



NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

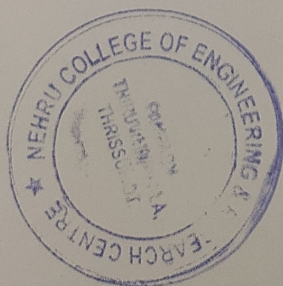
(NAAC Accredited & ISO 9001:2015 Certified Institution)



(Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University, Kerala)



ANNUAL REPORT 2020-21



PRINCIPAL
Nehru College of
Engineering and Research Centre
Pampady, Thiruvilwamala, Thrissur Dt.
Pin - 680 507, Kerala



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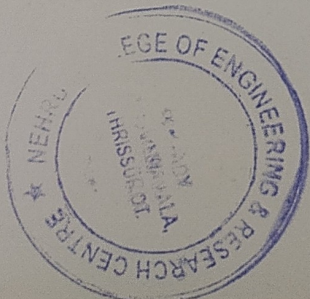


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Nehru College of Engineering and Research Centre (NCERC), one of the premier and vibrant Technical Institutions in Kerala, was started in the year 2002 under Nehru Group of Institutions (NGI) which was established in 1968 by Late Shri P. K. Das. There are 25 Institutions under NGI offering multiple courses from various areas including Aeronautics, Engineering, Management, MBBS, Pharmacy, IT, Nursing, Arts and Science and International School. NCERC is an ISO 9001:2015 certified institution affiliated to A P J Abdul Kalam Technological University and approved by All India Council for Technical Education (AICTE). It is also accredited by NAAC with 'A' grade. It offers 5 undergraduate and 6 Postgraduate programmes in Engineering, Computer Applications and Management. To make the students professionally worthy, the college has Institutional membership of professional societies such as IEEE, ISTE, CSI, IE (INDIA), ISTD, AIMA, SEEM etc. to strengthen the values of the Institute and its Students.

College campus is located on the northern slopes of Thiruvilwamala, which merges with the banks of the holy river Nila. This undulating terrain of 25 acres with lush green vegetation is continuously swept and hugged by the gentle northern breeze that brings the purity, serenity and sweetness of the river Nila. This picturesque location shall linger nostalgically in the minds of anybody visiting this beautiful area. Endowed with an enchanting and breath-taking topography, lush green natural vegetation, virgin land, pollution free atmosphere, moderate temperature, plentiful of nectar like fresh water and salubrious climate, this is a sought after place for healthy life, clear thinking and pleasant learning pursuits.

Our college believes and respects all cultures of all religions and communities and promote understanding and appreciation of their valuable heritage, culture and values. It is well known for its dedicated and committed service to the realm of technical education in Kerala.



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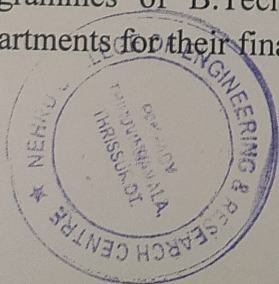
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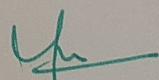
The college is proud of its excellent infrastructure which was renovated recently to give an elegant look. The labs are modernized and well equipped. Free Wi-Fi connectivity is provided to the students. The transportation system is made more efficient. Most of the classrooms are furnished with interactive boards and the rest with LCD projectors.

The institution offers 5 UG programs in Mechanical Engineering, Mechatronics Engineering, Electronics and Communication Engineering, Computer Science and Engineering, Electrical and Electronics Engineering and PG programs in VLSI, Energy Systems, Computer Science and Engineering, Cyber Security, MBA and MCA. We have a dedicated team of faculty 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. Around ten faculty members from various departments are pursuing Ph.D. Two Faculty members from MCA Department were awarded PhD in the academic year 2020-21. Prof.G.Rajkumar, EEE Dept. won KalpaAcharya award from Bharat Education Excellence Awards and also he won another award Yuva Mentor as Change Maker Award from K.I.T.E.S Awards.

Around 290 papers were published by our faculty member in different national and international journals. It is also remarkable that more than 50 webinars were attended and 25 were organized by various departments on diverse topics during Covid-19 pandemic Situation. Around 10 FDPs were organized to enable the teachers to guide, motivate and counsel the students and to enhance and develop requisite skills in teachers. More than 10 patents were published and a few patents are granted.

The college continues its saga of academic success with more than 90 university ranks till date and outstanding results every year. MuhammedAnas Ali of Mechatronics Department secured first rank in the university for 2017-21 batch. From 2016-20 Batch, secured 2nd and 3rd Rank in Mechatronics Engineering Department and 10th Rank in CSE Department. Institution has achieved 5th position among three nearby districts of Palakkad, Malappuram and Thrissur for the University Results for the batch 2017-21. For the UG Programmes of B.Tech, our college secured an average of 92% for all departments for their final semesters.



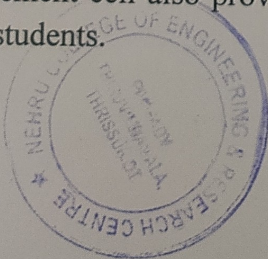

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Pass percentage of MBA was 93.57% and of MCA was 92%. Result of M.Tech in all branches was 100%.

International seminars, lectures, workshops, technical exhibitions like NSITE, cultural festivals like BLOOM, 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. We also conducted online Arts Fest E-Utsav and online Project Expo Novelty 2021. We have released college Magazine 'Mushroom' and News Letter in academic year 2020-21. Institution has conducted International Conference ICETSSI 2021 with more 230 participants from national and international level. MBA Department is annually conducting KARMA, the national level Management Fest. They have conducted many programs like HR Conclave 2020, TMAHykon, All India Business Plan Contest 2021, National Conference in Association with NIZAW University, Oman etc.. and MCA Department conducted Prayaana, the intercollegiate meet and they have released Pizada Technology Magazine the 13th Edition and NectaR International e-Conference ver2 in 2020-21.

The college library is fully automated and has 1000+ titles, national and international journals. College has a yoga training center, a modern gymnasium and full time counsellor for personal counselling and training. Hundreds of computers with networking facilities and Wi-Fi connectivity are freely being utilized by our students. Community Development Cell-CDC of the institution initiated various social projects like 'Home for Homeless' which provides houses for the poor and the homeless people in the society and Snehanidhi Pension Scheme by our Trust. NSS and NCC units undertook a number of social activities in order to inculcate the spirit of service and social awareness. Our NSS Unit (No.209) conducted around 13 programmes in this academic year 2020-21. NCC unit has conducted 8 programmes like international Yoga day, Sapling Plantation, Poster Presentation, Unity Run etc.

Our college has done remarkably well in campus placements as over 122 students got offer letters from various premiere companies like Infosys, TCS, CTS, WIPRO, BOSH, Accenture, Byju's App and Poornam Computers. The placement cell also provided regular aptitude training and soft skill training to the students.



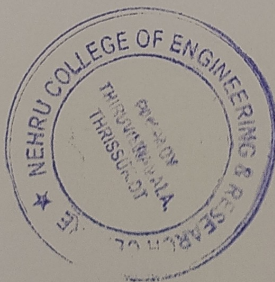
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The college has done exceptionally well in sports and games. Mohammed Favas M won Gold Medal in National South West kick boxing championship 2020 held at Maharashtra.

Around 25 MOUs were signed with well-known companies and organizations. NCERC has got a very strong and active Innovation and Entrepreneurship Development Cell (IEDC). Our student Ujjwal K Menon and team won the prestigious National Award Sree Chatra Viswakarma Award. Many of our students were selected in New-Gen IEDC under MSME. Five student groups completed their prototype and matured for establishing start-ups. College is having 17 funded projects of 25 lakhs and also received 4 lakhs for conducting ISTE Refresher courses. Many of the Mechatronics students became entrepreneurs through Kerala Start up Mission. The college also has an Institute Innovation Cell-IIC under MHRD.

The institution is supported with various academic and administrative committees involving faculty members, students, stake holders, industrialists and management representatives.

It is a matter of immense pride that NCERC is still marching ahead enthusiastically to impart high quality technical education in the field of professional and higher education.



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