

M.P.NACHIMUTHU M.JAGANATHAN ENGINEERING COLLEGE
CHENNIMALAI, ERODE
ANNUAL REPORT

This noble institution was started by our beloved Founder Udyog Rattan Thiru.J.Sudhanandhen sir with a vision of providing quality technical education to the rural and economically backward students. Our college provides a different environment of excellence in education with human values & social commitment.

We provide all the needed infrastructure facilities. Fee concessions are provided to the deserved students through JS Trust. Our beloved Correspondent Mam is rendering excellent educational service by providing free education and fee concession to the economically backward students. We have committed and dedicated Faculty Members who work as a family under the protection of our beloved Correspondent Mam. At present, our college offering 13 programmes which includes six UG courses and seven PG courses. We are committed to provide quality education through proper resource management. Our institution has been granted permanent affiliation in 2014.

The institution has a buildup area of 2,53,000 sq. ft., in widespread of 26 acres land, a well-equipped digital and central library, state of art computer centers, laboratories, Internet centers, principal quarters, playground, modern gym for men and women and maintaining the best learning ambiance in this Institution.

Our college has reached the promising level of ARIIA & Star Rating of Institution's Innovation Council by AICTE and MoE. Our college has received a Program participation certificate from Indian Institute of Remote Sensing. Our college has established 3 – D Printer lab & Robotics lab for innovation of core branches.

Faculty interaction with outside the world is encouraged. The registration fees, TA/DA for attending conference, NPTEL exams and various enlighten programmes are sponsored by the management and more than 25 faculty members were benefited.

To infuse the academic excellence among the students, M.P.Nachimuthu M.Jaganathan Educational Trust has created endowments to award prizes to the students for their outstanding performance in the University Examinations. Cash awards are given to the rank holders for their academic excellence.

The ICT Academy and MPNMJ gave academic partnership for the sustainable development of our institution, faculty and students. Our MPNMJ students and faculty take part in various activities. 14 students were participated in emerging technology of this ICT Academy.

215 Students received their degree from Anna University, Chennai and distributed their degree certificates during convocation.

The total building area of the library is 5027 sq. ft. The library is equipped with 32096 books with 14870 titles, 7300 e books and 70 printed journals. Internet facilities are provided to all computer laboratories with a bandwidth of 94 Mbps.

Various associations such as PEACE, CHIP, MYSAAC, ELECZY, MECHNOSPARK, INFESTO, ENTREX, and NEXTGEN of all departments are functioning vibrantly for the students' academic excellence. In order to create opportunities for the students to enhance their technical skills and to update their knowledge with the latest technological developments, National Level Technical Symposiums, National Conferences, Seminars, Workshops, Guest Lectures are being arranged periodically through these associations.

Our college has signed nearly 12 MoUs with various industries.

To mention some department activities, every year, Department of CSE, IT, EEE, ECE, CIVIL & MECHANICAL jointly organized “TRENTTECH” – National level Technical Symposium.

Department of Computer Science and Engineering

Prof.K.N.Sivakumar, Head of the Department and faculty members Mr.N.Ashok Kumar, Mr.S.Dineshkumar, Mrs.D.Suganthi, Mrs.A.Nooralshaba have attended Faculty Development Program on various topics. V.Kalaiselvi & P.Gomathi of final year CSE won second prize in District level Table Tennis. Department of CSE signed MoU with Arena Animation, Erode and Veranda Race, Erode.

Electronics and Communication Engineering

Prof. R.Mohan, Head of the department, and faculty members Mr.A.P.Gobenath, Mrs.R.Tamilselvi, Mr.A..Kameswaran & Mr.T.Maheswaran have attended Faculty Development Program on various topics at different colleges.

Dr.G.Ravikumar & Mrs.G.Brindha published a paper in various topics in International Journal of IEEE. Mrs.M.Anitha & Mrs.G.Brinda presented a paper in I-EEE International Conference. Mrs.G.Brindha registered patent in the area of Internet of Things. Mr.T.Maheswaran & Mr.A.P.Gobenath, published text books.

Mrs.M.Anitha, Mr.T.Maheswaran & Mrs.G.Brindha have completed their Ph.D course work & Mr.A.P.Gobenath has registered for his Ph.D and completed his first DC Meeting and also he has received Best Academician Award from National level Academic Research 2024 from Maa Shakubari Trust, Greater

Noida,Uttar Pradesh. T.Kiruthiga of III year student was selected as a Meritorious Student as one of the top 25 Performers in Tamilnadu for SCOUT Program. She is going to study one week AI & ML course at DURHAM UNIVERSITY in United Kingdom sponsored by Tamilnadu Skill Development Corporation, Naan Mudhalvan & British Council. S J.Nithya Sree ,M.Yuvaraj, B.Akash have successfully completed their Internship and got their job. Nearly 15 students from final year have successfully completed their Internship. Nearly 20 students from III year have completed their internship.

Department of IT

Mrs.A.Sujitha, Head of the department, published a patent on“ Artificial Intelligence based electricity consumption monitoring device” and published a paper on detecting fake news in social media network in IJASER Journal.

Faculty members of IT, Mrs.J.Jenshya, Mrs.T.Mythilipriya, Mrs.L.Priyanga were attended faculty development program on various topics at different colleges.

Department of IT had organized Internal Hackathan on Sep 26 & 27 2023 M.Sedhumadhavan of second year IT has secured 1st prize in the event “Code Debugging” in National level Technical Symposium conducted by KSRIET & he has secured 2nd prize in mimicry in N.L.T Symposium & Grand cultural fest conducted by Surya engineering college M.Ashwin & H.Rajasekar of third year IT won first prize in the event ‘Web Weaver’ at Technical Symposium in Kongu Engineering college. K.Malini of third year IT got runner in the event ‘Learnathon’ conducted by Naan Mudhalvan in Anna University.

Department of Mechanical Engineering

Dr.K.P Vetrivel ,Head of the Dept, published a paper entitled , “An optimization and predictive modeling to Enhance the wear Mechanical Performance of AI5054 alloy for defence applications with TiO₂ Nano particles” by “ Journal of the Balkan Tribiological Association”.

Dept of Mechanical Engineering conducted one day Workshops on Entrepreneurship opportunities in Design Software for Mechanical Engineers.

Mr.D.Shanmugasundaram ,Mr.V.Rajeshkumar ,Mr.T.Arun,Mr.K.Selvaraj have attended faculty Development program in various colleges .

Mr.Karthikeyan ,Mr.T.Arun & Mr.T.Senthilkumar have attended Naan Mudhalvan Faculty training program Mechanical Department faculty members have registered for NPTEL Swayam Course on various topics .

Many students from third year & second year have attended DRDO Sponsored National level seminar at KSRIET Thiruchengode & CSIR Sponsored National Level Seminar at Shree Venkateshwara Hi-Tech Engineering College, Gobi.

Department of Civil Engineering

Concrete Day & Engineers Day was celebrated on 15th September 2023. Dr.R.Kavitha , Head of the department & faculty members Mrs.G .Sivamani , Mrs.M.Kaleeswari & Ms.V.P.Tharini have attended webinars and faculty development program on various topics at different colleges . Civil department has organized workshop & guest lecture program on various topics. II year students P.Elango , L.Kaviyarasu , S.Gajeshwaran & V.Tamilselvan and S.Udhayasankar of 3rd year & M.E.Suriya , S.C.Dhivakar , P.Prakash of Final year students have

presented a papers on various topics at Vellalar college of Engineering & Technology . 2nd year students have presented papers on various topics at Sasurie college of engineering, Surya engineering college & participated in seminar at Excel engineering college.

Electrical and Electronics Engineering

Dr.D.Sabapathi , Head of the department , published two papers in IEEE explore.He has completed and secured 81% in NPTEL exam . Dr.P.Tamilvani, published a paper in International conference and published book in Infinity Publication on various topics. Mr.P.Manikandan has completed his Ph.D course work examination.

A.Nivetharasi & M.Saranya of final year EEE presented a paper in National Level Technical Symposium & won second prize at Government college of engineering, erode.

M.Sowmiya & G.Sowndharya of 2nd year EEE presented a paper in National Level Technical Symposium & won first prize at Sasurie College of engineering. 2nd, 3rd & final year EEE students have attended Seminar, Carrier development program & Internship training.

Department of SCIENCE& HUMANITIES,

Prof..P.Joseph, Head of the Department, has attended Webinar on Innovative Teaching Methodology and he has organized many Motivational Programs for I year students.Mrs..R.Gayathri & Ms.K.Kaviya have attended Naan Mudhalvan Training Program at Dhirajlal Gandhi College of Technology, Salem. Dr.S.Venkatachalapathi has published a book chapter on “Global Biofuel” with ISBN number. Dr.S.Venkatachalapathi, Mr.D.Govindasamy & Dr.

K.Singaravelan have registered their NPTEL Online Certificate Course. Maths department faculty members Mrs.M.Sumathi, Mr.D.Govindasamy, Mrs.M.Bharathi & Mrs.E.Leelavathi have attended faculty Development Program organized by PSGR Krishnammal College for Women, Coimbatore.

Mrs.M.Sumathi , Associate Professor of Maths, & Ms. M.Sibitha, Assistant Professor of Tamil have registered for their Ph.D. 4 students from I year CSE & 9 students from ECE have presented their paper in Sasurie College of Engineering. 4 students from ECE have presented their paper at Surya Engineering College.

Department of MBA

Dr.V.Ravikumar head of the department, Mr.S.Vidyasagar, Mr.K.Pravin, Mr.C.Karthick, Mrs.N.Seetha have attended National level webinar, workshop, Faculty development program and National conference on various topics at various colleges. MBA department faculty members organized an Inter Collegiate Meet on Feb 28th 2024.Dr.T.Sivakumar, Principal of RVS college of Arts & Science, Coimbatore, was the chief guest. 250 students were participated from various colleges. S.Sathiya of I year MBA presented a paper in National Level Technical symposium & won second prize at Senguthar Engineering College.

Department of MCA

Mr.D.Viswanathan, Head of the Department has published a paper in International Journal “IJISE”. He is the Program Officer of National Service Scheme and he organizes a Special Camp every year. More than 100 students are participating in that special camp every year. MCA department faculty members organized an Inter Collegiate Meet on Feb 28th 2024.

Our faculty members as well as students have presented papers in various National and International Conferences and have won many prizes. During this academic year about 90 students have participated and won prizes in various academic activities conducted by different colleges in and around Tamilnadu. Our faculty members have published various papers in both International and National Journals. Our students have exhibited many new and innovative projects in various other reputed Engineering colleges across the country and won several prizes and have brought laurels to our institution. Besides these associations, various Clubs and Cells like Fine Arts Club, Rotaract , Red Ribbon Club, Youth Red Cross Club, Blood Donors Club, Energy Club, Entrepreneur Development Cell, Women Development Cell and ISTE, IEEE, IETE, IIPE, CSI, ICI Students' Chapters have been functioning successfully to encourage the students to take active participation in various cocurricular and extracurricular activities. Through this they acquire team spirit, coordination, self -confidence & leadership qualities, etc.

ECE department has purchased for Rs.1, 50,000/- to Lab Equipment. (Lot & Embedded lab). CSE department has purchased 35 Systems with latest configuration of 16 GB RAM, 1 TB, hard disk worth Rs.14 lakhs to Data Analytics Lab. We purchased ERP Software for our institution with worth Rs.1.3 Lakhs / year. We established a JIO Broadband internet based line with 30 Mbps bandwidth in addition with existing Airtel network bandwidth of 60 Mbps.

To enable placement as an ongoing process, a vibrant Training and Placement Cell is functioning in our college and various placement activities and on campus drives are being conducted for the better placements.

The excellent academic records of our students do not end with the results. They get translated into fruitful career in several corporates. About 122 offer letters were issued to our students by various reputed companies like DOTSITO TECHNOLOGIES, TITAN, TETRA RAYS, KAY JAY FORGINGS, YAMAHA MOTORS , YAMAHA INDIA, YAMAHA ELECTRONICS, APPAR INNOSIS, CRYPTON TECHNOLOGIOES, JUST CONNECT PVT. LTD. etc. through various on and off campus drives conducted in the year 2023-2024.

Sports Day was conducted on 22.03.2024 and Thiru.R.Sathishkumar , District Sports and Youth Welfare Officer, Sports Development Authority of Tamilnadu , was the Chief Guest. 180 Gold medals, 180 Silver medals & 40 Bronze medalas, totally 400Medals and Certificates were won by our students of various departments. Overall championship won by GREEN HOUSE with 209 points.