



INDIAN INSTITUTE
OF TECHNOLOGY
PALAKKAD

CONVOCATION 2021

25TH SEPTEMBER





Nilgiri Campus - IIT PALAKKAD





IIT PALAKKAD

Indian Institute of Technology Palakkad

भारतीय प्रौद्योगिकी संस्थान पालक्काड

Nurturing Minds For a Better World

Under Ministry of Education, Government of India

शिक्षा मंत्रालय के अधीन, भारत सरकार



CONVOCATION 2021
GRADUATION BROCHURE



Contents

	Convocation Programme 1
	About IIT Palakkad 2
	Key Personnel 4
	Director's Report 9
	Institute Medals & Awards 24
	Graduands List 26
	Convocation Pledge 41



Convocation Programme



- ◆ **Chairman, BoG declares the Convocation open**
- ◆ **Report by the Director**
- ◆ **Address by the Chairman, BoG**
- ◆ **Convocation Address by the Chief Guest**
- ◆ **Award of degrees by the Director**
- ◆ **Award of medals by the Chief Guest**
- ◆ **Pledge by the degree recipients**
- ◆ **Chairman, BoG declares the Convocation closed**
- ◆ **National Anthem**

About IIT Palakkad



The Indian Institute of Technology Palakkad began its journey in 2015 with 120 students on temporary premises situated inside Ahalia Integrated Campus, Kozhippara. Since early 2019, we have been operating out of two campuses, Ahalia campus and the transit campus, Nila, which is part of the permanent (main) campus site. The phase 1 construction of the main campus which will house 1200 students is currently in progress. Close to the Kochi-Coimbatore highway in Palakkad district which is also known as the granary of Kerala, the 500-acre campus is situated in a picturesque village surrounded by the Western Ghats .

At present, IIT Palakkad offers four B.Tech programmes, six M.Tech programmes, three M.Sc programmes and research programmes in ten streams and is home to almost 1000 students. Our motto “Nurturing Minds For a Better World”, represents our commitment to unleash the potential of young minds to create and offer the innovative solutions the world needs. The thrust research areas of the Institute engage with topics of great significance to the local ecosystem, which include but are not limited to Agricultural Engineering and Food Science, Water Resources and Hydrology,



Geotechnical Engineering, Ecology and Sustainability, and, Health and Biomedical Sciences & Engineering. The Institute established its own business incubator in 2020 - Technology Innovation Foundation of IIT Palakkad (TECHIN) to nurture startups in the region. IIT Palakkad was also selected by the Department of Science and Technology as one of the 25 institutions to host a Technology Innovation Hub which will act as a driver to enable technology growth in India.

Like other educational institutions around the world, teaching and learning at IIT Palakkad went online last year, in the face of the Covid-19 pandemic. A Centre for Education Technology was also formed as an amalgamation of the already existing Centres for

Continuing Education (CCE) and Computing Facilities and Education Technology (CFET) to further support the Institute's transition to virtual education. The rigour, dedication and enthusiasm of our excellent faculty and students combined with our state-of-the-art teaching and research facilities continue to ensure that the Institute is prepared to face challenges, both inevitable and unprecedented. As we prepare to host a joint graduation ceremony for our second and third batches of B.Tech students, first batch of postgraduate students and first doctoral graduand, we salute our students' endurance and their determination to stay afoot on the learning curve in spite of the prevailing uncertainties and to emerge as strong citizens who will shape the future of both India and the world.



Key Personnel



Director

Prof. P. B. Sunil Kumar, IIT Palakkad

Board of Governors (2019-2020)

Chairman	
Shri. Amit Khare	Secretary (Higher Education), Ministry of Human Resource Development (MHRD)
Members	
Prof. P. B. Sunil Kumar	Director, IIT Palakkad
Shri. Rakesh Ranjan	Additional Secretary (TE), Ministry of Human Resource Development (MHRD)
Dr. Usha Titus	Secretary, Department of Higher Education, Government of Kerala
Shri. Shiv Kumar	Secretary, Department of Education, Union Territory of Lakshadweep Administration
Prof. L. S. Ganesh	Professor, IIT Madras
Dr. Subbiah Shanmugam	Professor, Kilpauk Medical College, Chennai
Shri. Raghu Verabelli	Managing Partner, CGK Technologies, Hyderabad
Prof. K. L. Sebastian	Professor, IIT Palakkad
Prof. Pramod S. Mehta	Professor, IIT Palakkad
Col. S. Chakraborty (Retd.)	Registrar, IIT Palakkad

Board of Governors (2020-2021)

Chairman	
Shri. Ramesh Venkateswaran	Adjunct Faculty, IIM Bangalore and IIM Udaipur
Members	
Prof. P. B. Sunil Kumar	Director, IIT Palakkad
Shri. Rakesh Ranjan	Additional Secretary (TE), Ministry of Education (MoE)
Dr. V. Venu	Additional Chief Secretary, Department of Higher Education, Government of Kerala
Shri. Amit Satija	Secretary, Department of Education, Union Territory of Lakshadweep Administration
Prof. L. S. Ganesh	Professor, IIT Madras
Dr. Subbiah Shanmugam	Professor, Kilpauk Medical College, Chennai
Shri. Raghu Verabelli	Managing Partner, CGK Technologies, Hyderabad
Prof. S. H. Kulkarni	Professor, IIT Palakkad
Dr. Piyush P. Kurur	Associate Professor, IIT Palakkad
Col. S. Chakraborty (Retd.)	Registrar, IIT Palakkad

Senate of IIT Palakkad (2019-2020)

Chairman	
Prof. P. B. Sunil Kumar	Director, IIT Palakkad
Members	
Prof. Pramod S. Mehta	Mechanical Engineering, IIT Palakkad
Prof. K. L. Sebastian	Chemistry, IIT Palakkad
Prof. S. H. Kulkarni	Mathematics, IIT Palakkad
Prof. Tom V. Mathew	Civil Engineering, IIT Palakkad
Prof. Vinod A. Prasad	Electrical Engineering, IIT Palakkad
Prof. Suresh Govindarajan	Physics, IIT Madras
Prof. Harishankar Ramachandran	Electrical Engineering, IIT Madras
Prof. M. Suresh Babu	Humanities and Social Sciences, IIT Madras
Dr. Deepak Rajendraprasad	Associate Dean Academics UG, IIT Palakkad
Dr. Sudheesh T. K.	Civil Engineering, IIT Palakkad
Dr. Piyush P. Kurur	Computer Science and Engineering, IIT Palakkad
Dr. Swaroop Sahoo	Electrical Engineering, IIT Palakkad
Dr. Dupadu Chakradhar	Mechanical Engineering, IIT Palakkad
Dr. Dinesh Jagadeesan	Chemistry, IIT Palakkad
Dr. Uma Divakaran	Physics, IIT Palakkad
Dr. Lakshmi Sankar	Mathematics, IIT Palakkad
Dr. Anoop George	Humanities and Social Sciences, IIT Palakkad
Secretary	
Col. S. Chakraborty (Retd.)	Registrar, IIT Palakkad
Special Invitees	
Ms. Teena Roy	Academic Affairs Secretary
Mr. Mohammed Yaseen	Students' General Secretary
Ms. Aiswarya Pradeepkumar	Post Graduate Affairs Secretary
Invitees	
Prof. K. P. Sudheer	Civil Engineering, IIT Madras, Executive Vice Chairman, KSCSTE
Prof. Krishna Sivalingam	Computer Science and Engineering, IIT Madras
Prof. Job Kurian	Mechanical Engineering, IIT Palakkad

Senate of IIT Palakkad (2020-2021)

Chairman	
Prof. P. B. Sunil Kumar	Director, IIT Palakkad
Members	
Prof. S. H. Kulkarni	Mathematics, IIT Palakkad
Prof. Jagadeesh Bayry	Biological Sciences and Engineering, IIT Palakkad
Prof. Srilata K.	Humanities and Social Sciences, IIT Madras
Prof. Subramaniam Ramakrishnan	Chemistry, IISc Bangalore
Prof. Srikanth Vedantam	Engineering Design, IIT Madras
Dr. Sovan Lal Das	Dean Academics, IIT Palakkad
Dr. Santhakumar Mohan	Dean ICSR, IIT Palakkad
Dr. T. N. C. Anand	Dean Student Affairs, IIT Palakkad
Dr. Ganesh Natarajan	Dean Administration, IIT Palakkad
Dr. Sudheesh T. K.	Civil Engineering, IIT Palakkad
Dr. Piyush P. Kurur	Computer Science and Engineering, IIT Palakkad
Dr. Revathy Padmanabhan	Electrical Engineering, IIT Palakkad
Dr. Dupadu Chakradhar	Mechanical Engineering, IIT Palakkad
Dr. Dinesh Jagadeesan	Chemistry, IIT Palakkad
Dr. Jayakumar Balakrishnan	Physics, IIT Palakkad
Dr. C. R. Jayanarayanan	Mathematics, IIT Palakkad
Dr. Reenu Punnoose	Humanities and Social Sciences, IIT Palakkad
Secretary	
Col. S. Chakraborty (Retd.)	Registrar, IIT Palakkad
Special Invitees	
Ms. Sneha Laxmi Jayan	Academic Affairs Secretary
Mr. Shrujan Kanabar	Students' General Secretary
Mr. Maninder Singh	Post Graduate Affairs Secretary
Mr. Rajendran K.	Research Affairs Secretary
Invitees	
Dr. Deepak Rajendraprasad	Associate Dean Academics UG, IIT Palakkad
Dr. Uma Divakaran	Associate Dean Academics PG, IIT Palakkad







Director's Report



At a time when humankind is facing one of its biggest challenges yet, occasions like convocations serve to be more reflective than celebratory. It simultaneously signals a culmination as well as a new beginning, an opportunity to take pride in the rewards of perseverance as well as to partake, with hope, in the anticipation of what the future holds. Two years since our first convocation and in the sixth year since our inception, a period of metamorphosis is well underway at IIT Palakkad. The Institute's aim to emerge as a prominent centre of multidisciplinary inquiry is reflected in its strong culture of collaborating with other institutions and industry, particularly those in the same region. Embodied in the Institute's motto "Nurturing Minds For a Better World" is the recognition that real change occurs when knowledge building is a collaborative process and growth is a collective enterprise. The report presents a summary of the milestones achieved and events held at the Institute and our continued, active engagement with academic, research and social activities.

At the outset, on behalf of the Institute, I would like to welcome the Chairman, Board of Governors, Shri. Ramesh Venkateswaran, Adjunct Faculty, IIM Bangalore and IIM Udaipur. We would also like to thank our former Chairs of the Board of Governors, Shri. R. Subrahmanyam, Secretary, HE, MHRD, New Delhi, and Shri. Amit Khare, Secretary, HE, MoE, for their valuable contributions.

When IIT Palakkad began in 2015, it did so with bachelors programmes (B.Tech) in four core Engineering disciplines, and in this respect we followed a tried and tested format where the undergraduate engineering programme has always been the strong foundation of any IIT. Research programmes in Engineering, the Sciences, and the Humanities, leading up to the award of MS (by Research) and PhD degrees, commenced soon after. After our first batch graduated in 2019, we began M.Tech programmes in Geotechnical Engineering and Manufacturing and Materials Engineering and M.Sc programmes in Physics and Chemistry. In the following year, we started an M.Sc programme in Mathematics, an M.Tech programme in Power Electronics and Power Systems and three interdisciplinary M.Tech programmes in Computing and Mathematics, System-on-Chip Design and Data Science.

In 2020, in addition to the 106 B.Tech students, 5 MS students will also be conferred their degrees. Likewise, in the 2021 batch there are 117 B.Tech and 5 MS/PhD awardees, besides 31 M.Sc and 29 M.Tech awardees. This year, the Institute has achieved yet another significant milestone by graduating its first PhD student, Mr. Abhilash P. M., who worked on the 'Development of a Condition Monitoring and Process Control System for Wire Electric Discharge Machining', under the guidance of Dr. Dupadu Chakradhar in the discipline of Mechanical Engineering.

Onboarding excellent human resources to support the expansion and diversification in programmes offered, has been a key focus at IIT Palakkad. In the academic years 2019-20 and 2020-21, 24 new faculty joined the institute. World class infrastructure and top notch research facilities are facets that we are committed to developing. Today IIT Palakkad has state of the art centres, workshops and laboratories for Research and Development in areas like data science, computational imaging, high performance computing,

micro-nano fabrication, materials and manufacturing, and instrumentation. The Chandra High Performance Computing Cluster, operational since 2017, the Central Instrumentation Facility (CIF), the Central Facility for Materials and Manufacturing Engineering (CFMM) and the Central Micro Fabrication Facility (CMFF) all deserve special mention in this regard. In July 2019, CIF purchased a Confocal laser scanning microscope which is capable of imaging biological cells and tissues. This also includes accessories to carry out imaging during biophysical experiments. In addition to that, CIF has also placed an order for a PCB prototyping machine which is useful to fabricate printed circuit boards with high accuracy, speed and ease without using any chemicals. CIF has also started a Materials Synthesis and Processing Unit under which a ball mill, high temperature furnaces and arc melting furnaces have been installed. The CFMM has placed orders for the purchase of an Ultra Precision Lathe (Mikrotools, UPL 400), CNC Hybrid Micromachining Center (Mikrotools, DT-110i), Tribometer (Rtec, MFT 5000), and Modular Production and Virtual Reality Systems. In addition to the existing facility, the centre has also added some simulation software such as Abaqus, Ansys Fluent, Solidworks, Ansys Additive, Simufact Additive and Digimat. With the support of the facility, the CFMM has received a consultancy project from EOS GmbH India. The Centre for Research and Education in Data Science was established in February, 2020 and the first batch of MTech Data Science students were admitted in August 2020.

IIT Palakkad is committed to distance education and continuing education and has established a Centre for Education Technology for the purpose. The centre has been active in developing a Learning Management System using open source tools and has recently added a state-of-the-art studio classroom to its infrastructure. This studio features multi-camera recording of chalk-and-talk regular classes and lightboard recording. It also houses facilities for Chroma-keying, live-streaming and web-based video conferencing and editing. In addition to teaching, the Institute's major online events are

also hosted from the studio. The Central Library of the Institute has a carefully curated collection of books, journals, magazines and newspapers. From just 700 printed books in August 2015, it has witnessed almost 9 fold growth to now having over 6000+ printed and digital resources.

The development of the basic infrastructure of the Institute is also being further strengthened with the construction of the main campus in progress since March 2020. The contract for the construction of the permanent campus under Phase 1A was awarded to M/s. Shapoorji Pallonji and Company Pvt Ltd., Chennai for a value of Rs. 597.06 Crore on 28 February 2020. As much as 504.54 acres of land have been earmarked for the permanent campus of IIT Palakkad. The total built-up area is around 1,13,000 sqm. Phase 1A is expected to be completed by the end of 2022. The Hon. Shiksha Mantri, Shri. Ramesh Pokhriyal, laid the foundation stone for the permanent campus via video conferencing on 23 October 2020. At the same event, the transit campus, Nila, was officially inaugurated by the Hon. Chief Minister of Kerala, Shri. Pinarayi Vijayan. In July 2021, a tree plantation drive was organised on our permanent campus as part of the Kerala Forest and Wildlife Department's Vana Mahotsavam 2021 and was inaugurated by Hon. Member of the Legislative Assembly Shri. A. Prabhakaran. Overall, our infrastructure development is progressing in tandem with active afforestation and rainwater harvesting plans including dense Miyawaki style plantation and lake development.

A key quality parameter for higher education today, and more so for technical and professional education, is its relevance to real world problems and ability to allow for the seamless and meaningful integration of students into the world of work. The Centre for Industry Collaboration and Sponsored Research (ICSR) at IIT Palakkad represents our attempt to institutionalise such outward accountability in the education we impart. The centre represents a creative, collaborative and dynamic space to engage with relevant actors

from the public as well as private sphere, both from within the country and beyond. Since its inception in 2018, the Centre has actively coordinated the undertaking of consultancy projects and assignments by faculty, facilitated innovation, and tapped into funding essential to support all this. With close to 70 funded projects as of today, the Centre leverages the intellectual and material resources of our institute in exemplary ways. The National Highway Authority of India, The Sree Chitra Tirunal Institute for Medical Sciences and Technology and the hyper-local Kanjikode Industries Forum represent just a few of the diverse partners that the Centre for Industry Collaboration and Sponsored Research currently facilitates knowledge exchanges and hands-on learning with and through. Memoranda of understanding have been signed by the Centre for ICSR with 16 diverse partners in the last two academic years: Promoting institutional collaboration in education and research in Biomedical Engineering, developing a Human Brain and Computer Interface device that serves to neuro-rehabilitate stroke patients, joint Research and Development in home automation, low-cost assistive and rehabilitation technology devices for various motor-neuron and degenerative disorders, portable emergency ventilators in response to Covid-19, cost-effective electronic Pulse Plethysmographs for continuous monitoring of vital signs, offering research, development, training and consultation in the field of infrastructure technology; partnering in work on Ganga river basin management and conservation, collaborative Research and Development projects in the field of Power Electronics and Power Systems, Robotics, Control and Instrumentation, Embedded Systems and the Internet of Things all feature in the rich array of diverse and futuristic endeavours that IIT Palakkad is engaged in, as a result of these MoUs.

IIT Palakkad has put in place a strong ecosystem to encourage innovation related activities within the student community. The CSquare Innovation Lab is a well equipped facility for the fabrication of any prototype, proof-of-concept idea or project work. The facility has state-of-the-art machines for working with

soft and hard materials. It provides a physical space for the various student-run technical clubs to conduct their activities. The facility is currently housed at the Ahalia Campus. A new facility is now being set up at Nila campus too.

Our students have done very well in various hackathons and competitions. A team from the Institute was among the finalists at the national level of the hardware round of the Smart India Hackathon 2020, the flagship innovation event conducted by the Government of India. They worked on designing a warm blanket that can be used during MRI scans. Two of our teams figured among the top 100 in the Young Innovators Programme - 2019, organised by the Government of Kerala. They worked on an Infrared Imaging of Tooth Decay and an Eye movement based speller device, respectively. Four teams have also been selected for the pre-final round of the Young Innovators Programme - 2020, which is currently being conducted. Also, the Institute team secured the first rank in the Build O' Innovate competition conducted by Association of Civil Engineers (ACE), IIT Patna, in 2020.

To further accelerate the Institute's Research and Development activities, earlier this year, the Technology Innovation Foundation of IIT Palakkad (TECHIN) was launched as a vehicle for innovation, incubation and start-up activities. TECHIN was inaugurated by Infosys co-founder Mr. Kris Gopalakrishnan and the launch also marked the opening of a six-day interactive and hands-on online innovation camp titled "Innodeate Bootcamp" organised by the CSquare Innovation Centre for students who have completed at least the first year of engineering. The bootcamp was conducted by Mr. Rajesh M. Nair, Professor of Practice at Asia Business School, Malaysia, as an online, interactive and hands-on programme with ideation kits being couriered to the participants. Eminent speakers from industry led different sessions. Apart from Mr. Gopalakrishnan, Mr. Jairam Varadaraj (Managing Director of ELGI Equipment), Prof. Sujatha Srinivasan

(R2D2 Lab, IIT Madras), Mr. Rajesh P. (Chief Executive Officer and co-founder of Rapid Value Solutions), Prof. L. S. Ganesh (DoMS, IIT Madras), Mr. Gaurav Tripathi (Superpro.ai), Mr. Srikanth Sundararajan (VenturEast) and Mr. Vipin Sondhi (Managing Director of Ashok Leyland) addressed the Innodeate Bootcamp.

TECHIN is set up as a collaborative entity with Institutes and Industry to create an impactful innovation ecosystem, discover disruptive technologies and enable entrepreneurs and startups. Multiple centres of excellence are emerging under this company, with initial focus on water sanitation and hygiene, and biomedical devices. A Technology Innovation centre namely TECHIN will take care of all the training, innovation and incubation needs for the startups across domains, and it conducted its first pitch event in April 2021 where four teams were selected for pre-incubation. The ideas that were selected to be incubated had relevance to current challenges in the world including sustainable electric mobility, biomedical therapies, and wireless long range communication in emergency situations. Other recent events include Covackthon (Covid Hackathon) in collaboration with the Govt. of Kerala, Kerala Startup Mission, Kerala Digital University and Maker Village and Toycathon (Hackathon for toys) conducted by the Ministry Of Education, Innovation cell and AICTE.

To strengthen our relationships with industry in ways that may lead to sustainable partnerships in the long-run, the Industry-Academia Conclave was conceived and launched in 2019 and a second edition held virtually in 2020. This programme is focused on enhancing and initiating industry collaboration and consultancy activities as well as placement and internship opportunities for our students. Dedicated industry interaction sessions for each engineering discipline and a panel discussion were conducted.

The institute has also established a Technology Innovation Hub on Intelligent Collaborative Systems

(TIH-ICS) as a part of the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS). TIH-ICS aims to create a seamless ecosystem for Cyber-Physical Systems technologies. TIH-ICS is expected to develop technology / products that enable intelligent collaboration among major cyber-physical systems, building blocks including but not limited to modelling-analysis-control, devices, networks, security, robots, data and simulation. The institute has also established the IIT Palakkad Technology IHub Foundation (IPTIF) to facilitate the TIH-ICS. TIH-ICS, through IPTIF, plans to attract potential and harness expertise available nationwide, thus fostering research innovation, world class technology and product development. IPTIF also plans to build linkages with research institutes and labs within and outside India. One of the primary goals of this company is to work in close collaboration with industry to deliver commercial technology and products, and build a vibrant innovation ecosystem by providing a reliable platform for technology-based start-ups and entrepreneurs.

IIT Palakkad has been recognised as a Nodal Centre for Training in High Performance Computing (HPC) and Artificial Intelligence (AI) by the National Supercomputing Mission, an initiative of the Government of India, in 2020. The HPC nodal centre at IIT Palakkad, and its sister nodal centres at IIT Madras, IIT Goa, and IIT Kharagpur are tasked with training manpower in all aspects of HPC to meet the current and future needs of our nation. As initial steps in this direction, IIT Palakkad played an active role in organising courses/workshops on HPC Cluster, OpenMP library and programming GPUs using OpenMP library.

The IIT Palakkad Advisory Council was set up in May 2021 and is expected to play the role of guide, mentor, think tank, and sounding board for the institute-industry interface of the Institute. The council will also help give access to people and institutions that will benefit from an association with IIT Palakkad. The council consists of the Chairman BoG, The Director,

internal faculty members and external members who have distinguished themselves in various capacities in industry, entrepreneurship, and academia.

The Institute Ethics Committee was constituted on 1 June 2021 with the aim to review all research involving human subjects undertaken at the Institute and ensure such projects follow due guidelines set by the Indian Council of Medical Research (ICMR). The committee includes both internal and external members from a wide range of disciplines including science, engineering, philosophy and social sciences.

In the 2019-2020 academic year, the Career Development Cell at IIT Palakkad superseded the performance of counterparts in peer IITs in terms of the highest percentage of job offers received by students. A total of 87 offers were received from 70+ coveted companies with excellent profiles and across sectors such as Research and Development, Information technology, Core Engineering, Analytics, Government, Consulting, etc and no offers were declined. A considerable number of our graduates decided to pursue higher studies in reputed institutes such as Arizona State University, Columbia University, ESSEC Business School, Georgia Institute of Technology, Northwestern University, Pennsylvania State University, UCLA or at other IITs or the prestigious IIMs. Fifteen pre-placement offers were also made to the 2020 batch of students.

Despite the vagaries of the pandemic, IIT Palakkad witnessed a promising participation of companies in the 2020-2021 placement season. A total of 80+ companies participated from across sectors and a total of 118 offers were made. The major recruiters included Google, Sprinklr, Arista Networks, Cargill, TCS Research, L&T Groups, Target Corporation, MathWorks, Zoom, Texas Instruments, Honeywell, Silabs India, CTS, Signalchip Innovations, Jio Platform Limited, McKinney, Marimba Auto, Maini Precision etc. Additionally, five pooled campus drives were hosted

for the six new generation IITs resulting in a total of 15 offers. While the highest domestic CTC offered was INR 31.5 Lakhs per annum by Google, the L&T Group made the maximum number of offers this year with 15 offers. We are also delighted to note that 24 offers with CTC INR 20 Lakhs and above were made to the 2020-21 batch.

As already mentioned, 24 new faculty members joined the institute : 5 in Mechanical Engineering, 4 each in Mathematics and Civil Engineering, 3 each in Physics and Electrical Engineering, 2 in Chemistry and 1 each in the disciplines of Biological Sciences & Engineering, Computer Science and Engineering, and Sustainability. Some of the noteworthy contributions of our new faculty are as follows:

Prof. Jagadeesh Bayry, appointed as a professor and the first faculty member in the area of biological sciences and engineering, had previously been featured in the list of the top 2 % of scientists in the world. He is also currently an Associate Editor of Frontiers in Molecular Medicine (2021- present), Frontiers Publisher.

Prof. Tom Mathew served as a member of the Research Council (RC) of Engineering and Technology Programme of Kerala State Council for Science, Technology and Environment (KSCSTE)

Dr. Sushabhan Sadhukhan served as an expert member for the December 2019 PMRF selections for Interdisciplinary Programmes in Science and Engineering (IDSE) held at IISc, Bangalore.

Dr. Soval Lal Das served as an expert member for the December 2021 PMRF selections for Mechanical Engineering held at IISc, Bangalore.

Many of our faculty members have brought laurels to the Institute through awards and recognitions for their research and appointments to important external administrative positions.

Awards & Fellowships

- ◆ **Dr. P. B. Sunil Kumar**, Director, IIT Palakkad, received the 10th Prof. M. V. Pylee Award for the Distinguished Academician of India - 2019 instituted by the Cochin University of Science and Technology. The biennial award carries a cash prize of Rs 1 lakh and a citation.
- ◆ **Prof K. L. Sebastian** was awarded the prestigious Chemical Research Society of India (CRSI) Gold Medal of 2021. This is a lifetime achievement award given to a person of high eminence for contribution to Chemistry.
- ◆ **Dr. Santhakumar Mohan** received the European Master on Advanced Robotics Plus (EMARO+) fellowship funded by Erasmus+ in 2019.
- ◆ **Dr. Mintu Porel** was awarded the 'Early Career Award' from International Conference on Smart Materials for Sustainable Technology (SMST-2020), organised by The Society for Interdisciplinary Research in Materials and Biology (SIRMB) with a focus on fundamentals and applications in healthcare and energy, February, 2020.
- ◆ **Dr. Sukomal Dey** was honoured as an "Emerging Leader" in the field by the Journal of Micromechanics and Microengineering, Institute of Physics.

Prizes & Best Paper Awards

- ◆ **Dr. Amrita Roy** co-authored the the paper 'The double trap: Institutions and economic development', Economic Modelling, 76, which was voted the winner of the inaugural Best Paper Award for Economic Modelling for papers published in 2019, in the category Development Economics.
- ◆ **Dr. Divya P. V.** won the Best paper Award for "Geosynthetic reinforced soil walls with construction and demolition waste backfill" with Vibha S (MS student), International Symposium on Recent Advances in Sustainable Geotechnics conducted by IIT Kanpur. (2019)
- ◆ **Dr. Swaroop Sahoo** was winner of the DEFENCE INDIA STARTUP CHALLENGE 4 (DISC4) competition from Defense Innovation Organisation for "Target Detection in Chaff Environment".
- ◆ **Dr. Sukomal Dey** was the recipient of the "Best Paper Award – 2020" from IEEE International IOT, Electronics and Mechatronics Conference, 9-12th Sep, 2020, Vancouver, Canada.
- ◆ **Dr. Sukomal Dey** was also the recipient of the "Outstanding Reviewer Award-2019" from Journal of Micromechanics and Microengineering, Institute of Physics.

Editorial positions & noteworthy publications/talks

- ◆ **Dr. Santhakumar Mohan** holds the following editorial positions :
 - Journals:**
 - ▶ Technical Editor, IEEE/ASME Transactions on Mechatronics (2020 - present)
 - ▶ Associate Editor, IEEE Robotics and Automation Letters (2020 - present)
 - ▶ Associate Editor, ASME Letters in Dynamic Systems and Control (2020 - present)
 - Conferences:**
 - ▶ Associate Editor, IEEE International Conference on Robot and Human Interactive Communication (RO-MAN) 2019, 2020, 2021
 - ▶ Associate Editor, Advances in Robotics (AIR 2021)
 - Edited Books:**
 - ▶ Editor, Materials, Design, and Manufacturing for Sustainable Environment, Lecture notes in Mechanical Engineering, Springer 2021
 - ▶ Editor, Mechanism and Machine Science, Lecture notes in Mechanical Engineering, Springer 2021

- ◆ **Dr. Shanmugaraju** holds the following editorial positions
 - ▶ Guest Editor for a forthcoming special issue on “Supramolecular Chemistry” to be published in the journal Results in Chemistry (Elsevier).
 - ▶ Member, Editorial Advisory Board of “Results in Chemistry” -a journal published by Elsevier.
 - ▶ Lifetime Member of the Chemical Research Society of India (CRSI) and Indian Society for Chemist and Biologist (ISCB). In addition, he has edited a textbook on “Supramolecular Coordination Complexes” published by Elsevier and has been admitted as a member of the Royal Society of Chemistry (MRSC).

- ◆ **Dr. Kanmani Subbu** served as one of the guest editors for the special issue entitled “Micromanufacturing for Mechatronics Systems” in Journal of Micro Manufacturing, SAGE.

- ◆ **Dr. Mintu Porel** served as one of the guest editors for Frontiers in Chemistry

- ◆ **Dr. Mahesh Panicker** holds the following editorial and honorary positions:
 - ▶ Review Editor, Frontiers in Neurorobotics
 - ▶ Vice Chair, IEEE Engineering in Medicine and Biology Society (EMBS) Kerala Chapter
 - ▶ Chair - Sponsorship Committee, IEEE International Symposium on Biomedical Imaging (ISBI) 2022

- ◆ **Dr. Vivek Chaturvedi** has been serving as senior editor for ACM Ubiquity Magazine since March 2020. https://ubiquity.acm.org/meet_the_editors.cfm

- ◆ **Dr. Unnikrishnan C.** authored a book titled “ Distributed Graph Analytics: Programming Languages and their Compilation” : <https://www.springer.com/gp/book/9783030418854>

- ◆ **Dr. Sukomal Dey** holds the following editorial and honorary positions:
 - ▶ Review Editor, Frontiers in Mechanical Engineering for Micro- and Nanoelectromechanical Systems
 - ▶ Vice Chair (since 2020), IEEE Antenna and Propagation Society (APs) Kerala Chapter
 - ▶ Session Chair - IEEE International conferences like APMC-2020, APSYM-2020, LAMC-2021

In addition to academic and research activities, the Institute community has also been actively involved in furthering its social responsibility. Since late 2019, IIT Palakkad has been the Regional Coordinating Institute of Unnat Bharat Abhiyan (UBA) for the districts Palakkad, Kozhikode, Kannur, Wayanad and Kasargod. Currently, there are 24 participating institutions and IIT Palakkad has been trying to connect and coordinate with these institutions to support their activities in adopted villages. A UBA Cell has been constituted at IIT Palakkad for this purpose. Workshops were organised to orient and encourage participating institutes in the region to engage with development needs of the adopted village clusters.

Panel discussions on “Capacity Building of the Higher Education Institutions for Rural Engagement” and “Online Dialogue on Academic Social Responsibility - Knowledge and Technology Dissemination for Sustainable Rural Development” were organised to encourage faculty and students to actively engage with stakeholder communities. Activities that were undertaken include a detailed need assessment study of government schools, a water assessment study of the Pudussery Gram Panchayat, a Waste/Energy Management contest, a household survey of the adopted villages, a well census programme and a Plastic Free Campaign in adopted villages. Projects on Smart Farming and GIS Mapping of Pudussery Grama Panchayat were also undertaken. The institute has also actively participated in Gram Sabha meetings conducted at Pudussery West, Pudussery Central and Pudussery East villages to better comprehend local issues and collaboratively formulate development activities for the year 2021-22. The topics discussed and issues raised during these meetings have been serving as a directional sign to the needs of the society. Through the UBA activities, IIT Palakkad strives for sustainable rural development anchored on locally-relevant technical know-how.

As an extension of the Institute’s UBA activities and its commitment to an active engagement with the

local community, the Public Lecture Series, Pale Blue Dot, was launched in January 2020. The series, jointly organised with the District Public Library, Palakkad, aims to instill and nourish scientific temper and demystify science by providing a forum for regular conversations between the scientific community and the public. The inaugural lecture was delivered by Prof. Amitabh Joshi from JNCASR, Bengaluru, on ‘Why evolution is central to both biology and our lives’. Dr. M. Rajeevan, Secretary, Ministry of Earth Sciences, GoI, and researcher in Tropical Meteorology, delivered the second lecture of the series on ‘Global Climate Change: Causes, Concerns, Commitments’. The third lecture was a conversation between Prof. Andrew Thangaraj, (IIT Madras) a National MOOCs Coordinator for NPTEL in the Swayam project of the MHRD, and Shri. K. Anvar Sadath, Chief Executive Officer, Kerala Infrastructure and Technology for Education (KITE).

In response to the COVID-19 outbreak, IIT Palakkad has been playing a proactive role in protecting the public and medical professionals from the first line of infection. From making hand sanitizer in its chemistry laboratories and supplying it to the public free of cost, to the UBA cell organising an online interactive session on “COVID-19 and Lifestyle Changes amidst Pandemic” to sensitise and create awareness of lifestyle changes required during the COVID-19 pandemic, this response has been diverse. Partnering educational institutes in the UBA-network have supported these efforts by setting up glove making machines, foot operated hand sanitizer dispensers, and through other Corona prevention activities.

In an effort to develop technologies to help combat COVID-19, IIT Palakkad has embarked on several projects in collaboration with industries and hospitals. These projects include Low-cost Medical Ventilator, Automated Lung Ultrasound for COVID-19 Screening and Monitoring, Pulse Oximeter Design and Development, Low-cost Test Kit for Fast Screening of COVID-19 Patients, Real-time Crowd Sensing using Mobile Phone tracking, Design and Manufacture of

Respirator Masks, Preparation and Supply of Hand Sanitizer and Modeling and Simulation.

The Institute's National Service Scheme (NSS) unit was approved as an aided unit under the Ministry of Youth Affairs and Sports, Government of India, in 2020. The unit has been actively engaged in organising Blood Donation Camps, Campus Cleanliness Drives and COVID-19 Vaccination Awareness Campaigns. As part of the 150th birth anniversary of Mahatma Gandhi in 2019, a Plastic Free Campaign was organised jointly with the Social Initiative Team of Petrichor in collaboration with Suchitwa Mission. A survey of the waste management practices followed by households was conducted and pamphlets on how to effectively segregate solid waste were distributed. The NSS unit is planning to use the results from this survey to organize future activities on solid waste management. As part of the 125th Birth Anniversary of Netaji Subhash Chandra Bose earlier this year, the unit conducted an Online Patriotic Song Competition for students, faculty and staff. As a part of the World Environment Day 2021, a Tree Plantation Drive was organised. NSS volunteers also facilitate student-learning at different schools and engage in craft work using shredded office paper. They now aspire to devise techniques that would help upcycle waste paper into high quality writing paper.

As part of our outreach efforts, the institute envisaged forming Math Circles to help develop mathematical enrichment activities and promote a culture of mathematical thinking among middle school students. Towards this end, we conducted a planning workshop for teachers from around twenty schools in Palakkad in December 2019. Veterans with longstanding interest and experience in math education and outreach like Prof. Ramanujam (Institute of Mathematical Sciences, Chennai), Ms. Jayshree (PhD student at HBCSE, TIFR Mumbai) and Dr. Shailaja Sharma (NIAS, Bangalore) addressed the audience. During Jan-March 2020, teams consisting of faculty and research scholars conducted several pilot runs of the Math Circles in selected schools. Experience gained from these pilots would help us formally start an IIT Palakkad Math

Circle in the near future. The bigger and long-term goal of this activity is to use the experience of running the local Math circle to mentor similar programmes at other locations.

Continuing our tradition of conducting regular science popularisation activities, a Science and Technology Meet was organised on National Science Day, 2020. An Open Day consisting of lectures, demonstrations, hands-on workshops and puzzles for school students was also conducted. In collaboration with the National Academy of Sciences, Public Outreach Committee of the Astronomical Society of India and Nehru Planetarium, a workshop on Annular Solar Eclipses consisting of a discussion on eclipses and observations using solar projections was conducted in 2019. The participants were also taught to make their own projection setup and build their own refractor telescope. Around the same time, a session on astronomy followed by guided sky-watching sessions were organised as part of the celebrations for the 150th birth anniversary of Mahatma Gandhi.

In the two years since its official launch in 2019, the Women's Forum, Kadambini, has organised several activities to amplify relevant women-centric conversations. A talk on "Women and Work in India: Insights from micro-data" by Prof. Bino Paul, Tata Institute of Social Sciences, was held on 11 November 2019 to commemorate National Education Day. On International Women's Day in 2020, students, staff and faculty participated in a "Pin-a-Poster" activity in which they shared posters of women who have inspired them in the public sphere. In accordance with the directives of the Ministry of Education to conduct webinars on 'Gender Bias and Stereotyping, Gender Equality and Women's Rights', two webinars were conducted. The first talk was delivered by Dr. V. Geetha, Feminist activist and Editorial Director of Tara Books, Chennai, on 'The Politics of Love and Gender'. The second was by Prof. J. Devika, CDC, Thiruvananthapuram, on 'Men for Sciences, Women for Arts? Thoughts on the Gender Stereotyping of Knowledge'.

In order to provide students and faculty the opportunity to interact with distinguished academicians and industrialists, the Institute Colloquium series hosted a considerable number of talks in the last two years. We were honoured to interact with Prof. G. K. Ananthasuresh, Professor of Mechanical Engineering, Indian Institute of Science; Prof. Kaushal Verma, Professor of Mathematics, Indian Institute of Science; Prof. Navakanta Bhat, Centre for Nano Science and Engineering, Indian Institute of Science; Prof. Ligy Philip, Discipline of Civil Engineering and Dean Planning at the Indian Institute of Technology Madras; Prof. A. Chockalingam, Department of Electrical Communication Engineering, Indian Institute of Science; Prof. Vasant Shinde, Director-General, National Maritime Heritage Complex, Gandhinagar; Prof. Eluvathingal D. Jemmis, Professor of Theoretical Chemistry, Indian Institute of Science; Prof. Devang Khakhar, Professor of Chemical Engineering, Indian Institute of Technology Bombay; and Prof. Yunus Ballim, Professor of Civil Engineering, University of Witwatersrand, Johannesburg.

The Institute also had the honour of hosting Padma Vibhushan Dr. E. Sreedharan and Padma Bhushan Prof. P. Balaram, former Director, IISc, as chief guests for the 4th and 5th Institute Day celebrations respectively.

To engage with renowned personalities from diverse fields and on topics beyond their curriculum, our students take the lead in regularly organising Extra Mural Lectures (EML). Over the last two years, lectures have been delivered by Mr. Amal M. Das, author, motivational speaker, educationalist and CEO of the Arjuna Group, an NGO; Mr. Biju George, former Indian Cricketer and current fielding coach for Sunrisers Hyderabad; Ms. Sinimol Paulose, Arjuna award winner; Mr. Arun Krishnamurthy, Founder of the Environmentalist Foundation of India; Dr. Sajeev Velayudhan, Principal Scientist and Research Coordinator at the Kerala Forest Research Institute; Mr. Sudhanshu Mani, Retd. General Manager, Integral Coach Factory, Chennai and the architect of Train 18 - the first indigenous engine-less train and Prof. Ashrafi

S. Bhagat, Retd. HoD, Fine Arts, Stella Maris College, Chennai.

Apart from enthusiastic engagement in the NSS/UBA activities and the organisation of the EML series, the past two years saw a massive participation of our students in a plethora of sports, cultural and technical intra-institute events and competitions (Sportacus, Arsh and Tech Day). Students, faculty, and staff interacted in the spirit of camaraderie strengthening the bond and ensuring a pleasant time. Despite the prevalence of the pandemic which began in early 2020, a wide variety of student-run initiatives and events were organised in the 2020-21 academic year. Several new clubs were formed and multiple events were conducted under the aegis of the student clubs. SPIC MACAY organised online concerts and movie screenings. The Fleet Street, the student media body of the Institute, released a number of articles and special editions.

The students also represented the Institute at the Inter IIT Sports Meet, Book Review Competition and Tech Meet. Active participation was witnessed in the National Fit India Freedom Run. Two teams qualified at the International Collegiate Programming Contest (ICPC) as regional qualifiers in the Asia Regional Rounds and both secured ranks in the top 300. Three teams were selected to the e-Yantra Robotics Competition organised by IIT Bombay. Enthusiastic participation was witnessed in the WIN India movement and the Institute team garnered the 5th position among all the IITs.

Petrichor, the Techno-Cultural Fest of IIT Palakkad, witnessed participation from over 100+ colleges and 3000+ footfalls in 2020. From 6 cultural events and 5 technical events in its first year to 17 cultural and 9 technical events last year, Petrichor promises to be bigger and better every subsequent year. In addition to the cultural and technical activities, Petrichor also focuses on social issues and societal development through its Social Initiative Team. The team was part of

the Plastic Free Village Campaign of the UBA cell and actively engaged in various activities such as setting up libraries in government schools and conducting quizzes, classes and career orientation programmes for school children. Petrichor also launched its dedicated YouTube channel with the release of its official AfterMovie of Petrichor'20. Petrichor aims to provide a perfect platform for participants from all around to come together and cherish technology, science and culture in tandem.

IIT Palakkad organises a Research Scholars' Day (RSD) every year to showcase the work done by our research scholars through oral and poster presentations. This is a day-long event consisting of keynote address, seminars and poster presentations by the students and faculty of IIT Palakkad. In 2019, the keynote talk was on "Techniques of Radio Astronomy" by Prof. Jayaram N Chengalur, National Centre for Radio Astrophysics, TIFR. In the following year, the keynote address was delivered by Prof. Biman Bagchi, Honorary Professor, Indian Institute for Science, Bangalore, on From Transitions between Ice Polymorphs to Slaving of Protein Dynamics and to Insulin Dimer Dissociation: The Intriguing Role of Water in Nature.

At this juncture, I would like to mention with pride some of the achievements of our students in research. Ms. Gayathri M., PhD student in the Electrical Engineering discipline, was one among the 10 finalists for a 3-minute PhD thesis competition as part of IEEE's flagship conference in medical imaging, IEEE International Symposium on Biomedical Imaging 2021. The paper authored by Mr. Madhavanunni A. N., MS student in the Electrical Engineering discipline, titled "Triangulation based vector flow imaging with non-steered plane waves for transverse flows" was shortlisted for the Robert F. Wagner All Conference Best Student Paper Award at SPIE Medical Imaging 2020. Both Ms. Gayathri M. and Mr. Madhavanunni A. N. are pursuing their research under the guidance of Dr. Mahesh Panicker. Ms. Sakila S., PhD student working with Dr. Subhasis Mitra from the Civil Engineering

discipline, received the Best presentation award for the paper entitled 'Post processing short to medium range GEFS precipitation forecast in India' in the HYDRO 2020 - International Conference (Hydraulics, Water Resources, and Coastal Engineering). Mr. Rajendran, PhD student in the Chemistry discipline working with Dr. Dinesh Jagadeesan, won the RSC Advances Poster Prize in the 7th UK Catalysis Conference.

Mr. Shidhin Tom, M.Tech Manufacturing and Materials Engineering, received the Best Presenter Award for the paper titled 'Effect of Laser Scanning Strategy on Residual Stress in Selective Laser Melting' in the Heat Transfer session in iCRAFT2020 - the 2nd International Conference on Recent Advances in Fluid and Thermal Sciences. Dr. S. Kanmani Subbu and Dr. Samarjeet Chanda from the Mechanical Engineering discipline were co-guides for his final year project. Roshan P. Mathews, B.Tech Electrical Engineering, was selected for the prestigious Khorana Programme for Scholars 2020, to carry out research at Stanford University. Also, three of our PhD students, Ms. K. Shabana from Computer Science and Engineering, Ms. Gopika Rajagopal from Civil Engineering and Mr. Narayanan P. P. from Electrical Engineering, were awarded the Prime Minister's Research Fellows (PMRF) fellowship.

I am happy to state that the Alumni Cell of IIT Palakkad was inaugurated by Prof. Nagarajan from IIT Madras in July 2019, when the first batch of students graduated. The cell is founded to establish and sustain an organic network between our alumni, students and faculty that facilitates communication, mentoring and learning. The cell is committed to the enhancement of institute-alumni relations and provides a platform for student-alumni networking. The year 2020 marked a new chapter for the Alumni Cell after instigating a full-fledged student team that organised a plethora of events like Student-Alumni Virtual Age Talks, Faculty Alumni Meet, Alumni Talks, Career Oriented Sessions- Making Own Strategies, Videathon, Back to the Beginning: Alumni Club Meets and Project Mentorship Programmes. A newsletter titled "Footprints" is published regularly for the current student community

to be in touch with the alumni and vice-versa. It is heartening to note that Prasanna Venkat Ravindran, a graduate alumna of Batch 2015, has received the prestigious IEEE Electron Devices Society (EDS) Masters Student Fellowship. Currently, he is a PhD student in the Georgia Tech School of Electrical and Computer Engineering (ECE) and is a member of the Electronics with Ferroelectric and Quantum Materials Lab.

The Alumni Cell has also instituted an annual “Undergraduate Research and Innovation” award to recognise and reward undergraduate students for their achievements in research and/or entrepreneurial endeavours. This year, the first prize was awarded to Roshan Mathews of the Electrical Engineering discipline for excellence in research as exemplified by four research publications and multiple research fellowships in India and abroad. The second prize went to the 6-member team of Divyansh Khare (ME), Sushil Kumar (ME), Abhinav Kumar (ME), Gautham G. Kumar (ME), Arjun K. Vikram (ME), and Sandra Mary Jacob (EE), for their design of a warm blanket for use during MRI scans and for being among the finalists at the Smart India Hackathon 2020.

As we take stock of all our accomplishments over the past two years, the Institute community would like

to express its immense gratitude to the Ministry of Education for the constant support extended to all Institute matters. We would also like to extend our sincere appreciation and heartfelt gratitude to the four senior faculty members whose terms ended in the recent past: Prof. K.V.G Kutty, former Dean (Student Affairs); Prof. K. L. Sebastian, former Dean (Research); Prof. Job Kurian, former Dean (Administration) and Prof. Pramod Mehta, former Dean (Academics). The expertise, experience and commitment they brought to the establishment of a strong organisational structure and to the development of procedures and processes for the efficient academic and administrative functioning of the Institute, have been invaluable.

I would also like to thank the IIT Palakkad community for their trust and confidence and for their unwavering commitment to the growth of the Institute.

Finally, I take this opportunity to congratulate all the graduands on their success. In these times of unprecedented adversity, I am certain that your success will serve as a ray of hope and that the resilience you have shown and seen, will strengthen your resolve to find and follow your purpose in ways that help and heal the world.

Thank you.







Permanent Campus - IIT PALAKKAD





Institute Medals & Awards



INSTITUTE MEDALS (2020)		
Sl.No.	Name	Roll No.
B.Tech		
01.	VISHAL CHOUDHARI (ELECTRICAL ENGINEERING)	121601027

INSTITUTE AWARDS (2020)		
Sl.No.	Name	Roll No.
B.Tech		
01.	GOVINDA BAKNA (CIVIL ENGINEERING)	101601032
02.	SOURABH AGGARWAL (COMPUTER SCIENCE AND ENGINEERING)	111601025
03.	VISHAL CHOUDHARI (ELECTRICAL ENGINEERING)	121601027
04.	ROHIT KUMAR (MECHANICAL ENGINEERING)	131601024

INSTITUTE MEDALS (2021)		
Sl.No.	Name	Roll No.
B.Tech		
01.	PAMU ABHITEZ (CIVIL ENGINEERING)	101701019
M.Tech		
01.	SHIDHIN TOM (MANUFACTURING AND MATERIALS ENGINEERING)	131902016
M.Sc		
01.	JYOTI YADAV (CHEMISTRY)	201905009

INSTITUTE AWARDS (2021)

Sl.No.	Name	Roll No.
B.Tech		
01.	PAMU ABHITEZ (CIVIL ENGINEERING)	101701019
02.	AHMED ZAHEER DADARKAR (COMPUTER SCIENCE AND ENGINEERING)	111701002
03.	ROSHAN P MATHEWS (ELECTRICAL ENGINEERING)	121701023
04.	SANGADALA GAYATHRI (MECHANICAL ENGINEERING)	131701025
M.Tech		
01.	AARYA KRISHNA (GEOTECHNICAL ENGINEERING)	101902001
02.	SHIDHIN TOM (MANUFACTURING AND MATERIALS ENGINEERING)	131902016
M.Sc		
01.	ARPITA PANDA (CHEMISTRY)	201905005
02.	HRIDYA R (PHYSICS)	221905005





Graduands List



PhD Degree Awarded



Mechanical Engineering		
Sl.No.	Name	Roll No.
PhD (2021)		
01.	ABHILASH P M	131804101

MS (Research) Degrees Awarded



Civil Engineering		
Sl.No.	Name	Roll No.
MS (Research) (2020)		
01.	NEERAJ C R	101703002
02.	GOPIKA RAJAGOPAL	101803101
03.	REBECCA MARY PAUL	101803102
04.	VIBHA	101803103
MS (Research) (2021)		
01.	RAJAT	101813001

MS (Research) Degrees Awarded



Electrical Engineering		
Sl.No.	Name	Roll No.
MS (Research) (2021)		
01.	REKHA S S	121703002

MS (Research) Degrees Awarded



Mechanical Engineering		
Sl.No.	Name	Roll No.
MS (Research) (2020)		
01.	BIJIT KALITA	131803101
MS (Research) (2021)		
01.	AMIT MAKHIJA	131803102
02.	PARVATHI S	131913002

M.Sc Degrees Awarded



Chemistry		
Sl.No.	Name	Roll No.
M.Sc (2021)		
01.	TIWARI ANKIT DEENANATH	201905001
02.	ANOOP HARI H G	201905002
03.	PANDEY ANURAG RAJESH	201905004
04.	ARPITA PANDA	201905005
05.	DEEPIKA VARSHNEY	201905006
06.	DIPANJANA SARKAR	201905007
07.	ISHMITA KAUR	201905008

Chemistry

Sl.No.	Name	Roll No.
M.Sc (2021)		
08.	JYOTI YADAV	201905009
09.	MITHU KUMARI	201905010
10.	NIKHIL KUMAR	201905012
11.	NITHASHA M A	201905013
12.	PREETI KANG	201905017
13.	RAJANI KUDUMULA	201905018
14.	RIMISHA A C	201905019
15.	ROHIT SHARMA	201905020
16.	SOUMYA MONDAL	201905021
17.	TRIPTI KUNDU	201905022

M.Sc Degrees Awarded



Physics

Sl.No.	Name	Roll No.
M.Sc (2021)		
01.	ABINASH DAS	221905001
02.	BIPLAB BISWAS	221905003
03.	DINU T S	221905004
04.	HRIDYA R	221905005
05.	NEERAJ KUMAR	221905008
06.	PRAM MILAN P ROBIN	221905009
07.	RAHUL KUMAR RAJPUT	221905011
08.	RAM SAGAR SAHANI	221905013
09.	SHWETA SAINI	221905014
10.	VED KRISHNA	221905018
11.	YASH CHUGH	221905019

M.Tech Degrees Awarded



Geotechnical Engineering		
Sl.No.	Name	Roll No.
M.Tech (2021)		
01.	AARYA KRISHNA	101902001
02.	BANDARU BALAJI SAI KUMAR	101902003
03.	CHIKKIREDDY NARESH	101902004
04.	DIVYA SONWANI	101902006
05.	MANISH MEENA	101902008
06.	SAIKUMAR K T	101902012
07.	SHANKAR P	101902013
08.	MUTHIREVALA LOKAIAH SUNDAR GANESH	101902014
09.	UTSAV	101902015

M.Tech Degrees Awarded



Manufacturing and Materials Engineering		
Sl.No.	Name	Roll No.
M.Tech (2021)		
01.	ADITYA PRASAD	131902001
02.	DEBABRATA DAS	131902002
03.	DEEPANK RAHI	131902003
04.	DONALD RAHUL R	131902004
05.	GOVINDA GAUTAM	131902005
06.	JITHINRAJ E K	131902006
07.	JYOTHISH S V	131902007
08.	KUMAR HEMJEET	131902009
09.	MAHIDA AKSHAYKUMAR VASHRAMBHAI	131902010

Manufacturing and Materials Engineering		
Sl.No.	Name	Roll No.
M.Tech (2021)		
10.	MISHRA SHYAM FULCHAND	131902011
11.	RAMADASU SAINATH	131902015
12.	SHIDHIN TOM	131902016
13.	SUMIT KUMAR	131902017
14.	UTKARSH DIXIT	131902018
15.	VIKASH KUMAR	131902019

B.Tech Degrees (with Honours) Awarded

B.Tech Degree with Honours		
Sl.No.	Name	Roll No.
Civil Engineering		
01.	PAMU ABHITEZ	101701019
02.	SRIJON PAL	101701028
03.	SYED UMER ALI SYED AMJAD ALI	101701029
Computer Science and Engineering		
01.	AHMED ZAHEER DADARKAR	111701002
02.	PANDRAVISAM SHIVA SANTHOSH	111701021
Electrical Engineering		
01.	MARIA ROSE JOSEPH	121701011
02.	ORUGANTI GREESHMANTH REDDY	121701017
03.	ROSHAN P MATHEWS	121701023
04.	SANIVARAPU ESWARA SAI VARUN TEJA REDDY	121701025
Mechanical Engineering		
01.	GAUTHAM G KUMAR	131701011
02.	SANGADALA GAYATHRI	131701025

B.Tech Degrees Awarded



Civil Engineering		
Sl.No.	Name	Roll No.
B.Tech (2020)		
01.	ABHISHEK BAGRI	101601001
02.	BALRAM KUMAR	101601004
03.	CHILUVERU APOORVA	101601006
04.	DEEPAK KUMAR	101601007
05.	DHARMA RAM MEGHWAL	101601008
06.	GOPAL KARWA	101601010
07.	GYAN RANJAN ROUT	101601011
08.	HARSHVARDHAN SINGH	101601012
09.	MARK NARI LINGFA	101601016
10.	PIYUSH DHAKAD	101601018
11.	PONNAMALLA ANKITH SURYA	101601019
12.	RAJAPANTULA ANUDEEP	101601020
13.	SANU RAJ	101601021
14.	SHREYASH SHUKLA	101601022
15.	SHYAM SUNDAR GOYAL	101601023
16.	SONU MITTAL	101601024
17.	THAVVA CHAITANYA REDDY	101601025
18.	VIVEK T V	101601026
19.	DEEPAK MEENA	101601031
20.	GOVINDA BAKNA	101601032
21.	LOKESH MEENA	101601033



Civil Engineering		
Sl.No.	Name	Roll No.
B.Tech (2021)		
01.	ABHISHEK KAJLA	101701002
02.	ADARSH KUMAR	101701003
03.	ANAND KUMAR SHARMA	101701005
04.	ANKIT KUMAR YADAV	101701006
05.	BANDAM SAISRUJAN	101701007
06.	BANKA TULASI	101701008
07.	DAYARAM MEENA	101701009
08.	GAURAV SINGH	101701010
09.	GULSHAN KUMAR	101701011
10.	HIMANSHU KHANDELWAL	101701012
11.	KOYYURU KARUNAKAR	101701013
12.	KASAR MILIND MANOJ	101701014
13.	MUKESH KUMAR MAHTO	101701015
14.	NEERAJ BALOT	101701017
15.	PANERIYA RAHUL VIREN KUMAR	101701020
16.	PIYUSH CHOUDHARY	101701021
17.	PRAKASH KUMAR	101701022
18.	PURAV KOTHIYA	101701023
19.	RAGHAV TIWARI	101701025
20.	RAJAN KUMAR SHARMA	101701026
21.	RAMAN YADAV	101701027
22.	TEENA ROY	101701030
23.	BUKYA SATISHCHANDRA	101701031
24.	PUSHPENDRA KUMAR	101701032



Computer Science and Engineering		
Sl.No.	Name	Roll No.
B.Tech (2020)		
01.	GAUTAM KUMAR	111501008
02.	KAWALE VISHWAJEET BHIMRAO	111501013
03.	AMIT VIKRAM SINGH	111601001
04.	ARKO SHARMA	111601002
05.	GADDIPATI SRIHARSHA	111601005
06.	GUJJULA BADRINATH REDDY	111601006
07.	ISHAN GADGIL	111601007
08.	KAUSHAL KISHORE	111601008
09.	KULDEEP SINGH BHANDARI	111601009
10.	KURAPATI VAMSI PRAMOD	111601010
11.	NIKHIL KUMAR YADAV	111601013
12.	PANKAJ KUMAR	111601014
13.	PATRICK GEORGE	111601015
14.	PRABHJOT SINGH	111601016
15.	RAJENDRA SINGH	111601017
16.	ROSHIN RAPHEL	111601018
17.	SACHIN HANSDA	111601019
18.	SAPTADEEP DAS	111601020
19.	SATVIK CHOUDHARY	111601021
20.	SHAIK MUHAMMAD MUSTAFA SHARIEF	111601022
21.	SHIV KUMAR SUTHAR	111601023
22.	SHUBHAM GUPTA	111601024
23.	SOURABH AGGARWAL	111601025
24.	SPARSH JAIN	111601026

Computer Science and Engineering

Sl.No.	Name	Roll No.
B.Tech (2020)		
25.	SURENDRA BASKEY	111601027
26.	VALLALA VISHNU TEJA	111601028
27.	VISMAY RAJ. T	111601030
28.	ARPIT SINGH	111601031
29.	HIMANSHU RAI	111601032
30.	IPSITA SINGH	111601033
B.Tech (2021)		
01.	ROUBAL	111501027
02.	VENKAT SAI AKASH CHEERLA	111601029
03.	ABHISHEK SARAN	111701001
04.	AKHILESH PATIDAR	111701004
05.	ANISH JAIN	111701006
06.	BADAL KUMAR	111701008
07.	CHANDANA S K	111701009
08.	DASARI SRAVAN KUMAR	111701010
09.	DEVANSH SINGH RATHORE	111701011
10.	ERASANI SAJITHKUMAR	111701012
11.	HIMANSHU JAIN	111701013
12.	JUPALLI JAYA MADHAV	111701015
13.	KONURU SHIVA DHANUSH	111701016
14.	MADAKA SRIKAR REDDY	111701017
15.	MARELLA SHIVA SAI TEJA	111701018
16.	MD TALHA YASEEN KHAN	111701019
17.	PAKALAPATI MANAS SANJAY	111701020
18.	PRIYANSHU SHRIVASTAV	111701022

Computer Science and Engineering

Sl.No.	Name	Roll No.
B.Tech (2021)		
19.	PULAGAM PRUDHVI VARDHAN REDDY	111701023
20.	RAKESH KUMAR	111701024
21.	SAI DEEKSHITH KATUKOJWALA	111701025
22.	SAKSHI RATHORE	111701026
23.	SHRUTI UMAT	111701027
24.	SIRPA SAHUL	111701028
25.	VAIBHAV JINDAL	111701029
26.	VIPIN KUMAR SETH	111701030
27.	DRISYA P	111701031
28.	MUHAMMED YASEEN	111701032
29.	NAVANEETH M NAMBIAR	111701033

B.Tech Degrees Awarded



Electrical Engineering

Sl.No.	Name	Roll No.
B.Tech (2020)		
01.	LOKESH PUDU	121501010
02.	ANJALI AGARWAL	121601001
03.	ANNEPOGU SUMANTH PAUL	121601002
04.	ARJUN DEV	121601003
05.	AYISHWARAYA A	121601004
06.	AYUSH JAIN	121601005
07.	BADHIREDDY SAI VIDYANANDA REDDY	121601006
08.	BALU V	121601007
09.	GUNTREDDI NITHIN	121601009

Electrical Engineering		
Sl.No.	Name	Roll No.
B.Tech (2020)		
10.	KHETAWAT SURESH RAMESH	121601013
11.	MAGATHOTI DILEEPKUMAR	121601015
12.	SAISUCHITH MAHAJAN	121601016
13.	MANOJ KUMAR S	121601017
14.	NANDALA ABHINAV	121601018
15.	NAVEEN V	121601019
16.	PHULE ANISH SUNIL	121601020
17.	RAJU RANJAN KUMAR	121601021
18.	SACHIN RUSTAGI	121601022
19.	SAKSHAM	121601023
20.	SHAIKH AFROZ ARSHAD	121601024
21.	BHAGWATE SHRUTI MANISH	121601025
22.	VIKAS BHARTI	121601026
23.	VISHAL CHOUDHARI	121601027
24.	VISHNU VAIDYA	121601028
25.	AMIT KUMAR	121601031
26.	BOGUDAMEEDI VENKATA SAI PRASAD	121601032
27.	EDUPUGANTI VINAY	121601033
28.	INGE SAURABH NARENDRA	121601034
29.	PATHAKOTA PRANAVI	121601035
30.	SHANTANU BHARATIA	121601036
B.Tech (2021)		
01.	AKULA SAIRAM	121701001
02.	ASHINI NAJEENA JALEEL	121701002
03.	BALA NARASIMHA M V S	121701003
04.	BIPIN GAMI	121701004
05.	DEEPAK NAIK DESAVATH	121701005
06.	DEEPU GEORGE KURIAN	121701006
07.	DESAI SATCHIT PADMANABH	121701007

Electrical Engineering		
Sl.No.	Name	Roll No.
B.Tech (2021)		
08.	EDLA LEKHANA	121701008
09.	GUNJAN	121701009
10.	KALLE KARTHIK	121701010
11.	MARRA JYOTHSNA SIVANI	121701012
12.	MUSKAAN MAHESHWARI	121701014
13.	NIMMALA SHIRISHA	121701015
14.	NIRANJANA S	121701016
15.	PAPA ADITHYA SURYA TARUN	121701018
16.	CHIVURALA PAVAN CHANDRA	121701019
17.	RAHUL R	121701021
18.	RITHWIK P	121701022
19.	SANDRA MARY JACOB	121701024
20.	SHAH SPARSH MUKESHBHAI	121701026
21.	THULLIMILLI ANIL KUMAR	121701027
22.	VAISAKH M	121701028
23.	VEGURU PRAVARSHA	121701029
24.	VEMIREDDY PHANINDRA REDDY	121701030
25.	A IMMANUEL JUFEL DALMAIDA	121701031
26.	YADAV PUSHKAR JAGANNATH	121701032
27.	RACHALA ROHITH REDDY	121701033
28.	SHWETANK VERMA	121701034

B.Tech Degrees Awarded



Mechanical Engineering		
Sl.No.	Name	Roll No.
B.Tech (2020)		
01.	ADARSH SINGPURI	131601001
02.	AKHILESH A S	131601002
03.	AMAN SHARMA	131601003
04.	ANANTHAKRISHNAN BHAGYARAJAN	131601004

Mechanical Engineering

Sl.No.	Name	Roll No.
B.Tech (2020)		
05.	ANIMESH RAIKWAR	131601005
06.	ARJUN THANGARAJ R	131601006
07.	ASHWIN K RAGHU	131601008
08.	GANNAVARAPU NAGA SRIHARI	131601011
09.	GOKUL R	131601012
10.	JEYARAM R	131601014
11.	JITHIN LAL PRADEEP K	131601015
12.	KAUSADIKAR VARAD PRASHANT	131601016
13.	CHAITANYA KHAWASE	131601017
14.	KOTTURI SAI NIKHIL	131601018
15.	MANISH KUMAR	131601019
16.	MELVIN M SUNNY	131601020
17.	NIDHI	131601021
18.	PATEL KETAN UMEDBHAI	131601022
19.	ROHIT KUMAR	131601024
20.	SANJAY PRADEEP	131601025
21.	SHUBHAM	131601027
22.	TALABATTULA JAYARAM	131601028
23.	UTSAV KHAITAN	131601029
24.	ADITYA KUMAR YADAV	131601031
25.	GAURAV	131601032
B.Tech (2021)		
01.	VISHAL KUMAR	131601030
02.	AKASH SURENDRAN	131701001
03.	AMIN SWAMIPRASAD DINESHBHAI	131701002

Mechanical Engineering

Sl.No.	Name	Roll No.
B.Tech (2021)		
04.	AMITH AJITH	131701003
05.	ANTONY POULOSE	131701005
06.	ARAVIND KRISHNAN	131701006
07.	ARJUN K VIKRAM	131701007
08.	DIVYANSH KHARE	131701009
09.	GOPU KRISHNAN M	131701012
10.	HARSH RAJ	131701013
11.	KAPIL RAJ MEENA	131701016
12.	NELLIPUDI POOJITHA REDDY	131701018
13.	NITIN VISHWAKARMA	131701019
14.	PALLA RIMO RITHWIK	131701020
15.	PEDDIREDDY SAI SATHWIK	131701021
16.	RAJAN BIND	131701023
17.	ROYYALA BENHAR	131701024
18.	WAKCHAURE SHUBHAM BALASAHEB	131701026
19.	SHYAM KRISHNA M	131701028
20.	SUSHIL KUMAR	131701029
21.	ABHINAV KUMAR SINGH	131701031
22.	ALFRED ANTONY	131701032
23.	SAKRE OMKAR SANJAY	131701033





Convocation Pledge



We, the graduates of the Indian Institute of Technology Palakkad, on our graduation day today, hereby pledge that we shall always remain honest in our thoughts, deeds and discharge of duties.

We shall always maintain the integrity of our alma mater and uphold the dignity of our profession.

We shall utilize our knowledge, skills and experience to the best of our abilities in order to contribute to the progress of our Nation and to the service of humanity at large.



Congratulations!

Batch 2020 & Batch 2021







<https://iitpkd.ac.in/>