubator Raipur; **Deputy Director – Innovations, Head – University PhD Programme, and Associate Professor** in the Department of Computer Science and Engineering at Amity University Chhattisgarh, Raipur, from **October 2018 to October 2024**.
- ❖ **Associate Professor:** Department of Computer Science and Engineering, Sagar Institute of Science and Technology, Bhopal (M.P.), from **December 2013 to September 2018**.
- ❖ **Head of Department and Associate Professor:** Department of Computer Science and Engineering, Bansal Institute of Research and Technology, Bhopal (M.P.), from **May 2011 to June 2012**.

- ❖ **Assistant Professor:** Department of Computer Science and Engineering, Thakral College of Technology, Bhopal (M.P.), from **January 2010 to April 2011**.
- ❖ **Assistant Professor:** Department of Computer Science and Engineering, Thakral College of Technology/PCST, Bhopal (M.P.), from **July 2005 to July 2008**.

CITATIONS:

Google Scholar Citations: 3995+
Google Scholar h-index: 33
Google Scholar i10-index: 49
Scopus Citations: 2832+
Scopus h-index: 27
Scopus Article: 71

TEACHING INTEREST

Object-Oriented Programming Methodology
Computer Graphics and Multimedia
Machine Learning
Digital Image Processing
C Programming Language

RESEARCH INTEREST

Deep Learning
Machine Learning
Digital Image Processing
Image Mining of Medical Databases
Biomedical Information Retrieval and Extraction

PATENT FILED AND PUBLISHED (9)

1. Ramgopal Kashyap, “An Integrated 360-Degree Lidar And AI-Based System for Comprehensive River Basin Analysis and Working Method Thereof” (Patent filed on November 23, 2023, **Application number 202321083826**).
2. Ramgopal Kashyap, “A System Based on Deep Learning-Based Mechanism for Plant Disease Identification and Automatic Pesticide Spraying on Disease Infested Plant Parts”, (Patent filed on August 3, 2022, **Application number 202211044220**).
3. Ramgopal Kashyap, “An IoT Based Toilet Assembly”, (Patent filed on July 21, 2022, **Application number 202211041825**).
4. Ramgopal Kashyap “A System Provided with Network Scanner and Traffic Analyzer using Internet of Things”, (Patent filed on June 13, 2022, **Application number 202211033689**).
5. Ramgopal Kashyap “An IoT Based Led Bulb Integrated with Wireless Fidelity Router”, (Patent filed on May 20, 2022, **Application number 202211030907**).
6. Ramgopal Kashyap “An IoT Based System for Energy Conservation Supportive Streetlight Controller Module”, (Patent filed on May 20, 2022, Application number **Temp/E-1/32286/2022-DEL**).

7. Ramgopal Kashyap, "An IoT Based System for Providing Clothing Measurement of a Person", (Patent filed on May 10, 2022, Application number **202211026329**).
8. Ramgopal Kashyap, "An EEG System Based on Brain-Computer Interface (BCI) Deep Learning Model" (Patent filed on March 26, 2021, Application number **202111013389**).
9. Ramgopal Kashyap, "An Assembly with Wearable Items & IoT Connectivity for Visually Impaired" (Patent filed on September 10, 2020, Application number **202011039042**).

COPYRIGHT REGISTERED (2)

1. **Literary Work (Registered):** Face Mask Detection Application using Deep Learning, Diary No: 7256/2020-CO/L.
2. **Software (Registered):** Using Geotagging for the Detection of COVID-19 Fake News from the Twitter Data of Hotspot States using Deep Learning Framework, Diary No: 7655/2020-CO/S.W.

INTERNATIONAL EXCHANGE FELLOWSHIP GUIDED (1)

Scheme: IBRO-APRC Exchange Fellowship, International Brain Research Organisation (IBRO), France

Candidate: Mr. Piersson, Albert Dayor, Universiti Kebangsaan Malaysia Diagnostic Imaging, and Radiotherapy Programme, Malaysia

PUBLICATIONS SUMMARY (120+)

1. R. Kashyap, A. Jain, S. Ahamad, A. S. Soni and N. Behar, "Generative AI-Driven Hyper Personalized Wearable Healthcare Devices: A New Paradigm for Adaptive Health Monitoring," *Journal of Information Technology Management*, vol. 17, Special Issue, pp. 130–154, 2025, doi: 10.22059/jitm.2025.102925.
2. A. M. T. H. Kadhim, R. Kashyap, and M. V. N. K. Prasad, "AI-Augmented Adaptive Federated Optimization for Real-Time Secure Remote Health Monitoring," *Engineered Science*, vol. 14, no. 3, pp. 245–260, 2025, doi: 10.30919/es1588.
3. N. Rathore, G. Soni, B. Khandelwal, R. Kashyap, B. P. Kasaraneni and R. Nair, "Leveraging AI and Blockchain for Scalable and Secure Data Exchange in IoMT Healthcare Ecosystems," in *Proc. 2025 4th OPJU Int. Technol. Conf. (OTCON) on Smart Computing for Innovation and Advancement in Industry 5.0*, Raigarh, India, 2025, pp. 1–6, doi: 10.1109/OTCON65728.2025.11070822.
4. S. Jawar and R. Kashyap, "Optimizing Medical Diagnostic Models with Self-Supervised Contrastive Pre-Training," in *Proc. 2025 4th OPJU Int. Technol. Conf. (OTCON) on Smart Computing for Innovation and Advancement in Industry 5.0*, Raigarh, India, 2025, pp. 1–6, doi: 10.1109/OTCON65728.2025.11070886.
5. R. Kashyap, A. H. AbdulHussein, A. R. Al-Tameemi, A.-H. Adel and A. Bhagat, "A Privacy Protecting Structure for Federated Learning in Intelligent Health Systems," in *Proc. 2025 4th OPJU Int. Technol. Conf. (OTCON) on Smart Computing for Innovation and Advancement in Industry 5.0*, Raigarh, India, 2025, pp. 1–6, doi: 10.1109/OTCON65728.2025.11071032.
6. R. Kashyap, A. M. Mustafa, M. M. Abdulhasan, N. R. Nimah and V. K. Dunka, "Federated Learning Based Privacy Preserving Cloud Computing Platform for Health Management," in *Proc. 2025 4th OPJU Int. Technol. Conf. (OTCON) on Smart*

- Computing for Innovation and Advancement in Industry 5.0, Raigarh, India, 2025, pp. 1–6, doi: 10.1109/OTCON65728.2025.11071159.
7. S. Jawar and R. Kashyap, "Artificial Intelligence Based Automated Medical Imaging Analysis and Interpretation," in *Proc. 2025 4th OPJU Int. Technol. Conf. (OTCON) on Smart Computing for Innovation and Advancement in Industry 5.0*, Raigarh, India, 2025, pp. 1–6, doi: 10.1109/OTCON65728.2025.11070779.
 8. J. Kotwal, R. Kashyap, P. M. Shafi, and V. Kimbahune, "Enhanced Leaf Disease Detection: Unet for segmentation and optimized EfficientNet for disease classification," *Software Impacts*, vol. 22, p. 100701, Nov. 2024. doi:10.1016/j.simpa.2024.100701
 9. S. Tiwari, C. M. Babu, P. Shanker, S. K. V, V. Roy and R. Kashyap, "Cross-Lingual Transfer Learning in RNNs for Enhancing Linguistic Diversity in Natural Language Processing," *2024 International Conference on Advances in Computing Research on Science Engineering and Technology (ACROSET)*, Indore, India, 2024, pp. 1-6, doi: 10.1109/ACROSET62108.2024.10743896.
 10. P. Mishra, T. K. Pandey, V. Roy, R. Kashyap, Chhaya and R. Ahluwalia, "Advancements in Language Processing Algorithms Transforming Linguistic Computing," *2024 International Conference on Advances in Computing Research on Science Engineering and Technology (ACROSET)*, Indore, India, 2024, pp. 1-5, doi: 10.1109/ACROSET62108.2024.10743666.
 11. R. Kashyap, V. Roy, A. Fuskele, L. Roy, P. K. Shukla, and S. J., "Enhanced EEG Artifact Removal for Epilepsy Detection: Integrating CCA, EMD, And DFA-Based Denoising Technique," in *Proc. 2024 IEEE 4th Int. Conf. ICT in Business Industry & Government (ICTBIG)*, Indore, India, 2024, pp. 1–5, doi: 10.1109/ICTBIG64922.2024.10911564.
 12. R. Kashyap, K. Aswini, Manjunatha, H. P. Thethi, A. Parmar and S. A. A. Fiadh, "Innovations in Robotic Equipment for Enhanced Wire-arc DED: Bridging the Gap Between Welding and Additive Manufacturing," *2024 OPJU International Technology Conference (OTCON) on Smart Computing for Innovation and Advancement in Industry 4.0*, Raigarh, India, 2024, pp. 1-6, doi: 10.1109/OTCON60325.2024.10688137.
 13. S. Tiwari, R. Kashyap and V. Roy, "Integrating Deep Learning to Decode Meningeal Interleukin-17 T Cell Mechanisms in Salt-Sensitive Hypertension-Induced Cognitive Impairment," *2024 OPJU International Technology Conference (OTCON) on Smart Computing for Innovation and Advancement in Industry 4.0*, Raigarh, India, 2024, pp. 1-6, doi: 10.1109/OTCON60325.2024.10687585.
 14. R. Patel, R. Kashyap, P. A. Barolia, S. K. N. Banoth, S. Kumar, and S. Mukherjee, "Recognition Of Obstreperous Sleep Apnea And Cardiovascular Diseases Using Machine And Deep Learning Models," in *Proc. 2024 IEEE 4th Int. Conf. ICT in Business Industry & Government (ICTBIG)*, Indore, India, 2024, pp. 1–6, doi: 10.1109/ICTBIG64922.2024.10911569.
 15. P. Patil, R. Kashyap and V. Roy, "Leveraging High-Performance Computing for Boiling Heat Transfer Simulations," *2024 OPJU International Technology Conference (OTCON) on Smart Computing for Innovation and Advancement in Industry 4.0*, Raigarh, India, 2024, pp. 1-6, doi: 10.1109/OTCON60325.2024.10688203.
 16. R. Kashyap, Z. F. Al, Z. L. Naser and M. M. Abdulhasan, "Navigating the Prognostics Landscape: Deep Reinforcement Learning-Enabled Remaining Useful Life Estimation with Novel Methodology," *2024 International Conference on Communication, Computer Sciences and Engineering (IC3SE)*, Gautam Buddha Nagar, India, 2024, pp. 520-526, doi: 10.1109/IC3SE62002.2024.10592974.

17. Kotwal, J.G., Kashyap, R. & Shafi, P.M. Artificial Driving based EfficientNet for Automatic Plant Leaf Disease Classification. *Multimed Tools Appl* **83**, 38209–38240 (2024). <https://doi.org/10.1007/s11042-023-16882-w>
18. Kotwal J, Kashyap R, Pathan MS. An India soyabean dataset for identification and classification of diseases using computer-vision algorithms. *Data Brief*. 2024 Feb 22;53:110216. doi: 10.1016/j.dib.2024.110216. PMID: 38450198; PMCID: PMC10915497.
19. J. G. Kotwal, R. Kashyap, and P. M. Shafi, "Yolov5-based convolutional feature attention neural network for plant disease classification," *International Journal of Intelligent Systems Technologies and Applications*, vol. 22, no. 3, pp. 237–259, 2024. doi:10.1504/ijista.2024.140949
20. M.J. Kotwal, R. Kashyap, and P. Shafi, Big Data Analytics Framework for Smart Grids," in *Big Data Analytics Framework for Smart Grids*, R. Viral, D. Asija, and S. Salkuti, Eds., "Eds. 2023, pp. 181-194.
21. V. Roy, P. D. Patil, A. Manhar, and L. Roy, "Deep Learning's Role in Advancing Gastroenterology and Digestive Health," in *2023 IEEE International Conference on ICT in Business Industry & Government (ICTBIG)*, Indore, India, 2023, pp. 1-6, doi: 10.1109/ICTBIG59752.2023.10455988.
22. A. Manhar, A. Mishra, P. Mishra and S. K. Sharma, "Reinforcement Learning for Real-time ICU Patient Management in Critical Care," *2023 International Conference on System, Computation, Automation and Networking (ICSCAN)*, PUDUCHERRY, India, 2023, pp. 1-6, doi: 10.1109/ICSCAN58655.2023.10394884.
23. H. Sahu, R. Kashyap, S. Bhatia, B. K. Dewangan, N. A. Alkhalidi, S. Anosh Babu, and S. Mohan, "Analysis of deep learning methods for healthcare sector - medical imaging disease detection," *Contemp. Math.*, vol. 4, no. 4, pp. 830–852, Nov. 2023. [Online]. Available: <https://ojs.wiserpub.com/index.php/CM/article/view/2496>
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25. Pathak, D., Kashyap, R. (2023). Neural correlate-based E-learning validation and classification using convolutional and Long Short-Term Memory networks. *Traitement du Signal*, Vol. 40, No. 4, pp. 1457-1467. <https://doi.org/10.18280/ts.400414>
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28. Kashyap, R. Stochastic Dilated Residual Ghost Model for Breast Cancer Detection. *J Digit Imaging* 36, 562–573 (2023). <https://doi.org/10.1007/s10278-022-00739-z>
29. Sahu, H., Kashyap, R., & Dewangan, B. K. (2023). Hybrid Deep learning based Semi-supervised Model for Medical Imaging. In *2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON)* (pp. 1-6). Raigarh, Chhattisgarh, India. <https://doi.org/10.1109/OTCON56053.2023.10113904>

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32. Kashyap, R.; Nair, R.; Gangadharan, S.M.P.; Botto-Tobar, M.; Farooq, S.; Rizwan, A. Glaucoma Detection and Classification Using Improved U-Net Deep Learning Model. *Healthcare* 2022, 10, 2497. <https://doi.org/10.3390/healthcare10122497>
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34. Bavkar, D.M., Kashyap, R. & Khairnar, V., (2022). Multimodal sarcasm detection via hybrid classifier with optimistic logic. *Journal of Telecommunications and Information Technology*, 3, pp.97–114.
35. Kashyap, R. (2022). Dilated Residual Grooming Kernel Model for Breast Cancer Detection. *Pattern Recognition Letters*, 159, 157-164. <https://doi.org/10.1016/j.patrec.2022.04.037>, (Impact Factor 3.756), Indexed in SCI, WOS, Scopus, Q1 Journal.
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39. Parashar V., Kashyap R., Rizwan A., Karras D., Altamirano G., Dixit E., Ahmadi F. (2022). Aggregation-Based Dynamic Channel Bonding to Maximise the Performance of Wireless Local Area Networks (WLAN), *Wireless Communications and Mobile Computing*, vol. 2022, Article ID 4464447, 11 pages, 2022. <https://doi.org/10.1155/2022/4464447>, (Impact Factor 2.336), Indexed in SCIE, WOS, Scopus, Q2 Journal.
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42. Kashyap, R. (2021). Evolution of Histopathological Breast Cancer Images Classification using Stochastic Dilated Residual Ghost Model. *Turkish Journal of Electrical Engineering & Computer Sciences*, 29(SI-1), 2758-2779. <https://doi.org/10.3906/elk-2104-40>, (Impact Factor 0.806), Indexed in SCIE, WOS, Scopus.

43. Kashyap, R., Sahu H. (2021). Study of Deep Learning Approach for Improving Semi-Supervised Algorithm, *Turkish Journal of Computer and Mathematics Education*, 12(12), pp 867-877.
44. Kashyap, R., Kotwal, J. & Karim P. (2021). Leaf Disease Detection Using Trained Convolutional Neural Network. *Shanghai Ligong Daxue Xuebao/Journal of the University of Shanghai for Science and Technology*, 23(5), pp 657-662.
45. Kashyap, R., Bavkar, D. & Khairnar V. (2021). An Ephemeral Analysis of Sarcasm Detection on Social Media. *High Technology Letters*, 27(5), pp 63-74. DOI: <https://doi.org/10.37896/HTL27.5/3507>.
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47. R. Kashyap (2020), Global and Local Signed Pressure Force Functions Active Contour Model Based on Entropy. In-Dash S., Lakshmi C., Das S., Panigrahi B. (eds) *Artificial Intelligence and Evolutionary Computations in Engineering Systems. Advances in Intelligent Systems and Computing*, vol 1056. Springer, Singapore.
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53. Kashyap, R., & Tiwari, V. (2017). Energy-based active contour method for image segmentation. *International Journal of Electronic Healthcare*, 9(2/3), 210. DOI: 10.1504/ijeh.2017.10003174.
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55. Kashyap, R. (2017). Robust hybrid energy-based method for accurate object boundary detection. *Journal of Advanced Research in Dynamical and Control System*.6(1), pp 1476-1490.
56. Pathak, D., Kashyap, R., & Rahamatkar, S. (2022). A study of deep learning approach for the classification of electroencephalogram (EEG) brain signals. *Artificial Intelligence and Machine Learning for EDGE Computing*, 133-144. <https://doi.org/10.1016/b978-0-12-824054-0.00009-5>.

57. Kashyap, R. (2022). Big Data and Global Software Engineering. Research Anthology on Big Data Analytics, Architectures, And Applications, 1249-1274. <https://doi.org/10.4018/978-1-6684-3662-2.ch060>
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59. Tiwari P., Gupta R.K., Kashyap R. (2020), Global and Local Signed Pressure Force Functions Active Contour Model Based on Entropy. In: Dash S., Lakshmi C., Das S., Panigrahi B. (eds) *Artificial Intelligence and Evolutionary Computations in Engineering Systems. Advances in Intelligent Systems and Computing*, vol 1056. Springer, Singapore. https://doi.org/10.1007/978-981-15-0199_9.
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61. Kashyap, R., & Piersson, A. D. (2018), Impact of Big Data on Security. In G. Shrivastava, P. Kumar, B. Gupta, S. Bala, & N. Dey (Eds.), *Handbook of Research on Network Forensics and Analysis Techniques* (pp. 283-299). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-4100-4.ch015.
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65. Active Contours using Global Models for Medical Image Segmentation. *International Journal of Computational Systems Engineering*, Volume 4, Issue 2/3, pp. 195-201, April 2018.
66. A Modified CT Image Boundary Detection using Global Information and Region-Based Method, *International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)*, Volume 6, Issue 7, pp.13318-13326, July 2017.
67. Analysis of Image Compression Using BTC - P.F. Algorithm for Random Color Image, In *International Journal of Computer Systems (IJCS)*, pp: 18-23, Volume 4, Issue 2, February 2017.
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72. Microarray Image Segmentation using the Improved GOGAC Segmentation Method, *International Journal of Computer Science and Engineering*, Vol. 2, Issue 4, pp. 67-74, 2013, IASET, USA, ISSN 2278-9960, Scribd Indexed.
73. cDNA Microarray Data Analysis with Dynamical Growing Hierarchical Self Organizing Map, *International Journal of Computer Science, Systems Engineering and Information Technology*, Volume 3, Number 1, pp.203-209, 2010.
74. Study of Deep Learning Approach for Improving Semi-Supervised Algorithm, International Conference on Sustainable Innovation in Science & Technology (ICSIST 2021), pp. 73-80, India.
75. Optimal Approach for C.T. Image Segmentation using Improved Energy Based-Method, *2nd International Conference on Sustainable Computing Techniques in Engineering, Science, and Management (SCESM 2017)*, pp.1189-1196, India.
76. Modified Region-Based Segmentation of Medical Images, *International Conference on Communication Networks (ICCN2015)*, pp. 209-216, IEEE, DOI: 10.1109/ICCN.2015.41.
77. Fast and Interactive Segmentation of Medical Image using the Modified Variational Model, *International Conference of Vijnana Parishad of India (VPI) on Computational and Integrative Sciences*, pp.62-68, 2015.
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 111. An Improved Image Fusion Algorithm Based on Quadtree weighted focus-measure, *National Conference on Emerging Trends in Engineering Technology and Management 2019*, Organised by Amity University Chhattisgarh, 2019.
 112. Boundary Detection of Weak Edges for Medical Image Analysis, *National Conference on Emerging Trends in Engineering Technology and Management 2019*, Organised by Amity University Chhattisgarh, 2019.
 113. Decision Support Systems for Management of Aeronautics and Aerospace Industries, *National Conference on Emerging Trends in Engineering Technology and Management 2019*, Organised by Amity University Chhattisgarh, 2019.
 114. Electronic Health Care Services and Management, *National Conference on Emerging Trends in Engineering Technology and Management 2019*, Organised by Amity University Chhattisgarh, 2019.

115. Fast Saliency Based Medical Image Segmentation, *National Conference on Emerging Trends in Engineering Technology and Management 2019*, Organised by Amity University Chhattisgarh, 2019.
 116. Iris Recognition through Segmentation, *National Conference on Distributed Intelligent Systems and Security Advancements*, pp.173-178, Organized by Lakshmi Narayan College of Technology, Bhopal, 2010.
 117. Agglomerative Cluster-based Object Replication in Distributed Systems, *National Conference on Distributed Intelligent Systems and Security Advancements*, pp. 162-166, Organized by Lakshmi Narayan College of Technology, Bhopal, 2010.
 118. Minimization of Overheads in Mobile Host, *National Conference on Distributed Intelligent Systems and Security Advancements*, pp. 167-172, Organized by Lakshmi Narayan College of Technology, Bhopal, 2010.
 119. cDNA Microarray Data Analysis with Dynamical Growing Hierarchical Self Organizing Map, *National Conference on Knowledge Management*, pp. 49, Organized by Oriental Institute of Science and Technology, Bhopal, 2010.
 120. Medical Image Analysis using Self Organizing Maps, *National Conference*, pp. 25, Organized by All Saint's College of Technology, Bhopal, 2010.
- And many more.....**

Books (2)

- ❖ Rathore, R., Rahamatkar, S. Ali S., Kashyap R., Sharma, N. (2023) Video Data Analytics for smart city applications: Methods and trends, ISBN: 978-981-5123-71-5, Bentham Science Publishers, doi:10.2174/97898151237081230101|7987228875|7804910952|8319618515|9826716936.
- ❖ Kashyap, R., & Kumar, A. (2020), Challenges and Applications for Implementing Machine Learning in Computer Vision (pp. 1-293). Hershey, PA: IGI Global. doi:10.4018/978-1-7998-0182-5, Release Date: October, 2019|Copyright: © 2020 |Pages: 293, ISBN13: 9781799801825|ISBN10: 1799801829|EISBN13: 9781799801849.

RESEARCH PROJECTS SUBMITTED AND GRANT IN-AID RECEIVED

1. **Event:** Hosting the Grand Finale of *Smart India Hackathon Software Edition 2024*, organized in 2024 with a funding of **₹14,13,400 INR**.
2. **Bootcamp:** "*Innovation, Design, and Entrepreneurship (IDE) Bootcamp (Phase III)*" conducted from April 29 to May 3, 2024, with funding of **₹16,00,000 INR**.
3. **Program:** *Mentor-Mentee Program for IIC Institutions (2021–22)* organized by MIC in December 2021, with funding of **₹2,25,000 INR**.
4. **Conference:** Conducted a *National Conference on Technical Education – Challenges Ahead*, organized at Bansal Institute of Research and Technology and sponsored by the Madhya Pradesh Council of Science and Technology (MPCOST), Bhopal, on February 28–29, 2012, with funding of **₹50,000 INR**.

FACULTY DEVELOPMENT PROGRAM ATTENDED (21)

1. One-week faculty development program on "*Blockchain Technology & Its Applications*" conducted by Malviya National Institute of Technology, Jaipur, under

the AICTE Training and Learning (ATAL) Academy Programme, from September 6–10, 2021.

2. One-week faculty development program on *"Emerging Technologies in Industry 4.0"* conducted by Amity University Chhattisgarh, Raipur, from June 14–18, 2021.
3. One-week faculty development program on *"Data Sciences"* conducted by National Institute of Technology Durgapur, under the AICTE Training and Learning (ATAL) Academy Programme, from May 31–June 4, 2021.
4. One-week faculty development program on *"Coping the Pandemic Through Positive Affirmation"* conducted by Amity University Chhattisgarh, Raipur, from May 24–28, 2021.
5. One-week faculty development program on *"Wearable Devices"* conducted by Saintgits College of Engineering, Kottayam, under the AICTE Training and Learning (ATAL) Academy Programme, from January 11–15, 2021.
6. One-week faculty development program on *"Augmented Reality (AR)/Virtual Reality (VR)"* conducted by Jawaharlal Nehru Technological University Anantapur College of Engineering, under the AICTE Training and Learning (ATAL) Academy Programme, from January 5–9, 2021.
7. One-week faculty development program on *"Data Sciences"* conducted by Tripura Institute of Technology, under the AICTE Training and Learning (ATAL) Academy Programme, from August 24–28, 2020.
8. One-week faculty development program on *"Novel Materials"* conducted by Government Engineering College Thanjavur, under the AICTE Training and Learning (ATAL) Academy Programme, from August 17–21, 2020.
9. Two-week faculty development program on *"Ambient Technologies: State-of-Art, Challenges, and Future Directions"* organized by the Department of Computer Science and Engineering & I.T., Jaypee University of Information Technology, Waknaghat, Himachal Pradesh, India, from July 27–August 8, 2020.
10. One-week faculty development program on *"Software Training on Ruby"* conducted by Yeshwantrao Chavan College of Engineering, Nagpur, India, in association with IIT Bombay, from July 6–11, 2020.
11. Two-day faculty development program on *"Recent Technologies & Trends in Computer Science & Information Technology"* conducted by Oriental Institute of Science and Technology, Bhopal, India, in association with TEQIP-III, Rajiv Gandhi Technological University, Bhopal, from July 4–5, 2020.
12. One-week faculty development program on *"Environmental Sustainability & Green Energy"* conducted by Govindrao Wanjari College of Engineering and Technology, Nagpur, India, from June 29–July 3, 2020.
13. One-week faculty development program on *"Machine Learning and Research Opportunities"* conducted by Sathagiri College of Engineering, Bengaluru, India, from June 15–19, 2020.
14. One-week faculty development program on *"Information/Cyber Security and Blockchain Technology"* conducted by Sagar Institute of Research Technology and Science, Bhopal, India, from June 8–13, 2020.
15. One-week faculty development program on *"Python"* in association with Spoken Tutorial by IIT Bombay, powered by the Ministry of Human Resources and Development (MHRD), conducted by International Institutes of Professional Studies-DAVV Indore, from June 1–5, 2020.
16. One-week faculty development program on *"Cyber Security"* conducted by National Institute of Technical Teachers Training & Research, Chandigarh, under the AICTE Training and Learning (ATAL) Academy Programme, from May 28–June 1, 2020.

17. One-week faculty development program on *"Introduction to Forensic Science and Digital and Cyber Forensics"* conducted by Nagpur Institute of Technology (NIT), Nagpur, India, in association with the Government Institute of Forensic Science, Nagpur, from May 15–19, 2020.
18. One-week faculty development program on *"Artificial Intelligence"* conducted by Dr. SPM International Institute of Information Technology (IIIT), Naya Raipur, Chhattisgarh, India, under the AICTE Training and Learning (ATAL) Academy Programme, from May 4–8, 2020.
19. One-week faculty development program on *"Artificial Intelligence"* conducted by Dr. SPM International Institute of Information Technology (IIIT), Naya Raipur, Chhattisgarh, India, under the AICTE Training and Learning (ATAL) Academy Programme, from February 8–12, 2020.
20. One-week faculty development program on *"Data Science"* conducted by Dr. SPM International Institute of Information Technology (IIIT), Naya Raipur, Chhattisgarh, India, under the AICTE Training and Learning (ATAL) Academy Programme, from November 23–27, 2019.
21. One-week faculty development program on *"Machine Learning for Data Science & Analytics Using Python"* conducted by Sagar Institute of Science and Technology, Bhopal, India, organized by RGPV under TEQIP-III, from February 9–13, 2018.

STTP/ REFRESHER COURSES ATTENDED (9)

1. **Refresher Course:** One-week AICTE-ISTE sponsored refresher course on *"Outcome Based Education: NBA Approach,"* organized by Gitarattan International Business School, Rohini, New Delhi, India, from January 4–10, 2022.
2. **Innovation Ambassador Training:** One-month advanced-level training (16 sessions, 30 contact hours) conducted by MoE's Innovation Cell & AICTE from June 30–July 30, 2021.
3. **Refresher Course:** One-week AICTE-ISTE sponsored refresher course on *"Intelligent Computing Using Python,"* organized by Sona College of Technology, Salem, Tamil Nadu, India, from December 22–29, 2021.
4. **STTP:** One-week short-term training program on *"Modern Optimization Tool in Engineering Field,"* organized by SRM Valliammai Engineering College, Chengalpattu, Tamil Nadu, India, from October 5–10, 2020.
5. **STTP:** AICTE-sponsored one-week short-term training program on *"Emerging Trends in Wireless Sensor Networks & Applications,"* organized by Malla Reddy Engineering College for Women, Secunderabad, Telangana, India, from September 14–19, 2020.
6. **STTP:** AICTE-sponsored one-week short-term training program on *"Recent Trends in Wireless Sensor Networks & Applications (NS-2),"* organized by Malla Reddy Engineering College for Women, Secunderabad, Telangana, India, from August 31–September 5, 2020.
7. **STTP:** AICTE-sponsored one-week short-term training program on *"Optimization Techniques in Machine Learning for Wireless & IoT Applications,"* organized by Malla Reddy Engineering College for Women, Secunderabad, Telangana, India, from August 24–29, 2020.
8. **Training Programme:** Ten-day training program on *"Big Data Analytics,"* organized by LIST, Bhopal, and sponsored by the Department of Science & Technology, Ministry of Science & Technology, Bhopal, India, from August 1–10, 2016.

9. **Training Programme:** Ten-day training program on "*Library Automation*," organized by the Centre for Research and Industrial Staff Performance, Bhopal, India, from December 21–31, 2015.

WORKSHOP/SEMINARS ATTENDED (39)

- **Workshop:** Three-day workshop on "*Real-Time Intrusion Detection for Cloud Computing Environment*" organized by VIT (Deemed to be University), Chennai, from September 29 to October 2, 2020.
- **Workshop:** One-day workshop on "*Fundamentals of Deep Learning for Computer Vision*" organized by NVIDIA Deep Learning Institute, USA, on August 30, 2020.
- **Seminar:** One-day seminar on "*How to Write an Excellent Research Paper for Publication*" organized by Amity Science, Technology & Innovation Foundation (ASTIF), Amity University Noida, India, on August 1, 2020.
- **Workshop:** One-day workshop on "*Angular J.S. to Develop Web Apps Faster*" organized by CMR Engineering College, Nagpur, India, on June 26, 2020.
- **STTP:** Four-day short-term training program on "*English Writing Skills and Development*" organized by Sagar Institute of Research Technology and Science, Bhopal, India, from June 22–25, 2020.
- **Leadership Talk:** Attended a session with Mr. Shridhar Venkat, CEO of Akshay Patra Foundation, conducted by MHRD, IIC, and AICTE, India, on June 20, 2020.
- **FDP:** One-day faculty development program on "*Blockchain Technology*" organized by OEDM, Delhi Technical Campus, India, on June 10, 2020.
- **Conference:** National Conference on "*Recent Applications of Applied Sciences and Humanities*" organized by Government College Satnali Mahendergarh and the Society of Scientific Research and Education, India, on June 7, 2020.
- **Workshop:** One-day national workshop on "*Getting Started with Git and GitHub*" in association with IncubateInd and GitHub, India, on June 5, 2020.
- **Workshop:** One-day national workshop on "*Step into Robotic Process Automation*" in association with Ui Path Academic Alliance, India, on May 27, 2020.
- **Workshop:** Two-day national workshop on "*Research Methodology and Proposal Writing*" organized by Oriental College of Technology, Bhopal, India, from May 25–26, 2020.
- **Workshop:** One-day national workshop on "*Learn to Develop Android Apps*" conducted by Amity University Madhya Pradesh, Gwalior, India, on May 24, 2020.
- **Workshop:** One-day international workshop on "*Mathematical Modelling and Its Applications in Epidemiology*" conducted by VIT Bhopal, India, on May 23, 2020.
- **Workshop:** One-day national workshop on "*Automotive Embedded Systems*" conducted by Amity University Madhya Pradesh, Gwalior, India, on May 22, 2020.
- **Leadership Talk:** Attended a session on "*Frugal Innovations and Social Entrepreneurship*," conducted by MHRD, IIC, and AICTE, India, on May 21, 2020.
- **Leadership Talk:** Attended a session on "*Understanding the Role and Application of Marketing Research at Idea to Startup Stage*" conducted by MHRD, IIC, and AICTE, India, on May 14, 2020.
- **Leadership Talk:** Attended a session on "*Entrepreneurship, Business Idea, and Business Model Canvas*," conducted by MHRD, IIC, and AICTE, India, on May 5, 2020.

- **Leadership Talk:** Attended a session on *"Hangout with a Successful Startup Founder,"* conducted by MHRD, IIC, and AICTE, India, on May 4, 2020.
- **Workshop:** Two-day national workshop on *"Knowledge Series Machine Learning"* organized by Incubate India, from May 2–3, 2020.
- **Leadership Talk:** Attended a session on *"Role of Network Enablers in Driving Innovation and Entrepreneurship in HEIs - A Case of TiE, India,"* conducted by MHRD, IIC, and AICTE, India, on May 1, 2020.
- **Leadership Talk:** Attended a session on *"Hangout with Emerging Innovators & Entrepreneurs"* supported by MIC and AICTE, conducted by MHRD, IIC, and AICTE, India, on April 30, 2020.
- **Leadership Talk:** Attended a session on *"Role and Importance of Pre-Incubators, Incubators, and Accelerators in HEIs"* conducted by MHRD, IIC, and AICTE, India, on April 29, 2020.
- **Workshop:** Three-day national workshop on *"Sensor Network, Internet of Things (IoT), and Internet of Everything"* sponsored by DST, organized by DSPM IIIT Naya Raipur, Chhattisgarh, India, from December 13–15, 2019.
- **Workshop:** Three-day national workshop on *"Blockchain Technology"* sponsored by DST, organized by DSPM IIIT Naya Raipur, Chhattisgarh, India, from November 28–30, 2019.
- **Workshop:** One-day workshop on *"Virtual Labs"* in association with IIT Delhi, organized by Amity Institute of Biotechnology, Amity University Chhattisgarh, Raipur, India, on November 4, 2019.
- **STTP:** One-week short-term training program on *"IP Procedure, Patent Drafting, and Commercialization"* organized by MANIT Bhopal, India, co-sponsored by TEQIP II, during October 15–19, 2016.
- **Symposium:** Four-day international symposium on *"Computational Biology"* organized by MANIT, Bhopal, India, from December 11–14, 2015.
- **Conference:** Three-day international conference on *"Communication Networks"* organized by ITM University, Gwalior, India, from November 19–21, 2015.
- **Conference:** One-day national conference on *"Green Chemical Technologies for the Progress of the Nation"* in association with the Researchers Society of Chemical Sciences, Bhopal, India, on September 19, 2015.
- **Workshop:** Two-day workshop on *"MATLAB for Researchers"* organized by MANIT, Bhopal, India, from December 9–11, 2013.
- **Workshop:** Two-day workshop on *"Research Methodology"* organized by AISECT University Bhopal and CRISP, Bhopal, India, on January 12–13, 2013.
- **Workshop:** Five-day workshop on *"Teaching Methodologies"* conducted by ISTE and Wipro, from November 15–20, 2009.
- **Workshop:** Two-day workshop on *"High Impact Teaching Skills"* attested by Dale Carnegie & Associates trainer and Wipro, on November 16–17, 2009.
- **Symposium:** Two-day event during the *6th National Level Technical Symposium (Vision Tech)* organized by All Saint's College of Technology, Bhopal, India, from November 11–13, 2009.
- **Workshop:** One-day workshop on *"Corporate Skills"* organized by Thakral College of Technology, Bhopal, India, on September 19, 2008.
- **Congress:** Three-day event during the *International Congress of Environmental Research*, organized by Government Gitanjali Girls College, Bhopal, India, from December 28–30, 2007.

- **Workshop:** One-day workshop on "*Solid Waste Management*" organized by Patel College of Science and Technology, Bhopal, India, on January 20, 2005.
- **Training:** Fifteen-day training program on "*System at Bharat Aluminium Limited Corporation (BALCO)*," India, from April 10–24, 2004.

WORKSHOP/ CONFERENCES ORGANIZED/ COORDINATED (30)

1. **Internal Hackathon:** Two-day internal hackathon for *Smart India Hackathon 2024*, organized at Amity University Chhattisgarh, India, where I served as the Single Point of Contact (SPOC).
2. **Internal Hackathon:** Two-day internal hackathon for *Smart India Hackathon 2023*, organized at Amity University Chhattisgarh, India, where I served as the Single Point of Contact (SPOC).
3. **Internal Hackathon:** Two-day internal hackathon for *Smart India Hackathon 2022*, organized at Amity University Chhattisgarh, India, where I served as the Single Point of Contact (SPOC).
4. **Internal Hackathon:** Two-day internal hackathon for *Smart India Hackathon 2021*, organized at Amity University Chhattisgarh, India, where I served as the Single Point of Contact (SPOC).
5. **Internal Hackathon:** Two-day internal hackathon for *Smart India Hackathon 2020*, organized at Amity University Chhattisgarh, India, where I served as the Single Point of Contact (SPOC).
6. **Internal Hackathon:** Two-day internal hackathon for *Smart India Hackathon 2019*, organized at Amity University Chhattisgarh, India, where I served as the Single Point of Contact (SPOC).
7. **Internal Hackathon:** Two-day internal hackathon for *Smart India Hackathon 2018*, organized at Amity University Chhattisgarh, India, where I served as the Single Point of Contact (SPOC).
8. **Online Training Course:** "*Satellite-based Navigation: A Journey from GPS to Mobile Phone Platform*," conducted from March 1–12, 2021.
9. **Online Training Course:** "*R.S. & GIS Applications*," conducted by the Indian Institute of Remote Sensing-Indian Space Research Organisation Outreach Programme, from November 2–20, 2020.
10. **Online Training Course:** "*Basics of Geocomputation and Geoweb Services*," conducted by the Indian Institute of Remote Sensing-Indian Space Research Organisation Outreach Programme, from October 19–29, 2020.
11. **Online Training Course:** "*Global Navigation Satellite System*," conducted by the Indian Institute of Remote Sensing-Indian Space Research Organisation Outreach Programme, from September 14–25, 2020.
12. **Internal Hackathon:** Two-day internal hackathon for *Smart India Hackathon 2020*, held on January 23–24, 2020, at Amity School of Engineering and Technology, Amity University Chhattisgarh, India.
13. **Workshop:** "*Machine Learning*," conducted on August 28, 2019, at Amity School of Engineering and Technology, Amity University Chhattisgarh, India.
14. **Workshop:** "*Data Science*," conducted on September 25, 2019, at Amity School of Engineering and Technology, Amity University Chhattisgarh, India.
15. **Faculty Development Program:** "*Learning Management System*," held from June 3–7, 2019, at Amity School of Engineering and Technology, Amity University Chhattisgarh, India.

16. **Expert Lecture:** Delivered on "*Startup*," held on April 8, 2019, at Amity School of Engineering and Technology, Amity University Chhattisgarh, India.
17. **Expert Lecture:** Delivered on "*Machine Learning*," held on March 12, 2019, at Amity School of Engineering and Technology, Amity University Chhattisgarh, India.
18. **Program Committee Member:** *National Conference on Emerging Trends in Engineering, Technology, and Management*, held from February 12–13, 2019, at Amity University Chhattisgarh, India.
19. **Guest Lecture:** Delivered by an eminent scientist on "*Computing Trends*," held on January 31, 2019, at Amity School of Engineering and Technology, Amity University Chhattisgarh, India.
20. **Workshop:** Fifteen-day hands-on workshop cum training on "*C++ Programming*," conducted from June 25–July 7, 2018, at Sagar Institute of Science and Technology, Bhopal, India.
21. **Faculty Development Program:** One-week FDP on "*Machine Learning for Data Science and Analytics Using Python*," held from February 9–13, 2018, at Sagar Institute of Science and Technology, Bhopal, India.
22. **Workshop:** Fifteen-day hands-on workshop cum training on "*C++ Programming*," conducted from July 17–August 4, 2017, at Sagar Institute of Science and Technology, Bhopal, India.
23. **Startup Meet:** One-day event held on April 6, 2017, at Sagar Institute of Science and Technology, Bhopal, India.
24. **Workshop:** Ten-day hands-on workshop on "*HTML, CSS, and JavaScript*," conducted from March 6–10 and March 20–23, 2017, at Sagar Institute of Science and Technology, Bhopal, India.
25. **Workshop:** One-day event on "*Information Technology Day: Effect of Demonetization*," held on November 24, 2016, at Sagar Institute of Science and Technology, Bhopal, India.
26. **Workshop:** Two-day event on "*Image Processing Using MATLAB*," conducted from April 29–30, 2016, at Sagar Institute of Science and Technology, Bhopal, India.
27. **Workshop:** Two-day event on "*Career Guidance*," held from February 8–9, 2014, at Sagar Institute of Science and Technology, Bhopal, India.
28. **IEEE International Conference:** "*Machine Intelligence and Research Advancement (ICMIRA)*," held in December 2013 at SMVDU, Katra, India.
29. **International Workshop:** "*Cryptography and Information Security (CRYPIS-2012)*" in conjunction with CCSEIT-2012, held from October 26–28, 2012, at Avinashilingam University, Coimbatore, India.
30. **National Conference:** "*Technical Education – Challenges Ahead*," organized by Bansal Institute of Research and Technology and sponsored by Madhya Pradesh Council of Science and Technology, held from February 28–29, 2012.

INVITED TALK FDP/WORKSHOP/SEMINAR (11)

1. Guest Lecture: Delivered a session on "Future Trends in Innovation" atSSIPMT Raipur on February 10, 2025.
2. Expert Talk: Delivered in the One-Week Faculty Development Program on "Mastering the Art of Writing a Good Research Paper" at Chameli Devi Group of Institutions, Indore (M.P.), held from June 25–29, 2024.

3. Expert Talk: Delivered in the One-Day Workshop on "Machine Learning and Future Directions" at B.P. Mandal College of Engineering, Madhepura, supported by the Department of Science & Technology, Government of Bihar, on August 22, 2020.
4. Expert Talk: Delivered in the Two-Day Faculty Development Program on "Digital Image Processing" in the FDP Emerging Trends in I.T. Industry at Oriental Institute of Science and Technology, Bhopal (M.P.), under TEQIP-3 RGPV Bhopal on July 13, 2020.
5. National Workshop: Conducted on "C and C++ Programming" at Vaishnavi Group of Institutions, Bhopal (M.P.), on June 25, 2020.
6. Expert Talk: Delivered in the Five-Day Faculty Development Program on "Data Science and Machine Learning Using R Programming" in the FDP Data Analysis in R at Chameli Devi Group of Institutions, Indore (M.P.), under TEQIP-3 RGPV Bhopal on June 10, 2020.
7. National Workshop: Conducted on "Artificial Intelligence and Machine Learning" at Vaishnavi Group of Institutions, Bhopal (M.P.), on June 2, 2020.
8. Expert Talk: Delivered in the One-Week Faculty Development Program on "The Future of Machine Learning Towards Data Science" in the FDP Machine Learning Algorithms, Applications & Advantages at Kamla Institute of Technology and Science, Singapur, Karimnagar (Telangana), on May 26, 2020.
9. Expert Talk and Career Counseling Session: Delivered on "Machine Learning: A Technology for Future," organized by Amity University Chhattisgarh, on April 18, 2020.
10. Presentation: Delivered on "Microarray and DNA Nanoarray Image Analysis" at the German Cancer Research Centre and Heidelberg Graduate School of Mathematical and Computational Methods, Germany, on July 20, 2010.
11. Workshop Presentation: Delivered on "Information Technology and Its Role," organized by Netlink Software Pvt. Limited, on April 21, 2007.

SESSION CHAIRED (4)

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- OPJU International Technology Conference (OTCON 4.0) on Smart Computing for Innovation and Advancement in Industry 5.0: Held at OP Jindal University, Raigarh, Chhattisgarh, during April 9–11, 2025.
 - IEEE International Conference on Technology, Research, and Innovation for Betterment of Society (TRIBES - 2021): Held at IIIT Naya Raipur, Chhattisgarh, during December 17–19, 2021.
 - National Conference on Emerging Trends in Engineering, Technology, and Management: Organized by Amity University Chhattisgarh, Raipur, on February 12–13, 2019.
 - National Conference on Technical Education – Challenges Ahead: Organized by Bansal Institute of Research and Technology and sponsored by Madhya Pradesh Council of Science and Technology, held on February 28–29, 2012.

PH.D. SUPERVISED (6)

PH.D. SUPERVISION ONGING (2)

M.TECH. DISSERTATION/THESIS GUIDED (7)

INDUSTRIAL VISITS CONDUCTED (7)

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- One-day field visit of Amity School of Engineering and Technology, Raipur, to Bangoli, Raipur, India, involving 42 students (2018).
 - One-day visit to Netlink Software, Bhopal, India, by Sagar Group of Institutions, Bhopal, with 40 students (2018).
 - One-day visit of Bansal Institute of Research and Technology, Bhopal, to Infosys Limited, Hyderabad, as part of the SPARK program, involving 60 students (2012).
 - Two-day visit to the Centre for STQC and Electronics Test Engineering, Hyderabad, India, with 58 students (2012).
 - One-day visit to Netlink Software, Bhopal, India, involving 50 students (2011).
 - One-day visit of the Forest Research Centre, Hyderabad, India, by 50 students (2010).
 - Two-day industrial visit to the Software Technology Park of India, Noida, India, involving 65 students (2009).

AFFILIATIONS (5)

- **IEEE**, Member No.: 98056367
- Life Member of Indian Society for Technical Education (**ISTE**), Member No.: LM 89444.
- International Association of Computer Science and Information Technology (**IACSIT**), Member No.: 80348704.
- International Association of Engineers (**IAENG**), Membership No.: 173521.
- The Institute of Research Engineers and Doctors (there), the USA, Membership ID: AM10100056741.

REVIEWED INTERNATIONAL BOOKS/ BOOK CHAPTERS (35)

EDITORIAL REVIEW BOARD MEMBER/REVIEWER IN THE INTERNATIONAL JOURNALS (107)

1. Big data and cognitive computing
2. Australasian Physical & Engineering Sciences in Medicine Indexed in Science Citation Index Expanded.
3. American Journal of Artificial Intelligence, Directory of Research Journals.
4. Circulation in Computer Science, Publisher CSL Press.
5. Digital Signal Processing, Science Citation Index, Science Citation Index Expanded, Scopus, Web of Science.
6. IEEE Consumer Electronics Magazine, Publisher IEEE.
7. International Journal of Adult Education and Technology, ESCI, INSPEC.
8. International Journal of Advanced Pervasive and Ubiquitous Computing (IJAPUC), INSPEC.
9. International Journal of applied evolutionary computation.
10. International Journal of applied industrial engineering.
11. International Journal of applied metaheuristic computing.
12. International journal of applied research in public health management.
13. International journal of art, culture, and design technologies.

14. International Journal of Artificial Intelligence & Applications (IJAIA), SCIrus (Elsevier), Google Scholar, Scribd, DOAJ, ProQuest, Oculus360.
15. International Journal of Big Data and Analytics in Healthcare (IJBDAH), ACM Digital Library.
16. International Journal of Biomedical and Clinical Engineering (IJBCE), INSPEC.
17. International journal of business intelligence research.
18. International Journal of Business Strategy and Automation (IJBSA).
19. International Journal of Computer Science and Information Technology (IJCSIT), SCIrus (Elsevier), Google Scholar, Scribd, DOAJ, ProQuest.
20. International Journal on Cryptography and Information Security.
21. International journal of cloud applications and computing
22. International Journal of Cognitive Informatics and Natural Intelligence (IJCINI), ESCI, SCOPUS, Compendex (Elsevier Engineering Index), PsycINFO, INSPEC.
23. International Journal of Curriculum Development and Learning Measurement (IJCDLM).
24. International Journal of Cyber-Physical Systems (IJCPS).
25. International Journal of Computers in Clinical Practice (IJCCP).
26. International Journal of Creative Interfaces and Computer Graphics.
27. International Journal of Computational Methods in Heritage Science (IJCMHS).
28. International Journal of Cyber Behavior, Psychology, and Learning.
29. International journal of cyber warfare and terrorism.
30. International Journal of Data Analytics (IJDA).
31. International Journal of Distributed Systems and Technologies (IJDST), ESCI, SCOPUS, Compendex, INSPEC.
32. International Journal of Digital Innovation in the Built Environment (IJDIBE), Indexed In INSPEC.
33. International Journal of Distance Education Technologies (IJDET), ESCI, SCOPUS, Compendex, INSPEC.
34. International Journal of Database Management Systems (IJDMS), SCIrus (Elsevier), Google Scholar, Scribd, DOAJ, ProQuest.
35. International Journal of Data Mining and Knowledge Management Process (IJKDP), Google Scholar, Scribd, DOAJ, ProQuest.
36. International Journal of Distributed Artificial Intelligence (IJDAI), INSPEC, ACM Digital Library.
37. International Journal of Distributed Systems and Technologies (IJDST).
38. International journal of e-business research.
39. International Journal of E-Health and Medical Communications (IJEHMC), ESCI, SCOPUS, INSPEC.
40. International Journal of Embedded and Real-Time Communication Systems (IJERTCS), SCOPUS, INSPEC.
41. International Journal of Entrepreneurship and Governance in Cognitive Cities (IJEGCC).
42. International Journal of Environmental Sustainability and Green Technologies (IJESGT).

43. International Journal of Gaming and Computer-Mediated Simulations.
44. International Journal of Fuzzy Logic Systems (IJFLS).
45. International Journal of Grid and High-Performance Computing (IJGHPC), ESCI, SCOPUS, Compendex, INSPEC.
46. International Journal of Healthcare Information Systems and Informatics (IJHISI), ESCI, SCOPUS, Compendex, INSPEC.
47. International Journal of Human Capital and Information Technology Professionals (IJHCITP), ESCI, SCOPUS.
48. International Journal of Information and Communication Technology Education (IJICTE), ESCI, SCOPUS.
49. International journal of information communication technologies and human development.
50. International journal of information retrieval research.
51. International Journal of Information Sciences and Techniques (IJIST).
52. International Journal of Information System Modeling and Design (IJISMD), ESCI, SCOPUS, Compendex, INSPEC.
53. International Journal of Information Retrieval Research (IJIRR), ESCI, INSPEC.
54. International Journal of Information System Modeling and Design (IJISMD), ESCI, SCOPUS, Compendex, INSPEC.
55. International Journal of Information Security and Privacy (IJISP), ESCI, SCOPUS, Compendex, INSPEC.
56. International Journal of Information Technologies and Systems Approach (IJITSA), ESCI, SCOPUS, Compendex, INSPEC.
57. International journal of information systems and social change.
58. International journal of information technologies and systems approach.
59. International Journal of Interdisciplinary Telecommunications and Networking (IJITN), ESCI, Compendex, INSPEC.
60. International Journal of Information Technology and Web Engineering (IJITWE), ESCI, SCOPUS, Compendex, INSPEC.
61. International Journal of Knowledge and Systems Science.
62. International Journal of Knowledge-Based Organizations (IJKBO).
63. International Journal of Knowledge Management (IJKM), ESCI, SCOPUS, Compendex, INSPEC.
64. International Journal of Mobile and Blended Learning (IJMBL), ESCI, SCOPUS, Compendex, PsycINFO, INSPEC.
65. International Journal of Manufacturing, Materials, and Mechanical Engineering (IJMMME), ESCI, SCOPUS, INSPEC.
66. International Journal of Mobile Devices, Wearable Technology, and Flexible Electronics (IJMDWTFE).
67. International Journal of Multimedia Data Engineering and Management (IJMDEM), ESCI.
68. International journal of operations research and information systems.
69. International Journal of organizational and collective intelligence.
70. International journal of privacy and health information management.

71. International Journal of Public Administration in the Digital Age (IJPADA), ESCI, SCOPUS, INSPEC.
72. International Journal of Project Management and Productivity Assessment (IJPMPA).
73. International journal of quality control and standards in science and engineering.
74. International Journal of Reliable and Quality E-Healthcare (IJRQEH), SCOPUS, INSPEC.
75. International Journal of R&D Innovation Strategy (IJRDIS).
76. International journal of risk and contingency management.
77. International journal of smart security technologies.
78. International Journal of Smart Sensor Technologies and Applications (IJSSTA).
79. International Journal of Smart Vehicles and Smart Transportation (IJSVST).
80. International Journal of Systems and Software Security and Protection (IJSSSP).
81. International Journal of Security and Privacy in Pervasive Computing (IJSPPC).
82. International Journal of Smart Education and Urban Society (IJSEUS), INSPEC.
83. International Journal of Software Innovation (IJSI), ESCI, SCOPUS, INSPEC.
84. International Journal of Social Media and Online Communities (IJSMOC).
85. International Journal of Sustainable Entrepreneurship and Corporate Social Responsibility (IJSECSR).
86. International Journal of System Dynamics Applications (IJSDA), ESCI, INSPEC.
87. International Journal of Software Science and Computational Intelligence (IJSSCI), INSPEC.
88. International Journal of Strategic Engineering (IJoSE).
89. International Journal of Technoethics.
90. International Journal of Technology and Human Interaction (IJTHI), ESCI, SCOPUS, Compendex, PsycINFO, INSPEC.
91. International Journal of Technology Diffusion (IJTD), INSPEC.
92. International Journal of Urban Planning and Smart Cities (IJUPSC).
93. International journal of virtual and personal learning environments
94. International Journal of Web Services Research (IJWSR), SCIE, SCOPUS, Compendex, INSPEC.
95. International Journal of Web-Based Learning and Teaching Technologies (IJWLTT), SCOPUS, PsycINFO®, INSPEC.
96. International Journal of Web & Semantic Technology (IJWesT), SCirus (Elsevier), Google Scholar, Scribd, DOAJ, ProQuest.
97. International Journal of Web Portals (IJWP), SCOPUS, INSPEC.
98. Journal of Autonomous Intelligence, EnPress Publisher LLC.
99. Journal of Cases on Information Technology (JCIT), ESCI, SCOPUS, Compendex, PsycINFO, INSPEC.
100. Journal of Global Information Management (JGIM), SCIE, SSCI, SCOPUS, Compendex, INSPEC.
101. Journal of Organizational and End User Computing (JOEUC), SCIE, SSCI, SCOPUS, Compendex, INSPEC.
102. Smart cities.

- 103. Sustainability.
- 104. Photonics.
- 105. Diagnostics.
- 106. Electronics.
- 107. International Journal of Environmental Research and Public Health.

and many more.....

**REVIEWER / TECHNICAL PROGRAM COMMITTEE MEMBER IN
INTERNATIONAL CONFERENCES (330)**

1. 29th BARCELONA International Conference on Latest Trends in Engineering, Technology and Natural Sciences (LTETN-25)
2. 4th International Conference on Machine Learning, IOT and Blockchain (MLIOB 2023), January 02 ~ 03, 2023, Zurich, Switzerland
3. 7th International Conference on Signal, Image Processing (SIPO 2023), January 02 ~ 03, 2023, Zurich, Switzerland
4. 7th International Conference on Networks and Communications (NET 2023), January 02 ~ 03, 2023, Zurich, Switzerland
5. 7th International Conference on Software Engineering and Applications (SOEA 2023), January 02 ~ 03, 2023, Zurich, Switzerland
6. 7th International Conference on Artificial Intelligence, Soft Computing And Applications (AISCA 2023), January 02 ~ 03, 2023, Zurich, Switzerland
7. 4th International Conference on Machine Learning and Soft Computing (MLSC 2023), January 28 ~ 29, 2023, Copenhagen, Denmark
8. 4th International Conference on Artificial Intelligence and Big Data (AIBD 2023), January 28 ~ 29, 2023, Copenhagen, Denmark
9. 9th International Conference on Information Technology Convergence and Services (ITCSS 2023), January 28 ~ 29, 2023, Copenhagen, Denmark
10. 10th International Conference on Bioinformatics and Bioscience (ICBB 2023), February 18 ~ 19, 2023, Dubai, UAE
11. 3rd International Conference on AI, Machine Learning and Applications (AIMLA 2023), February 25 ~ 26, 2023, Vancouver, Canada
12. 3rd International Conference on NLP & Text Mining (NLTM 2023), February 25 ~ 26, 2023, Vancouver, Canada
13. 9th International Conference on Networks & Communications (NCOM 2023), March 18 ~ 19, 2023, Vienna, Austria
14. 9th International Conference on Networks and Communications (NCO 2023), March 25 ~ 26, 2023, Sydney, Australia
15. 3rd International Conference of Education (CONEDU 2023), April 29 ~ 30, 2023, Copenhagen, Denmark
16. 9th International Conference on Networks, Mobile Communication (NMCO 2023), April 29 ~ 30, 2023, Copenhagen, Denmark
17. 6th International Conference on Natural Language Processing and Trends (NATAP 2023), April 29 ~ 30, 2023, Copenhagen, Denmark
18. 9th International Conference on Data Mining and Applications (DMAP 2023), April 29 ~ 30, 2023, Copenhagen, Denmark
19. 9th International Conference on Computer Science, Information Technology and Applications (CSITA 2023), April 29 ~ 30, 2023, Copenhagen, Denmark
20. 9th International Conference on Data Mining and Applications (DMA 2023), May 20 ~ 21, 2023, Zurich, Switzerland

21. 10th International Conference on Artificial Intelligence and Applications (AIAPP 2023), May 20 ~ 21, 2023, Zurich, Switzerland
22. 11th International Conference of Managing Information Technology (CMIT 2023), May 27 ~ 28, 2023, Vancouver, Canada
23. 11th International Conference on Information Technology in Education (ICITE 2023), May 27 ~ 28, 2023, Vancouver, Canada
24. 11th International Conference of Information Technology, Control and Automation (ITCA 2023), May 27 ~ 28, 2023, Vancouver, Canada
25. 10th International Conference on Computer Science and Information Technology (CSIT 2023), June 24 ~ 25, 2023, Copenhagen, Denmark
26. 4th International conference on Big Data, Machine learning and Applications (BIGML 2023), July 22 ~ 23, 2023, Toronto, Canada
27. 4th International Conference on Integrating Technology in Education (ITE 2023), July 22 ~ 23, 2023, Toronto, Canada
28. 4th International Conference on Natural Language Processing and Computational Linguistics (NLPCL 2023), July 22 ~ 23, 2023, Toronto, Canada
29. 8th International Conference on Data Mining & Knowledge Management (DaKM 2023), July 22 ~ 23, 2023, Toronto, Canada
30. 12th International Conference on Parallel, Distributed Computing Technologies and Applications (PDCTA 2023), July 22 ~ 23, 2023, Toronto, Canada
31. 4th International Conference on Natural Language Computing Advances (NLCA 2023), July 29 ~ 30, 2023, London, United Kingdom
32. 4th International Conference on NLP Trends & Technologies (NLPTT 2023), August 19 ~ 20, 2023, Chennai, India
33. 4th International Conference on Software Engineering, Security and Blockchain (SESBC 2023), August 19 ~ 20, 2023, Chennai, India
34. 4th International Conference on Advances in Software Engineering (ASOFT 2023), September 16 ~ 17, 2023, Copenhagen, Denmark
35. 9th International Conference on Networks, Mobile Communications and Telematics (NMOCT 2023), October 21 ~ 22, 2023, Sydney, Australia
36. 3rd International Conference on Advances in Computing & Information Technologies (CACIT 2023), August 26 ~ 27, 2023, Dubai, UAE
37. 9th International Conference on Signal, Image Processing and Embedded Systems (SIGEM 2023), December 16 ~ 17, 2023, Dubai, UAE
38. 10th International Conference on Artificial Intelligence and Applications (AIAPP 2023), May 20 ~ 21, 2023, Zurich, Switzerland
39. 33. 15th International Conference on Wireless, Mobile Network & Applications (WiMoA 2023), December 23 ~ 24, 2023, Sydney, Australia
40. 9th International Conference on Data Mining and Applications (DMA 2023), May 20 ~ 21, 2023, Zurich, Switzerland
41. 3rd International Conference on Cryptography and Blockchain (CRBL 2023), November 18 ~ 19, 2023, Zurich, Switzerland
42. 3rd International Conference on NLP & Text Mining (NLTM 2023), February 25 ~ 26, 2023, Vancouver, Canada
43. 4th International Conference on Software Engineering, Security and Blockchain (SESBC 2023), August 19 ~ 20, 2023, Chennai, India
44. The International Conference on Data Science, Machine Learning and Artificial Intelligence Namibia, November 23 to 25, 2022
45. 3rd International Conference on NLP & Big Data (NLPD 2022), Copenhagen, Denmark.

46. 14th International Conference on Applications of Graph Theory in Wireless Ad hoc Networks and Sensor Networks (GRAPH-HOC 2022, Copenhagen, Denmark.
47. 14th International Conference on Wireless & Mobile Networks (WiMoNe 2022), Copenhagen, Denmark.
48. International Conference on Emerging Practices in Software Process & Architecture (SOFTPA 2022), Sydney, Australia.
49. 2nd International Conference of Education (CONEDU 2022), Sydney, Australia.
50. 3rd International Conference on Networks, Blockchain and Internet of Things (NBIoT 2022), Sydney, Australia.
51. 5th International Conference on Natural Language Processing and Trends (NATAP 2022), Sydney, Australia.
52. 8th International Conference on Image and Signal Processing (ISPR 2022), Sydney, Australia.
53. 8th International Conference on Computer Science, Information Technology and Applications (CSITA 2022), Sydney, Australia.
54. 8th International Conference on Software Engineering (SEC 2022), Vancouver, Canada.
55. 9th International Conference on Cybernetics & Informatics (CYBI 2022), Vancouver, Canada.
56. 8th International Conference on Cryptography and Information Security (CRIS 2022), Vancouver, Canada.
57. 9th International Conference on Artificial Intelligence and Applications (AIAPP 2022), Vancouver, Canada.
58. 9th International Conference on Computer Science and Information Technology (CoSIT 2022), Vancouver, Canada.
59. 8th International Conference on Signal Processing (SP 2022), Copenhagen, Denmark.
60. 3rd International Conference on Data Mining & Machine Learning (DMML 2022), Copenhagen, Denmark.
61. 3rd International Conference on NLP & Information Retrieval (NLPI 2022), Copenhagen, Denmark.
62. 11th International Conference on Embedded Systems and Applications (EMSA 2022), Sydney, Australia.
63. 11th International Conference on Cloud Computing: Services and Architecture (CLOUD 2022), Sydney, Australia.
64. 11th International Conference on Software Engineering and Applications (SEA 2022), Sydney, Australia.
65. 8th International Conference on Networks & Communications (NCOM 2022), Sydney, Australia.
66. 3rd International Conference on Big Data and Machine Learning (BDML 2022), Sydney, Australia.
67. 3rd International Conference on Natural Language Computing and AI (NLCAI 2022), Sydney, Australia.
68. 3rd International Conference on Blockchain and Internet of Things (BIoT 2022), Sydney, Australia.
69. 8th International Conference on Networks and Communications (NCO 2022), Vienna, Austria.
70. 11th International Conference on Soft Computing, Artificial Intelligence and Applications (SAI 2022), Vienna, Austria.
71. 13th International Conference on Ad hoc, Sensor & Ubiquitous Computing (ASUC 2022), Vienna, Austria.

72. 3rd International Conference on Cloud, Big Data and Web Services (CBW 2022), Vienna, Austria.
73. 3rd International Conference on Machine Learning & Trends (MLT 2022), Vienna, Austria.
74. 11th International Conference on Mobile & Wireless Networks (MoWiN 2022), Vancouver, Canada.
75. 2nd International Conference on Computing and Information Technology (COIT 2022), Dubai, UAE.
76. 3rd International Conference on Machine Learning, IoT and Blockchain (MLIOB 2022), Copenhagen, Denmark.
77. 6th International Conference on Signal, Image Processing (SIPO 2022), Copenhagen, Denmark.
78. 6th International Conference on Networks and Communications (NET 2022), Copenhagen, Denmark.
79. 6th International Conference on Artificial Intelligence, Soft Computing, And Applications (AISCA 2022), Copenhagen, Denmark.
80. 3rd International Conference on Big Data and Blockchain (BDAB 2022), Zurich, Switzerland.
81. 3rd International Conference on Signal Processing, VLSI Design & Communication Systems (SVC 2022), Zurich, Switzerland.
82. 3rd International Conference on Cloud Computing and IOT (CCCIOT 2022), Zurich, Switzerland.
83. 8th International Conference on Information Technology Convergence and Services (ITCSS 2022), Zurich, Switzerland.
84. 7th International Conference on Computer Science and Information Technology (CSTY 2021), Dubai, UAE.
85. 7th International Conference of Managing Value and Supply Chains (MaVaS 2021), Dubai, UAE.
86. 7th International Conference on Fuzzy Logic Systems (Fuzzy 2021), London, United Kingdom.
87. 7th International Conference on Signal, Image Processing and Embedded Systems (SIGEM 2021), London, United Kingdom.
88. 13th International Conference on Web services & Semantic Technology (WeST 2021), Dubai, UAE.
89. 10th International Conference of Networks and Communications (NECO 2021), Zurich, Switzerland.
90. 12th International Conference on Communications Security & Information Assurance (CSIA 2021), Zurich, Switzerland.
91. 13th International Conference on Wireless, Mobile Network, and Applications (WiMoA 2021), Zurich, Switzerland.
92. 2nd International Conference on Machine Learning Techniques and Data Science (MLDS 2021), Zurich, Switzerland.
93. 10th International Conference on Signal & Image Processing (SIP 2021), Vienna, Austria.
94. 8th International Conference on Wireless and Mobile Network (WiMNET 2021), Vienna, Austria.
95. International Conference on Big Data, IoT and Machine Learning (BIOM 2021), Vienna, Austria.
96. 7th International Conference on Signal Processing and Pattern Recognition (SIPR 2021), Sydney, Australia.

97. 7th International Conference of Networks, Communications, Wireless and Mobile Computing (NCWC 2021), Sydney, Australia.
98. 2nd International Conference on Big Data, IoT and Blockchain (BIBC 2021), Sydney, Australia.
99. 13th International Conference on Network and Communications Security (NCS 2021), Toronto, Canada.
100. 8th International Conference on Signal, Image Processing and Multimedia (SPM 2021), Toronto, Canada.
101. 13th International Conference on Wireless & Mobile Networks (WiMoNe 2021), Toronto, Canada.
102. 13th International Conference on Applications of Graph Theory in Wireless Ad hoc Networks and Sensor Networks (GRAPH-HOC 2021), Toronto, Canada.
103. 2nd International Conference on NLP & Big Data (NLPD 2021), Toronto, Canada.
104. 2nd International Conference on Advances in Artificial Intelligence Techniques (ArIT 2021), Toronto, Canada.
105. 2nd International Conference on Data Mining and Software Engineering (DMSE 2021), Toronto, Canada.
106. 7th International Conference on Artificial Intelligence and Fuzzy Logic Systems (AIFZ 2021), Copenhagen, Denmark.
107. 2nd International Conference on Cloud Computing, Security and Blockchain (CLSB 2021), Copenhagen, Denmark.
108. International Conference on IoT, Big Data and Security (IOTBS 2021), Dubai, UAE.
109. IEEE International Conference on Communication, Information and Computing Technology (ICCICT-2021), Mumbai, India
110. 7th International Conference on Recent Trends in Electrical Engineering (RTEE 2021), Dubai, UAE.
111. 7th International Conference on Signal Processing (S.P. 2021), Dubai, UAE.
112. 2nd International Conference on Data Mining & Machine Learning (DMML 2021), Dubai, UAE.
113. 2nd International Conference on NLP & Information Retrieval (NLPI 2021), Dubai, UAE.
114. 8th International Conference on Advanced Computing (ADCO 2021), Dubai, UAE.
115. 8th International Conference on Computational Science and Engineering (CSE 2020), Dubai, UAE.
116. 8th International Conference on Soft Computing (SCOM 2020), Dubai, UAE.
117. 10th International Conference on Software Engineering and Applications (SEAS 2021), Dubai, UAE.
118. 9th International Conference on Signal, Image Processing and Pattern Recognition (SPPR 2020), Sydney, Australia.
119. 6th International Conference on Artificial Intelligence and Fuzzy Logic Systems (AIFZ 2020), Sydney, Australia.
120. 12th International Conference on Grid Computing (GridCom 2020), Sydney, Australia.
121. 8th International Conference of Artificial Intelligence and Fuzzy Logic (A.I. & FL 2020), Dubai, UAE.
122. 4th International Conference on Networks and Communications (NET 2020), Dubai, UAE.
123. 4th International Conference on Signal, Image Processing (SIPO 2020), Dubai, UAE.
124. 4th International Conference on Computer Science and Information Technology (COMIT 2020), Dubai, UAE.

125. 6th International Conference on Artificial Intelligence and Soft Computing (AISO 2020), Dubai, UAE.
126. 6th International Conference on Signal Processing and Pattern Recognition (SIPR 2020), Dubai, UAE.
127. 6th International Conference on NLP & Big Data (NLPD 2020), Copenhagen, Denmark.
128. 7th International Conference on Signal, Image Processing and Multimedia (SPM 2020), Copenhagen, Denmark.
129. 7th International Conference on Advanced Computing (ADCO 2020), Chennai, India.
130. International Conference on NLP & Information Retrieval (NLPI 2020), Chennai, India.
131. 4th International Conference on Software Engineering and Applications (SOEA 2020), Dubai, UAE.
132. 6th International Conference on Networks & Communications (NCOM 2020), London, United Kingdom.
133. International Conference on Big Data and Machine Learning (BDML 2020), London, United Kingdom.
134. 7th International Conference on Signal Processing (CSIP 2020), Dubai, UAE.
135. 8th International Conference on Software Engineering & Trends (S.E. 2020), Copenhagen, Denmark.
136. 6th International Conference on Recent Trends in Electrical Engineering (RTEE-2020), Copenhagen, Denmark.
137. International Conference on Networks, Blockchain and Internet of Things (NBloT 2020), Dubai, UAE.
138. 8th International Conference of Security, Privacy and Trust Management (SPTM 2020), Helsinki, Finland.
139. 9th International Conference on Advanced Computer Science and Information Technology (ICAIT 2020), Vancouver, Canada.
140. International Conference on Machine Learning and Soft Computing (MLSC 2020), Copenhagen, Denmark.
141. International Conference on Natural Language Processing and Machine Learning (NLPML 2020), Zurich, Switzerland.
142. 5th International Conference on VLSI and Applications (VLSIA-2019), Dubai, UAE.
143. 11th International Conference on Wireless & Mobile Networks (WiMoNe-2019), Zurich, Switzerland.
144. 3rd International Conference on Networks & Communications (NETWORKS - 2019), Dubai, UAE.
145. 3rd International Conference on Networks and Security (NSEC 2019), Dubai, UAE.
146. 6th International Conference on Computer Science, Engineering and Information Technology (CSEIT-2019), Zurich, Switzerland.
147. 6th International Conference on Signal, Image Processing, and Multimedia (SPM 2019), Zurich, Switzerland.
148. 5th International Conference on Information Technology Converge Services (ITCON 2019), Dubai, UAE.
149. 8th International Conference on Information Technology Convergence and Services (ITCS 2019), Copenhagen, Denmark.
150. 8th International Conference on Signal & Image Processing (SIP 2019), Copenhagen, Denmark.
151. 10th International Conference on Ad hoc, Sensor & Ubiquitous Computing (ASUC 2019), Copenhagen, Denmark.

152. 5th International Conference on Networks & Communications (NCOM 2019), Toronto, Canada.
153. 5th International Conference on Software Engineering (SOENG 2019), Dubai, UAE.
154. 7th International Conference of Security, Privacy and Trust Management (SPTM 2019), Dubai, UAE.
155. 7th International Conference on Computational Science and Engineering (CSE 2019), Copenhagen, Denmark.
156. 7th International Conference on Soft Computing (SCOM 2019), Copenhagen, Denmark.
157. 6th International Conference on Signal Processing (CSIP 2019), Copenhagen, Denmark.
158. 8th International Conference on Information Technology Convergence and Services (ITCSE 2019), Zurich, Switzerland.
159. 8th International Conference on Digital Image Processing and Vision (ICDIPV 2019), Zurich, Switzerland.
160. 8th International Conference on Advanced Computer Science and Information Technology (ICAIT 2019), Zurich, Switzerland.
161. 6th International Conference on Signal and Image Processing (SIGL 2019), Dubai, UAE.
162. 5th International Conference on Cryptography and Information Security (CRIS 2019), Dubai, UAE.
163. 6th International Conference on Cybernetics & Informatics (CYBI 2019), Dubai, UAE.
164. 5th International Conference on Software Engineering (SEC 2019), Dubai, UAE.
165. 3rd International Conference on Networks and Communications (NET 2019), Chennai, India.
166. 6th International Conference on Signal Processing (CSIP 2019), 27th-28th, April 2019, Copenhagen, Denmark.
167. 5th International Conference on Artificial Intelligence (ARIN 2019), Chennai, India.
168. 5th International Conference on Networks, Mobile Communication (NMCO 2019), Chennai, India.
169. 5th International Conference on Software Engineering and Applications (SOFEA-2019), Chennai, India.
170. 5th International Conference on Signal Processing and Pattern Recognition (SIPR 2019), Chennai, India.
171. 5th International Conference of Networks, Communications, Wireless, and Mobile Computing (NCWC 2019), Chennai, India.
172. 9th International Conference on Advances in Computing and Information Technology (ACITY 2019), Sydney, Australia.
173. 11th International Conference on Grid Computing (GridCom-2019), Dubai, UAE.
174. 8th International Conference of Networks and Communications (NECO 2019), Dubai, UAE.
175. 10th International Conference on Communications Security & Information Assurance (CSIA-2019), Dubai, UAE.
176. 3rd International Conference on Networks & Communications (NETWORKS - 2019), Dubai, UAE.
177. 3rd International Conference on Networks and Security (NSEC 2019), Dubai, UAE.
178. 5th International Conference on Fuzzy Logic Systems (Fuzzy 2019), Dubai, UAE.
179. 5th International Conference on Information Technology Converge Services (ITCON 2019), Dubai, UAE.

180. 6th International Conference on Artificial Intelligence & Applications (ARIA-2019), Copenhagen, Denmark.
181. 8th International Conference on Information Technology Convergence and Services (ITCS 2019), Copenhagen, Denmark.
182. 8th International Conference on Signal & Image Processing (SIP 2019), Copenhagen, Denmark.
183. 5th International Conference on Computer Science, Information Technology (CSITEC 2019), Vienna, Austria.
184. 5th International Conference on Networks & Communications (NCOM 2019), Toronto, Canada.
185. 8th International Conference on Signal, Image Processing, and Pattern Recognition (SPPR 2019), Dubai, UAE.
186. Elsevier International Conference on Computational Intelligence and Data Science (ICCIDS 2018), 7-8 April 2018, Organized by the NorthCap University and University of Dyton, Ohio, USA.
187. Elsevier Conference on Computational Intelligence and Data Science (ICCIDS2018), Indexed in Web of Science, SCOPUS, ACM, and DBLP, Gurugram, India.
188. 4th International Conference on Networks & Communications (NCOM 2018), Melbourne, Australia.
189. 7th International Conference on Signal, Image Processing, and Pattern Recognition (SIPPR 2018), Sydney, Australia.
190. 5th International Conference on Advanced Computing (ADCO 2018), Copenhagen, Denmark.
191. 5th International Conference on Signal and Image Processing (Signal 2018), Chennai, India.
192. International Conference on Digital & Mobile Signal Processing (DMSP 2018), Chennai, India.
193. Sixth International Conference on Data Mining & Knowledge Management Process (DKMP 2018), Melbourne, Australia.
194. 10th International Conference on Wireless & Mobile Network (WiMo 2018), Vienna, Austria.
195. 5th International Conference on Computer Science and Information Technology (CoSIT 2018), Dubai, UAE.
196. 4th International Conference on Networks & Communications (NCOM 2018), Melbourne, Australia.
197. 8th International Conference on Computer Science, Engineering and Applications (ICCSEA 2018), Sydney, Australia.
198. 7th International Conference on Signal, Image Processing, and Pattern Recognition (SPPR 2018), Sydney, Australia.
199. 7th International Conference of Networks and Communications (NECO 2018), Sydney, Australia.
200. 10th International Conference on Wireless & Mobile Networks (WiMoNe-2018), Dubai, UAE.
201. 7th International Conference on Software Engineering and Applications (SEA-2018), Melbourne, Australia.
202. 4th International Conference on Information Technology Convergence and Services (ITCSS 2018), Copenhagen, Denmark.
203. 4th International Conference on Computer Science and Information Technology (CSTY 2018), Dubai, UAE.

204. 4th International Conference on Information Technology Convergence and Services (ITCSS 2018), Copenhagen, Denmark.
205. 5th International Conference on Cybernetics & Informatics (CYBI 2018), Dubai, UAE.
206. 4th International Conference on Data Mining and Applications (DMA 2018), Dubai, UAE.
207. 4th International Conference on Software Engineering (SEC 2018), Dubai, UAE.
208. 8th International Conference on Computer Science, Engineering, and Applications (CCSEA 2018), Melbourne, Australia.
209. 4th International Conference on Natural Language Computing (NATL 2018), Dubai, UAE.
210. 4th International Conference on Information System Design and Intelligent Applications (INDIA - 2017) 15th-17th June 2017 Organized by Duy Tan University, 3 Quang Trung, Da Nang, Vietnam.
211. Fourth International Conference on Artificial Intelligence and Applications (AIAP-2017), Vienna, Austria.
212. 7th International Conference on Computer Science, Engineering and Applications (ICCSEA-2017), Copenhagen, Denmark.
213. Third International Conference on Signal Processing (S.P. 2017), Dubai, UAE.
214. International Conference on Software Engineering and Applications (SEAS-2017), Dubai, UAE.
215. 9th International Conference on Wireless, Mobile Network & Applications (WiMoA 2017), Copenhagen, Denmark.
216. Fourth International Conference on Mobile & Wireless Networks (MoWiN 2017), Vienna, Austria.
217. 4th International Conference on Wireless and Mobile Network (WiMNET 2017), Sydney, Australia.
218. Fifth International Conference of Security, Privacy and Trust Management (SPTM 2017), Dubai, UAE.
219. Third International Conference on Signal, Image Processing, and Embedded Systems (SIGEM 2017), Chennai, India.
220. Fourth International Conference on Advanced Computing (ADCO-2017), Dubai, UAE.
221. Third International Conference on Natural Language Computing (NATL-2017), Chennai, India.
222. International Conference on Networks & Communications (NeCoM 2017), Dubai, UAE.
223. Sixth International Conference on Control, Modelling, Computing, and Applications (CMCA 2017), Dubai, UAE.
224. Ninth International Conference on Wireless & Mobile Network (WiMo 2017), Zurich, Switzerland.
225. Fourth International Conference on Signal, Image Processing, and Multimedia (SPM 2017), Dubai, UAE.
226. International Conference on Signal, Image Processing, and Pattern Recognition (SPPR 2017), Copenhagen, Denmark.
227. Ninth International Conference on Networks & Communications (NetCom - 2017), Dubai, UAE.
228. Ninth International Conference on Networks & Communications Security (NCS-2017), Dubai, UAE.

229. Fifth International Conference on Software Engineering & Trends (SE-2017), Sydney, Australia.
230. International Conference on Wireless & Mobile Networks (WiMoNe-2017), Dubai, UAE.
231. Third International Conference on Computer Science, Engineering and Applications (CSEA-2017), Chennai, India.
232. Third International Conference on Image Processing and Pattern Recognition (IPPR 2017), Dubai, UAE.
233. Third International Conference on Software Engineering (SOENG 2017), Dubai, UAE.
234. Fifth International Conference on Information Technology in Education (ICITE 2017), Sydney, Australia.
235. Ninth International Conference on Applications of Graph Theory in Wireless Ad hoc Networks and Sensor Networks (GRAPH-HOC - 2017), Dubai, UAE.
236. Sixth International Conference on Cryptography and Information Security (CRYPIS 2017), Zurich, Switzerland.
237. Third International Conference on Fuzzy Logic Systems (Fuzzy-2017), Chennai, India.
238. Sixth International Conference on Digital Image Processing and Vision (ICDIPV 2017), Zurich, Switzerland.
239. Sixth International Conference on Information Technology Convergence and Services (ITCSE 2017), Zurich, Switzerland.
240. Third International Conference on Information Technology Converge Services (ITCON 2017), Chennai, India.
241. Third International Conference on Data Mining and Database Management Systems (DMDBS-2017), Chennai, India.
242. Sixth International Conference on Software Engineering and Applications (SEA-2017), Dubai, UAE.
243. Third International Conference on Artificial Intelligence and Soft Computing (AIS 2017), Dubai, UAE.
244. Fourth International Conference on Computer Science and Information Technology (CSIT-2017), Dubai, UAE.
245. Sixth International Conference on Advanced Computer Science and Information Technology (ICAIT 2017), Zurich, Switzerland.
246. Fifth International Conference on Computational Science and Engineering (CSE-2017), Dubai, UAE.
247. Fifth International Conference on Software Engineering & Trends (SE-2017), Sydney, Australia.
248. 5th International Conference of Security, Privacy and Trust Management (SPTM 2017), Dubai, UAE.
249. Third International Conference on Image Processing and Pattern Recognition (IPPR 2017), Dubai, UAE.
250. Fourth International Conference on Bioinformatics and Bioscience (ICBB 2017), Vienna, Austria.
251. Fifth International Conference on Computational Science and Engineering (CSE-2017), Dubai, UAE.
252. Fifth International Conference on Signal Image Processing and Multimedia (SIPM 2017), Sydney, Australia.
253. Sixth International Conference on Advanced Computer Science and Information Technology (ICAIT 2017), Zurich, Switzerland.

254. Fourth International Conference on Computer Science and Information Technology (CSIT-2017), Dubai, UAE.
255. Third International Conference on Artificial Intelligence and Soft Computing (AIS 2017), Dubai, UAE.
256. Third International Conference on Third International Conference on Signal and Image Processing (SIPRO 2017), Dubai, UAE.
257. Third International Conference on Software Engineering (SOENG 2017), Dubai, UAE.
258. Third International Conference on Natural Language Computing (NATL-2017), Chennai, India.
259. Third International Conference on Signal, Image Processing, and Embedded Systems (SIGEM 2017), Chennai, India.
260. Fifth International Conference of Networks and Communications (NC 2017), Zurich, Switzerland.
261. Third International Conference on Fuzzy Logic Systems (Fuzzy-2017), Chennai, India.
262. Third International Conference on Data Mining and Database Management Systems (DMDBS-2017), Chennai, India.
263. Fifth International Conference on Software Engineering (SE-2017), Sydney, Australia.
264. International Conference on Software Engineering and Applications (SOEA-2017), Chennai, India.
265. Third International Conference on Signal and Image Processing (SIGPRO 2017), Dubai, UAE.
266. Third International Conference on Information Technology Converge Services (ITCON 2017), Chennai, India.
267. Third International Conference on Computer Science, Engineering, and Information Technology (CSITY-2017), Dubai, UAE.
268. Fourth International Conference on Information Technology, Control, Chaos, Modeling, and Applications (ITCCMA-2017), Dubai, UAE.
269. Fourth International Conference on Bioinformatics and Bioscience (ICBB 2017), Vienna, Austria.
270. Third International Conference on Software Engineering (SEC-2017), Geneva, Switzerland.
271. Third International Conference on Computer Science, Engineering and Applications (CSEA-2017), Chennai, India.
272. Fifth International Conference on Information Technology in Education (ICITE 2017), Sydney, Australia.
273. Fourth International Conference on Computer Networks & Communications (CCNET-2017), Dubai, UAE.
274. Tenth International Conference on Security and its Applications (CNSA 2017), Vienna, Austria.
275. Sixth International Conference on Information Theory (I.T. 2017), Vienna, Austria.
276. Fifth International Conference on Database and Data Mining (DBDM 2017), Dubai, UAE.
277. Fifth International Conference on Artificial Intelligence and Fuzzy Logic (A.I. & FL 2017), Dubai, UAE.
278. Fifth International Conference on Computational Science and Engineering (CSE-2017), Dubai, UAE.
279. Sixth International Conference on Information Theory (I.T. 2017), Vienna, Austria.

280. Fourth International Conference on Signal Processing (CSIP 2017), Dubai, UAE.
281. Fourth International Conference on Data Mining and Database (DMDB 2017), Vienna, Austria.
282. Seventh International Conference on Computer Science, Engineering and Information Technology (CCSEIT 2017), Vienna, Austria.
283. Third International Conference on Artificial Intelligence and Fuzzy Logic Systems (AIFZ 2017), Dubai, UAE.
284. Fourth International Conference on Information Technology, Control, Chaos, Modeling, and Applications (ITCCMA 2017), Dubai, UAE.
285. Third International Conference on Computer Science, Engineering, and Information Technology (CSITY 2017), Dubai, UAE.
286. Fifth International Conference on Signal, Image Processing, and Pattern Recognition (SIPP 2017), Zurich, Switzerland.
287. Third International Conference on Software Engineering (SEC 2017), Geneva, Switzerland.
288. Tenth International Conference on Security and its Applications (CNSA 2017), Vienna, Austria.
289. Fourth International Conference on Computer Science and Information Technology (CoSIT 2017), Geneva, Switzerland.
290. Seventh International Conference on Computer Science, Engineering, and Information Technology (CCSEIT 2017), Vienna, Austria.
291. Third International Conference on Artificial Intelligence and Applications (AIFU 2017), Dubai, UAE.
292. Fourth International Conference on Artificial Intelligence and Applications (AIAPP 2017), Geneva, Switzerland.
293. Sixth International Conference on Signal & Image Processing (SIP 2017), Sydney, Australia.
294. Fourth International Conference on Data Mining and Database (DMDB 2017), Vienna, Austria.
295. Eighth International Conference on Database Management Systems (DMS-2017), Sydney, Australia.
296. Third International Conference on Software Engineering (SEC-2017), Geneva, Switzerland.
297. Third International Conference on Cryptography and Information Security (CRIS 2017), Geneva, Switzerland.
298. Fifth International Conference on Database and Data Mining (DBDM 2017), Dubai, UAE.
299. Third International Conference on Data Mining and Applications (DMA 2017), Geneva, Switzerland.
300. Fourth International Conference on Signal Processing (CSIP 2017), Dubai, UAE.
301. Fourth International Conference on Cybernetics & Informatics (CYBI 2017), Geneva, Switzerland.
302. Tenth International Conference on Security and its Applications (CNSA 2017), Vienna, Austria.
303. Seventh International Conference on Computer Science, Engineering and Applications (CCSEA 2017), Dubai, UAE.
304. Fourth International Conference on Signal and Image Processing (SIGL 2017), Geneva, Switzerland.
305. Fourth International Conference on Advances in Software, Control and Mechanical Engineering (ICSCME 2017), Budapest, Hungary.

306. Fifth International Conference on Data Mining & Knowledge Management Process (DKMP 2017), Dubai, UAE.
307. Second International Conference on Soft Computing, Control, and Mathematics (SCM 2016), Chennai, India.
308. Fifth International Conference on Soft Computing, Artificial Intelligence, and Applications (SAI 2016), Dubai, UAE.
309. International Conference on Computing Techniques and Mechanical Engineering (ICCTME 2016), New Jersey, USA.
310. Fifth International Conference on Cloud Computing Services and Architecture (CLOUD 2016), Dubai, UAE.
311. International Conference on Artificial Intelligence and Manufacturing Engineering (ICAIME 2016), London, UK.
312. Third International Conference on Education (EDU 2016), Dubai, UAE.
313. Fourth International Conference on Artificial Intelligence, Soft Computing (AISC 2016), Zurich, Switzerland.
314. Second International Conference on Artificial Intelligence and Soft Computing (AISO 2016), Dubai, UAE.
315. Second International Conference on Artificial Intelligence and Applications (AIFU 2016), Dubai, UAE.
316. Third International Conference on Artificial Intelligence and Applications (AIAP-2016), Vienna, Austria.
317. Fifth International Conference on Computational Science, Engineering, and Information Technology (CCSEIT 2015), Vienna, Austria.
318. Second International Conference on Signal, Image Processing, and Multimedia (SPM 2015), Sydney, Australia.
319. First International Conference on Artificial Intelligence and Applications (AIApp 2014), Bangalore, India.
320. Third International Conference on Cryptography and Information Security (CRYPIS 2014), Sydney, Australia.
321. Third International Conference on Software Engineering and Applications (SEAS 2014), Dubai, UAE.
322. First International Conference on Signal and Image Processing (SIGL 2014), Bangalore, India.
323. Third International Conference on Advanced Computer Science and Information Technology (ICAIT 2014), Sydney, Australia.
324. Second International Workshop on Cryptography and Information Security (CRYPIS 2013), Konya, Turkey, Published by Springer.
325. IEEE International Conference on Machine Intelligence & Research Advancement (ICMIRA 2013), Jammu, India.
326. International research paper Reviewed on Mass Data Analysis of Images and Signals (MDA 2013), New York, USA.
327. Second International Conference on Advanced Information Technology (ICAIT 2013), Bangalore, India.
328. International Workshop on Signal Image Processing and Multimedia (SIPM 2012), Chennai, India.
329. The International Conference on Information Science and Techniques (IST 2012), Chennai, India.
330. International Workshop on Cryptography and Information Security (CRYPIS 2012), Coimbatore, India.

and many more.....

INTERNATIONAL VISITS

Heidelberg Graduate School of Mathematical and Computational Methods for the Sciences IWR, Heidelberg University, in year 2010, Sponsored by Heidelberg Graduate School of Mathematical and Computational Methods and German Cancer Research Center, Germany.

APPRECIATIONS

- Felicitated by Amity University Chhattisgarh for being listed among the world's Top 2% Scientists by Stanford University for 2024, recognizing outstanding contributions in Artificial Intelligence and Image Processing.
- Recipient of Appreciation in the role of SPOC (Single Point of Contact) at Amity University Chhattisgarh for qualifying teams in the Singapore-India International Hackathon (2019, 2020, 2021, 2022, 2023, and 2024), organized by the Ministry of Human Resource Development, Govt. of India.
- Received Appreciation in the role of SPOC at Amity University Chhattisgarh for securing First Position in SIH 2019 and SIH 2022, organized by the Ministry of Human Resource Development, Govt. of India, held at the Bhopal Nodal Center, along with prize money of ₹1 Lac and futuristic incubation support for product development.
- Recognized for organizing National Startup Meets, Training Programs, and Workshops during the academic session 2017–18 at Sagar Institute of Science and Technology, Bhopal.
- Secured First Position in the working model competition for the project "Water Purification in Rural Areas" at the 7th State Level Model Competition (2000).
- Received Honorarium for being the District Topper in the High School Examination (1999).
- Secured First Position in the 4th State Level Environment Awareness Examination (2000).
- Secured First Position in the 3rd State Level Environment Awareness Examination (1999).
- Secured First Position in the State Level International Gayatri Pariwar's Bhartiya Sanskriti Gyan Examination (1999).
- Secured First Position in the District Level Children's Science Congress (1999).
- Secured First Position in a Project Competition organized by the Indian Forest Organization, Jabalpur (1998).
- Secured First Position in District in the Akhil Bhartiya Sanskriti Gyan Examination, Haryana (1997).

And many more...

AWARDS

- ❖ **Appreciation:** Secured Amity University Chhattisgarh a *4-star rating* in the Institute Innovation Council (Central Zone) for the periods **July 2021–June 2022** and **July 2022–June 2023**, awarded by the Ministry of Education, Government of India.

- ❖ **Appreciation:** Secured Amity University Chhattisgarh a *Top Five Position* in the Institute Innovation Council (Central Zone) for **July 2020–June 2021**, awarded by the Ministry of Education, Government of India.
- ❖ **Appreciation:** Secured Amity University Chhattisgarh a *Top Five Position* in the Institute Innovation Council (Central Zone) for **July 2019–June 2020**, awarded by the Ministry of Education, Government of India.
- ❖ **Award:** *Best Poster Presentation* by the Indian Institute of Technology, Indore, in **February 2023**.
- ❖ **Award:** *Best Poster Presentation* by the Indian Institute of Technology, Indore, in **February 2022**.
- ❖ **Award:** Conferred the *Global Outreach Research Award* for excellence as "*Young Researcher in Computer Science and Engineering*" (Certificate No: GOREA/2019/RO90) on **July 31, 2019**, Bengaluru, India.
- ❖ **Guidance:** Served as **SPOC** and guided a team in the *National Event Smart India Hackathon (2019, 2022), Software Edition*, organized by the Ministry of Human Resource Development, Government of India, securing **First Position**.
- ❖ **Award:** *Best Research Paper* for the article "*Hybrid Region-Based Method for Interactive Analysis of Images*" at the *National Conference on Emerging Trends in Engineering Technology and Management (2019)*.
- ❖ **Award:** *Best Research Paper* for the article "*Object Boundary Detection through Robust Active Contour-Based Method with Global Information*" by WJTER.
- ❖ **Achievement:** University Topper with **80.53%** in Bachelor of Engineering (**2005**).
- ❖ **Achievement:** Secured **Second Position** in the *National Level Children's Science Congress (1999)*, catalyzed and supported by the National Council for Science & Technology Communication, Government of India, and sponsored by the Department of Tribal Development, Government of Madhya Pradesh.
- ❖ **Appreciation:** Achieved the *best results in Computer Graphics and Multimedia* for **8 consecutive semesters** at the Sagar Group of Institutes.
- ❖ **Recognition:** Received recognition for exemplary work from the *Sagar Institute of Science and Technology, Bhopal*.
- ❖ **Award:** Received the *Students' Choice Award* based on students' feedback at the *Sagar Institute of Science and Technology, Bhopal*.

ADMINISTRATIVE RESPONSIBILITY UNDERTAKING

Dy. Director Innovations Amity University Chhattisgarh: 2024

Head & Principal Investigator – Chief Executive Officer (PI-CEO)

Amity Innovation Incubator Raipur: 2024

University Head PhD Program: 2024

Program Director Ph.D.: 2018–2024

School Ph.D. Program Coordinator: 2019–2024 (inclusive of academic years: 2019–2020, 2020–2021, 2021–2022, 2022–2023, 2023–2024)

Secretary Faculty Research Committee Ph.D.: 2021–2024 (inclusive of academic years: 2021–2022, 2022–2023, 2023–2024)

Member, Board of Studies: 2018–2024 (inclusive of academic years: 2018–2019, 2019–2020, 2020–2021, 2021–2022, 2022–2023, 2023–2024)

Contributions to Hackathons and Innovation

Single Point of Contact (SPOC): 2018–2024

Achievements:

2 Teams secured First Prize in Smart India Hackathon 2022.

1 Team secured First Prize in Smart India Hackathon 2019.

1 Student selected for Singapore-India Hackathon 2019.
Actively involved in Smart India Hackathon (2020, 2021, 2022, 2023).
Actively involved in India-Singapore Hackathon (2019, 2020, 2021, 2022).
Participated in India-ASEAN Hackathon of 11 Asian Countries (2020, 2021).
Participated in DST & Texas Instruments Innovation Challenge (2019, 2020).

Coordination and Innovation Activities

Nodal Centre Coordinator:

Indian Institute of Remote Sensing-Indian Space Research Organisation Outreach Programme: 2020–2024.

Innovation Activity Coordinator:

MHRD Institution Innovation Council, Amity University Chhattisgarh, Raipur: 2018–2024.

Innovation Ambassador:

MHRD Institution Innovation Council, Amity University Chhattisgarh, Raipur: 2020–2024.

University Coordinator/ Convener:

Institute Innovation Council: 2018–2024.

Coordinator:

Student Innovation and Startups: 2018–2024.

E-Cell and Incubation Center Coordinator:

ASET: 2018–2024.

Academic and Administrative Roles

Head of Department:

Amity School of Engineering and Technology, Amity University Chhattisgarh, Raipur: November 2018–January 2020.

Department of Computer Science and Engineering, Bansal Institute of Research and Technology, Bhopal: May 2011–June 2012.

Tutor Guardian Coordinator (Head): 2016–2018.

Lab In-Charge:

Thakral College of Technology, Bhopal: 2008–2011 (inclusive of academic sessions 2008–2009, 2009–2010, 2010–2011).

Research Coordinator:

Sagar Institute of Science and Technology, Bhopal: 2017–2018.

Academic Coordinator:

Amity University Chhattisgarh, Raipur: 2018–2020.

Member, Research and Development Cell:

Amity University Chhattisgarh, Raipur: 2018–2024.

Member, Institute-Industry Interaction Cell:

Amity University Chhattisgarh, Raipur: 2018–2024.

PERSONAL DETAILS

Language:	English, Hindi
Nationality:	Indian
Countries Visited:	Germany, France