PROFESSOR & HoD (CSE-DATA SCIENCE)

PROF. (DR.) PRAMOD PAL

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RESEARCH INTERESTS:
Advanced Face Recognition Technology, Computer Network, Software Engineering, Artificial Intelligence, Biometrics & Neural Network & Deep Learning ERP SAP Oracle Apps11i, IoT & IIoT, & Biometrics.

EXPERIENCE:
Academics: 21 yrs
Industry: 4 yrs.

EDUCATION:
PhD, CSE, Techno Global University.
M. Phil CS, Periyar University Salem.
M. Tech IT, Manipal University Udupi.

Courses Taught:

Software Engineering, Neural Network & Deep Learning, Computer Network, Web Technology & Cyber Laws & Ethics, Internet & Web Technology

Projects Handled:

Facial Emotion Detection using AI Machine Learning 2024
Real Time Multi Chat system 2024
Real Estate Price Prediction 2024
Driver Drowsiness detection 2024
Business Network Infrastructure with secure Web Server 2023
Web Music Station Vibe 2023
Movie recommendation System 2023
Face reading System 2022
Emotion Face Recognition System 2021
Palm Geometry Recognition system 2020
Pattern Hand writing Recognition 2019

Vehicle Tracking application 2019 Cybernetic Protector 2019

Research Publications:

#Virtual reality learning and amusement methodology based on artificial intelligence" candian intellectual property office (an agency of industry canada) 50 victoria street, place du portage1, gatineau, quebec, canada k1aoc9 registration no 1186447 date of essuance oct28,2021'

Online Reference: ic.gc.ca/app/opic
cipo/cpyrghts/dtls.do?fileNum=1186467&type=1&lang=eng

#P. K. Pal, Rashi Agarwal, " Science & Technology: Rural Development "Multi Advanced Forensic Research by Multi- Model Human Verification using Face and Speech " proceedings of International Conference on 107th Indian Science Congress Professional Body under **Department of Science & Technology, Ministry of Science & Technology, Government of India** in section of Information and Communication Science & Technology, **University of Agriculture Sciences(A Central University of India), Banglore, Karnataka, India** ,PP XXX- XXX, Jan3 – 7, 2020'

P. K. Pal, " Advanced Face Recognition Technology Animatrics " proceedings of International Conference on Sarvabhaumik Prachatya Vidhaya Sansatha, Nariya, Varanashi, Trithankar Mahaveer University, Moradabad & **BHU (A Central University of India), Varanashi, India**, PP XXX- XXX, April 07 - 08, 2018'

P. K. Pal, Rashi Agarwal, "Reaching The Unreached Through Science & Technology" Forensic Research By Multi View Face Recognition with Min – Max Modular Support Vector Machine " proceedings of International Conference on 105th Indian Science Congress Professional Body under **Department of Science & Technology, Ministry of Science & Technology, Government of India** in section of Information and Communication Science & Technology, **Manipur University(A Central University of India), Imphal. Manipur, India** ,PP XXX- XXX, March 13 - 18, 2018'

#P. K. Pal, " Advanced Forensic Research By Multi View Face Recognition with Min – Max Modular Support Vector Machine " proceedings of 9th International Conference On - Higher Education Standards and Trends Towards Multidisciplinary Studies in the World - 2018 organised by MRP SP Mahila PG College, Barabanki, Lucknow Zone, India in Association with **South Asia** ,PP XXX- XXX, Jan 27 - 29, 2018'

\# P. K. Pal, Rashi Agarwal, "Science & Technology For National Development – " Forensic Research By 3D Face Recognition in an Ambient Intelligence Environment Scenario " proceedings of International Conference on 104th Indian Science Congress Professional Body under **Department of Science & Technology, Ministry of Science & Technology, Government of India** in section of Information and Communication Science & Technology, **S. V. University, Tirupati, India** , PP 152-155, January 3 - 7, 2017'

\# P. K. Pal, Rashi Agarwal, Melaku K.. " Forensic Research By Face Recognization Survey . " proceedings of National Conference Computicos II, CCI, **Wolkite University, Wolkite, Ethiopia** 7 - 7, 2015'

\#P. K. Pal, Rashi Agarwal, Tsedeke T. " Forensic Research By Ethiopia Wolkite Community self Adjustable security Technique based on RRP for Digital Multimedia Services. " proceedings of University Seminar Computicos I, CCI, **Wolkite University, Wolkite, Ethiopia** 17 - 5, 2014'

\# P. K. Pal, Rashi Agarwal, "ICT for inclusive Growth & Green Computing – " Forensic Research By Face recognition: Design and Implementation of Face Recognition System " proceedings of International Conference on 101th Indian Science Congress Professional Body under **Department of Science & Technology, Ministry of Science & Technology, Government of India** in section of Information and Communication Science & Technology, **Jammu University, Jammu, India** , PP 130-131, February 3 - 7, 2014'

\# P. K. Pal, Rashi Agarwal, "ICT for inclusive Growth & Green Computing – " Forensic Research By Dynamic Resource Cofiguration & Management for Distributed Information Fusion in Maritime Surveillance" proceedings of International Conference on 101th Indian Science Congress Professional Body under **Department of Science & Technology, Ministry of Science & Technology, Government of India** in section of Information and Communication Science &, **Jammu University, Jammu, India** , PP 111-112, February 3 - 7, 2014'

\# P. K. Pal, Rashi Agarwal, P. Chaturvedi, "ICT for inclusive Growth & Green Computing – " Forensic Research By Face recognition: An assemble Neural Networks with Co-Evolutionary Algorithm Approach " proceedings of International Conference on 100th Indian Science Congress Professional Body under **Department of Science & Technology, Ministry of Science & Technology, Government of India** in section of Information and Communication Science & Technology, **Calcutta University, Kolkata, India** , PP 130-131,

January 3 - 7, 2013'.

P. K. Pal, Rashi Agarwal, "ICT for inclusive Growth & Green Computing – "New Era Intelligent Computing Multimodal Medical Image Fusion Using DSE Theory " proceedings of International Conference on 100th Indian Science Congress Professional Body under **Department of Science & Technology, Ministry of Science & Technology, Government of India** in section of Information and Communication Science & Technology, **Calcutta University, Kolkata, India** , PP 173-174, January 3 - 7, 2013'.

P. K. Pal, Rashi Agarwal, P. Chaturvedi, "Computer Ethics & Society Today – Forensic Research By Face Detection and Recognition " proceedings of International Conference on 99th Indian Science Congress Professional Body under **Department of Science & Technology, Ministry of Science & Technology, Government of India** in section of Information and Communication Science & Technology, **KIIT University, Odisha, Bhubaneswar , India** , PP 40-41, January3 - 7, 2012'.

P. K. Pal, Rashi Agarwal, "Computer Ethics & Society Today – Artificial Neural Network – Working & Application " proceedings of International Conference on 107th Indian Science Congress Professional Body under **Department of Science & Technology, Ministry of Science & Technology, Government of India** in section of Information and Communication Science & Technology, **KIIT University, Odisha, Bhubaneswar , India** , PP 78- 79, January3 - 7, 2012'.

Pramod Kumar Pal "Forensic Research by Face Reading Systems" In Souvenir of IEEE UP Chapter Conference on Signal Processing and Real Time Operating System(SPRTOS-11) Organized by **Dept. of Electronics Engineering, Harcourt Butler Technological Institute, Kanpur, (U.P.)** - 208002, India, PP 48- 49, March 26 - 27, 2011'.

#Pramod Kumar Pal, Tanu Solanki, Ashish Srivastva, "Medico Research by Artificial Neural Network – work & Applications" In proceedings of 13th Annual Conference of Society of Staistics, Computer and Application Organized by **National Academy of Agricultural Research Management (NAARAM)** Dept. of Statistics, Rajendra Nagar **Hyderabad** – 500407, India, PP, February24 - 26, 2011'.

#P. K. Pal, Ashok Dubey, Arvind Kumar, "Forensic Research by Vision based Hand Gesture Recognition " In proceedings of **International Conference on Intelligent System & Networks (IISN-2011), ISTK, Jagadhari , Hariyana.** PP 238- 244, February18 - 20, 2011'.

#P. K. Pal, Shivali Tyagi, S. Yadav, "Information Technology Empowering Society & People – 3D- Spatial Information Visualization In Geologic Exploration Engineering "

proceedings of International Conference on 98th Indian Science Congress Professional Body under **Department of Science & Technology, Ministry of Science & Technology, Government of India** in section of Information and Communication Science & Technology **S R M University Chennai**, **Tamilnadu, India** ,PP 66-67, January3 - 7, 2011'.

#P. K. Pal, Shivali Tyagi, A. Srivastava, "Information Technology Empowering Society & People – Simultaneous compression and encryption using trigonometric based scheme" proceedings of International Conference on 98th Indian Science Congress Professional Body under **Department of Science & Technology, Ministry of Science & Technology, Government of India** in section of Information and Communication Science & Technology **S R M University, Chennai, Tamilnadu , India** , PP 108-109, January3 - 7, 2011'.

#Pramod Kumar Pal, A. Srivastava, Ashish Srivastva, S. Yadava , Rajeev Sharma, "ROBO-COMP UTING : IMPACT ON SOCIETY " In proceedings of National Conference **at Delhi Institute of Advanced Studies, Rohni, NEW Delhi** ,PP176- 184 March27,2010'

P. K. Pal, Apechha Vishnoi, Aneesha Singh, "Forensic Research by Hybrid FEB Face Recognition Algorithem " In proceedings of **International Conference on Intelligent System & Networks (IISN-2010), ISTK**, Jagadhari **, Hariyana** PP 178- 182, February26 - 28, 2010'

#Pramod Kumar Pal, A. Srivastava, Ashish Srivastva, Geetanjali Verma, "New Era Computing- Medicals Robotics " In proceedings of Twelfth Annual Conference of Society of Staistics, Computer and Application Organized by Dept. of Statistics **Visva- Bharati (A Central University Since1951)** Shantiniketan, Bolpur, **West Bengal** - 731235, PP, February24 - 26, 2010'

#P. K. Pal "Innovating Computing – Counter Propogation Network by Recognizing Animals " proceedings of International Conference on 97th Indian Science Congress Professional Body under **Department of Science & Technology, Ministry of Science & Technology, Government of India** in section of Information and Communication Science & Technology **University Of Kerla**, **Tirvatuenpuram** 793022, India PP 97-98, January3 - 7, 2010'

P. K. Pal, Aneesha Singh, Namrta Dhanda "Forensic Research by Finngerprint Indexing using Level - 2 and Level – 3 Features Approaches by Neural Network based & Line based" In proceedings **of International Conference on Intelligent System & Networks (ISN-2009), ISTK**, Jagadhari**, Hariyana** PP 441-445, February14 - 16, 2009'

P. K. Pal "Innovating Computing – Enterprise Systems Engineering" proceedings of

International Conference on 96th Indian Science Congress Professional Body under **Department of Science & Technology, Ministry of Science & Technology, Government of India** in section of Information and Communication Science & Technology **North – Eastern Hill University, Shillong** 793022, PP 39-40, January3 - 7, 2009'

#P. K. Pal, Apecha Visnoi, C. B. Pal "Forensic Research by A Compression of Face Recognation Algorithem Approaches by Neural Network based & Line based" In proceedings of **International Conference on Intelligent System & Networks(ISN-2008),ISTK**, Jagadhari, **Hariyana** PP.332-336, February, 2008'

P. K. Pal, Apecha Vishnoi "Information Technology – Medical Robotics" in Proceeding of National Conference on Information & Communication Technology in Higher Education, **DBS PG College Kanpur,** PP 27- 30**,** February, 2008'

P. K. Pal, Apecha Vishnoi "Introduction in Biometrics" In Communicated of National Conference on Information Technology Research & Application, Organising by **All India Council of Technical Education, New Delhi**, November, 2007'

P. K. Pal, N. Singh, M. K. Singh "Phases of Biometrics" In Communicated National Seminar on Mathematical Expectation in Computing**, PIT, Jaunpur, Varanasi Zone**, **India** February, 2007'

Additional Responsibilities:
HoD CSE-DS, Dean Administration , IQAC Coordinator, NBA Advisor, Project Advisor

Awards Obtained:
Foreign Speaker University of Jammu India Ministry of Science & Technology Govt. of India ISCA ICT Section 2014

Exec. Member Ministry of Science & Technology Govt. of India ISCA ICT Section 2010
Exec. Member Ministry of Science & Technology Govt. of India ISCA ICT Section 2012
Acting as an Chief Organizing Secretary and Research Paper Review Committee Member for the National Conference, which is going to conduct in Wolkite University (A Central University of Ethiopia) in the Month of July, 2015.
Acted as an Organizing Secretary Team Leader, Research Paper Review Committee Member and Chair Person for the Session of Wolkite University (A Central University of Ethiopia) International Seminar April 26th, 2014.