

International Conference on Man Machine Systems (ICOMMS 2009) - List of Accepted Papers

| S.No. | Paper ID | Name and Affiliation of Authors | Title |
|--------------|-----------------|--|---|
| 1 | 64799 | Anita Thakur, Atishay Mittal, Birla Institute of Technology and Science, Pilani, Rajasthan | Early diagnosis of Ischemia stroke using neural network |
| 2 | 64686 | Veena P, Research scholar, K.S.Rangasamy College of Technology, Tiruchengode-637 215, Tamilnadu,India. | A High Performance DTC Strategy for Torque Ripple Minimization Using duty ratio control for SRM Drive |
| | | Rajaram M, Professor/EEE , Govt.College of Engg., Tirunelveli, Tamil nadu,India. | |
| | | S.N.Sivanandam, Professor /CSE, P.S.G.College of Technology, Coimbatore, Tamil nadu,India. | |
| 3 | 57215 | Paulraj M P, Sazali Bin Yaacob, Sathees Kumar, School of Mechatronic Engineering, Universiti Malaysia Perlis, Perlis, Malaysia. Ahamad Nazri, Centre for Communication Skills & Entrepreneurship, University Malaysia Perlis, Perlis, Malaysia. | A Speech Recognition System for Malaysian English Pronunciation Using Neural Network |
| 4 | 76315 | Alireza khantimoory , Hussein baloochian, Azad Islamic university branch of zanzan | An approach for convert multiply-connected trees in Bayesian networks |
| 5 | 80693 | P.Anandhakumar, Madras Institute of Technology, Anna University - Chennai, India. | An Efficient Color and Texture Based Image Retrieval Technique using BPN and Fuzzy Approach |
| | | V.Balamurugan, St.Peter's Engineering College, Chennai, India. | |
| 6 | 90380 | Hema C.R., Paulraj M.P., S.Yaacob, A.H. Adom, R. Nagarajan School of Mechatronic Engineering, Universiti Malaysia Perlis, Jejawi, Perlis, Malaysia. | Brain Machine Interface based Wheelchair Control with Minimal Subject Training |
| 7 | 85392 | Melkamu. H. Asmare, Vijanth S. Asirvadam, Lila Iznita, Department of Electrical and Electronic Engineering, Universiti Teknologi PETRONAS, Tronoh, Perak, Malaysia | Color Image Denoising and Contrast Enhancement in Contourlet Domain |

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| 8 | 52974 | Gururaghav Gopal, PG Scholar, Rathi S, Senior Lecturer, Government College of Technology, Coimbatore, Tamilnadu, India – 641 013. | Content Aware Image Processing for Effecient Logistic Supply (CAIPELS) |
| 9 | 78585 | C.Govindaraju, Electrical and Electronics Engineering, Government College of Engineering, Salem, India. | CPLD Based Hybrid PWM Control Algorithm for Cascaded Multilevel Inverter |
| | | Dr.K.Baskaran, Computer Science and Engineering, Government College of Technology, Coimbatore, India. | |
| 10 | 62522 | Gobinath Subramaniam, Kalyani subramaniam, Senthil Raja Balakrishnan, PG Scholar(s), Baskaran Kaliaperumal, Assistant Professor, Government College of Technology, Coimbatore, Tamilnadu, India – 641 013. | DES Enabled Fingerprint System |
| 11 | 92307 | Mostafa Marandi , Sassan Azadi, Department of Mechatronic, Semnan University, Semnan, Iran. | Design of an Adaptive Neuro-Fuzzy Position Controller for a Pneumatic System |
| 12 | 23686 | Zeyad Assi Obaid, Nasri B Sulaiman, and Mohd Nizar bin Hamidon, Department of Electrical & Electronic Engineering, Faculty of Engineering, University Putra Malaysia, 43400 UPM Serdang, Selangor Darul Ehsan, Malaysia. | Design Representation of the Multipurpose Fuzzy Logic Controller using Hardware Description Language |
| 13 | 84222 | Mohd Saifizi Saidon, Hazry Desa, Paulraj Murugesu Pandian and Mohd Sofian M. Rosbi, School of Mechatronic Engineering, University Malaysia Perlis | Developing Stereo Vision System for Object Recognition and Positioning of AMAD-R Mobile Robot |
| 14 | 90825 | Keem Siah Yap, Department of Electronics & Communication Engineering, Universiti Tenga Nasional, Malaysia. | Development and Application of An Enhanced ART-Based Neural Network |
| | | Chee Peng Lim, School of Electrical & Electronic Engineering, Universiti Sains Malaysia, Malaysia. | |
| | | Eric W.M Lee, Department of Building and Construction, City University of Hong Kong, Hong Kong, China. | |

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| | | Junita Mohamed Saleh, School of Electrical & Electronic Engineering, Universiti Sains Malaysia, Malaysia. | |
| 15 | 48035 | Norshuhani Zamin, Noor Idayu Zainal, Department of Computer and Information Sciences, Universiti Teknologi PETRONAS, Bandar Seri Iskandar, 31750 Tronoh, Perak, MALAYSIA. | Development of a Fuzzy Expert System for Dieticians |
| 16 | 12924 | Norshuhani Zamin, Diyana Syamsiyah Rozali, Department of Computer and Information Sciences, Universiti Teknologi PETRONAS, Bandar Seri Iskandar, 31750 Tronoh, Perak, MALAYSIA. | Development of an Adaptive Assessment System using Fuzzy Logic |
| 17 | 89893 | Muhyi Yaakop, Sazali Yaacob, School of Mechatronic, Abdul Rahman Mohd Saad, School of computer and communication, M Harihran, R. Nagarajan, School of Mechatronic, Universiti Malaysia Perlis 02600 Jejawi, Perlis. Malaysia. | Development of Attitude Control System for Nano-Satellite Applications |
| 18 | 99070 | Sivarao, M.S.Rizal, Tajul, Faculty of Manufacturing Engineering, Universiti Teknikal Malaysia Melaka (UTeM), Ayer Keroh, Melaka, Malaysia. | Development of Man-Machine Interface by Adaptive Network-Based Fuzzy Inference System (ANFIS) For Laser Machining |
| 19 | 48755 | S.Hamidreza Mohades Kasaei, S.Mohammadreza Mohades Kasaei, Mohsen Taheri, Mohsen Tavakoli, Mohammad Rahimi, Hossein Vahiddastjerdi, Department of computer & electrical engineering, Khorasgan Azad University, Isfahan-Iran. | Dynamic role engine and formation control for cooperating agents |
| 20 | 32696 | Norshuhani Zamin, Department of Computer and Information Sciences, Universiti Teknologi PETRONAS, Bandar Seri Iskandar, 31750 Tronoh, Perak, MALAYSIA. | Extracting Drug-Disease Relationship from Medical Literatures using Link Grammar: A Preliminary Study |

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| 21 | 71763 | Wafa barkhoda, Fardin Akhlaqian Tab, Om-Kolsoom Shahryari, Department of Computer, University of Kurdistan, Sanandaj, Iran. | Fuzzy Edge Detection Based on Pixels Gradient and Standard Deviation Values |
| 22 | 86041 | Mohammed Obaid Ali, S. P. Koh, K. H. Chong, S.K.Tiong, Department of Electronics and Communication Engineering, Universiti Tenaga Nasional 43009 Kajang, Selangor Darul Ehsan, Malaysia. | Genetic Algorithm Tuning Based PID Controller for Liquid-Level Tank System |
| 23 | 49081 | Veena P, Research scholar, K.S.Rangasamy College of Technology, Tiruchengode-637 215, Tamilnadu,India, | Genetic Neuro Controller Based Direct Torque Control For Switched Reluctance Motor Drive |
| | | Rajaram M, Professor/EEE , Govt.College of Engg., Tirunelveli, Tamil nadu,India. | |
| | | S.N.Sivanandam, Professor /CSE, P.S.G.College of Technology, Coimbatore, Tamil nadu,India | |
| 24 | 47174 | Dr. Vipul A. Shah, Dharmsinh Desai University, Nadiad, Gujarat (India). | Implementation of FIS System Using Virtual Instrumentation. |
| 25 | 45688 | P.Eh Kan, R.A.Raof, School of Computer and Communication Engineering, Universiti Malaysia Perlis, Kangar, Perlis, Malaysia. | Mel Frequency Cepstral Coefficient (MFCC) Extraction for Speaker Identification on FPGA |
| 26 | 43460 | Paulraj M P, Sazali Yaacob, Mohd Zubir Md Zin, School of Mechatronics Engineering, Universiti Malaysia Perlis, Perlis, Malaysia. | Motorbike Engine Faults Diagnosing System Using Entropy and Functional Link Neural Network in Wavelet Domain |
| 27 | 43670 | Wahyudi and Wali Ahmad (a) Myo Min Htut, Intelligent Mechatronics Research Unit, Department of Mechatronics Engineering, Faculty of Engineering International Islamic University Malaysia (IIUM), PO BOX 10, 50728, Kuala Lumpur, Malaysia. | Neural-tuned PID Control for Point-to-point (PTP) Positioning System: Model Reference Approach |

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| 28 | 96880 | D. Chitra, Research Scholar, Department of EEE, Government College of Technology, Coimbatore, TamilNadu, India. | Shape Matching and Object Recognition Using Dissimilarity Measures with Hungarian Algorithm |
| | | N. Devarajan, Assistant Professor, Department of EEE, Government College of Technology, Coimbatore, TamilNadu, India. | |
| | | T. Manigandan, Professor, Department of EEE, Kongu Engineering College, Erode, TamilNadu, India. | |
| 29 | 61224 | Wafa Barkhoda, Fardin Akhlaqian Tab, Mehran Deljavan Amiri, University of Kurdistan. | Sketch Based Retina Identification Using Angular Partitioning |
| 30 | 79406 | Shariffah Fauziah Jap, Dr Ali Chekima, Mazlina Mamat, Wan Mahani Abdullah School of Engineering and Information Technology University Malaysia Sabah, Locked Bag No. 2073,88999 Kota Kinabalu, Sabah, Malaysia. | Speaker Verification Based on Speech Signal |
| 31 | 24451 | K.Seetharaman, Department of Computer Science and Engineering, Annamalai University, Annamalainagar, 608002, Tamilnadu, INDIA. | Texture Analysis Based On A Family Of Stochastic Models |
| 32 | 75518 | R. Nagarajan, Paulraj M P, Sazali Yaacob, Zaridah Mat Zain, School of Mechatronic, Universiti Malaysia Perlis 02600 Jejawi, Perlis, Malaysia. | Two Axis Adaptive Predictive Fuzzy Logic Controller for a Pico-satellite |
| | | Warren Soh Kay Hoh 2Ahmad Sabirin Arshad, Astronautic Technology (M) Sdn Bhd, No 2 Jalan Jururancang U1/21, Section U1 Hicom Glenmarie Industrial Park, 40000 Shah Alam, Selangor, MALAYSIA. | |
| 33 | 82377 | S.U.Prabha, C.Venkatasashaiah and M.Senthil Arumugam FET,Multimedia University, Melaka Campus, Malaysia. | Visualization and Image analysis of power transmission network using mathematical morphology techniques |

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| 34 | 34698 | Zainab Nazar Khalil Wafi, R.B. Ahmad, School of Computer and Communication Engineering, Paulraj M P, School of Mechatronic Engineering, Universiti Malaysia Perlis, Malaysia. | Wireless Cameras Network for Intelligent Traffic Surveillance System |
| 35 | 11908 | A.Saidatul, M.R Tamjis, N.F Mohammad, Sazali Yaacob, Biomedical Electronic Program, School of Mechatronics, University Malaysia Perlis, 01000, Perlis, Malaysia. | A Preliminary Study of Noise Effect on Pulse Rate, Blood Pressure and EEG Signal |
| 36 | 52098 | N.F Mohammad, A.Saidatul, Biomedical Electronic Engineering Program, M.R Tamjis, Mechatronic Engineering Program, School of Mechatronic, Universiti Malaysia Perlis 01000, Perlis, Malaysia. | A Study of Noise Effect on the Fast Brain Activity |
| 37 | 78440 | Mohd Yusof Baharuddin, Biomedical Electronics Engineering Program, Schools of Mechatronics, University Malaysia Perlis, Malaysia. Biomedical Engineering Departments, University of Melbourne, Australia. | Analysis of Voice and Sentence Repetition using FSL |
| 38 | 78800 | A. A. Sharizli, Faculty of Electrical and Electronics Engineering, University Malaysia Pahang, Pahang, Malaysia. | ARME Appliance: The New Design of Rapid Maxillary Expansion Appliance |
| | | N.A. Abu Osman, Z. Radzi, Department of Biomedical Engineering, University Malaya, Kuala Lumpur, Malaysia. | |
| | | A.A. Saifizul, Department of Mechanical Engineering, University Malaya, Kuala Lumpur, Malaysia. | |
| 39 | 49701 | M.K. Osman, M.Y. Mashor, Electronic & Biomedical Intelligent Systems (EBItS) Research Group, School of Mechatronic Engineering, Universiti Malaysia Perlis, 02600 Jejawi, Arau, Perlis, MALAYSIA. | Colour Image Enhancement using Bright and Dark Stretching Techniques for Tissue based Tuberculosis Bacilli |

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| | | H. Jaafar, Department of Patology, School of Medical Science, Universiti Sains Malaysia,16150 Kubang Kerian, Kelantan, MALAYSIA. | Detection |
| 40 | 85130 | Mohd Yusof Baharuddin, Biomedical Electronics Engineering Program, Schools of Mechatronics, University Malaysia Perlis, Malaysia. Biomedical Engineering Departments, University of Melbourne, Australia. | Computational Modeling of Caspase Activated DNAase (CAD) |
| 41 | 78510 | Mohd Yusof Baharuddin, Biomedical Electronics Engineering Program, Schools of Mechatronics, University Malaysia Perlis, Malaysia. Biomedical Engineering Departments, University of Melbourne, Australia. | Detection of Corpus Collosum using DTI Tractograph |
| 42 | 81068 | Syahrull Hi-Fi Syam b Ahmad Jamil, Sazali Yaacob, Paulraj M.P, Ku Halim bin Ku Ariffin, School of Mechatronic Engineering, Universiti Malaysia Perlis, 02600 Jejawi, Perlis, Malaysia. | Determination Of Stress Index : Approach and challengess |
| 43 | 14671 | Vijanth S. Asirvadam, Kaur Seth Pisal, Lila Iznita Izhar and Noor Anis.M.Khuzi, Department of Electrical and Electronics, Universiti Teknologi Petronas, 31750, Tronoh, Perak D. Ridzuan, Malaysia. | ECG Viewed using Grayscale Patterns |
| 44 | 97328 | Muhammad Naufal Mansor , Sazali Yaacob , R. Nagarajan,M.Hariharan Universiti Malaysia Perlis, Malaysia. | Design And Development Of Stereo Motion For Mobile Observation Center |
| 45 | 25893 | M.Murugappan, R.Nagarajan, and S Yaacob, School of Mechatronic Engineering, Universiti Malaysia Perlis, 02600, Jejawi, Arau, Kangar, Perlis, MALAYSIA. | Modified Energy based Time-Frequency Features for Classifying Human Emotions using EEG |

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| 46 | 70513 | Hema C.R. , Paulraj M.P., S. Yaacob, A.H. Hamid, Nagarajan R., School of Mechatronic Engineering , Universiti Malaysia Perlis, Malaysia. | Neuro Fuzzy based Motor Imagery Classification for a Four Class Brain Machine Interface |
| 47 | 81587 | Azian Azamimi and Yoshifumi Nishio, Department of Electrical and Electronic Engineering, Tokushima University. | On the Chaotic Nature of Biological Signals using Nonlinear Data Analysis Methodolgy |
| 48 | 89779 | Lim Sin Chee, Ooi Chia Ai, Sazali Yaacob Universiti Malaysia Perlis, Jalan Kangar-Arau, 02600 Jejawi Perlis. | Overview of Automatic Stuttering Recognition System |
| 49 | 63832 | B.HemaKumar, R.Anandanatarajan, Department of Electronics and Instrumentation Engineering, Pondicherry Engineering College, Puducherry, India | Separation of Heart Sounds & Lung Sounds Using Independent Component Analysis |
| 50 | 97133 | Mohd Yusof Baharuddin, Biomedical Electronics Engineering Program, Schools of Mechatronics, University Malaysia Perlis, Malaysia. Biomedical Engineering Departments, University of Melbourne, Australia. | Speech Processing of Malay Velar Words using PSD |
| 51 | 15467 | Lim Eng Aik, Institut Matematik Kejuruteraan, Universiti Malaysia Perlis 02000 Perlis, Malaysia. | 2-D Analysis Based ILC for Linear Time-Variant Discrete Systems with Multiple Time Delays |
| 52 | 89379 | Dr.K.R.Shankar Kumar, Professor, Dept of ECE, Sri Ramakrishna Engineering College, Coimbatore. T.Gunasekaran, Dept of ECE, Asst.Prof, S.Manisankar, K.Parthiban, I.Periyasamy, R.Sivakumar, Final year, UG Scholars, Department of ECE, Bannari Amman Institute of Technology, Sathyamangalam, Erode dt., Tamilnadu, India. | A Certain Investigations on the Performance Issues of Smart Antennas for Cellular Mobile Communications |

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| 53 | 41672 | K.Seetharaman, Department of Computer Science and Engineering, Annamalai University, Annamalainagar, 608002, Tamilnadu, INDIA. | A Statistical Based Scheme For Color Image Retrieval |
| 54 | 47305 | D.Hazry, M.Sofian, M.Zahiruddin, Autonomous and Machine Vision Lab, Mechatronics Engineering, School of Mechatronic Engineering, Universiti Malaysia Perlis, 01000 Kangar, Perlis, MALAYSIA. | A Study of Infrastructure for Real-Time Location System |
| 55 | 76819 | A.B. Mohamed, Fakulti Kejuruteraan Mekanikal UiTM, Shah Alam, Malaysia | Analysis of Roudness Measurements Using Coordinate Measuring Machine (CMM) |
| | | M.A. Ayub, German Malaysian Institute, Malaysia. | |
| 56 | 33253 | S. Malayappan, Principal, Saranathan Engineering College, Trichy, Tamilnadu, India. | Design of a sequential control circuit for an industrial robot using cascading method |
| | | K. Arul Raj, S. Sathya Arunachalam, Senior Lecturer(s), Department of Mechanical Engineering, Einstein College of Engineering, Tirunelveli, Tamilnadu, India. | |
| | | S. Venugopal, Scientist, Robotics section, Indira Gandhi centre for Atomic research, Kalpakkam, Tamilnadu, India. | |
| | | D. Ramalingam, Professor, Department of Mechanical Engineering, Prist University, Tanjavore, Tamilnadu, India. | |
| 57 | 56394 | R.Saranya and Mr.K.RamPrakash. Department of Electronics and Communication Engineering, Kumaraguru College Of Technology, Coimbatore 641006. | Design of reconfigurable antenna array for WLAN and WIMAX applications. |
| 58 | 19345 | K. Raja, Professor, CSE, Narasu's Sarathy Institute of Technology, Salem, India. | Developing a Knowledge Based Group Decision Support System With Reference to Cognitive Analysis in India |
| | | S.K. Srivatsa, Professor, ECE, St.Joseph"s College of Engineering, Chennai, India. | |
| | | C.Umapathi, Assistant Professor, CSE, Sathyabama Unviersity, Chennai, India. | |

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| 59 | 66443 | Kh. Belgacem, Department of electrical engineering, ENSET-Oran, ALGERIA. | Fuzzy Sliding Mode Controller for Induction Motor Speed Control. |
| | | M. Zerikat1 A. Hazzab, University center of Bechar B.P 417 Bechar, ALGERIA. | |
| 60 | 63499 | Fitri.MY, Wahyudi and R. Akmeliawati, and Andika A.Wijaya, UTM International Campus, Department of Electrical Engineering, Kuala Lumpur, Malaysia. | New Control of Two Mass Positioning System Using NCTF “ Compare with PID Controller |
| 61 | 29577 | L.Alex, S.Jaikumar, R.Udhaya | Offline email accessing |
| 62 | 74608 | Arpana Rawal, Reader, Department of Computer Applications, Bhilai Institute of Technology, Durg, (C.G.),INDIA. | Ranking Text Relevance Measures using Probabilistic Techniques : Relevance Number |
| | | H.R.Sharma,Professor, Department of Computer Science and Engg, Chhatrapati Shivaji Institute of Tech, Durg. | |
| | | M.K. Kowar, Professor, Department of Electronics and telecomm, Bhilai Institute of Technology, Durg. | |
| | | Sanjay Sharma, Associate Professor, Department of Engineering Mathematics, Bhilai Institute of Technology, Durg. | |
| 63 | 87689 | D.Hazry M.R., Mohd Sofian, M.D.Muhamad Firdaus, Autonomous System and Machine Vision Laboratory, School of Mechatronic, Universiti Malaysia Perlis, 01000 Kangar, Perlis, Malaysia. | Study of Control Signal for Quadrotor UAV |
| 64 | 54721 | Hazry Desa, M.Sofian, Shaiful Zairi, Autonomous System and Machine Vision Group, Universiti Malaysia Perlis, 01000 Kangar, Perlis, Malaysia. | Study of Integration 2.4GHz and 5.8GHz |

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| 65 | 41158 | D.Hazry, M.R.M.Sofian, M.R.Muhamad Fadhlan, Autonomous System and Machine Vision Lab, School of Mechatronic Engineering, Universiti Malaysia Perlis, 02600 Jejawi, Arau, Perlis, MALAYSIA. | Study of Real Time Database Management System (RTDBMS) on Inventory system |
| 66 | 28629 | Ani Thomas, Reader, Department of Computer Applications, Bhilai Institute of Technology, Durg, (C.G.),INDIA. | The Role of Answer Keys in Subjective Question-Answering Assessments |
| | | H.R.Sharma, Professor, Department of Computer Science and Engg, Chhatrapati Shivaji Institute of Tech, Durg. | |
| | | M.K. Kowar, Professor, Department of Electronics and telecomm, Bhilai Institute of Technology, Durg. | |
| | | Sanjay Sharma, Associate Professor, Department of Engineering Mathematics, Bhilai Institute of Technology, Durg. | |
| 67 | 44051 | N.Senthilnathan, Research Scholar, Dept of EEE, and Prof.Dr.T.Manigandan,Professor, Dept of EEE, Kongu Engineering College, Perundurai, India. | Virtual Harmonic Analyser – Harmonic Analysis and Estimation of THD using LabVIEW |
| 68 | 61890 | Natarajan R, Dinesh Singh J, Niveditha R, UG, Bachelor of Information Technology, Sri Sairam Engineering College, Chennai, INDIA. | 'IT-Healthcare'-An Integration of Robotics and Embedded Sysytes for Better Healthcare |
| 69 | 36249 | Paulraj M P, School of Mechatronic Engineering, Fadzilah Hashim, R. Badlishah Ahmad, School of Computer and Communication Engineering, Hema C.R, MHA Hamid, School of Mechatronic Engineering, University Malaysia Perlis, Perlis, Malaysia. | Active Stereo Vision Based System for Estimation of Mobile Robot Orientation using Composition Matrix |

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| 70 | 23981 | Chin Kim On, Jason Teo, Azali Saudi, Evolutionary Computing Laboratory, School of Engineering and Information Technology, Universiti Malaysia Sabah, Locked Bag No. 2073, 88999 Kota Kinabalu, Sabah, Malaysia. | Automatic Generation of Swarm Robotic Behaviors using Multi-objective Evolution |
| 71 | 59914 | Rudzuan Mohd Nor, Hazry Bin Desa, Mohd Sofian Mohammad Rosbi, Prof. Dr. Ramachandran Nagarajan, Universiti Malaysia Perlis. | Developing an Autonomous Mobile Robot and a Study of Navigation towards Nonholonomic problems |
| 72 | 21215 | A. A. Shafie, M. F. Alias, M. H. Ali International Islamic University Malaysia, P.O Box 10, 50278, Kuala Lumpur. | Autonomous Soccer Robot Using Triple Infra-Red Sensors For Ball Detection |
| 73 | 47450 | J.Priyadarshini, TRA,Dept. of I.T, MIT Campus, Anna University, Chennai, Tamilnadu, India. A.Elaya Perumal, Assistant Professor, Mech engg., CEG Campus, Anna University, Chennai, Tamilnadu, India. P.Anandhakumar, Assistant Professor, IT, MIT Campus, Anna University, Chennai, Tamilnadu, India. S.Venugopal, Head, RIR division, IGCAR, Kalpakkam, Tamilnadu, India. | Dynamic Leadership Algorithm for Hierarchical Multi-Smart Robot Coordination in Atomic Power plants |
| 74 | 25239 | S.H.Kasaei, S.M.Kasaei, S.A.Kasaei, M.Taheri, H.Vahiddastgerdi ,M.Rahimi, M.Saeidinezhad, M.Ghobadi, O.Godarzi, Islamic Azad University-Khorasgan Branch- Youngs Researcher Club (Isfahan). | Effective Mechatronic Models and Methods for an Autonomous Soccer Robot Implementation |
| 75 | 76266 | Rosfariedah Rusli, R. Nagarajan, Muhajir Rahim, School of Mechatronic Engineering, Universiti Malaysia Perlis, 02600 Jejawi, Perlis. | Fuzzy Variable Structure Control with Reduced-order Observer for Micro Satellite Stabilization in Space |

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| 76 | 15068 | M.Taheri, S.H.Mohades Kasaei, S.A.Monajemi ³ , S.M.Mohades Kasaei, H.Vahiddastjerdi and M.Rahimi Institute of Robotics and Intelligent Systems, Khorasgan Islamic Azad University, Isfahan, Iran. | How Does “Modular Hierarchical Architecture Concept” Help Us to Enhance Robot’s Function? |
| 77 | 71423 | S.H.Kasaei, S.M.Kasaei, S.A.Kasaei, M.Taheri, Islamic Azad University, Khorasgan Branch, Isfahan, Young Researchers Club, Iran. | Improvement performance for Humanoid Soccer robot via Robust Structure Design and Fuzzy Rule-Based Motion Controller. |
| 78 | 62413 | Jr-Syu Yang, Associate Professor, Department of Mechanical and Electro-Mechanical Engineering, Tamkang University, Tamsui, Taipei, Taiwan. | Offense/Defense Decision-Making Controller for a Billiard Robot |
| | | Chan-Yun Yang, Associate professor, Department of Mechanical Engineering, Technology and Science Institute of Northern Taiwan. | |
| | | Chia-Hsiao Liu, Graduated student, Tamkang University, Tamsui, Taipei, Taiwan. | |
| 79 | 80967 | Khairulnizam Othman K.Sundaraj School of Mechatronic Engineering, Universiti Malaysia Perlis, 02600 Jejawi-Arau, Perlis, MALAYSIA. | Remotely Navigated Mobile Platform Using Voice Command |
| 80 | 83694 | Shahriman Bin Abu Bakar, Ryojun Ikeura, Ahmad Faizal Salleh, Takemi Yano, Department of Mechanical Engineering, Mie University, Mie, Japan. | Study on Communication Method between Two Humans during Cooperative Task |
| 81 | 75173 | R. R. Porle, A. Chekima, F. Wong, School of Engineering and Information Technology, Universiti Malaysia Sabah, Locked Bag No. 2073, 88999 Kota Kinabalu, Sabah, Malaysia. | 2D Upper Human Body Pose Modelling Using Windowing and Template Matching Techniques |
| | | G. Sainarayanan, Department of Electrical & Electronics, New Horizon College of Engineering, Bangalore – 560 087. | |

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| 82 | 34112 | V. Archana Srinivasan, Student, G.Kavitha, Lecturer, Dept. Of Electronics Engg.Madras Institute of Technology, Chennai, Tamilnadu, India. | A hybrid technique for video object extraction and detection |
| 83 | 11639 | A. Nureize, J. Watada, Graduate School of Information, Production and System, Waseda University,2-7 Hibikino, Wakamatsu, Kitakyushu, 808-0135 Japan. | A Multi-criteria Fuzzy Regression Model for Evaluating Oil Palm Grading |
| 84 | 58222 | Paulraj M P, Hema C.R., Universiti Malaysia Perlis; Pranesh Krishnan, University Malaysia Perlis; Perlis, Malaysia. Siti Sofiah Mohd Radzi, University Of Sheffield, England. | Color Recognition Algorithm Using A Neural Network Model In Determining The Ripeness Of A Banana |
| 85 | 80124 | Paulraj M P, Mohd Shukry Abdul Majid, Sazali Yaacob, Mohd Hafiz Fazalul Rahiman, Pranesh Krishnan, University Malaysia Perlis, Perlis, Malaysia. | Damage Detection in Steel Plates using Discrete Cosine Transformation Techniques and Artificial Neural Network |
| 86 | 94342 | Kushal Sreedhar, Department of Electronics and Communication Engineering, RNS Institute of Technology, Channasandra, Bangalore 560061. | FPGA configuration on Xilinx ML-506 Development Board through the USB port in C/HDL |
| 87 | 26112 | K. Anayet, I. Daut, HS. Syafruddin, M. Dina, School of Electrical Systems Engineering, Power Electronics and Electrical Machine Design Research Cluster, 02000 Kuala Perlis, Malaysia. | Investigation of Rolling and Hard Direction of Magnetic Field Distribution on Grain Oriented M5 Electrical Steel Material |
| 88 | 77163 | T.V.P. Sundararajan, Assistant Professor, P.Karthik, Student, Dr. A. Shanmugam, Principal, Bannari Amman Institute Of Technology, Sathyamangalam. India. | Security & Scalability of MANET Routing protocols in Homogeneous & heterogeneous networks |
| 89 | 89091 | Prof. Dr. P.A. Vengkatachalam, K.Chandrasekaran, Assoc.Prof. Dr. Mohd Noh Karsiti, Assoc.Prof. Dr. K.S.Rama Rao, Electrical and Electronic Engineering Department, Universiti Teknologi PETRONAS, Malaysia. | Simulation Model Of Power Quality Provider |

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| 90 | 10625 | M.F. Hassan, Faculty of Mechanical Engineering, Universiti Malaysia Pahang, 26300 Kuantan, Pahang, Malaysia. | Vibration Suppression of a Handheld Tool Using Active Force Control with Crude Approximation Method |
| | | M. Mailah, Department of Applied Mechanics, Faculty of Mechanical Engineering, Universiti Teknologi Malaysia, 81310 Skudai, Johor, Malaysia. | |
| | | M.A. Salim, Faculty of Mechanical Engineering, Universiti Teknikal Malaysia Melaka, Locked Bag 1200, Hang Tuah Jaya, 75450 Ayer Keroh, Melaka, Malaysia. | |
| | | A. Juliawati, Faculty of Mechanical Engineering, Universiti Malaysia Pahang, 26300 Kuantan, Pahang, Malaysia. | |
| 91 | 70510 | B. Abirami, Student, G. Kavitha, Lecturer, Dept of Electronics Engineering MIT Campus, Anna University, Chennai, Tamilnadu, India. | Video Object Extraction by Combining Adaptive Background Subtraction & Coarse to Fine Optical Flow Method |
| 92 | 19099 | Bashir Mohammed Ghandi, R. Nagarajan and Hazry Desa School of Mechatronic Engineering Universiti Malaysia Perlis , 02600 Jejawi, Perlis, Malaysia. | Facial Emotion Detection using Guided Particle |
| 93 | 20017 | Noor Akhmad Setiawan, P.A. Venkatachalam, and Ahmad Fadzil M.Hani., Department of Electrical and Electronic Engineering, Universiti Teknologi PETRONAS, Bandar Seri Iskandar, Tronoh 31750, Perak Darul Ridzuan, Malaysia. | Swarm Optimization (GPSO) |
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| 95 | 65961 | S. Dhanalakshmi, Professor & Head, Department of MCA, Selvam College of Technology, Namakkal, India. | Secure Data Communication For Mobile Ad Hoc Network Using Zonal Routing Protocol |
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| 96 | 89565 | Rajaram M, Professor/EEE , Govt.College of Engg., Tirunelveli, Tamil nadu,India. D.Thilagavathy, Research Scholar,Adhiyamaan College of Engg, Hosur, India. | Authenticated Collaborative Key Agreement for Dynamic Peer Groups |
| 97 | 59467 | Mohd Rizal Manan, Mohd Hafiz Fazalul Rahiman, Sazali Yaacob, Tomography Imaging Research Group, School of Mechatronic Engineering, Universiti Malaysia Perlis, 02600 Jejawi, Arau, Perlis, Malaysia. Ruzairi Abdul Rahim, Process Tomography Research Group (PROTOM), Department of Control and Instrumentation Engineering, Faculty of Electrical Engineering, Universiti Teknologi Malaysia, 81310 UTM Skudai, Johor, Malaysia. | Homogeneous and Non-homogeneous Media Identification and Circuitry Design of Multiphase Ultrasonic Tomography |
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| 106 | 96433 | M.Prabu Research Scholar, Anna University-Coimbatore, Tamil Nadu, India. Dr. R.Shanmugalakshmi, Assistant Professor, Department of CSE, Government College of Technology, Coimbatore, India | Signature Schemes: Variant Signature Scheme on ECDSA |
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