



ACADEMIC REPORT 2021 - 2022

I feel really honoured to present the annual report of our college for the academic year 2022. First and foremost I would like that god Almighty for all blessings showered upon us. Nehru College of Engineering & Research Centre was established in the year 2002 by our founder chairman late Shri. P.K Das with an objective to inculcate the ageless message of faith, self-discipline and dedication. Our college believes and respects all cultures of all religions and communities and promote understanding and appreciation of their valuable heritage, culture and values.

NCERC is well known for its dedicated and committed service to the realm of technical education in Kerala. It is an ISO 9001:2015 certified institution, approved by All India Council for Technical Education (AICTE) affiliated to APJ Abdul kalam Technological University. It has been reaccredited with 'A' Grade, the first engineering college in Kerala to be awarded 'A' with 3.18 grade point average out of 4 by National Assessment and Accreditation Council (NAAC). Two B.Tech programs, Computer Science & Engineering and Mechatronics engineering got accredited by National Board of Accreditation (NBA)

The college is proud of its excellent infrastructure and location. The labs were modernized and well equipped. The transportation system was made more efficient. Most of the classrooms are furnished with interactive boards and the rest with LCD projectors. College has a yoga training center, a modern gymnasium and full time counselor for personal counseling and training. Hundreds of computers with networking facilities and Wi-Fi connectivity are freely being utilized by our students.

The institution offers 5 UG programs in Computer Science and Engineering Computer Science and Engineering (Artificial Intelligence & Machine Learning), Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Mechatronics Engineering and 6 PG programs in VLSI, Energy Systems, Computer Science and Engineering, Cyber Security, MBA and MCA. We have a dedicated team of staff members with doctorate and post-graduation in various branches of engineering. The



departments are headed by highly qualified and experienced faculty. Well trained faculty members guide the students and help them to develop innovative projects. Many of our students were selected in New-Gen IEDC under MSME. Seven student groups completed their prototype and matured for establishing start-ups. Around 14 staff members from various departments are pursuing Ph.D. 3 Faculty members completed Ph.D in the 2021-22.

The Principal received the Leading Educationalist of India Award, International Intellectual Achievement Award, Best Indian Golden Personalities Award and Best Principal Award by Friendship Forum and the Best Principal Award by Global Society for Health and Educational Growth.

Dr. Sobha Manakkal, Professor & HOD, Department of Electrical & Electronics Engineering was awarded with IEEE PES Chapter, Outstanding Engineer Award. Dr Sudheer S Marar, Professor & HOD, MCA won UDAAN Engineering Award for Innovation & Research Development and Institutional Distinguished Service Award. Dr. Deepa A and Dr. Vinitha K R, Associate Professors, MCA won Institutional Research Excellence Award.

Around 200 papers were published by our staff members in different national and international journals. It is also remarkable that more than 25 webinars were attended and 25 were organized by various departments. Around 10 FDPs sponsored by AICTE, ISTE, KTU and NAAC were organized to enable the teachers to guide, motivate and counsel the students and to enhance and develop requisite skills in teachers. Around 10 MOUs were signed with well-known companies and organizations. 17 patents are generated. NCERC has got a very strong and active Innovation and Entrepreneurship Development Cell (IEDC). College is having 19 funded projects of 30 lakhs. AICTE sanctioned MODROB of Rs.13 lakhs in the department of Mechanical Engineering. Many of the mechatronics students became entrepreneurs through Kerala start up mission. The college also has an Institute Innovation Cell (IIC) under MHRD.

The college continues its saga of academic success with more than 90 university ranks till date. In the UG Programmes of B.Tech, our college secured an average



pass percentage of 75%. Pass percentage of MBA was 93.33 and of MCA was 88%. Result of M.Tech in all branches was 100

International conferences, National Conferences, workshops, technical expositions, cultural festivals- AARAV, BLOOM etc. and various other co-curricular and extracurricular activities were conducted. Students participated and presented papers in national level technical seminars, conferences and symposium organized by various colleges.

The college library is fully automated and has 51, 776 volumes, 22,000s of titles, 219 national and 177 international journals.

The NSS and NCC units undertook a number of social activities in order to inculcate the spirit of service and social awareness. NSS unit 209 conducted several community programmes like clean village project, green village project, donated mobile phones to the students of Government school, Pampady. NSS Unit started "Oru neram" food for needy people. A zone based anti-drug awareness video was released. NSS and NCC units jointly donated blood. 74 units of blood were donated in a single day which was appreciated by Indian Red Cross Society and Kerala State Aids Control Society. Kerala Excise department appreciated the NSS and NCC Unit for the contribution to Vimukthi Awareness Mission by conducting various activities and helping the Excise Department. Thiruvilwamala Grama Panchayath appreciated our NSS volunteers for successfully completing Waste Management Survey and Skill registry app registration. The NCC cadets secured 100% result in B and C Certificate Examination and pass percentage 100%.


Our college has done remarkably well in campus placements as over 272 students got placed in various well-known companies like Infosys, TCS, WIPRO, ROBERT BOSCH, IBS, ACCENTURE, RAMCO SYSTEMS etc. during the academic year 2021-22. The placement cell also provided regular aptitude training and soft skill training to the students. In recognition of excellent placement activities during the academic year 2021-22, Integrated Chamber of Commerce and Industry awarded NCERC the Best Engineering College in South India for placement- 2021-22.



I am indeed delighted to present this report as NCERC has done exceptionally well in all areas of academics, curricular and extra-curricular activities during the last two years. It is a matter of immense pride that NCERC is still marching ahead fearlessly and enthusiastically to impart high quality technical education in the field of professional and higher education.

Thank you.....




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