

MISRIMAL NAVAJEE MUNOTH JAIN ENGINEERING COLLEGE

Department of EEE

Academic Excellence

Academic Year 2015-2016:

- Mr. V. Gnanasekar, Assistant Professor/EEE attended a two days Faculty Development Programme on “TI Analog System Design by using ASLK Pro” on 20/05/15 and 21/05/15 at Anand Institute of Higher Technology.
- Dr. Nimain Charan Nayak, Associate Professor/EEE have been selected as a member of the Editorial Board of “i-manager’s Journal on Power Systems Engineering (JPS)”.
- Mr. N. Gnanasekaran, Associate Professor & HOD/EEE published a paper titled “ Energy loss minimization and reliability enhancement in radial distribution systems during line outages” in “APRN Journal of Engineering and Applied Sciences” in the month of October 2015.
- Mr. N. Gnanasekaran, Associate Professor & HOD/EEE published a paper titled “Maximum Cost saving approach for optimal capacitor placement in radial distribution systems using modified ABC algorithm” in “International Journal on Electrical Engineering and Informatics” in the month of December 2015.
- Mr. N. Gnanasekaran, Associate Professor & HOD/EEE published a paper titled “Optimal placement of Capacitors in Radial Distribution System using Shark Smell Optimization Algorithm” in “Ain Shams Engineering Journal” in the month of March 2016.
- Mr. N. Gnanasekaran, Associate Professor & HOD/EEE published a paper titled “ A three stage method based on Kruskal’s algorithm to maximize loss saving in a radial distribution system” in “International Journal of Applied Engineering Research”.

Academic Year 2016-2017:

- Mr. N. Gnanasekaran, Associate Professor & HOD/EEE, published a paper titled “Reconfiguration and capacitor placement of Radial Distribution Systems by Modified Flower Pollination Algorithm” in the “Electric Power Components and Systems” Vol 44, no.13 pp. 1492-1502 in the month of July, 2016.
- Mrs. A. Jamna, Assistant Professor published a paper titled “AC-AC mobile utility power unit using Matrix Converter” in a “International Journal of a Advance Engineering & Technology, Vol 7, issue 2, pp 1056-1060” in the month of June 2016.
- Mrs. A. Jamna, Assistant Professor published a paper titled “Hybrid control strategy for matrix converter fed wind energy conversion systems” in a Journal “Circuits & Systems ; 2016, Vol 7 pp 3038-3053” in the month of August 2016.

- Dr. Nimain Charan Nayak, Associate Professor / EEE became Editorial Board Member & Reviewer for “ i-manager’s Journal on Power System Engineering” from the month of October 2016.
- Dr. Nimain Charan Nayak, Associate Professor / EEE has been a member of International Association of Engineers from the month of October 2016.
- Mr. M. Anandan, Associate Professor / EEE attended one day workshop on “ 5G- Digital Communication System” Conducted by ICTACT Pro-national Instrument on 14-10-2016.
- Ms. M. Sathya Lab Instructor/EEE, Ms. K. Vijaya Lab Instructor/EEE and Mr. V. Sivakumar Lab Assistant/EEE successfully passed the “Appreciation of digital Literacy” examination conducted by ICTACT under the scheme “National Digital Literacy Mission” of Department of Electronics & Information Technology, Ministry of Communication & Information Technology, Government of India during October 2016.
- Mrs. B. Seetha, Assistant Professor/EEE, Mr. M. Muralidharan, Assistant Professor/EEE and Mrs. K. Anitha, Assistant Professor/EEE participated in a Faculty Development Programme on “Robotics and Automation” from 16-11-16 to 18-11-16 organised by the Department of ECE, Misrimal Navajee Munoth Jain Engineering College.
- Ms. M. Sathya Lab Instructor/EEE attended a one day skill upgradation programme for non-teaching staff on “Big Data and Installation of Hadoop” Conducted by the Department of CSE, Misrimal Navajee Munoth Jain Engineering College on 10-11-2016.
- Mr. M. Muralidharan, Assistant Professor/EEE participated in a one day Workshop on “Hands on training in Illumination Software” conducted by the Department of EEE, Prathyusha Engineering College on 23-11-2016.
- Mrs. B. Seetha Assistant Professor/EEE, and Mr. M. Muralidharan Assistant Professor/EEE, underwent a Faculty Development Programme on “Instructional Design and Delivery System” conducted by NITTTTR, Chennai from 19-12-2016 to 24-12-2016 at Misrimal Navajee Munoth Jain Engineering College.
- Mr. M. Ajaykumar, Assistant Professor/EEE participated in a Seven day Faculty Development Training Programme on “Design of Electrical Machines” from 19-12-2016 to 26-12-2016 at Jerusalem College of Engineering.
- Mr. N. Gnanasekaran, Associate Professor & HOD/EEE delivered a lecture as resource person in a seven day Faculty Development Training Programme on “ Design of Electrical Machines” on 21-12-2016 at Jerusalem College of Engineering.
- Dr. Nimain Charan Nayak, Associate Professor/EEE delivered a lecture as resource person in a seven day Faculty Development Training Programme on “ Design of Electrical Machines” on 20-12-2016 at Jerusalem College of Engineering.
- Mr. N. Gnanasekaran Associate Professor & HOD/EEE, Dr. Pranati Katyal Professor/EEE , Mr. M. Anandan Associate Professor/EEE, Mr. S. Muthurajan Associate Professor/EEE, Mrs. N. Deepa Associate Professor/EEE, Mr. V. Gnanasekar Assistant

Professor/EEE and Mrs. A. Jamna Assistant Professor/EEE became life member of the Indian Society for Technical Education (ISTE) from December 2016.

- Dr. Nimain Charan Nayak, Associate Professor/ EEE, published a research article titled “A Multilevel PWM Inverter Employing Series-Connected Capacitor paralleled to a Single Voltage Source for Renewable Energy Systems” in “International Journal of Engineering Science & Computing” Vol 7, Issue no.1, Jan 2017.
- Mr. N. Gnanasekaran, Associate Professor & HOD/EEE has been awarded Ph.D. by Anna University, Chennai in the month of February 2017.
- Dr. N. Ganasekaran, Associate Professor & HOD/ EEE attended “ Student Branch Officers Meet” organized by IEEE Madras Section at Anna University Campus, Chennai on 05-02-2017.
- Dr. Nimain Charan Nayak, Associate Professor/EEE has submitted a proposal titled “ Investigation of Performance Characteristics of Four Switch Three Phase Inverter fed Permanent Magnet Brushless AC Drive Application for Electric Vehicles” under the Research Promotion Scheme of AICTE.
- Dr. Nimain Charan Nayak, Associate Professor/EEE has submitted a proposal titled “Permanent Magnet Synchronous Motor Drive Application for Electric Vehicles” under the Modernisation and Removal of Obsolescence Scheme of AICTE.
- Dr. Pranati Katyal, Professor/EEE has submitted a proposal for a two day workshop titled “Modelling and Simulation of Renewable Energy Systems using MATLAB” under the Seminar Grant scheme of AICTE.
- Dr. Pranati Katyal, Professor/EEE presented a paper titled “Hardware Implementation of Interleaved Boost Converter for Wind-Solar Hybrid System” in an International Conference on Emerging Trends in Science, Engineering & Technology at Jerusalem College of Engineering on 17-3-2017.
- Dr. Nimain Charan Nayak, Associate Professor/EEE was invited as a Doctoral Committee member to conduct the DC meeting at VEL’S University on 27-04-2017.
- Dr. N. Gnanasekaran, Associate Professor and HOD/EEE reviewed a paper for an International Journal on Recent Advances in Electrical and Electronics Engineering on 11-05-2017.
- Dr. Pranati Katyal, Professor/EEE published a paper titled “Hardware Implementation of Interleaved Boost Converter for Wind - Solar Hybrid System” in a journal “Advances in Natural and Applied Sciences” on 11-05-2017, pages 241:252.
- Mr. S. Muthurajan, Associate Professor/EEE attended a Faculty Development Programme on “Special Electrical Machines” from 13-06-2017 to 15-06-2017 at Rajalakshmi Institute of Technology.

- Mrs. N. Deepa, Associate Professor/EEE attended a two day workshop on “Embedded Systems using Raspberry Pi Board (IOT)” conducted by Jerusalem College of Engineering on 05-06-2017 and 06-06-2017.

Academic Year 2017-2018

- Dr.N.Gnanasekaran, Associate Professor & HOD/EEE reviewed a paper for International Journal of Electrical Power and Energy Systems (ELSEVIER).
- Dr. Nimain Charan Nayak, Associate Professor/EEE has been nominated as Doctoral Committee member of Anna University Research Scholar.
- Dr. Pranati Katyal, Professor /EEE mentored 50 girl students of various branches under the Smart Girl –Women Empowerment Programme on 16-08-2017 & 17-08-2017.
- Dr. Nimain Charan Nayak, Associate Professor/EEE attended a Workshop titled “Research Methodologies” at Sri Venkateswara college of Engineering on 19-08-2017.
- Mrs. A. Jamna, Assistant Professor /EEE has been awarded Ph.D. by Anna University, Chennai in the month of October 2017.
- Dr. Nimain Charan Nayak, Associate Professor/EEE has become member of Editorial Board of i-manager’s Journal on Power Systems Engineering for the period November 2017 –October 2018.
- Dr. A. Jamna, Assistant Professor/EEE participated in Two Days Faculty Development Program titled “Business Strategy Simulation” conducted by ICT Academy on 30-10-2017 & 31-10-2017 at Misrimal Navajee Munoth Jain Engineering College.
- Dr. A. Jamna, Assistant Professor/EEE, Ms. B. Seetha, Assistant Professor/EEE, Mr. M. Muralidharan, Assistant Professor/EEE, Ms. K. Anitha, Assistant Professor/EEE & Mr. M. Ajaykumar Assistant Professor/EEE attended Seven days Faculty Development Training Programme on “EE6401 Electrical Machines - I” at Misrimal Navajee Munoth Jain Engineering College from 20-11-2017 to 26-11-2017.
- Dr. N. Gnanasekaran, Associate Professor & HOD/EEE, Dr. Pranati Katyal, Professor/EEE, Dr. Nimain Charan Nayak, Associate Professor/EEE and Mr. S. Muthurajan, Associate Professor/EEE were the internal faculty resource persons for the Seven days Faculty Development Training Programme on “EE6401 Electrical Machines - I” at Misrimal Navajee Munoth Jain Engineering College from 20-11-2017 to 26-11-2017.
- Dr. N. Gnanasekaran, Associate Professor & HOD/EEE was invited as one of the resource persons for the seven days Faculty Development Training Programme on “EE8251 Circuit Theory” at Jerusalem College of Engineering on 01-12-2017.

Academic Year 2018-2019:

- Mr. M. Muralidharan, Assistant Professor/EEE has attended a Faculty Development Training Programme on “EE 6006 Applied Soft Computing” from 19.06.2018 to 25.06.2018 at College of Engineering Guindy, Anna University.
- Mr. M. Anandan, Associate Professor/EEE and Mr. M. Ajay kumar Assistant Professor/EEE has attended a Faculty Development Training Programme on “EE 6703 Special Electrical Machines” from 11.06.2018 to 19.06.2018 at Sri Muthukumaran Institute of Technology.
- Mr. M. Anandan, Associate Professor/EEE has attended a Faculty development Training Programme on “Signals and Systems” from 28.05.2018 to 03.06.2018 at Madras Institute of Technology.
- Mrs. N. Deepa, Associate Professor/EEE has attended a Faculty development Training Programme on “EE6504 Electrical Machines-II” from 04.06.2018 to 10.06.2018 at Jerusalem College of Engineering.
- Dr. A. Jamna. Assistant Professor/EEE has become reviewer to IET Power Electronics Journal from March 2018.
- Dr. N. Gnanasekaran, Professor/EEE delivered a lecture as resource person in a Faculty Development Training Programme on “EE6504 Electrical Machines-II” on 06.06.18 at Jerusalem College of Engineering.
- Dr. Nimain Charan Nayak, Associate Professor/EEE delivered a lecture as resource person in a Faculty Development Training Programme on “EE6502 Microprocessor and Microcontroller” on 08.06.2018 at Sri Venkateswara College of Engineering.
- Mr. S. Muthurajan, Associate Professor/EEE has attended a Faculty Development Programme on “Student Psychology” at NITTTR, Taramani from 11.06.2018 to 15.06.2018.
- Dr. N. Gnanasekaran, Professor & Head-EEE has been selected by State council for Educational Research & Training to write a 12th standard Text book for Vocational students.
- Dr. Pranati Katyaj, Professor /EEE, Dr. Nimain Charan Nayak, Associate Professor /EEE, Dr. A. Jamna, Assistant Professor /EEE & Mrs. B. Seetha, Assistant Professor /EEE had participated in a Faculty Development Program on “ Decision making skills” conducted by ICT Academy on 30.08.2018 & 31.08.2018.
- Dr. Nimain Charan Nayak, Associate Professor/EEE has been nominated as Reviewer for International Journal of Electrical Engineering Education(IJEEE) during the period of September 2018.
- Dr. Nimain Charan Nayak, Associate Professor/EEE reviewed two research papers for International Journal of Electrical Engineering Education on 21.09.2018.

- Dr. Nimain Charan Nayak, Associate Professor/EEE reviewed a research paper for “i-manager’s Journal on Power System Engineering” on 07.09.2018.
- Dr. Nimain Charan Nayak, Associate Professor/EEE reviewed a research paper for “i-manager’s Journal on Power System Engineering” on 21.11.2018.
- Dr. Nimain Charan Nayak, Associate Professor/EEE has become member of Editorial Board of i-manager’s Journal on Power Systems Engineering for the period November 2018 –October 2019.