

RESUME / CURRICULUM VITAE

Name: Dr. Abdul Hannan Abdul Mannan Shaikh

Address: Department of Computer Science and Information Technology, AlBaha University, AlBaha, Kingdom of Saudi Arabia.

Phone Contact: +966509031185.

Email address : ahannan@bu.edu.sa, abdulhannan05@gmail.com

Nationality: Indian

CAREER PROFILE / SUMMARY

Duration: 6 December, 1999 to 4th June 2009

Organization: Vivekanand College, Aurangabad, Maharashtra – India.

Duration: 5th June 2009 to 29th Sept 2013

Organization: Late Pandharinath Patil, IMSIT, Aurangabad.

Duration: 1st Oct 2013 to till date

Organization: AlBaha University, AlBaha, Kingdom of Saudi Arabia.

EDUCATION / ACADEMIC QUALIFICATIONS

- **Ph.D. [Computer Science]**

North Maharashtra University, Jalgaon. (May. 2012)

- **M.Phil [Computer Science]**

Yashwantrao Chavan Maharashtra Open University (February 2009)

- **M.Sc. [Computer Science]**

Dr. Babasaheb Ambedkar Marathwada University (March 1996)

- **Bachelors Degree**

Dr. Babasaheb Ambedkar Marathwada University (April 1993)

EMPLOYMENT HISTORY

- **Duration** : 6 December, 1999 to 4th June 2009
- **Designation** : Lecturer
- **Organization**: Vivekanand College, Aurangabad, Maharashtra – India.
- **Duration** : 5th June 2009 to 29th Sept 2013
- **Designation** : Assistant Professor
- **Organization** : Late Pandharinath Patil IMSIT, Aurangabad.
- **Designation** : Assistant Professor
- **Organization** : Al-Baha University, Saudi Arabia.
- **Duration** : 1st Oct 2013 to till date
- Conducting lectures at graduate and undergraduate classes in different areas of computer science.
- Involvement in different research activities.
- Involvement in curriculum development

INTERNATIONAL PATENTS / COPYRIGHT

International Patents/Copyrights/Granted/Published:

1. Abdul Hannan Abdul Mannan Shaikh, Baljeet Singh Hora, Mukesh Soni, Sheshang Degadwala, Vijay Kumar Salvia, Haewon Byeon’ “Machine learning based biomedical image analysis device for accurate detection of disease” Design number: 6292960 , **18 July 2023 Certificate of UK Design Patent, UK.**
2. Shaikh Abdul Hannan Abdul Mannan, Oak Rajvardhan Seattle, Dubey Ghansham Prasad, Choudhary Rashmi, Khare Amit, Singh Suryabhan Pratap, “IoT based intelligent wireless communication system for solving real world security issue”, **German Patent** Utility Model Number: 202023100406, Granted 9th Feb 2023. ,
3. Dr. Abdul Hannan Abdul Mannan Shaikh, Dr. R. Jhon Martin, Mohamed J. Saadh, Meenakshi Saravanan, M. Angelin Ponrani, Dr. Shashnaag Dagadwala, “Artificial Intelligence based approach to predict the impact of Breast Cancer using the Algorithm of WSN and Image Processing Techniques”, **Government of India**, Patent Application Number : 202241069187, **Status : Published 9th Dec 2022.**
4. Shaikh Abdul Hannan, Dr. Vipin Rai, Dr. Gaurav Dhiman, Dr. Karamth Ateeq, Dr. Nimish H. Vasoya, Basuthkar Mahesh, “ A system for Adaptive traffic light control comprising deep learning and image processing unit”, **German Patent** utility Model Number: 202022106129, **Status : Granted 05th Dec 2022.**
5. Dr. Dilip Kumar Sharma, Dr. Abdul Hannan Abdul Mannan Shaikh, Mr. Mahesh Lonare, Mrs. Yogita Hambir, Dr. Santosh Singh, Mr. Kuldeep Anil Hule, Prof.

Kamlesh Vasantrya Patil, Pankaj Kunekar, Dr. Kirubanandan Shanmugam, Amruta Mankawade, "The Classification Technique for the face Spoof Detection in Artificial Neural Networks using concepts of Machine Learning", **Government of India**, Patent Application Number: 202221066497, **Status : Published 25th Nov 2022.**

6. Dr. Dilip Kumar Sharma, Ankit Bhardwaj, Dr. Abdul Hannan Abdul Mannan Shaikh, Swati Saxena, Preeti C, Dr. Arshiya S. Asari, Dr. Saravanan Chandran, Shaba Parveen Khan, Dr. Hari Kumar Singh, Dr. Kirubanandan Shanmugam, Pankaj Kunekar, "The CNN approach for the lung cancer detection in image processing", **Government of India**, Patent Application Number : 202221066497, **Status : Published 25th Nov 2022.**
7. Dr. Abdul Hannan Abdul Mannan Shaikh, Ahmed Mateen Buttar, Mohsin Shaikh, Ismail Keshta, Gioia Arnone, Satish Kotte, "Modelling and Analysis of Data Trading in financial organization based on Blockchain Market in IoT Networks", Registration Number - 1197056, **Canadian Copyright**, **Status : Registration date 21st Oct 2022.**
8. Dr. Abdul Hannan Abdul Mannan Shaikh, Sheshang Degadwala, Ismail Keshta, Niranjanamurthy M, Satish Menon, Suryabhan Pratap Singh, "The Bitcoin Electronic Cash System as an Online Paymen using IoT and Machine Learning, Registration Number - 1197058, **Canadian Copyright**, **Status : Registration date 21st Oct 2022.**
9. Dr. Abdul Hannan Abdul Mannan Shaikh, Dr. Vibha, G.Sathya, P. Nithyashankari, Dr. Sunil Adhav, Priyanka Mahanta, Abhijit Brahma, Dr. K. Manikaran, B Gayathri, Dr. S. Saravanan, Dr. Pratap Patiil, Sruthi S., "Artificial intelligence based approach along with big data analytics and predictive modeling for automating the stock trading with minimized risk of market exposure", **Government of India**, Patent Application Number : 202211058682, **Status : Published 21th Oct 2022.**
10. Bhojar Sanjay Ramkrishna, Dr. Pusad, Bargade Kailash Raghunath, Das Rusham, Katkar Rushikesh Bajirao, Krishan kumar, Manza Ramesh, Apte Monica, Narwal Seema, Parihar Shefali, Shaikh Abdul Hannan Abdul Mannan, Sharma Vidya Anant, Soni Nitasha,, "A Heart Sound analysis system to detect of Heart Disease" **German Patent** Utility Model Number : 202022103576, **Status : Granted 17th October 2022.**
11. Rajesh E., Dr. Abdul Hannan Abdul Mannan Shaikh, Dr. Peeyush Mittal, Archana Gangwar, Dr. Pratima Mishra, Dr. Nidhi, Ms Manisha Prasad, Dr. Kamal Kant. , "Develop virtual learning intelligence classroom system to enhance distance education and methods thereof", **Government of India**, Patent Application Number: 202241055598, **Status : Published 7th Oct 2022.**
12. Mohamed H. Behiry, Dr. Abdul Hannan Abdul Mannan Shaikh, Dr. Sheshang Degadwala, Dr. Avneet Kaur, Dr. Sanjay Sharma, Dr. Santosh kumar Rajamani, "AI/ML based improving efficiency and accuracy of early diagnostic process of heart disease due to hypertension and providing personalized medical services", **Government of India**, Patent Application Number: 202221053318, **Status : Published on 30th Sept 2022.**
13. Dr. Namita Mishra, Dr. B.V.V. Siva Prasad, Dr. Ritwik Sahai Bisariya, Dr. S.S. Prasada Rao, Dr. Chresto Selvan, Ms Aruna Yadav, Dr. Yogendra Singh, Dr Shashi Prabha Nagendra, Dr. Shashi PRABHA, Dr. Sita Rani, Dr. Pratibha Teotia, Dr. Abdul

Hannan Abdul Mannan Shaikh, Dr. Ramesh manza, Dr. Priyanka Jain, , Dr Samala Nagraj, Dr. Smriti, Dr. RAMESH Chandra Panda, “A Novel inclusive educational model for children with disability and severe disability” **South African Patent**, Application Number 2022/07611 **Status : Granted : 28 Sept. 2022.**

14. Rajesh E., Dr. Abdul Hannan Abdul Mannan Shaikh, Dr. Ramesh Manza, Ms. Sheetal Suresh Rajapurkar , Dr. Shruti Garg, Mr. Pravin Laxman Thorat, Prof. Sudheer Kumar, Dr. Abhijeet K. Digalwar, “ Developing Artificial Intelligence based feedback System in Higher Education Institutions”, **Government of India**, Patent Application Number: 202241041368, **Status : Published** on 29th July 2022.
15. Dr. T.Srinivasa Ravi Kiran, Dr. Abdul Hannan Abdul Mannan Shaikh, Dr. M. Naveen Kumar. Dr. Ramesh Manza, G Sangeetha Lakshmi. Bhuvanewari R. Dr. Sunil Karve. Mrs. Deepa Mishra, “Artificial Intelligence and IoT based Smart House for Activity Recognition of Old Age People”, **Government of India**, Patent Application Number: 202241039407, **Status: Published** on 27th July 2022.
16. Sumegh Shrikant Tharewal, Dr. Abdul Hannan Abdul Mannan, Syed Nisar Bukhari, Rashmi Rani Petro, Tiwari roalini, Utkarsh Nigam, “An artificial intelligence, IOT and deep learning based system for detection of covid-19, black fungus and white fungus disease”, **Australian Government**, Patent Application Number. 2021103135, **Status: Granted**, 16th Mar 2022.
17. Sangita S Birly, Sumegh Shrikant Tharewal, Dr. Abdul Hannan Abdul Mannan, Syed Nisar Bukhari, ashok Kumar Nanda, Pradep Kumar V. Lalit Kumar Awasthi, Kumar D., “A System for Blockchain Linked Internet of Things Railway Digital Display Reader”, **Australian Government**, Patent Application Number. 2021103317, **Status: Granted**, 9th Mar 2022.

BOOKS PUBLICATIONS

1. Dr. Abdul Hannan Abdul Mannan Shaikh, , “Introduction to Machine Learning and Big Data”, November 2023, ISBN-978-93-5757-922-3, PP 1 – 256, Scientific International Publishing House, India.
2. Mohammad Salauddin Sagar, Dr. Abdul Hannan Abdul Mannan Shaikh, Prof. Saurabh Sharma, Dr. Anju Asokan, “Cloud Computing”, 28th March 2023, ISBN-10 : 9355158556, ISBN-13 : 978-9355158550, PP 1-219, Book Rivers Publication, Lucknow, Uttar Pradesh, India.
3. Dr. Abdul Hannan Abdul Mannan Shaikh, , “Data Mining for Beginners”, 16 January 2023, ISBN-13 979- 8889511588, PP 1 – 290, Book Nation Press, Ltd. Chennai, Tamil Nadu, India.
4. Dr. Abdul Hannan Abdul Mannan Shaikh, “Artificial Intelligence” Nov 2022, ISBN: 9789395331616, Nov 2022, RK Publication, Tamil Nadu, India.

5. Dr. Abdul Hannan Abdul Mannan Shaikh, Dr. Sumit Chauhan, Mrs. Suma S., Dr. Sumit Bhattacharjee, “Internet of Things”, 4 November 2022, ISBN-10 : 9355155433, ISBN-13 : 978-9355155436, PP 1- 210, Book Rivers Publication, Lucknow, Uttar Pradesh, India.
6. Dr. Abdul Hannan Abdul Mannan Shaikh, Swati Saxena, “Fundamentals of Internet of Things : A Design Perspective”, 3 Nov 2022, ISBN-13 979-8888498453, PP 1 – 336, Book Nation Press, Ltd. Chennai, Tamil Nadu, India.
7. Dr. Abdul Hannan Abdul Mannan Shaikh, “Blockchain Technology for Beginners”, 1 Nov 2022, ISBN-13 : 979-8888497654, PP 1- 218, Book Nation Press, Ltd. Chennai, Tamil Nadu, India.
8. Prof. Nighar Rafique Sheikh, Dr. Abdul Hannan Abdul Mannan Shaikh, Prof. Jayant S. Rohankar, Prof. Firdous Sadaf M. Ismail, “Artificial Intelligence and Machine Learning”, Nov 2022, ISBN: 9789395331685, RK Publication, Tamil Nadu, India.
9. Keras for Deep Learning and Artificial Intelligence, By Dr. Abdul Hannan Abdul Mannan Shaikh, 17 October 2022, ISBN-13 : 979-8888339190, PP 1-186, Book Nation Press Ltd., Chennai, Tamil Nadu, India.
10. Mayank Sharma, Pramod Singh Kunwar, Dr. Abdul Hannan Abdul Mannan Shaikh, K. Sai Krishna, “Advanced Artificial Intelligence”, 25th September 2022, ISBN-10 : 9355155190, ISBN-13 : 978-9355155191, PP 1-231, Book Rivers Publication, Lucknow, Uttar Pradesh, India.
11. Swati Saxena, Dr. Abdul Hannan Abdul Mannan Shaikh C++ Essential: Learn OOPs with concept with C++, Sept. 2022, ISBN-13 : 979-8354179589, Paperback,.

PROFESSIONAL DEVELOPMENT

- [1] **Five Days National Faculty Development Program on “Recent Trends on Blockchain Technology and Cyber Security”**, Organized Department of Computer Science and Engineering of JIS University, 26th Nov to 30th September 2023, India.
- [2] **Five Days Live Industrial Training workshop on “Machine Learning and Artificial Intelligence”**, Organized by Edulakes Solution LPP in Association with National Service Scheme IIT Roorkee, 18th Nov to 22nd September 2023, India.
- [3] **Five Days Live workshop on “Blockchain Technology and its Applications”**, Organized by Edulabs in Association with Mechanica IIT Madras, 7th Nov to 11th Nov 2022, IIT Madras, India.
- [4] **International lecture on “Productive Tools for Researchers”**, as part of the Research and Development of lecture Series organized by Department of Research and

Publications, A2Z EduLearning Hub LLP, 20th October 2022, Udumbannoor, Kerala, India.

- [5] Faculty Development program on **“IoT Induced Artificial Intelligence for Emerging Computing Paradigms”** 4th Oct 2022 to 8th Oct 2022, Dr B R Ambedkar National Institute of Technology Jalandhar, India.
- [6] **Three Day International Workshop on Statistical Data Analysis & Interpretations using R programming**, 27th, 28th & 29th September 2022, A2Z EduLearning Hub LLP, Udumbannoor, Kerala 685595, India.
- [7] **Four Day International Faculty Development Program on Digital Image Processing using MATLAB**, organized by Dept. of Research & Publications, A2Z EduLearning Hub LLP, 14th, 15th 16th & 17th September 2022, Udumbannoor, Kerala 685595, India.
- [8] **International Faculty Development Program on Qualitative and Quantitative Research Design**, 14th Sept to 19th Sept. 2022, Organized by: Eudoxia Research Centre and Eudoxia Research University – USA.
- [9] **Webinar on Data Analysis using Python**, 2nd March 2022, Organized by IIT Roorkee, India
- [10] **International Workshop** attended for “Rough Sets, Fuzzy Sets and Soft Computing : Theory and Applications”, by Department of Computer Science, University of Pune during 7th and 8th July 2009 (Two Day) at Department of Computer Science, University of Pune.
- [11] **National workshop** attended for “Advances in Signal Processing and Soft Computing” sponsored by ISTE during 18th to 22nd May 2009 (One Week) at Shri Guru Gobind Singji, Institute of Engineering and Technology, Vishnupuri, Nanded – 431 006.
- [12] **National Workshop** on “Computational Neuroscience (CNS -2010), during 26th – 31st July 2010 (One Week), by Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Bidar, Karnataka, India.

RESEARCH PUBLICATIONS

International Journals	:	77
International Conferences	:	26
National Conferences	:	07
Book Publications	:	10
Patent Publications	:	18
Canadian Copyright	:	02

Total Publications **140**

International Journals:

- [1]. Shaikh Abdul Hannan, Pushparaj, Mohammed Junaid Khan , Anil Kumar, Taranpreet Kaur, “Detection of brain disorders using artificial neural networks”, Frontier Scientific Publishing, Journal of Autonomous Intelligence, Vol 7, No. 5, pp 1-17, April- 2024.
- [2]. Shaikh Abdul Hannan, “Advancing Parkinson's Disease Severity Prediction using Multimodal Convolutional Recursive Deep Belief Networks”, **Scopus Q3**, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol 15, No. 2, pp 467-479, Feb 2024.
- [3]. Mohamoud Aboughaly, Shaikh Abdul Hannan, “Enhancing Quality-of-Service in Software-Defined Networks Through the Integration of Firefly-Fruit Fly Optimization and Deep Reinforcement Learning”, **Scopus Q3**, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol 15, No. 1, pp 408-419, Jan 2024.
- [4]. Shaikh Abdul Hannan, Pushparaj, Ashfaque M.W., Lamba A., Kumar A, “Analysis of detection and recognition of Human Face using Support Vector Machine”, Artificial Intelligence of Things, ICAIoT 2023, Communication in Computer and Information Science, Vol 1930, Springer.
- [5]. Mohd Waseem Ashfaque, Sohail Iqbal Malik, Charansing Kayte, Sayyada Sara Banu, Awatef Salem Balobaid, Shaikh Abdul Hannan, “Design and Implementation: Deep Learning-based Intelligent Chatbot”, 3rd IEEE International Conference on Computing and Information Technology (ICCIT), September 2023, Tabuk, Kingdom of Saudi Arabia.

- [6]. Shaikh Abdul Hannan, "Artificial Intelligence and Nanotechnology for Diagnosis of Heart Disease", *Journal of Nutrition and Human Health*, Vol 7, Issue 5, October 2023, London, United Kingdom.
- [7]. Dr. Venkateswara Rao Naramala, B.Anjaneer Kumar, Dr. Vuda Sreenivasa Rao, Dr. Annapurna Mishra, Shaikh Abdul Hannan, Prof. Ts. Dr. Yousef A.Baker El-Ebiary, R. Manikandan, "Enhancing Diabetic Retinopathy Detection Through Machine Learning with Restricted Boltzmann Machines", (*IJACSA*) *International Journal of Advanced Computer Science and Applications*, Vol 14, Issue 9, September 2023.
- [8]. Haewon Byeon, Chintureena Thingom, Ismail Keshta, Mukesh Soni, Shaikh Abdul Hannan, Herison Surbakti, "A logic Petri net Model for dynamic multi agent game decision-making", Elsevier, *Decision Analytics Journal* 9 (2023), 100320.
- [9]. Shaikh Abdul Hannan, "Artificial Intelligence and Blockchain Technology for secure data and privacy" *Journal of Advance Research in Computer Science and Engineering*, Vol 9, Issue 7, September 2023.
- [10]. G. Balakrishna, Shaikh Abdul Hannan Mohit Tiwari, Angel Latha Mary S, Deepa K, "Artificial Intelligence and Nanotechnology in Biosensors", *Handbook of Research on Advanced Functional Materials for Orthopedic Applications*, pp 47-64, ISBN 166847413, 9781668474136, IGI Global, 2023.
- [11]. Atul Tiwari, Shaikh Abdul Hannan, Rajasekhar Pinnamaneni and Abdul Rahman Mohammed Al-Ansari, "Optimized Ensemble of Hybrid RNN-GAN Models for Accurate and Automated Lung Tumour Detection from CT Images" *International Journal of Advanced Computer Science and Applications (IJACSA)*, 14(7), 2023.
- [12]. Shaikh Abdul Hannan, "Study and evaluation of "Se-2-Seq" model competency in AI-based educational Chatbot for the Marathi language", *European Chemical Bulletin*, Volume 12, Special Issue 13, July 2023, pp 223-232.
- [13]. Shaikh Abdul Hannan, "Application of Neural Networks and Deep Transfer Learning Methods Transfer Learning methods for Thyroid Cancer", *European Chemical Bulletin*, Volume 12, Special Issue 9, July 2023, pp 2093-2105.
- [14]. Shaikh Abdul Hannan, "A Blockchain Technology and Internet of Things to Secure in Healthcare System", *Journal of Advance Research in Computer Science & Engineering*, Volume 9, Issue 04, pp 12-19, April 2023.
- [15]. Shaikh Abdul Hannan, "Development of Digital Transformation in Higher Education Institutions", *Journal of Computer Science & Computational Mathematics*, Volume 13, Issue 01, pp 1-8, March 2023.

- [16]. Shaikh Abdul Hannan, Pushparaj Pal, “Detection and classification of kidney disease using convolutional neural networks”, *Journal of Neurology and Neurorehabilitation Research*, Vol 8, Issue 2, pp 1-7, 2023.
- [17]. Shaikh Abdul Hannan; Ms. Preeti Gupta; P. Vanitha; Rajesh Singh; Dimple Saini; Mohit Tiwari, “Analysis of blockchain technology based on digital management systems and data mining technology”, *IEEE Xplore*, 22 March 2023, ISBN:979-8-3503-9827-4
- [18]. Heena Vig, Shaikh Abdul Hannan, Asok Kumar, Rajshree Singh, Juhi Juwairiyaah, Neen Kuriakose, “Gender and Age Classification Enabled Blockchain Security Mechanism for assisting Mobile Application, *IEEE Xplore*, 22nd March 2023, ISBN: 979-8-3503-9827-4.
- [19]. Shaikh Abdul Hannan, “A Blockchain Technology to secure electronic Health Records in Healthcare System, *London Journal of Research in Computer Science and Technology*, Vol 23, Issue 1, PP 1-13, London Journal Press, 10 Feb 2023, ISSN 2514-8648.
- [20]. Shaikh Abdul Hannan, “Challenges of Blockchain Technology using Artificial Intelligence in Healthcare System” *International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)*, Vol 12, Issue 01, page 64-74, Jan 2023.
- [21]. Shaikh Abdul Hannan, “Application and Scope of Blockchain in Technical Research and Higher Education” Vol 20, Issue 15, page 6185-6191, *NeuroQuantology*, Nov 2022.
- [22]. Shaikh Abdul Hannan, “An Examination of the Blockchain Technology: Challenges and Future Opportunities”, *International Journal of Engineering and Computer Science*, Vol 11, Issue 11, Nov 2022.
- [23]. Shaikh Abdul Hannan, Manjusha Hivre, Lata, M., Krishna, B. H., Sathyasiva, S., & Arshad, M. W.. Brain damage detection using Machine learning approach”, *International Journal of Health Sciences*, Special Issue VIII, 27 Sept. 2022, PP 4910-4924, ISSN 2550-6978.
- [24]. Dubey, A., Mujoo, S., Shaikh Abdul Hannan., Satpathy, G., Arshad, M. W., & Manikandan, E., “Cancer detection using RNA sequencing and deep learning”, *International Journal of Health Sciences*, Special Issue VIII, 27 Sept. 2022, PP 4925-4939, ISSN 2550-6978.
- [25]. Arun Prasad, Shaikh Abdul Hannan, Kavita Panjwani, Muthe Ramu, Kawaender Singh Sidhu, Nagabhusanam Tida, “Detailed Investigation of the role of Artificial Intelligence in stock market predictions, *British Journal of Administrative Management*, Vol 58, Issue 06, 6th Sept 2022, UK.

- [26]. Swati Saxena, Shaikh Abdul Hannan, "Women Warrior – Android Mobile Application for Women Security" International Journal of Computer Science and Information Technologies, Volume 13, Issue 3, PP 76-84, India, June 2022.
- [27]. Anupriya Kambe, Shaikh Abdul Hannan, Ramesh Manza and Mohammad Eid Alzahrani, "Prediction of Prediabetes, No Diabetes and Diabetes Mellitus -2 usnig Simple Decision Tree Classification" Springer, Rising Threats in Expert Applications and Solutions. 2021 at IIS University, 2021.
- [28]. Swati Saxena, Shaikh Abdul Hannan, "A Quaitative Review on Intervention of Robotics in Medical Science", International Journal of Computer Application(IJCA), Vol. 179, Number 46, 2021, ISSN 0975-8887, USA.
- [29]. Anupriya Kamble, Sonali Gaikwad Shaikh Abdul Hannan, Mohammed Alwazzab Alzaharani, Ramesh Manza, "Prediction of the State of Diabetes Disorder using Simple Decision Tree Classification Technique", Pensee Journal, Vol 51, issue 04, 2021.
- [30]. Yogesh Rajput, Shaikh Abdul Hannan, Design New Wavelet Filter for Detection and Grading of Non-proliferative Diabetic Retinopathy Lesions, International Conference on Recent Trends in Image Processing and Pattern Recognition, Jan 2020, Springer, Singapore.
- [31]. Anupriya Kamble, Shaikh Abdul Hannan, Ramesh Manza and Mohammad Eid Alzahrani, "Prediction of Prediabetes, No Diabetes and Diabetes Mellitus -2 usnig Simple Decision Tree Classification" **Springer** FICR International Conference on Rising Threats in Expert Applications and Solutions. 2020 at IIS University, 17-19 Jan, 2020 Jaipur.
- [32]. Sagar Vakhare, Ramesh Manza, Abdul Hannan Shaikh and Anubha Jain, "Time Series Analysis and Forecasting of Temperatures Records in Aurangabad District of Maharashtra", **Springer** FICR International Conference on Rising Threats in Expert Applications and Solutions. 2020 at IIS University, 17-19 Jan, 2020 Jaipur.
- [33]. Anupriya Kamble, Shaikh Abdul Hannan, Yogesh Rajput and Ramesh Manza, "Prediction of Prediabetes, No Diabetes and Diabetes Mellitus-2 using Pattern Recognition", **Springer** FICR International Conference on Rising Threats in Expert Applications and Solutions. 2020 at IIS University, 17-19 Jan, 2020 Jaipur.
- [34]. Yogesh Rajput, Shaikh Abdul Hannan, Dnyaneshwari Patil, Ramesh Manza "Design New Wavelet Filter for Detection and Grading of Non-Proliferative Diabetic Retinopathy Lesions" The 3rd International Conference on recent Trends in Image Processing and pattern recognition, **Springer** conference, Jan 2020, Aurangabad, Maharashtra, India.
- [35]. Y. M. Rajput, A. H. Hannan, M. E. Alzahrani, R. R. Manza, D. D. Patil, "EEG-Based Emotion Recognition Using Different Neural Network and Pattern Recognition Techniques–A Review", International Journal of Computer Sciences and Engineering, Vol 6, Issue 9, Sep 2018.

- [36]. Mohammad Eid Alzahrani and Shaikh Abdul Hannan, "Diagnosis and Medical Prescription of Heart Disease Using FFBP, SVM and RBF", Page 6-15. , Issue,1, Vol 5, , KKU Journal of Basic and Applied Sciences, Mar 2019.
- [37]. Santosh Maher, Shaikh Abdul Hannan, Sumegh Tharewal, K. V. Kale " HRV based Human Heart Disease Prediction and Classification using Machine Learning " December 2019, (Vol. 17 No. 2 International Journal of Computer Science and Information Sec Applicatiion (IJCA), New York, USA.
- [38]. Akram Ablsubari, Shaikh Abdul Hannan, Mohammed Eid Alzahrani, Rakesh Ramteke, "Composite Feature Extraction and Classification for Fusion of Palmprint and Iris Biometric Traits", Engineering Technology and Applied Science Research, (ETASR) Volume 9, No 1, Feb 2019, ISSN: 2241-4487, Greece.
- [39]. Santosh K. Maher, Sumegh Tharewal, Abdul Hannan, "Review on HRV based Prediction and Detection of Heart Disease", International Journal of Computer Applications (0975 – 8887), Pag 7-12, Volume 179 – No.46, June 2018.
- [40]. Y. M. Rajput, Shaikh Abdul Hannan, Mohammed Eid Alzahrani, R. R. Manza, Dnyaneshwari D. Patil, "EEG-Based Emotion Recognition Using Different Neural Network and Pattern Recognition Techniques – A Review" Vol 7, Issue 1, Jan 2019, E-ISSN: 2347-2693, India .
- [41]. Yogesh Rajput, Shaikh Abdul Hannan, Mohammed Eid Alzahrani, D. Patil Ramesh Manza, Design and Development of New Algorithm for person identification Based on Iris statistical features and Retinal blood Vessels Bifurcation points" " International Conference on Recent Trends in Image Processing & Pattern Recognition (RTIP2R), December 21-22, 2018, India.
- [42]. Santosh K. Maher, Sumegh Tharewal, Abdul Hannan, K. V. Kale "Review on HRV based Prediction and Detection of Heart Disease" International Journal of Computer Application(IJCA), Vol. 179, Number 46, June 2018, ISSN 0975-8887, USA.
- [43]. Yogesh, Abdul Hannan, Rahul Sagar, Kishor Jave, Identification and Counting Trees from Oil Palm Plantations Using Digital Image Processing Techniques, International Journal of Engineering Research & Technology (IJERT), Vol. 6 Issue 05, May – 2017, ISSN: 2278-0181.
- [44]. Shaikh Abdul Hannan and Mir Arif Ali, "Analysis of Polyalphabetic Transposition Cipher Techniques used for Encryption and Decryption", International Journal of Computer Science and Software Engineering (IJCSSE), Volume 6, Issue 2, February 2017, Dubai, UAE.
- [45]. Yogesh, Ramesh Manza, Anupriya Kamble Shushil G., Abdul Hannan, "Novel Approach for person identification Based on Iris Statistical Features and Retinal Blood Vessels Bifurcation points, Second International Conference on Cognitive Knowledge Engineering, 21-23 December 2016 (ICKE-2016) , Aurangabad, Maharashtra, India. ISBN 978-93-80876-89-4.

- [46]. Anupriya Kamble, Abdul Hannan, Yogesh, Dnyaneshwari, "Association Detection of Regular Insulin and NPH Insulin Using Statistical Features", Second International Conference on Cognitive Knowledge Engineering, 21-23 December 2016 (ICKE-2016), Aurangabad, Maharashtra, India ISBN 978-93-80876-89-4.
- [47]. Shaikh Abdul Hannan, "An Overview of Big Data and Hadoop", International Journal of Computer Application", Volume 154, Number 10, ISSN – 0975-887, November 2016, New York, USA.
- [48]. Mahammed Waseem, Naushad Ahmed Osmani, Shaikh Abdul Hannan, "A Survey on E-education of information and Communication 'Technology", European Journal of Computer Science and Information Technology (EJCSIT), Vol. 4, Issue 6, ISSN 2054-0965, October 2016.
- [49]. Yusuf Perwej, Shaikh Abdul Hannan, Nikhat Akhtar, "The State of the Art Handwritten Recognition of Arabic Script Using Simplified Fuzzy ARTMAP and Handwritten Markov Models", International Journal of Computer Science and Telecommunications (IJCST), Volume 5, Issue 8, August 2014, ISSN 2048-3338, London.
- [50]. Mir Ali Arif, Shaikh Abdul Hannan, Yusuf Perwej, Arjun Mane, "An Overview and Applications of Optical Character Recognition", *International Journal of Advance Research In Science And Engineering*, IJARSE, ISSN-2319-8354(E), Vol. No.3, Issue No.7, July 2014.
- [51]. Mir Arif Ali, Shaikh Abdul Hannan, Yusuf Perwej, Arjun Mane, "An Overview and Applications of Optical Character Recognition", International Journal of Advance Research In Science And Engineering, IJARSE, Vol. No.3, Issue No.7, July 2014, ISSN-2319-8354(E), India.
- [52]. Shaikh Abdul Hannan, "Heart Disease Diagnosis by using FFBP and GRNN algorithm of Neural Network", International Journal of Computer Science and Information Security, Vol 12, Number 6, June 2014, ISSN 1945-5500, United States of America.
- [53]. Mir Arif Ali, Shaikh Abdul Hannan, "A Review on Modern and Classical Encryption Techniques", International Journal of Engineering Trends and Technology, Volume 12, Number 4, June 2014, ISSN 2231-5381, India.
- [54]. Shaikh Abdul Hannan, Bharatratna P. Gaikwad, Ramesh Manza, "Brain Tumor from MRI Images : A Review". International Journal of Scientific and Engineering Research (IJSER), Volume 5, Issue 4, April-2014 ISSN 2229-5518, France.
- [55]. Satish Misal, Shaikh Abdul Hannan, Santosh Lomte, "Comparative study of image processing Techniques on Geometrical shapes", International Journal of Emerging Technology & Advanced Engg., An ISO 9001:2008 Certified International Journal, Vol 2, Issue 9, New Delhi.
- [56]. Aqueel Ahmed, Shaikh Abdul Hannan, "Data Mining Techniques to Find Out Heart Diseases: An Overview", International Journal of Innovative Technology and

Exploring Engineering (IJITEE), An ISO 9001:2008 Certified International Journal, Volume-1, Issue-4, September 2012, ISSN: 2278-3075, New Delhi, India.

- [57]. Shaikh Abdul Hannan, Jameel Ahmed, Naveed Ahmed, Rizwan Alam Thakur, “Data Mining and Natural Language Processing Methods for Extracting Opinions from Customer Reviews”, International Journal of Computational Intelligence and Information Security, pp 52-58, Vol. 3, No. 6, July 2012. (ISSN: 1837-7823).
- [58]. M. J. Baheti, A. V. Mane, Shaikh Abdul Hannan, K. V. Kale, “Comparison of PCA and SVM for a west Indian Script- Gujarati”, CiiT Journal of Digital Image Processing, Vol. 3. No. 11, pp. 709-715, July 2011.
- [59]. Sunilkumar Sangme, Shaikh Abdul Hannan and R.J. Ramteke, “Isolated Handwritten Text (Word) for Optical Character Recognition Using Future Extraction”, International Journal of Computer Sciences, Systems Engineering and Information Technology, P-151-155, ISSN : 0974-5807, July to dec 2009.
- [60]. Priya Chaudhary, Shaikh Abdul Hannan, Ramesh Manza “Program analysis and Code Optimization using Syntax Analyzer”, “International Journal of Artificial Intelligence and Computational Research (IJAICR)”, 1(2), 2009, pp. 101-106, July to December 2009, International Science Press, Gurgaon, Haryana, India. ISSN 0975-3974.
- [61]. Mir Arif Ali, Shaikh Abdul Hannan and R.J. Ramteke, “Text Data Hiding In The Form of Images”, International Journal of Image Analysis and Pattern Classification (IJIAPC, July to December 2009, International Science Press, Gurgaon, Haryana, India. ISSN 0975-6116
- [62]. Imran Khan, Shaikh Abdul Hannan and R.J. Ramteke, “Urdu Word Typology and Word Segmentation Methods – Review”, International Journal of Artificial Intelligence and Computational Research (IJAICR)", July to December 2009, International Science Press, Gurgaon, Haryana, India, ISSN 0975-6116.
- [63]. Shaikh Jameel, Shaikh Abdul Hannan and R.R. Manza, “An Emerging Biometric Technology for Personal Identification in Iris Recognition System“, “International Journal of Computer Engineering", July to December 2009, Serials Publication, New Delhi, India. ISSN 0974-5897
- [64]. Awasthi G.K., Shaikh Abdul Hannan and R.R. Manza, “Comparative Study of Quadtree Decomposition and Region Growing Technique for Identification of Image Boundaries”, Journal of Advance Research in Computer Engineering: An International Journal ", July to December 2009, Serials Publication, New Delhi, India.
- [65]. Manoj Khandare, Shaikh Abdul Hannan and R.J. Ramteke, “Technique used in TTS for International Language : Review”, journal of Advance Research In Computer Engineering: An International Journal ", July to December 2009, issue of the journal.
- [66]. Almas Siddiqui, Rasika Kulkarni and Shaikh Abdul Hannan, “Increasing the efficiency of Data Mining for Marketing System and Analysis of Customer”, International Journal of Computer Science and Knowledge Engineering", July to December 2009, Serials Publications, New Delhi, India, ISSN : 0973-3892.
- [67]. Rasika Kulkarni, Almas Siddiqui and Shaikh Abdul Hannan, “Fingerprint Matching Techniques for Minutiae Extraction in Small Images”, International Journal of Computer Science, System Engineering and Information Technology”, July to December 2009, Serials Publication, New Delhi, India. ISSN 0974-5807

- [68]. Satish Misal, Shaikh Abdul Hannan and R.J. Ramteke, "Shape Identification in an image using Moment Invariant Technique, International Journal of Computer Science, System Engineering and Information Technology", July to December 2009, Serials Publication, New Delhi, India, ISSN 0974-5807.
- [69]. Shaikh Abdul Hannan, R.R. Manza and R.J. Ramteke, "Heart Disease relationship between Disease, Symptoms, Medicine and its side effects", Journal of Advance Research In Computer Engineering: An International Journal ", July to December 2009, Serials Publication, New Delhi, India, ISSN 0973-6794.
- [70]. Shaikh Abdul Hannan, V. D. Bhagile, R. R. Manza, R. J. Ramteke, "Diagnosis and Medical Prescription of Heart Disease Using Support Vector Machine and Feed forward Back propagation technique", International Journal on computer science and Information Security, – August 2010, Vol. 2, Issue 6, ISSN: 0975–3397.
- [71]. Shaikh Abdul Hannan, Pravin Yannawar, R.R. Manza and R.J. Ramteke, "Expert System Data Collection Technique for Heart Disease", in International Journal of Innovative Research in Science and Techniques (IJIRST), Vol 1, No.1 , Jan – June 2010, PP 31-35, ISSN:2229-3116, India.
- [72]. Shaikh Jameel, Shaikh Abdul Hannan and Ramesh Manza, "An Emerging Biometric Technology for Personal Identification in Iris Recognition System", Journal of Advance Research in Computer Engineering: An International Journal ", July to December 2009.
- [73]. Shaikh Abdul Hannan, Ramesh Manza, R. J. Ramteke, "Relationship between Heart Disease and Symptoms", International Journal of Computational Intelligent, Vol. 3, No.2, July-December 2009, pp. 289-292, ISSN 0974-5807.
- [74]. Shaikh Abdul Hannan, V. D. Bhagile, R. R. Manza, R. J. Ramteke, "Diagnosis and Medical Prescription of Heart Disease Using Support Vector Machine and Feed forward Back propagation technique", International Journal on computer science and engineering, IJCSE – August 2010, Vol. 2, Issue 6, ISSN: 0975–3397.
- [75]. Shaikh Abdul Hannan, V.D. Bhagile, R. R. Manza and R.J. Ramteke, "Expert System for Diagnosis and Appropriate Medical Prescription of Heart Disease Using Radial Basis Function", CiiT International Journal of Artificial Intelligent Systems and Machine Learning, August 2010, ISSN 0974–9667 & Online: ISSN 0974–9543.
- [76]. Shaikh Abdul Hannan, R. R. Manza, R. J. Ramteke, "Generalized Regression Neural Network and Radial Basis Function for Heart Disease Diagnosis", International Journal of Computer Applications (IJCA) Vol. 7, No. 13, October 2010 Edition. New York, USA. ISSN: 09758887.
- [77]. Shaikh Abdul Hannan, V. D. Bhagile, R. R. Manza, R. J. Ramteke, "Development of an Expert System for Diagnosis and appropriate Medical Prescription of Heart Disease Using Support Vector Machine and Radial Basis Function", International Journal of Computer Science and Information Security, (IJCSIS) August issue (Vol. 8 No. 5), 2010, Pages/record No.: 245-254. ISSN: 19475500.

PRESENTATIONS

International Conferences:

- [1] Shaikh Abdul Hannan, R. R. Manza and R.J. Ramteke, "Association Rules for Filtering The Medicine To Avoid Side Effects Of Heart Patients", on 16 -19 Dec 2009, at Advances in Computer Vision and Information Technology – 09, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- [2] Shaikh Abdul Hannan, A.V. Mane, R. R. Manza and R. J. Ramteke, "Prediction of Heart Disease Medical Prescription Using Radial Basis Function", IEEE International Conference on Computational Intelligence and Computing Research at Tamilnadu College of Engineering, Coimbatore, Tamilnadu, India, ICCIC-2010, December 28-29, 2010.
- [3] Shaikh Abdul Hannan, V. D. Bhagile, R.R. Manza, R. J. Ramteke, "Heart Disease Diagnosis By Using FFBP algorithm of Artificial Neural Network", International Conference on Communication, Computation, Control and Nanotechnology, ICN-2010 Organized by Rural Engineering College Bhalki-585328, during October 29-30, 2010.
- [4] Shaikh Abdul Hannan, Pravin Yannawar, R. R. Manza and R.J. Ramteke, "Association Rules for Filtering the Medicine to Avoid Side Effect of Heart Patient", IEEE Sponsored International Conference on Advances in Computer Vision and Information Technology (IEEE-ACVIT-09) 16th-19th December,2009, Aurangabad (MS)-India.
- [5] Monoj Khandare, Shaikh Abdul Hannan and R.J. Ramteke, "Text to speech system of Indian Languages: Review", on 16 -19 Dec 2009, at Advances in Computer Vision and Information Technology – 09, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- [6] Mir Arif Ali, Shaikh Abdul Hannan and R.J. Ramteke, "Comparative Study of Techniques for Data Hiding" on 16 -19 Dec 2009, at Advances in Computer Vision and Information Technology – 09, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- [7] Imran Khan, Shaikh Abdul Hannan and R.J. Ramteke, "Appearance of Word in Urdu Language: Review", on Innovations in Natural Computing –INC' 09 from 12 – 13 Dec 2009 in Cochin University of Science and Technology, Cochin ,India .
- [8] Shaikh Abdul Hannan and R. R. Manza, "Review on Fingerprint Matching Technique" , in IT & Business Intelligence, on 06-08 Nov 2009, Organized By IMT, Nagpur, India.
- [9] Shaikh Abdul Hannan, Pravin Yannawar, R. R. Manza and R.J. Ramteke, "Data Mining Technique for Detection of Cardiac Problems Using Symptoms Medicine and Its Side effects", in IT & Business Intelligence -09 , in IT & Business Intelligence, on 06-08 Nov 2009, Organized By IMT, Nagpur, India.
- [10] Shaikh Abdul Hannan, Pravin Yannawar, R.R. Manza and R.J. Ramteke, "Expert System Data Collection Technique for Heart Disease" , in IT & Business Intelligence, on 06-08 Nov 2009, Organised By IMT, Nagpur, India.
- [11] Mir Arif Ali, Shaikh Abdul Hannan and R.J. Ramteke, "Classification of data hiding and comparison of bitmap images" , in IT & Business Intelligence, on 06-08 Nov 2009, Organised

By IMT, Nagpur, India.

- [12] Monoj Khandare, Shaikh Abdul Hannan and R.J. Ramteke, "Text to speech in International Language : Review" , in IT & Business Intelligence, on 06-08 Nov 2009, Organised By IMT, Nagpur, India.
- [13] Panda V.K and Shaikh Abdul Hannan, "Application of Computer Vision and object tracking using Kalman Filter" , in IT & Business Intelligence, on 06-08 Nov 2009, Organized By IMT, Nagpur, India.
- [14] Shaikh Abdul Hannan, R. R. Manza and R.J. Ramteke, "Data mining Techniques for verification of Medicine Contents Relation to Cardiac Problem", on 07-09 Aug 2009 in International Conference on Information Processing , in Organized by The Society of Information Processing, Banglore, India.
- [15] Shaikh Abdul Hannan, Pravin Yannawar, R.R. Manza and R.J. Ramteke, "Data Mining For Heart Patient And Its Medical Prescription" , on 06 - 08 Aug 2009 in International Conference organized by Bharathidasan University Technology Park(BUTP) with Cauvary College for women ,Tiruchirapalli, Tamilnadu, India.
- [16] Mir Arif Ali, Shaikh Abdul Hannan and R.J. Ramteke, "Relationship between bitmap image in Various Fonts", in second International Conference On Signal and Image Processing, on 12-14 Aug 2009 organized By Vidya Vikas Institute of Engineering & Technology, Mysore, Kanataka, ,India.
- [17] Manoj Khandare, Shaikh Abdul Hannan and R.J. Ramteke, "Technique for Text to speech System for Indian Language", on 12-14 Aug 2009 in second International Conference On Signal and Image Processing, organized By Vidya Vikas Institute of Engineering & Technology, Mysore, Kanataka ,India.
- [18] Shaikh Abdul Hannan, R.R. Manza and R.J. Ramteke, "Relationship between Symptoms Medicine and Side Effect of Heart Patients", on 12-14 Aug 2009, in second International Conference on Signal and Image Processing, organized By Vidya Vikas Institute of Engineering & Technology, Mysore, Kanataka, India.
- [19] Aparna Joshi, Shaikh Abdul Hannan, and Prapti Deshmukh "Effect of Hamming Code For Error Detection And Correction on Varying number of data bits", International Conference held on dated 28th to 30th Nov. 2007, ACVIT-07, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- [20] Shinde V.K., Manoj Khandare and Shaikh Abdul Hannan, "A Review of I-Smell Technology", International Conference on emerging trends in Computer Science, Communication and Information Technology, organized by the Department of Computer Science, Yeshwant Mahavidyalaya, Nanded (Maharashtra) on Jan 09-11, 2010.
- [21] Satish Misal, Shaikh Abdul Hannan and R.J. Ramteke, "Chain Code and moment invariant technique in image for shape identification", International Conference on emerging trends in Computer Science, Communication and Information Technology, organized by the Department of Computer Science, Yeshwant Mahavidyalaya, Nanded (Maharashtra) on Jan 09-11, 2010.
- [22] Alams Siddiqui, Rasika Kulkarni and Shaikh Abdul Hannan, "Human Computer Interaction", International Conference on emerging trends in Computer Science, Communication and Information Technology, organized by the Department of Computer Science, Yeshwant Mahavidyalaya, Nanded (Maharashtra) on Jan 09-11, 2010.

- [23] Rasika Kulkarni, Alams Siddiqui, and Shaikh Abdul Hannan, "Effects of maritime environment on the fingerprint recognition system", International Conference on emerging trends in Computer Science, Communication and Information Technology, organized by the Department of Computer Science, Yeshwant Mahavidyalaya, Nanded (Maharashtra) on Jan 09-11, 2010.
- [24] Rasika Kulkarni, Alams Siddiqui, and Shaikh Abdul Hannan, "Fingerprint recognition system for matching print pattern", International Conference on emerging trends in Computer Science, Communication and Information Technology, organized by the Department of Computer Science, Yeshwant Mahavidyalaya, Nanded (Maharashtra) on Jan 09-11, 2010.
- [25] Rasika Kulkarni, Alams Siddiqui, and Shaikh Abdul Hannan, "AFLP a technique for DNA fingerprint", International Conference on emerging trends in Computer Science, Communication and Information Technology, organized by the Department of Computer Science, Yeshwant Mahavidyalaya, Nanded (Maharashtra) on Jan 09-11, 2010.
- [26] Alams Siddiqui, Rasika Kulkarni and Shaikh Abdul Hannan, "A review of Micro Array Application in Breast Cancer", International Conference on emerging trends in Computer Science, Communication and Information Technology, organized by the Department of Computer Science, Yeshwant Mahavidyalaya, Nanded (Maharashtra) on Jan 09-11, 2010.

NATIONAL CONFERENCES

- [1] Shaikh Abdul Hannan, R.R. Manza and R.J. Ramteke, "Association Rule of Data Mining for Heart Disease Patient", in Recent Trends in Information Technology (RTIT) on 4-5th Sept. 2009, Mandya.
- [2] Manoj Khandare, Shaikh Abdul Hannan and R.J. Ramteke, "Methods used in TTS for Indian Languages : Review", in Recent Trends in Information Technology (RTIT) on 4-5th Sept. 2009, Mandya.
- [3] Mir Arif Ali, Shaikh Abdul Hannan and R.J. Ramteke, "Bitmap Images and Compression with various fonts in data hiding", in Recent Trends in Information Technology (RTIT) on 4-5th Sept. 2009, Mandya.
- [4] Almas Siddiqui, Rasika Kulkarni and Shaikh Abdul Hannan, "Neurotransmitter : An Advanced Technique Of Neurotransmitter On Chemical Science "A national conference on Emerging Trends in Information Technology held at P.E.S. college of engineering, Aurangabad. 28-29 January 2008.
- [5] Almas Siddiqui, Rasika Kulkarni and Shaikh Abdul Hannan, "Pattern discovery in marketing for customer sequence", Organized & sponsored by - NECTIT – 2010, P.E.S. Engineering College, Aurangabad. Second national conference on Emerging Trends in Information Technology (NCETIT'10) 29-30 January 2010.
- [6] Almas Siddiqui, Rasika Kulkarni and Shaikh Abdul Hannan, " Survey of Preprocessor technique using WEKA", National conference on Recent Trends in computer Application(NCRTCA-2010) 17-18 February 2010. Dept.of management science, Dr.Babasaheb Ambedkar Marathwada University,A'bad.
- [7] Almas Siddiqui, Rasika Kulkarni and Shaikh Abdul Hannan, "Association Rule Learning: Searches for relationship between variables, National conference on Recent Trends in computer

Application (NCRTCA- 2010) 17-18 February 2010. Dept.of management science, Dr. Babasaheb Ambedkar Marathwada University, A' bad.

TEACHING EXPERIENCE

- I have in teaching field since 1998 to till date. I have taught many different subjects to undergraduate and post graduate students related to computer science.
- Major responsibility is to prepare the course plan, prepare lectures and labs, deliver the lectures and conduct the exam.
- I have taught several courses as required by the department/ University.

Courses Taught

1. Information Security and Privacy
2. Object Oriented Programming
3. Multimedia
4. IS Innovation and New Technologies
5. Essay and Research Writing
6. Programming in Java
7. Mobile Application and Development
8. Intelligent System
9. Web Development
10. Data Structure and Algorithm
11. Computer Organization and Architecture
12. Human Computer Interaction
13. Foundation of Information System
14. Computer Network
15. Operating System
16. Enterprise System Architecture
17. Etc.

COMMITTEES

- Curriculum Development Committee
- Abet Accreditation Committee
- Lab Development Committee
- Academic Advisor

AWARDS

- Recently he received for the most prestigious Certificate of Achievement “**ASIA'S INNOVATIVE ACADEMICIAN AWARD in Computer Science**” on 1st October 2023, by the Asia International Research Award Congress 2023, Tiruchy, Tamilnadu, India.
- Recently he received for the most prestigious “**International Academic Excellence Award 2022**” by the International Institute of organized Research (I2OR) which is a registered MSME with the Ministry of Micro, Small and Medium Enterprises, Government of India.
- **Award of Excellence Certificate** in International Journal of Computer Science and Information Technology, for the paper entitled “Development of an Expert System for Diagnosis and appropriate medical prescription of Heart disease using SVM and RBF”, Pittsburg, **United States of America**.
- **First Prize is award in International conference** for paper entitled “*Data Mining Technique for detection of cardiac problems using symptoms medicine and its side effects*”, at Information Technology & Business Intelligence, **Nagpur, India**.

SERVICE / OTHER RELEVANT EXPERIENCE/PROJECTS

Reviewers of the International Journals and conferences

- **Editor in Chief** of International Journal of Multidisciplinary Engineering in current science, Hyderabad, Telangana, India.
- **Associate Editor of** International journal of Artificial Intelligence (IJ-AI Scopus), Indonesia.
- **General Editor of** International Journal of Data Communication and Networking (IJDCN), India.
- **Editorial Board Member** of American Journal of Information Science and Technology, New York, U.S.A.
- **Editorial Board Member** of Computational Intelligence and Information Security, (JCIIS), Australia.
- **Editorial Board Member** of American journal of Information and Science abd Technology, (AJIST), USA.
- **Member of Machine Intelligence and Research Labs (MIR Labs)**, Scientific Network for Innovation and Research Excellence, Washington, USA.
- **Editorial Board Member** of International Journal of Computer Science and Artificial Intelligence (IJCSAI), Taiwan.
- **Editorial Board Member** of International Journal of Current Research, Turkey, (IJCR), Turkey.
- **Editorial Board Member** of International Journal of Computer Science and Emerging Technologies (IJCSET), UK.

- **Guest Editor of Computer Science and Computational Mathematics**, Kuala Lumpur, Malaysia.
- Blue Eyes Intelligence Engineering and Sciences Publication Committee 2023.
- **Editorial Board Member** of International Journal of scientific and Engineering Research (IJSER), India.
- **Editorial Board Member** of International Journal of Inventive Engineering and Science (IJIES), India.
- **Editorial Board Member** of International Journal of Recent Technology and Engineering (IJRTE), India.
- **Editorial Board Member** of International Journal of Soft Computing and Engineering (IJSCE), India.
- **Editorial Board Member** of International Journal of Computer Application and Research (IJCATR), India.
- **Editorial Board Member** of International Journal of Enterprise computing and Business System (IJECS), India.
- **Editorial Board Member** of International Journal of Scientific and Technology Research, India.
- **Editorial Board Member** of International Journal of Computer Science and Technology (IJCST), India.
- **Editorial Board Member** of International Journal of Innovative Science and and Modern Engineering (IJISME), Bhopal, India.
- **Editorial Board Member** of International Journal of Emerging Science and Technology, (IJESE), Bhopal, India.
- **Editorial Board Member** of International Journal of System Design and Information Processing (SDIP), India.
- **Editorial Board Member** of International Journal of Advanced Engineering and Nanotechnology,(IJAENT), India.
- **Editorial Board Member** of International Journal of Research and Analytical Review (IJRAR), India.
- **Editorial Board Member** of International Journal for Research of Applied Science and Engineering Technology (IJARSET), UGC approved, India.
- **Editorial Board Member** of International Journal of Computer Application and Research (IJCATR), India.
- **Member of Machine Intelligence and Research Labs (MIR Labs)**, Scientific Network for Innovation and Research Excellence, Washington, USA.
- **Member of International Association of Engineers (IAENG), Hong Kong : No. 118296.**
- **Life Time member of “Institution of Electronics and Telecommunication Engineers”** IETE, New Delhi.
- **Member of Computer Science Teachers Association (CSTA) (U.S.) : No. 7582967.**
- Reviewer of 11th WSEAS *International Conference on Microelectronics, Nanoelectronics, Optoelectronics (MINO '12)*, April 2-4, 2012, Saint Malo & Mont Saint-Michel, **France**.
- Technical Program Committee Member of *International Conference on Internet Computing, Informatics in E-Business and Applied Computing System (ICIEACS – 2012)*, 27-28 July 2012, Kathmandu, **Nepal**.

- Technical Program Committee Member of *International Conference Computing Communication System and Informatics Management (ICCCSIM 2012)*, 29-30 July 2012, Dubai, **UAE**.
- Technical Program Committee Member of “International Conference on Internet, E-Learning and Education Technologies (ICIEET)”, 23-24 Sept. 2012, **Dubai, United Arab Emirates**.
- Technical Program Committee Member of “International Conference on Computer Science, Information System & Communication Technologies (ICCSISCT)”, 1-2 Sept. 2012, **Bangkok, Thailand**.
- Technical Program Committee Member of “International Conference on Information Integration and Computing Applications (ICIICA)”, August 15-16, 2012, **Singapore**.
- Technical Program Committee Member of “International Conference on E-Education and Learning Technologies (ICEELT)”, August 13-14, 2012, **Singapore**.
- Technical Program Committee Member of “International Conference on Information Technology, E-Government and application(ICITEA) 20-21 Sept. 2012, **Abu Dhabi, United Arab Emirates**.
- Technical Program Committee Member of “International Conference on Human Computing, Education & Information Management System (ICHECIMS)”, August 30-31, 2012, **Bangkok, Thailand**.
- Technical Program Committee Member of “International Conference on Human Computer Interaction & Learning Technology (IHCILT) 1-2 Dec. 2012, **Abu Dhabi, UAE**.
- Technical Program Committee Member of “World Congress in Computer Science, Computer Engineering and Applied Computing (WORLDCOMP’12)”, July 16-19, 2012, **USA**.
- Program Committee Member of International Conference on Security and Management (SAM) July 16-19, 2012, Las Vegas, **USA**.
- Worldwide Academic Community Member of *ICGST International Conference on Computer Science and Engineering (CSE-Dubai-12)*, 16 to 18 July 2012, **Dubai, UAE**.
- International Program Committee Member of 12th *WSEAS International Conference on Multimedia System and Signal Processing (MUSP’12)*, April 18-20, 2012, **Rovaniemi, Europe**.
- **Scientific Committee Member** of 3rd International Conference on Cardiology (Cardiology’12) July 14-17, 2012, Kos Island, Greece.
- **Scientific Committee Member** of 6th WSEAS International Conference on European Computing Conference (ECC’12), Sept. 24-26 2012, Czech Republic, Prague.
- **Scientific Committee Member** of 11th WSEAS International Conference on INFORMATION SECURITY and PRIVACY (ISP '12), Sept. 24-26 2012, Czech Republic, Prague.
- **Scientific Committee Member** of 3rd International Conference on Gastroenterology (GASTROENTEROLOGY '12), **July 14-17, 2012, Kos Island, Greece**.
- **Scientific Committee Member** of 3rd International Conference on MEDICAL

HISTOLOGY and EMBRYOLOGY (HISTEM '12), **July 14-17, 2012, Kos Island, Greece.**

- **Scientific Committee Member** of 11th WSEAS International Conference on INFORMATION SECURITY and PRIVACY (ISP '12), Sept. 24-26 2012, Czech Republic, Prague.
- **Scientific Committee Member** of 5th WSEAS International Conference on Visualization, Imaging and Simulation (VIS'12), **September 7-9, 2012, Sliema, Malta.**
- **Scientific Committee Member** of 13th WSEAS International Conference on Applied Computer Science, (IWATE – ACS'13), April 23-25, Marioka City, Iwate, Japan.
- **Scientific Committee Member** of 6th WSEAS International Conference on Visualization, Imaging and Simulation, (LEMESOS- VIS'13), March 21-23, 2013, Lemusos, Cyprus.
- **Scientific Committee Member** of 1st International Conference on Advanced Information Networking, (LEMESOS- AINJ'13), March 21-23, 2013, Lemusos, Cyprus.
- **Scientific Committee Member** of 2nd International Conference on Circuits, Systems, Communications, Computers and Applications (CSCCA'13), **June 25-27, 2013, Dubrovnik, Croatia.**
- **Scientific Committee Member** of 12th WSEAS International Conference on Electronics, Hardware, Wireless and Optical Communications, (EHAC'13), Jan 30-Feb1 2013, **Cambridge, MA, USA.**
- **Scientific Committee Member** of 1st WSEAS International Conference on Complex Systems and Chaos (COCS'13), **April 23-25, 2013, Morioka City, Iwate, Japan.**
- **Scientific Committee Member** 12th WSEAS International Conference on Artificial Intelligence, Knowledge Engineering and Data Bases (AIKED'13), **April 23-25, 2013, Morioka City, Iwate, Japan.**
- **Scientific Committee Member** of 12th WSEAS International Conference on Applications of Electrical Engineering (AEE'13), Feb 20-22, 2013, Cambridge, UK.
- International Program Committee Member of WORLDCIST'13 March 27-30, 2013, Algarve, Portugal.
- International Program Committee Member of 8th International Conference on Information Processing, Management and Intelligent Information Technology, (ICIPT2013) **Kyoto, Japan**
- International Program Committee Member of “**The 2013 International Conference on Security and Management**” (SAM'13), **July 15 – 18, 2013, Las Vegas, USA.**
- International Journal of Computer Science and Communication Network (IJCSCN), India.
- International Organizing Committee Member in “*World congress on Information and Communication Technologies*” (WICT 2011), organized by **IEEE at Mumbai.**
- International Organizing Committee Member in “*International Conference on Soft Computing for Problem Solving*” (Scopros 2011) organized by **Springer** at Roorkee,

India.

- Worldwide Academic Community Member of *International Congress for global Science and Technology (ICGST) Conference on Artificial Intelligence and Machine Learning*, AIML-11, on 12 April 2011 to 14 April 2011, Grand Medwest Hotel, **Dubai, UAE**.
- Worldwide Academic Community Member of *International Congress for global Science and Technology (ICGST) Conference on Computer Science and Engineering*, Worldwide Academic Community Member at on 19 Dec. 2011 to 21 Dec. 2011, **Istnabul, Turkey**.
- Technical Program Committee Member of at “*IEEE International Conference on Communication Systems and Network Technologies (CSNT 2012)*”, Rajkot, India
- Program Committee Member of “*The 2012 International Conference on Security and Management (SAM’12)*”, July 16-19, **Las Vegas, USA**.
- **Associate Editor** of Bonfring Intellectual Integrity “*International Journal of Data Mining*, Chennai, India.
- International Expert and Advisory Board Member of “*International Journal of Enterprise Computing and Business Systems (IJECBS)*”, Delhi, India.
- Reviewer Board Member of *International Journal of Computer Science and Information Security (IJCSIS)*, **United States of America**.
- Reviewer Board Member of “*International Journal of Computer Science Issues*”, , Doolar Lane, Mahebourg, **Mauritius**.

MEMBERSHIP OF PROFESSIONAL SOCIETIES

- **Member of Machine Intelligence and Research Labs (MIR Labs)**, Scientific Network for Innovation and Research Excellence, Washington, USA.
- **Member of International Association of Engineers (IAENG)**, Hong Kong : No. **118296**.
- **Life Time member of “Institution of Electronics and Telecommunication Engineers”** IETE, New Delhi.
- **Member of Computer Science Teachers Association (CSTA) (U.S.)** : No. **7582967**.
