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| **Dr. Rohit Raja – Profile** **Dr. Rohit Raja** Associate Professor Department of Information Technology, Guru Ghasidas Vishwavidyalaya (Central University), Bilaspur (C.G).Email: - drrohitraja1982@gmail.com, rohit.raja@ggu.ac.inPhone: - +917000559696, 9827164467 |

**Professional Teaching Experience:**

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| --- | --- | --- | --- |
| **S. No.** | **College** | **Position** | **Duration** |
| **1** | Guru Ghasidas Vishwavidyalaya (Central University), Bilaspur (C.G).  | Associate Professor  | 24 Feb 2020 to till date …. |
| **2** | SREYAS Institute of Engineering and Technology, Nagole Hyderabad 500068 | Professor | 26 June 2017 to 22 Feb 2020 |
| **3** | Shri Shankaracharya Technical Campus (SSTC), Bhilai, CG, India | Sr Assistant Professor | 1. July 2006 to 24 June 2017
 |
| **4** | Continuing Education Cell in National Institute of Engineering, Raipur Chhattisgarh.  | Tutor  |  05 Feb 2006 to 10 Apr 2006 |

**Educational Qualification:**

* Post-Doctoral Research Work from Pentagram Research Centre Private Limited, Hyderabad, Telangana State, India under Dr E. G Rajan in 3D Medical Image processing.
* PhD in Computer Science and Engineering from Dr. C. V. Raman University Bilaspur (C.G.) Enrollment number CV/17211/1308 Date of Registration 03/01/2012 and final defense on 22 Aug 2016.
* M. E. Computer Technology and Applications passed in the year 2009 from Chhattisgarh Swami Vivekananda Technical University, Bhilai (Chhattisgarh) securing CPI **8.80**.
* B. E. Computer Science passed in the year 2004 from Pt. R.S.U University, Raipur securing **67%** of marks.

**Field of interest:**

 Digital Image Processing

 Medical Image Processing

 Computer Vision

 Pattern Classification

 Video Surveillance.

 Machine Learning

 Deep Learning

 Pattern Recognition

**Work Assign by Management and Department**

* Court member of GGV (A Central University) Bilaspur (2021 to 2023)
* Head of the Department of Information Technology School of Studies (Engineering and Technology) (From Aug 2020 to Nov 2024).
* Nodal officer for Skill Development Cell at GGV (A Central University). (2020 to 2024)
* NBA Co-Coordinator of School of Studies (Engineering and Technology), GGV (A Central University).
* Member of School Board at School of Studies (Engineering and Technology), GGV (A Central University).
* NAAC Criteria 2 coordinator at GGV (A Central University).
* Members of Board of Studies of CSE and IT Department at SSTC Bhilai, CG Indian.
* Training and Placement Coordinator (SoS, E&T)
* Criteria 5 Head for NBA in Sreyas Institute of Engineering and Technical, Hyderabad.
* Criteria 3 Head for NAAC in Sreyas Institute of Engineering and Technical, Hyderabad.
* MTech (CSE) Coordinator in Sreyas Institute of Engineering and Technical, Hyderabad.
* R&D Coordinator of CSE Department in Sreyas Institute of Engineering and Technical, Hyderabad.
* Domain Head for CSE Department in Sreyas Institute of Engineering and Technical, Hyderabad.
* Member of Board of Studies of CSE at University Level (CSVTU Bhilai).

**Details about Ph.D. Programme:**

Ph.D Thesis titled: **“DESIGN AND DEVELOPMENT OF FACE MODEL FOR THE RECOGNITION OF HUMAN-FACE BASED ON MORPHOLOGICAL IMAGE PROCESSING USING HIGH-END COMPUTING TECHNIQUE”.**

* Supervisor: **Dr. T. S. Sinha**

 Director (Academics and Research),

 Camellia Institute of Technology, Digberia,

 Madhyamgram, Kolkata, India

 Phone no. 09752118745, Email :- tssinha1968@gmail.com

* Co-Supervisor**: Dr Ravi Prakash Dubey**

Professor of Mathematics

 Dr C.V Raman University Bilaspur, CG, India

Phone no. +919617779311

 Email :- ravidubey\_1963@yahoo.co.in

**Research Link:**

 <https://scholar.google.com/citations?user=Kzs8uNYAAAAJ&hl=en&oi=ao>

 <https://www.scopus.com/authid/detail.uri?authorId=36952256400>

 <https://www.researchgate.net/profile/Rohit-Raja-2>

 <https://orcid.org/0000-0003-1195-497X>

**Publications Summary: -**

Projects  **: 04**

Patent (National) **: 13 Granted, 07 Published**

 Patent (International) **: 11 Granted**

 Copyright **: 02**

International Journal **: 91**

 International Conference : **37**

 National Conference **:** **05**

 Books : **12 Published, 03 Ongoing**

 Book Chapters **:** **16**

**Project: -**

1. CO\_PI of Project title: - **“Establishing the TEC at GGV Bilaspur”** Total cost of Rs 3,56,60,000/- (Three Crore Fifty-Six Lakhs Sixty Thousand only) for the duration of 5 Years, dated 09/03/2023.
2. CO-PI of Project Title: - **“Evaluating the Socio-Economic and Health Outcomes of Jal Jeevan Mission in Tribal Areas of Bilaspur and GPM Districts, Chhattisgarh”** Total Cost of Rs 900000/- (Nine Lakhs) Collaborative Empirical Research Project on Jal Jeevan Mission by ICSSR (2024-25)
3. Nodal officer/ SPOC for **PMKVY 4.0| Special Projects| Skill Hub Initiative** for Guru Ghasidas Vishwavidyalaya has been allocated 2310 targets for implementing training under PMKVY4.0.
4. **Nodal faculty/ Principal Investigator for capacity building of students in Central and State Universities, Involving them in low-cost evaluation studies/ impact assessment studies.**

**National Patent Filed, Published and Granted: -**

1. **Indian Patent Granted:** An Apparatus and method for remotely monitoring an aquatic animal and classification thereof, Application Number 201941034109 and filing Date 23/08/2019, Publication date 27/09/2019. Granted Application, **Patent Number: 350637**, Date of certificate Issue 02/11/2020.
2. **Indian Patent Granted: -** Face Emotions Recognition Based on Deep Learning for Smart and Secured Child Care Taker, Application Number 202111002128, filing Date 17/01/2021, Publication date 29/01/2021, **Patent number 385681**, Date of certificate Issue 30/12/2021.
3. **Indian Patent Granted: -** Method and System for rendering a panoramic view of traffic to a driver of a vehicle, Application Number 201941000049, Date of Filing Application 01/01/2019, Publication Date: 08/02/2019, **Patent number 385899,** Date of certificate Issue 03/01/2022.
4. **Indian Patent Granted**: - System and Method for Object Detection and Object Tracking for Traffic Surveillance, Application Number 202121026466 and filing Date 14/06/2021, **Publication date 23/07/2021**. **Patent number** **389902,** Date of certificate Issue 21/02/2022.
5. **Indian Patent Granted**: -Method and System for wirelessly charging of an appliance, Application Number 201811040942, Date of Filing Application 30/10/2018, Publication Date: 28/12/2018, **Patent number 394722**, Date of certificate Issue 12/04/2022.
6. **Indian Patent Granted**: -An Unmanned Aerial Vehicle for Surveillance**,** Application Number 202021045472 and filing Date 20/10/2020, Publication Date 13/11/2020. Patent number401497, Date of certificate Issue 18/07/2022.
7. **Indian Patent Granted:** Mechanisms to Prevent Road Accidents in Low Light Intensity Environments Using a Drone System**,** Application Number 201821047908, Date of Filing Application 18/12/2018, Publication Date: 08/02/2019, Granted Application dated 17/01/2023, Patent Number :418358.
8. **Indian Patent Granted: -- S**ystem and Method for Capturing Groundwater Potential-Zone Integrating Artificial Neural Network and Groundwater Influencing Factors**,** Application Number 202221054753 and filing Date 23/09/2022, Publication date 28/10/2022. Granted Application dated 04/05/2023, Patent Number :431128.
9. **Indian Patent Granted: -- Method** and System for determining a position of an object in a suspicious condition, Application Number: 201941004200, Date of Filing Application 02/02/2019. Publication Date: 08/02/2019. Granted Application dated 29/12/2023, Patent Number :492236.
10. **Indian Patent Granted: --** Method and System for Aiding driver of a vehicle to ensure a safe driving environment, Application Number 201941000050, Date of Filing Application 01/01/2019, Publication Date: 08/02/2019. Granted Application dated 28/12/2023, Patent Number :490924.
11. **Indian Patent Granted: -** An Artificial Intelligence and Machine Learning Based Automatic Penalty Device and Its Method Thereof, Application Number 202221038454 and filing Date 04/07/2022, Publication date 22/09/2023. Granted Application dated 04/07/2024, Patent Number: 511900.
12. **Indian Patent Granted: - A** System and Method for Finding Suitable Solar Panel Installation Site, Application Number 202321008005 and filing Date 08/02/2023, Publication date 17/02/2023, Granted Application dated 07/05/2024, Patent Number: 537087.
13. **Indian Patent Granted: -** Methods and Systems for Rendering Road Information form a First Vehicle to a second Vehicle, Application Number 201841044218, Date of Filing Application 23/11/2018, Publication Date: 07/12/2018, Granted Application dated 02/05/2025, Patent Number: 565949.
14. **Patent Published: -** Method And System for Suspicious Detection in Road Traffic Using Aerial View Surveillance Video, Application Number 202541073662 and filing Date 01/08/2025, Publication date 22/08/2025
15. **Patent Published: -** Deep Learning Based Robotic Judge for Rash Driving Crime, Application Number 202141002082 and filing Date 16/01/2021, Publication date 22/01/2021.
16. **Patent Published:** Systems and methods for Two-Wheeler Security**,** Application Number 201921008522 and filing Date 05/03/2019, Publication Date 16/08/2019.
17. **Patent Published**: Identify Pollutants from Vehicle Exhaust at Toll Plazas with Provision of Penalty, Application Number: 201911005535, Filing date 12/02/2019, Publication Date 12/07/2019
18. **Patent Published:** Computer Vision and Its Application in Assessment of Cognitive Ability of Human Brain, Application Number 201821034835, Date of Filing Application 15/09/2018, Publication Date: 07/12/2018.
19. **Patent Published:** A Novel Smart Carbonless Cooking Gasifier, Application Number 202031044344 Date of Filing Application 12/10/2020, Publication Date: 04/12/2020.
20. **Patent Published:** - System and Method for providing Cyber Security in Big Data, Application number 2020 Filed on 08/06/2020.

**International Patent Published and Granted: -**

1. **Australian Patent Granted: -** SBDA- Secured Bra for women safety, smart and secured bra for women safety based on Deep Learning Algorithms, Patent Number 2020102636. Granted on: - 2020-10-08.
2. **Australian Patent Granted: -** An apparatus and method for remotely monitoring an aquatic animal and classification thereof, Application Number 2020103852. Granted on: - 2020-12-02
3. **Australian Patent Granted: -** Dynamic Digital Twin System and A Method of Operating Thereof, Patent number 2020103853, Granted on: - 2020-12-02.
4. **Australian Patent Granted: -** A System and A Method for Automated Irrigation Using Internet of Things, Application Number 20201043853, Granted on: - 2020-12-29.
5. **Australian Patent Granted: -** Self-Cleaning and Germ-Killing Revolving Public Toilet for Covid, Patent Number 2021100059, filed on - 2021-01-06. Granted on: 10/03/2021
6. **Australian Patent Granted: -** Novel 3d Printed Bionic Prosthetic Leg Application Number 2021100285. Granted on: - 2021-01-17.
7. **Australian Patent Granted:** - An Internet of Things Based Smart Parking System and Its Method Thereof, Application Number 2021102314, Granted on 2021-05-01.
8. **Australian Patent Granted: -** Delicate Vibratory Instrument for Neonates Oral Motor Simulation Patent Number: - 2021101385. Granted on: - 2021-03-17.
9. **Australian Patent Granted: -** A System and Method for Preventing Corona Virus Transmission, Patent Number: - 2021102958, Granted on: - 2021-05-29.
10. **Australian Patent Granted:** - An Emotion Detection System and Method Using Pattern Recognition, Patent Number: - 2021106885.
11. **Germany Patent Granted: -** Traffic surveillance system, Application number 20 2021 103 650.8 Filling Date 07/07/2021 Granted on: 04/03/22

**Copy Right Grant:**

1. **Copy Right Grant: -** AROGYA ODISHA- A Novel Mobile Application Based Empowering Telemedicine, Registration Number: L-98057/2020
2. **Copy Right Grant: -** IOT Based Disinfectant Sanitizer Tunnel Against Covid-19 Using Human Detecting Sensors and End to End Security Model, Registration Number: L-98059/2020.

**International Journals (SCI and Scopus)**

1. Pandey, Prapti. , Shukla, Vivek. , Miri, Rohit. , Chouksey, Praveen. , Dubey, Parul. , Raja, Rohit. Exploring the Relationship between Social Network Structures and Emotional Contagion using NLP and Network Science. Journal of Intelligent Systems and Internet of Things, vol.no., 2026, pp.239-257. **DOI:**[**https://doi.org/10.54216/JISIoT.180 217**](https://doi.org/10.54216/JISIoT.180%20217). [**Scopus Index Impact Factor- .279].**
2. Dheeraj Agarwal, Ankit Kumar, Abhishek Kumar, **Rohit Raja**, Amit Kumar Dewangan
Manoj Kumar, Navigating Beyond Sight: A Real-Time 3D Audio-Enhanced Object Detection System for Empowering Visually Impaired Spatial Awareness, Signal, Image and Video Processing  **Scopus Index Impact Factor- .523].**
3. Ankit Kumar, Abhishek Kumar, **Rohit Raja**, Amit Kumar Dewangan
Manoj Kumar, Dheeraj Agarwal, Revolutionising anomaly detection: a hybrid framework for anomaly detection integrating isolation forest, autoencoder, and Conv. LSTM. Knowl Inf Syst (2025). https://doi.org/10.1007/s10115-025-02580-6 [**SCI Index Impact Factor- 3.1].**
4. Agnivesh Pandeya, **Rohit Raja,** Pannee Suanpang, Manoj Gupta, Farhan A. Alenizi, and Aziz Nanthaamornphong, (2025) Deep learning enabled garbage classification and detection by visual context for aerial images, Applied Computational Intelligence and Soft Computing. Article ID: ACIS9106130, Article DOI: 10.1155/acis/9106130 **[SCI Index Impact Factor- 2.9].**
5. Nema, N.K., Shukla, V., Miri, R. **Raja, R*.,***(2025) Sentence type identification-based product review sentiment analysis using BeDi-DC and Log-Squish CNN. J Cloud Comp **14**, 27 (2025). <https://doi.org/10.1186/s13677-025-00756-7>. [**SCI Index Impact Factor- 1.7]**

1. Parul Dubey, Pushkar Dubey, **Rohit Raja**, Sapna Singh Kshatri, Bridging language gaps: The role of NLP and speech recognition in oral english instruction, MethodsX, Volume 14, 2025, 103359, ISSN 2215-0161, <https://doi.org/10.1016/j.mex.2025.103359>. [**SCI Index Impact Factor- 1.7]**
2. Singh, A.K., Mazumdar, B.D., Raja, R. *et al.* Transforming Early Breast Cancer Detection: A Deep Learning Approach Using Convolutional Neural Networks and Advanced Classification Techniques. *Int J Comput Intell Syst* **18**, 134 (2025). <https://doi.org/10.1007/s44196-025-00876-7> [**SCI Index Impact Factor- 2.5]**
3. Jain, A., **Raja, R**., Kumar, M., & Verma, P. K. (2025). A novel classification of meditation techniques via optimized chi-squared 1D-CNN method based on complexity, continuity and connectivity features. *Connection Science*, *37*(1). <https://doi.org/10.1080/09540091.2025.2467387>. [**SCI Index Impact Factor- 3.2]**
4. Pandey, A., Raja, R. Enhanced graph convolutional remora dual-attentive network-based object detection and tracking framework for aerial images. *Multimed Tools Appl* (2025). <https://doi.org/10.1007/s11042-025-20726-0>, [**SCI Index Impact Factor- 2.9]**
5. A. Pandey, **Rohit Raja**, Sumit Srivastava; Krishna Kumar, Manoj Gupta, (2024) "Bio-Inspired Object Detection and Tracking in Aerial Images: Harnessing Northern Goshawk Optimization," in IEEE Access, vol. 12, pp. 174028-174040, 2024, doi: 10.1109/ACCESS.2024.3502033. [**SCI Index Impact Factor- 3.4]**
6. Abhishek Jain, **Rohit Raja**, Sumit Srivastava, Prakash Chandra Sharma, Jayesh Gangraded and Manoj R (2024), Analysis of EEG signals and data acquisition methods: a review , Computer Methods In Biomechanics And Biomedical Engineering: Imaging & Visualization, <https://doi.org/10.1080/21681163.2024.2304574> (2024) [**SCI Index Impact Factor- 2.18]**
7. Kailash P. Dewangan, Padma Bonde, **Rohit Raja**, Upasana Sinha, Sumit Srivastava**,** Reliable Localisation-Based Failure Node Detection in Optimal Route with Privacy-Preserving in Manet, Int. J. of Wireless and Mobile Computing. (2024) Accepted [**SCI Index Impact Factor- 0.446]**
8. Kailash P. Dewangan, Padma Bonde, **Rohit Raja,** Jyotirmay chhatterjee (2024)**,** An Efficient Node Localization and Failure Node Detection in Manet Environment, Telecommunication Systems. Telecommun Syst 85, 313–329 (2024). https://doi.org/10.1007/s11235-023-01087-1 [**SCI Index Impact Factor- 2.5]**
9. Abhishek Jain, **Rohit Raja (2023**). Automated Novel Heterogeneous Meditation Tradition Classification via Optimized Chi-Squared 1DCNN Method. Journal of Information Technology Management*,*15(Special Issue: EIntelligent and Security for Communication, Computing Application (ISCCA-2022)), 1-22. doi: 10.22059/jitm.2023.95223. **[Scopus index]**
10. Sumati Pathak, Hiral Raja, Sumit Srivastava, **Rohit Raja**, Amit Kumar Dewangan, “A deep learning framework for students' academic performance analysis. CSIT 11, 179–191 (2023). https://doi.org/10.1007/s40012-023-00388-9 [**SCI Index Impact Factor- 1]**
11. Prakash Chandra Sharma, **Rohit Raja**, Santosh Kumar Vishwakarma & Venkatesh Gauri Shankar, Demystifying Cognitive Informatics and its Applications in Brain-Computer Interface. Wireless Pers Commun (2023). <https://doi.org/10.1007/s11277-023-10192-y>. **[SCI Index Impact Factor – 2.017]**
12. Vinodini Gupta, Padma Bonde, **Rohit Raja** & Sandeep Kumar, Comparison of Cumulative Power Consumption with Signal Strength Variations in New Generation Wireless Networks. Wireless Pers Commun (2023). <https://doi.org/10.1007/s11277-023-10171-3>. **[SCI Index Impact Factor – 2.017]**
13. Sandeep Kumar**, Rohit Raja**, Md Rashid Mahmood, and Shilpa Choudhary, “A Hybrid Method for the Removal of RVIN Using Self Organizing Migration with Adaptive Dual Threshold Median Filter” in Sensing and Imaging Springer Journal. 24, 9 (2023). https://doi.org/10.1007/s11220-023-00414-9 [**SCI Index Impact Factor –2.2].**
14. **Rohit Raja,** Prakash Chandra Sharma, Md Rashid Mahmood, Dinesh Kumar Saini, Analysis of Anomaly Detection in Surveillance Video: Recent Trends and Future Vision, Multimedia Tools and Applications. https://doi.org/10.1007/s11042-022-13954-1 [**SCI Index Impact Factor – 2.757].**
15. Ramakant Chandrakar, **Rohit Raja**, Rohit Miri, Raj Kumar Patra, Upasana Sinha, Computer Succored Vaticination of Multi-Object Detection and Histogram Enhancement in Low Vision. Int. J. of Biometrics. Special Issue: Investigation of Robustness in Image Enhancement and Preprocessing Techniques for Biometrics and Computer Vision Applications, Vol. 15, No. 3-4, pp 255–271, February 7, 2023 https://doi.org/10.1504/IJBM.2023.130671 **[SCI Index Impact Factor – 1.2].**
16. Prakash Chandra Sharma, **Rohit Raja**, Santosh Kumar Vishwakarma, Sanjiv Sharma, Analysis of Brain Signal Processing and Real-Time EEG Signal Enhancement, Multimedia Tools and Applications. <https://doi.org/10.1007/s11042-022-12887-z>, pp 1-21. [**SCI Index Impact Factor – 2.757].**

1. **Rohit Raja,** Dinesh Gupta, Neeraj Varshney, Abhishek Kumar, Detection of Behavioral Patterns Employing a Hybrid Approach of Computational Techniques, Computers, Materials & Continua, Vol. 72, No.1, pp. 2015–2031, 2022. **[SCI Index Impact Factor – 3.860].**
2. Amiya Kumar Sahu, Suraj Sharma, **Rohit Raja**, Deep Learning-based Continuous Authentication for an IoT-enabled healthcare service, Computers & Electrical Engineering, Volume 99, 2022, 107817, ISSN 0045-7906, <https://doi>.org/10.1016/j.compeleceng.2022. 107817. [**SCI Index Impact Factor – 4.152].**
3. Ramakant Chandrakar, **Rohit Raja**, Rohit Miri, Alok Kushwaha, Enhanced the moving object detection and object tracking for traffic surveillance using RBF-FDLNN and CBF algorithm, Expert Systems with Applications. 116306, ISSN: 0957-4174, https://doi.org 10.1016/j.eswa.2021.116306. **[SCI Index Impact Factor – 8.665]**.
4. Sonam Pandey, Rohit Miri, G. R. Sinha, **Rohit Raja**, AFD Filter and E2n2 Classifier for Improving Visualization of Crop Image and Crop Classification in Remote Sensing Image, International Journal of Remote Sensing. Vol 43, Iss 1, <https://doi.org/10.1080/01431161.2021.2000062> [**SCI Index Impact Factor – 3.531].**
5. Ramakant Chandrakar, **Rohit Raja**, Rohit Miri. Animal detection based on deep convolutional neural networks with genetic segmentation. Multimed Tools Appl (2021). https://doi.org/10.1007/s11042-021-11290-4 [**SCI Index Impact Factor – 2.757].**
6. **Rohit Raja**, Sandeep Kumar, Shilpa Choudhary, Hemlata Dalmia, An Effective Contour Detection based Image Retrieval using Multi-Fusion Method and Neural Network, Submitted to Wireless Personal Communication, PREPRINT (Version 2) available at Research Square DOI: 10.21203/rs.3.rs-458104/v1.

1. Amiya Kumar Sahu, Suraj Sharma, M. Tanveer, **Rohit Raja,** Internet of Things attack detection using hybrid Deep Learning Model, Computer Communications, Vol. 176, 2021, PP. 146-154, ISSN 0140-3664, https://doi.org/10.1016/j.comcom.2021.05.024., [**SCI Index Impact Factor – 5.047].**
2. Sandeep Kumar, Arpit Jain, Anand Prakash Shukla, Satyendra Singh, **Rohit Raja**, Shilpa Rani “A Comparative Analysis of Machine Learning Algorithms for Detection of Organic and Nonorganic Cotton Diseases," Mathematical Problems in Engineering, vol. 2021, Article ID 1790171, 18 pages, 2021. https://doi.org/10.1155/2021/1790171. [**SCI Index Impact Factor – 1.009].**
3. K. Rohit Kumar, **Rohit Raja**. “Broadcasting the Transaction System by Using Blockchain Technology”. Design Engineering, June 2021, pp. 2115 -21, http://thedesignengineering .com/ index.php/DE/article/view/1912. **[Scopus Index]**
4. Laxmikant Tiwari, **Rohit Raja**, Vineet Awasthi, Rohit Miri, G.R. Sinha, Monagi H. Alkinani, Kemal Polat, Detection of lung nodule and cancer using novel Mask-3 FCM and TWEDLNN algorithms, Measurement, Volume 172, 2021, 108882, ISSN 0263-2241, <https://doi.org/10.1016/j.measurement.2020.108882>. **[SCI Index Impact Factor – 5.131]**
5. **Rohit Raja**, Sandeep Kumar, Md Rashid, Color Object Detection Based Image Retrieval using ROI Segmentation with Multi-Feature Method, in Wireless Personal Communication Springer Journal, Print ISSN0929-6212 online ISSN1572-834 pp-1-24, [https://doi.org/10.1 007/s11277-019-07021-6](https://doi.org/10.1%20007/s11277-019-07021-6). **[SCI Index Impact Factor – 1.061]**
6. Santosh Kumar Vishwakarma, Prakash Chandra Sharma, **Rohit Raja**, Vandana Roy, Sakshi Tomar, An Effective Cascaded Approach for EEG Artifacts Elimination, International Journal of Pharmaceutical Research, Vol 12, Issue 4, ISSN 0975-2366, <https://doi.org/10.31838/ijpr/2020.12.04.653>. **[Scopus Index Impact Factor- 0.28]**
7. Sumati Pathak, **Rohit Raja**, Vaibhav Sharma, Srinivas Ambala, ICT Utilization and Improving Student Performance in Higher Education, International Journal of Recent Technology and Engineering (IJRTE) at Volume-8 Issue-2, pp. 5120-5124, July 2019. **[Scopus Index Impact Factor- 0.11]**
8. Rakesh Kumar Lenka, Amiya Kumar Rath, Zhiyuan Tan, Suraj Sharma, Deepak Puthal, N V R Simha, **Rohit Raja**, Shankar Sharan Tripathi, and Mukesh Prasad Building Scalable Cyber-Physical-Social Networking Infrastructure Using IoT and Low Power Sensors, , Vol. 6, Iss. 1, pp. 30162-30173, Print ISSN: 2169-3536, Online ISSN: 2169-3536, Digital Object Identifier: 10.1109/ACCESS.2018.2842760. **[SCI Index Impact Factor- 3.74]**
9. **Rohit Raja**, Tilendra Shishir Sinha, Raj Kumar Patra and Shrikant Tiwari (2018), Physiological Trait Based Biometrical Authentication of Human-Face Using LGXP and ANN Techniques, Int. J. of Information and Computer Security, Vol. 10, Nos. 2/3, pp. 303- 320. **[Scopus Index Impact Factor- 0.8]**
10. **Rohit Raja**, Tilendra Shishir Sinha, Ravi Prakash Dubey (2015), Recognition of human-face from side-view using progressive switching pattern and soft-computingtechnique**,** Association for the Advancement of Modelling and Simulation Techniques in Enterprises, Advance B, Vol. 58, N 1, pp. 14-34, ISSN: -1240-4543. **[Scopus Index]**
11. Tilendra Shishir Sinha, Raj kumar Patra, and **Rohit Raja** (2011) A Comprehensive analysis of human gait for abnormal foot recognition using Neuro-Genetic approach, International Journal of Tomography and Statistics (IJTS), Vol. 16, No. W11, pp. 56-73, ISSN: 2319-3339, <http://ceser.res.in/ceserp/index.php/ijts>. **[Scopus Index]**

**International Journals (UGC and Others)**

1. Jain, S., Mahmood, Md. R., **Raja, R**., Laxmi, K.R., Gupta, A. (2020). Multi-Label Classification for Images with Labels for Image Annotation. SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology, Volume 12, Special Issue (3), 183-188.
2. Mahmood, Md. R., **Raja, R**., Gupta, A., Jain, S. (2020). Implementation of Multi Sensor and Multi-Functional Mobile Robot for Image Mosaicking. SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology, Volume 12, Special Issue (3), 189-196.
3. Mahmood M, Mohan A, **Raja R**, Gupta A. Parametric Linear Subspace Method for Face Recognition and Pose Estimation. sms[Internet]. 30Nov.2020 [cited 16May2021]; 12(SUP 3):150-6. Available from: <https://smsjournals>.com/index.php/ SAM RIDDHI /article /view/2216
4. Ramakant Chandrakar, **Rohit Raja**, Rohit Miri, S R Tandan, Vehicle Detection on Sanctuaries Using Spatially Distributed Convolutional Neural Network, SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology, Volume 12, Special Issue (3), 116-121.
5. Ramakant Chandrakar, **Rohit Raja**, Rohit Miri, S R Tandan, K. Ramya Laxmi, Detection and Identification of Animals in Wild Life Sancturies using Convolutional Neural Network, ‘International Journal of Recent Technology and Engineering (IJRTE)’ that will publish at Volume-8 Issue-5, January 2020 in Regular Issue on 30 January 2020.
6. Ramakant Chandrakar, Rohit Miri, **Rohit Raja**, Maguluri Sudeep Joel, object Recognition Using Deep Learning, The International Journal of Analytical and Experimental Modal Analysis Page No:885-911, DOI:18.0002. IJAEMA. 2020.V1 2I9.2000 01.0156 8590054534.
7. N. Swapna, **Rohit Raja**. An Improved Network-Based Spam Detection Framework for Review In online social media, Published in International Journal of Scientific Research in Engineering and Management (IJSREM) Vol. 03, Iss. 09, Sep 2019, ISSN 2590-1892.
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16. Md Rashid Mahmood, Mohd Rizal Arshad, **Rohit Raja,** Deepika Ingle, Biomedical Signal and Image Processing using Deep Learning: A Comprehensive Approach, is to be published by, Wiley & Scrivener Publishing in 2023. **(Ongoing).**

**Book Chapters**

1. Tilendra Shishir Sinha, Devanshu Chakraverty, Rajkumar Patra and **Rohit Raja,** “Modelling **and Simulation for the Recognition of Physiological and Behavioural Traits Through Human Gait and Face Images**”, Discrte Wavelet Transforms- A Compendium of New Approaches and Resents Application, by intech China ISBN 978-953-51-0940-2, pp. 95-125, Feb 2013, edited by Dr. Awad Kh. Al. Asmari <http://dx.doi.org/10.5772/52565>.
2. Tilendra Shishir Sinha, Raj Kumar Patra, **Rohit Raja** and Ravi Prakash Dubey, “**Progressive-Regressive Strategy for Biometrical Authentication**”, In the press to be published as a Book Chapter in a book entitled “Discrete Wavelet Transform” by Intech Europe, ISBN 978-953-51-4356-7, 2015 edited by Dr. Dumitru Baleanu.
3. Patra R.K., **Raja R**., Sinha T.S. (2018) **Extraction of Geometric and Prosodic Features from Human-Gait-Speech Data for Behavioral Pattern Detection**: Part II. In: Bhattacharyya S., Chaki N., Konar D., Chakraborty U., Singh C. (eds) Advanced Computational and Communication Paradigms. Advances in Intelligent Systems and Computing, Vol 706. Springer, Singapore. ISBN 978-981-10-8236-8.
4. Tiwari L**., Raja R**., Sharma V., Miri R. (2020) **Fuzzy Inference System for Efficient Lung Cancer Detection.** In: Gupta M., Konar D., Bhattacharyya S., Biswas S. (eds) Computer Vision and Machine Intelligence in Medical Image Analysis. Advances in Intelligent Systems and Computing, vol 992. Springer, Singapore. Online ISBN978-981-13-8798-2.
5. Kumar S., **Raja R**., Gandham A. (2020) **Tracking an Object Using Traditional MS (Mean Shift) and CBWH MS (Mean Shift) Algorithm with Kalman Filter.** In: Johri P., Verma J., Paul S. (eds) Applications of Machine Learning. Algorithms for Intelligent Systems. Springer, Singapore. https://doi.org/10.1007/978-981-15-3357-0\_4.
6. **Rohit Raja,** Hiral Raja, Raj Kumar Patra, Kamal Mehta, Akanksha Gupta, K. Ramya Laxmi, **Assessment methods of Cognitive ability of human brains for inborn intelligence potential using Pattern Recognition**, IntechOpen - Biometric Systems ISBN 978-1-78984-188-6
7. Sharma, P. C., Bansal, S., **Raja, R**., Thwe, P. M., Htay, M. M., & Hlaing, S. S. (2020). **Concepts, strategies, and challenges of data deduplication.** Data Deduplication Approaches: Concepts, Strategies, and Challenges, 37.
8. **Rohit Raja**, Sandeep Kumar, K. Rohit Kumar, **An Overview of Blockchain Technology, Architecture and Future Scope**, Blockchain and Machine Learning Based Emerging TechnologyPublished by is an imprint of International Book Market Service Ltd. Brivibas gatve 197, LV-1039, Riga, Latvia, European Union. ISBN No: - 9786138945503.
9. Laxmikant Tiwari, **Rohit Raja**, Vineet Awasthi, Rohit Miri **“Detection of Nodule and Lung Segmentation Using Local Gabor XOR Pattern in CT Images”**, Artificial Intelligence and Machine Learning in 2D/3D Medical Image Processing, CRC Press eBook ISBN9780429354526.
10. **Rohit Raja**, Sandeep Kumar, Shilpa Rani, K. Ramya Laxmi, “**Lung Segmentation and Nodule Detection in 3D Medical Images Using Convolution Neural Network”,** Artificial Intelligence and Machine Learning in 2D/3D Medical Image Processing, CRC Press eBook ISBN9780429354526.
11. **Rohit Raja,** Neelam Sahu, Sumati Pathak, **Teaching Learning Process and Brain Computer Interaction using ICT Tools**, “Cognitive Behavior & Human Computer Interaction based on Machine Learning Algorithm”, Wiley & Scrivener Publishing in 2021, ISBN No: - 13:9781119791607.
12. Santosh R. Durugkar, **Rohit Raja**, Kapil Kumar Nagwanshi, Sandeep Kumar, **Introduction to Data Mining**, Data Mining Technologies using Machine Learning Algorithms" is to be published by, Wiley & Scrivener Publishing in 2021 ISBN No: -13:9781119791782.
13. Santosh R Durugkar, **Rohit Raja**, Kapil Kumar Nagwanshi, Ramakant Chandrakar, Conclusion and Future Direction in Data Mining and Machine Learning Data Mining Technologies using Machine Learning Algorithms" is to be published by, Wiley & Scrivener Publishing in 2021 ISBN No: -13:9781119791782.
14. Shrikant Tiwari, **Rohit Raja**, Ramesh S. Wadawadagi, Kanchan Naithani, Hiral Raja and Deepika Ingle **Emerging Biometric Modalities and Integration Challenges**, in book Online Identity - An Essential Guide DOI: 10.5772/intechopen.1003148.
15. Swathi Gowroju, Mandeep Kumar, Sharvin Vats, Pramadvara Kushwaha, **Rohit Raja,** Unravelling the Complexities of Genetic Codes Through Advanced Machine Learning Algorithms for DNA Sequencing and Analysis, Book Editor(s): Shilpa Choudhary, Sandeep Kumar, Swathi Gowroju, Monali Gulhane, R. Sri Lakshmi, First published: 30 September 2024 <https://doi.org/10.1002/9781394268832.ch4>.
16. R. Srilakshmi, Shilpa Choudhary, Rohit Raja, Ashish Kumar Luhach, Syndrome Detection Unleashed, Book title Computer Vision Applications in Neurogenetic Diagnoses Book Editor(s): Shilpa Choudhary, Sandeep Kumar, Swathi Gowroju, Monali Gulhane, R. Sri Lakshmi First published: 30 September 2024 https://doi.org/10.1002/9781394268832.ch2

**Research Guidance**

**No of candidates Pursuing Ph.D.: 03 Completed:- 05**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No** | **Name of Candidate**  | **Year of Registration**  | **Date of** **Viva-voce** **examination** | **Area of Research** | **Status**  |
| 1 | Ms. Sumati Pathak | 2017 | 29/08/2021 | Data Mining | Completed  |
| 2 | Mr. Ramakant Chandrakar | 2017 | 05/10/2021 | Computer Vision | Completed  |
| 3 | Mr Laxmikant Tiwari | 2017 | 02/03/2022 | Medical Image Processing  | Completed |
| 4 | Mr. Kailash Prasad Dewangan | 2018 | 09/07/2025 | Computer Network | Completed |
| 5 | Mr. Abhishek Jain  | 2021 | 07/04/2025 | Biomedical Signal | Completed  |
| 6 | Mr. Agnivesh Pandey  | 2021 | 07/04/2025 | Computer Vision | Completed  |
| 7  | Mr. Dheeraj Agrawal  | 2023 | Pursuing | Computer Vision | Course Work Completed  |
| 8 | Ms Yamini Chauhan  | 2024 | Pursuing | Computer Vision | Course Work Completed |

**Research Guidance at M.E./ M.Tech Level: - 26**

1. “**A Comparative Experimental study and Analysis of Hash Function to LZW Technique of Text Compression**” Submitted by Tansen Patel student of final year ME CTA in year 2010.
2. “**Study and Analysis of Squint Eye using Neuro-Genetic Approach**” Submitted by Anamika Jain student of ME 4rd SEM in year 2011.
3. “**Human Age Classification using Support Vector Machine”** Submitted by Sangita Agrawal student of ME 4th SEM in year 2012.
4. “**Nearest Neighbor selection in peer to peer network using differential evalution** ” submitted by Ravi kumar patel student of ME 4th Sem in 2012.
5. **“RBGCA A hybrid approach of ABC and GA for Travelling Salesman Problem”** submitted by Hemant Nagpure student of ME 4th Sem in 2012.
6. **“A Clustering Based Particle Swarm Optimization Method for Digital Image Segmentation”** Submitted by Anita Tandan Student of ME 4th Sem in year 2013.
7. **“Grid based multiple features based on image mosacing”** Submitted by Richa Shukla student of ME 4th Sem in year 2013
8. **“Automatic Detection of EAR from side face image using template matching”** Submitted by Aradhana Kumara Singh student of ME 4th Sem in year 2013
9. “**Study and Implementation of a Hybrid Approach of Wavelet Transform using Lifting Scheme and Discrete Wavelet Transform Techniques**” Submitted by Keshika Jangde student of ME 4th Sem in year 2013.
10. “**Design and Implementation of Multi Sensor and Multi-functional Mobile Robot for Image Mosaicing**” Submitted by Abhishek Kumar Dewangan student of ME 4th Sem in year 2014.
11. “**Enhanced face Recognition system using PCA and Euclidean Distance Classification”** Submitted by Ashutosh Chandra Bhensle student of ME 4th Sem in Year 2014
12. **“Registration and Restoration from multiple Degraded Colour Images”** Submitted by Anil Kumar Pandey student of ME 4th Sem in year 2014.
13. “**Study and Analysis of Different Algorithms for Face Recognition**” submitted by Parul Jain student of ME 4th sem in year 2014.
14. “**Study and implementation of Parametric Linear Subspace for Face Recognition and Pose Estimation**” submitted by Yamini Chouhan student of ME 4th in year 2013
15. **“Web Mining using Pagerank Based Link Analysis”** submitted by Sanjay kumar singh student of ME 4th Sem in year 2014.
16. “**Study and Analysis of occluded image for face recognition**” Submitted by Priya Mate student of ME 4th in year 2015
17. “**Pose Invariant for Face Recognition Under Lightening Condition Using classifier**” Submitted by Mahima Verma student of ME 4th in 2015.
18. “**Digital Image Fusion Adaptive Neuro Fuzzy Inference System”** Submitted by Shradha Shukla student of ME 4th in 2016.
19. **“Moving Vehicle Detection and Tracking using Modified Mean Shift Method and Kalman Filter”** Submitted by Nikita Rawat student of ME 4th in 2016.
20. **“Facial Expression Recognition using L1-Norm Minimization-SRC”** submitted by Rehmat Khan student of ME 4th Sem in 2016.
21. **“Extreme Climate Change Event Likelihood Prediction from Year 2017-22”** submitted by Kaveri Kar student of ME 4th Sem in 2017.
22. **“Software defect prediction using averaging likelihood ensemble technique”** submitted by Riya Singh student of ME 4th Sem in 2017.
23. **“A New Framework for Trustworthiness of Cloud Services”** submitted by A. PRITHVI RAJ (15VE1D5802) student of ME 4th Sem in 2017.
24. "**CDA Generation and Integration for Health Information Exchange Based One Cloud Computing System**" M. Bhasker Raj Student of ME 4th Sem in 2018.
25. “**NetSpam: A Network Based Spam Detection Frame Work for Reviews in Online Social Media**”, Submitted by N Swapna Student of MTech 4th Sem in 2019.
26. **“Detection of Nodule and Lung Segmentation using Local Gabor XOR Pattern in CT Images”** Submitted by Pusupula Sravana Lakshmi MTech 4th Sem Student.

**Guest Lecture/ Guest Invited**

* Invited talk in one week e-STC on **“Recent Trends in Cyber-Physical Systems and Big Data”** organized by Department of Computer Science and Engineering, Dr. B R Ambedkar National Institute of Technology, Jalandhar, Punjab, India sponsored by Agmatel India Pvt Ltd. Delhi held from 4th September 2023 to 8th September 2023.
* Resource person for delivering a lecture on **“Dos and Don’ts in IPR”** in the 12th “Guru Dakshta” Faculty Induction Programme (FIP) in online mode.
* **Invited talk on** “Introduction of Trademarks” E-Faculty Development Program on IPR Awareness and Commercial Competences-(IAACC), Organized by IPR Cell, OUI Indore on 15 May 2021.
* **Invited talk on** “Introduction of Copyrights” E-Faculty Development Program on IPR Awareness and Commercial Competences-(IAACC), Organized by IPR Cell, OUI Indore on 15 May 2021.
* **Invited Talk on “**Digital Education during COVID-19 and e-Content Development” National e-Workshop under TEQIP-III organized by Government Engineering College, Raipur, CG held on 25-26 Oct 2020.
* **Invited Talk on “**Computer Technology: A Boon During Corona Pandemic held on 14-15 May 2020**”**
* **Invited Talk on “**Cloud Computing**”** One-day Webinar organized by Dr C.V. Raman Bilaspur, CG India, held on 29th July 2020
* **Invited Talk on “**Career Guidance**”** Organized byIndustry- Institution Interaction Research Organization, Bhopal, help 30th Aug 2020.
* **Invited Talk on “**Intellectual Property Rights**”** organized by GGV, SoS, E&T, Bilaspur, CG India.
* **Invited Talk** **on** “Human Gait Analysis” in National Research Seminar Cum Symposium, “Changing Environment and its Impact on Flora and Fauna” Organized by UTTAM MEMORIAL COLLEGE RAIGARH (CG) on 10th Jan 2020.
* **Invited Talk** **on** “Three Dimensional Medical Image Analysis” in National Research Seminar Cum Symposium, “Changing Environment and its Impact on Flora and Fauna” Organized by UTTAM MEMORIAL COLLEGE RAIGARH (CG) on 10th Jan 2020.

**Session Chair Head**

* **Session Chair** **Head**, in the International Conference on “Applied Mechanics, Machine Learning and Advanced Computation (AMMLAC-2022)” held virtually during 16 - 17 March 2022, organized by the Department of Mechanical Engineering and the Department of Computer Science and Engineering, NIT Raipur.
* **Session Chair Head** in technical session on the track Deep Learning in the 3rd international conference on Machine Learning, Image Processing, Network security and Data Science (MIND- 2021) held at National Institute of Technology Raipur, India during 11th – 12th December 2021
* **Session Chair Head** in 2nd International Conference on International Conference on Artificial Intelligent, Blockchain & Data Science (ICAIBDS-2019).
* **Session Chair Head** in IEEE Conference ICCCA-2018 on 14th-15th December at Greater Noida, India.
* **Session Chair Head** in 8th International Conference on Innovations in Electronic & Communication Engineering (ICIECE-2019), 2- 3 Aug 2019.
* **Session Chair Head** in 2nd International Conference on Innovative Practices in Research in Transdisciplinary Areas (IPRT- 2019) conducted in Andhra Mahila Sabha Arts and Science college for Women on 13 Oct 2019 Hyderabad
* **Session Chair Head** in International Conference on Emerging Trends in Engineering Technology Management & Science ICEETMS 2019 on 23rd and 24th Sep Ashoka Institute of Engineering and Technology, Hyderabad.

**FDP/Conferences/Workshop Conducted**

1. **Conference Chair/Convener** of 2nd International Conference on Artificial Intelligent, Blockchain & Data Sciences (ICAIBDS), 29th-30th November, 2019, Hyderabad.
2. **Organizing Chair** of 2nd International Conference on Innovative Practices in Research in Transdisciplinary Areas (IPRT- 2019) conducted in Andhra Mahila Sabha Arts and Science college for Women on 13 Oct 2019 Hyderabad

**Special Sessions in International Conference**

1. SPECIAL SESSIONS on **Artificial Intelligent and IoT based Applications in Healthcare and Cyber Security,** “Data Engineering and Communication Technology (ICDECT2020), September 25-26, 2020 https://kitsw.ac.in/icdect2020/ Department of Electronics and Communication Engineering Kakatiya Institute of Technology & Science, Warangal (An Autonomous Institute under Kakatiya University, Warangal) Opp: Yerragattu Gutta, Hasanparthy (M), Warangal-506015 Website: [www.kitsw.ac.in](http://www.kitsw.ac.in).
2. SPECIAL SESSION on **Machine Learning & ANN bases Development for Agriculture Sustainability**, International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE 2020) REVA University, Bangalore.

**Awards**

* Received - **Outstanding Scientist Award**, International Scientist Awards on Engineering and Science and Medicine, 04 & 05 Jul 2020 Coimbatore, India.
* Received**: - Best Researcher Award**, 10th International Scientist Awards on Engineering, Science and Medicine 26 & 27 Sep 2020 Hyderabad, India
* Received “**Excellence in Research**” Award Under the Category of HEI Professor by Auropath Global Awards, 2019.
* Received “**Distinguished Research Award** “I2OR Awards 2019 during 4th International Conclave on Interdisciplinary Research for Sustainable Development 2020 (IRSD 2020)
* 2nd Runner up award in GRAND Finale of **SMART INDIA HACKATHON 2017** Ministry of Skill Development and Entrepreneurship, Government of India.
* **Best paper award in EPPCSIT’09** held at Guru Nanak Dev Engineering College, Ludhiana, India, for the paper entitled “Modelling and Simulation of Gait for Abnormal Foot Recognition using Neuro-Genetic approach”, on 4th – 5th September 2009.
* **Best paper award in ICSCI 2010** held at Dr. MCR HRD INSTITUTE, Hyderabad, India, for the paper entitled “Anomaly in Foot Recognition through Human Gait using Hybrid Approach”, on 27th – 30th January 2010.
* **Governor awards** in Scouts for Outstanding Performance for Society.

**Membership:**

* IEEE Senior Member 94882827**.**
* Life time Membership of Indian Society of Technical Education (ISTE) [Member No. LM100327].
* Life Member of Computer Society of India (CSI-I1510558).
* Member of IET (MIET-1100591709).
* Life time Membership of Science and Engineering Institute(SCIEI)[Member No. 201612300001].
* Life time Membership of Internet Society [Member No. 149666].
* Life time Membership of the Society of Digital Information and wireless communication (SDIWC) [ID-249].
* Life Time member of International Association of Engineers (IAENG-183411).

**Member of Editorial Board and Technical Committee:**

* Reviewer of International Journal of Computer Science and Engineering Survey (IJCSES)
* Reviewer of International Journal of Computer Science and Information Security (IJCSIS)
* Reviewer of Signal and Image Processing: An International Journal (SIPIJ)
* Reviewer of International Journal of Engineering Trends and Technology (IJETT)
* Reviewer of International Journal of New Technology and Research (IJNTR)
* Reviewer of International Journal of Information and Computer Security (IJICS)
* Reviewer of International Journal Image Processing and Visual Communication (IJIPVC)
* Member of Editorial Board of I-managar Journal on Computer Science.
* Member of Editorial Board and Reviewer Board of International Publishers for Advanced Scientific Journals (IPASJ)
* Committee member and Reviewer of in IEEE, ICCSN 2017, Guangzhau, China May 6-8, May 2017.
* Committee Member and Reviewer of (PDGC) 4th International Conference on Parallel, Distributed and Grid Computing.
* Reviewer of Fourth International Conference on Signal and Image Processing (SIGI 2017) Geneva Switzerland 2017.
* Editorial Board Memberof Journal of Electronic Research and Application(JERA).
* Member of International Technical Committees 18th IEEE International Conference on Communication Technology Radisson Blu Hotel Chongqing Sha Ping Ba, Chongqing, China | Oct. 8-11, 2018.
* Member of special interest group in Internet-of-things (IoT) to speed up our membership networking and collaboration activities Machine Intelligence Research Labs (MIR Labs).
* Member of International Technical Committees 10th International Conference on Communication Software and Networks (ICCSN 2018) will be held during July 6-9, 2018 in Chengdu, China. ICCSN 2018 is sponsored by University of Electronic Science and Technology of China, co-sponsored by 54th Institute, CETC, China, Science and Technology on Communication Networks Laboratory, supported by Guangdong University of Technology, China and AET Journal.
* Member of program committee in IEEE International Conference on Computing, Power and Communication Technologies 2018
* Member of Technical Program committee in International Conference on Advanced Computational and Communication Paradigms-2019 (ICACCP-2019) [http://www .icaccpa.in/] during February 25-28, 2019.
* Member of Advisory committee of 3rd International Conference on Inventive Communication and Computational Technologies (ICICCT 2019) is being organized on 29, 30 April 2019 at Gnanamani College of Technology, Namakkal, Tamil Nadu .
* Member of Technical Program committee in 8thInternational Conference on Innovations in Electronics & Communication Engineering “ICIECE-2019” is an annual, peer-reviewed, **SCOPUS Indexed Springer Conference** organized by the Department of Electronics and Communication Engineering, Guru Nanak Institutions Technical Campus, Hyderabad.

**Seminar/Workshop/Training**

1. AICTE Training and Learning (ATAL) Academy Online FDP on **"Data Sciences"** from 2020-10-12 to 2020-10-16 at School of Studies in Engineering and Technology Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur (C.G.).
2. Attended Five Days Workshopon “**ICT Tools for Teaching, learning process & Institute**s” Jointly organized by Electronics and ICT Academics & Sreyas Institute of Engineering & Technology, held from January 13th -17th January 2020"
3. AttendedOne Week Faculty Development Programon **“Natural Language Processing”** Jointly organized by Electronics and ICT Academics & Sreyas Institute of Engineering & Technology, held from January 06-10, 2020.
4. Attended 3rd Five Days Self-Sponsored Workshop on **"Soft Computing Techniques & Robotics (SCTR-2019)**" during 16th - 20th September, 2019.
5. AttendedOne Week Faculty Development Programon “**Outcomes Based Education System**” organized by the Sreyas Institute of Engineering & Technology, from 11-15 June 2018
6. Attended one-week TEQIP-III Short Term Training Program (STTP) on **“Computational Intelligence and Cloud Computing”** (CICC 2017) organized by NIT Raipur on 26th Dec – 30th Dec 2017.
7. Attended one-week MietY, Govt of India, Sponsored Faculty Development Programme on “**Computational Approaches in BIG Data Analytics Applications**” Organized by E & ICT Academy, National Institute of Technology, Warangal, at Department of CSE, SREYAS Institute of Engineering and Technology Hyderabad on 27th Nov to 2nd Dec 2017.
8. Attended one-week Short Term Training Program (STTP) on **“Machine Learning Tools and Techniques”** organized by NIT Raipur on 10th Nov – 14rd Nov 2017.
9. Attended one-week STTP on **“Logic Building using C and Matlab”** organized by NIT Raipur on 30th Oct – 3rd Nov 2017.
10. Attended one-week technical workshop on **“Internet of Things”** organized by Sreyas Institute of Engineering and Technology Hyderabad on 19th -23rd Sep 2017.
11. Attended one-week STTP on **“Soft-Computing Techniques and Robotics”**, organized by NIT Raipur on 4th – 8th sep 2017.
12. Attended one-week STTP on MSIP-II at NIT Raipur on 22-26 May 2017.
13. Attended **NPTEL awareness workshop** organized by Shri Shankaracharya Technical Campus, Bhilai on 17 jan 2017.
14. Attended a National level one-week Workshop on “**Matlab**” organized by Sparklab Engineering System Pvt Lmt during 9 -15 Feb 2015.
15. Attended Workshop on **“Python”** organized by Shri Shankaracharya Technical Campus on 08/10/15 to 10/10/15.
16. Attended Faculty Development Program on “**Computer Networking Technology”** organized by Computech Info solution conducted from 17-12-13 to 21-12-2003.
17. Attended a national level workshop on “**Robotics Championship Robo Galaxy**” organized by UV Softs Technologies Pvt. Ltd. during 28 Sep 2013 to 29 Sep 2013.
18. Attended workshop on “**Value Education**” organized by Chhattisgarh Swami Vivekanand Technical University Bhilai C.G. 26th-27th july 2013.
19. Attended state level workshop on “**Matlab Programming for Engineering and Research**” Organized by Department of Electronics and Instrumentation, SSTC, Junwani During 6th- 7th 2012.
20. Attended national level IEEE Workshop “**Educational Resource Planning (EDRP)**” organized by IEEE student Branch, SSTC Bhilai on 7th-8th Oct 2012.
21. Attended faculty development program on “**Network Performance**” Organized By TCS on 6 Nov 2012.
22. Attended two days’ workshop on “**Advance Linux Administration and Networking**” Approved by Indian Society of Technical Education New Delhi organized by MP Christian College of Engineering and Technology on 21 and 22 Nov 2009.
23. Attended Short Term Training Program on “**Data Structure, Algorithms and Complexity**” organized by Department of computer Application BIT Durg on 26-27 sep 2008.

**Personal Profile**

Name : **Dr Rohit Raja**

Date of Birth : 03/06/1982

Age : 42 years

Father Name : Mr. Arun Kumar Raja

Mother Name : Mrs. Jyoti Raja

Email : drrohitraja1982@gmai.com, rohit.raja@ggu.ac.in

Marital Status : Married

Spouse : Dr. Hiral Raja

Children : Prakhar Raja, 11th Std

Contact No : 7000559696, 9827164467

Permanent Address : S/o- Shri A. K. Raja

 LIG-1, Sector-3

 Infront of JM-74

 Pt. Dindayal Nagar Raipur

 Chhattisgarh State, India



Date:

Bilaspur

Dr Rohit Raja