Dr. Manoj D. Patil

Ph.D Tech.(Computer Science & Engg.)
M.E. in Computer Engineering
B.E. in Electronics & Telecommunication Engineering

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Email: **manoj.patil@mctrgit.ac.in**
Cell No: 9920951545

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Designation: Associate Professor in the Computer Engineering Department.
Experience: Educational 19 Years

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Areas of Interest: Neural Network, Image Processing, Data mining, Machine Learning.

Publications:

Journals:

•   Manoj D. Patil, Chandrashekhar M. Raut, Prashant Y. Itankar, Pravin S. Rahate, "Modified Hybrid Approach For Skin Cancer Detection" **Gradiva Review Journal UGC–CARE Approved Group 'II'** journal ISSN NO: 0363-8057 Scientific Journal Impact Factor – 6.1,GRJ Volume 8, issue 12, 2022. doi:10.37897.GRJ.2022.V8I12.22.50520

•   Manoj D. Patil, Dr.Harsh Mathur, "Prediction of Cardiovascular Disease on Different Parameters Using Machine Learning**" International Journal of Scientific Research in Science, Engineering and Technology** ,Print ISSN: 2395-1990 | Online ISSN : 2394-4099 (www.ijsrset.com) doi : https://doi.org/10.32628/IJSRSET218486

•   Manoj D. Patil, Dr.Harsh Mathur, " Study of Machine Learning Algorithms for Prediction and Diagnosis of Cardiovascular Diseases : A Review**" International Journal of Scientific Research in Computer Science, Engineering and Information Technology** © 2020 IJSRCSEIT | Volume 6 | Issue 2 | ISSN : 2456-3307 DOI : https://doi.org/10.32628/CSEIT2062136

•   Kanchan Gawande, Manoj D. Patil, "Human Activity Detection And Recognition Algorithm From Video Surveillances", **International Journal of Technological Exploration and Learning (IJTEL)**,Volume 2, Issue 5, June 2013,ISSN: 2319-2135.

•   Shlipa Shingare, Manoj D. Patil, "An Image Ranking Using Google Image Search", **International Journal on Advanced Research in Computer Engineering and Technology (IJARCET)**, Volume 3, Issue 1, January2014 ISSN:2278-1323, pp 066-070.

- Purnima Singh, Manoj D. Patil, "Identification Of Phishing Web Pages And Target Detection ", **International Journal on Advanced Research in Computer Engineering and Technology (IJARCET)**, Volume: 03, Issue: 2, february2014, ISSN:2278-1323, pp 260-263.

- Kadambari Metha, Manoj D. Patil, "Towards Developing A Sellenium Based Gui Automation Test Pro: A Comparative Study", **International Journal of Engineering Research and Technology (IJERT)**, Vol.3, Issue 2 february 2014, (ISSN: 2278-0181).

- Pooja Bhise, Manoj D. Patil, "Discovering Informative Knowlledge From Heterogeneous Data Sources To Develop Effective Data Mining", **International Journal of science,Technology and Management (IJSTM)**, Vol.4, Issue 2 february 2015, (ISSN: 2394-1537).

- Kajal Ranshur, Prasad Asrondkar, Prof. M. D.Patil, "Fruit Grading System Using Keras", In**ternational Journal of Innovative Research in Computer and Communication Engineering** e-ISSN: 2320-9801, p-ISSN: 2320-9798, Volume 9, Issue 5, May 2021 DOI: 10.15680/IJIRCCE.2021.0905110
- Sagar Sahu, Sania Salwekar, Atharva Pandit, Manoj Patil," Invoice Processing Using Robotic Process Automation" **International Journal of Scientific Research in Computer Science, Engineering and Information Technology** © 2020 IJSRCSEIT | Volume 6 | Issue 2 | ISSN : 2456-3307 DOI : https://doi.org/10.32628/CSEIT2062106

Conferences:

International Conference:

- Manoj D. Patil, Dr. Dr. Harsh Mathur, "A Modified Hybrid Intelligent Framework for Predicting Heart Diseases" International Conference on Advancements in Sustainable Technology(ICAST-2021), Organized by Gandhi Institute of Technology, Bhubaneshwar in association with IFERP ISBN: 978-93-92105-19-07 on 17th & 18th December2021.

- Manoj D. Patil, Dr. Harsh Mathur,"Prediction And Diagnosis Of Cardiovascular Diseases Using Machine Learning Approach: An Analytical Study " E-International Conference ETCEE-2020 In Association IETE, IEI, IJETEMR, Organized by KDK College of Engineering Nagpur on 11th & 12th June 2020.
- Vaishali V. Gajabe, Manoj D. Patil; "Identifying Automated Cotton Contaminants Techniques", IFERP 2015 International Conference on Emerging Trends in Engineering and technology, August 2015.
- Sanjay Ranveer, Manoj D. Patil; " Recognition Of Person Iris Patterns For Biometric Identification", International Conference on Recent Trends in commerce Management Social Science and Humanities, on 10th August 2015

- Purnima Singh, Manoj D. Patil; " Phishing Web Page Detection Based On Features And Finding Phishing Target", International Conference on Network infrastructure management systems VJTI, Mumbai on June 27,28 2014
- Pooja Bhise, Manoj D. Patil; " Discovering Informative Knowledge From Heterogeneous Data Sources To Develop Effective Data Mining", IFERP2015 International Conference on Emerging Trends in Engineering and technological Sciences, February 2014.
- Manoj D. Patil, Dr. Sudhir D. Sawarkar; " Content Based Image Retrieval System", CSCIT2010,**International Conference**, Nanded (India),Jan.09-11, Organized by Yashwant Mahavidyalaya ,Nanded(MS).

- Pravin S. Rahate, Satish N. Khawshe, Manoj D. Patil; "Implementing SAP methodology to Streamline Business Processes", ICAC 2008, **International Conference**, Chikhali (India), Feb.21-22, POS 82.

National Conference:

- Pravin S. Rahate, Manoj D. Patil, Subodh S. Karve; "Software Usability Testing using Heuristic Evaluation Method", NCCITA 2008, **National Conference**, Thane(M.S.),Jan.17-18, pp-99.

- Manoj D. Patil, Ritu Singh,," Solar Electricity: The Ultimate Solution", NCTIAC 2007, **National Conference**, Navi Mumbai(M.S.), Dec.28-29.

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Project Supervisor

PG level:
1. Human Activity Detection And Recognition Algorithm From Video Surveillances.
2. An Image Ranking Using Google Image Search.
3. Identification Of Phishing Web Pages And Target Detection.
4. Discovering Informative Knowledge From Heterogeneous Data Sources To Develop Effective Data Mining
5. Recognition Of Person Iris Patterns For Biometric Identification.

UG level:
1. Diabetic Retinopathy Detection-A Comparative Analysis of VGG-19 &ResNet-50.
2. Mental Health Tracker

Short Term Training Program:
- FDP on Advances in IOT, Cyber Security and Drone technology from 7th June 2021 to 12th June 2021.
- FDP on Data science using R from 20th Feb 2019 to 22nd Feb 2019.
- One week Faculty Training and Development Program under PLEDGE (Patni Learning Edge) held at Patni Computer Systems, Navi Mumbai.
- Five days training on OOAD Using UML with Fundamentals of Rational Rose conducted by ZenSoft Services Pvt. Ltd.

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Professional Bodies Association: