ANNUAL REPORT OF JYOTHI ENGINEERING COLLEGE

FOR THE ACADEMIC YEAR 2022-23

President of the function, Fr. Thomas Kakkassery, Executive Manager, Jyothi Engineering College, Chief Guest, Shri. V. R. Krishna Teja IAS, District Collector, Thrissur, other dignitaries on and off the dais, dear colleagues and my dear students.

I feel honored and privileged to present the annual report of Jyothi Engineering College for the academic year 2022-23.

I am very glad to state that Jyothi Engineering College is one of the engineering colleges in the state that is accredited both by NAAC and NBA. Five of our UG programmes are accredited by NBA and in the re-accreditation process of NAAC, Jyothi secured grade 'A'.

Jyothi Family

Jyothi Engineering College maintains high standards of education with emphasis on holistic excellence by providing good academic facilities, employing highly qualified and experienced faculty members and creating an ambience conducive for quality education to fulfill our motto "Creating Technology Leaders of Tomorrow". Presently we offer 8 under graduate BTech programmes with an annual intake of 510 students and 5 post graduate MTech programmes with an annual intake of 42 and PhD programmes. As of now we have 1491 students, 134 well qualified faculty members & 59 non-teaching staff on the roll.

PTA

The Parent Teacher Association of Jyothi Engineering College is very active and plays a vital role in creating a well-disciplined environment inside the campus. Adv. Biju Kundukulam and Mrs. Hairunnissa Khader were elected as the PTA President & Vice President respectively, and their team frequently interacts with the institution for its smooth functioning. They have instituted cash awards and endowments for needy meritorious students.

Academic Activities

This academic year also there has been a steady improvement in all areas including infrastructure, academics, extra-curricular activities and placements in our college. The Induction ceremony of the 21st batch of BTech aspirants and 11th batch of MTech aspirants was held on 25th October 2022.

15th Graduation Ceremony was conducted on 13th August 2022, Prof. P. B. Sunil Kumar, Director, IIT Palakkad was the chief guest of the function.

16th Graduation Ceremony on 3rd September 2022, Dr. Saji Gopinath, Vice Chancellor, Kerala University of Digital Science, Innovation and Technology was the chief guest of the function.

17th Graduation Ceremony on 8th October 2022, Dr. Sabu Thomas, Vice Chancellor, Mahatma Gandhi University, Kerala was the chief guest of the function.
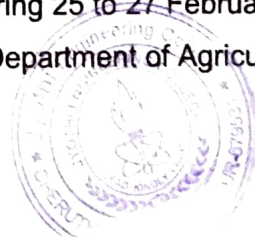

College Union was inaugurated on 2nd December 2022.

The final round of Astra Jyothi - All Kerala Quiz competition for Higher Secondary School Students was conducted on 7th January 2022.

Mr. Rajeev Chandrasekhar, Union Minister of State for Electronics, Information Technology, Skill Development and Entrepreneurship visited our college on 3rd December 2022 and conducted an interactive session with the faculty members and the students. He also inaugurated the "Centre of Excellence" of the Mechatronics department.

THARANG 2023' – was conducted on 31st March & 1st April 2023.

Navneeth Nalesh & Devadath P. R. (2020-2024 Batch RA) and Amal Shibu & Sidharth S. (2019-2023 CSE) won 1st Prize in College Category and Nice Menachery, Sukesh O. P. (AP, ME Dept.), & Arjun K. M. (S4 MTech), Kishor V. & Sidharth R. (S6 Mech.) won 3rd prize in Open Category at VAIGA Agri Hack 23 conducted during 25 to 27 February 2023 at College of Agriculture, Vellayani, Thiruvananthapuram by the Department of Agriculture Development and Farmers' Welfare.

Ajin K. J. (2019-2023 MR) secured ISTE best student award for the year 2022-23. He won First Prize in Idea Pitching Contest Scale up in the IEDC Summit 2023 conducted on March 4th and received prize money of Rs. 50000/- He received a funding of Rs. 75,000/- in Idea fest 22 hosted by Kerala StartUp Mission & IEDC for the project "Immersify". He was also the Runner up in 4 days Sustainability Hackathon-2 as part of CISCO Thing Qbator. He also

won 2nd prize of Lite Bytes Hackathon on 24 & 25 November 2022, conducted by Government Engineering College, Thrissur.

Jyothi was the winners at DEKATHON 2022 held at Chengannur. The team of Arjun K. M. (S3 MTech), Kishor V. (S5 ME), Navneeth Nalesh, Aswin K. D. (S5 RA) grabbed the first position with Cash prize of Rs. 40,000/- at Indo-Malaysian Hackathon on "Process and Product Design" from 16th - 18th November 2022 at St. Thomas college of Engineering and Technology.

Also, they are eligible for an eight day fully sponsored internship at UITM University, Malaysia. The project was focused on the disposal of adult and baby diapers.

Team Tinker Bytes (Sidharth S. Unnithan S7 CSE B , Ajin K. J. and Mr. Benat Jose S7 MR) won 2nd prize in 24-hrs hackathon Lite Bytes conducted by IEDC GECT, Sidbi and Swavalambhan Chair For MSME Solutions on 24th and 25th Nov, 2022 at Government Engineering College, Thrissur.

Team of Sandra and Sreelakshmi Sudheer (2020-24 AD) have secured runner-up of the IPL Hackathon organized by KSUM at IEDC summit 2022. The team received an amount of Rs. 10,000/- as cash prize.

Students' Team "Trojan Horse" with Deo Saju, Mariya Rose Thayil and Nazish Mohammad (S7 CSE) won second prize worth Rs. 10,000/- in the Magnathon, 24 Hour National Level Hackathon conducted at College of Engineering, Vadakara (2022).

Let me list out some students and staff achievements during this academic year.

Dance team of Jyothi [J SQUAD] has been selected for the finals of INDIA HIP HOP DANCE CHAMPIONSHIP at Mumbai, from RAGAM-23, Cultural fest conducted by NIT Calicut. Similarly, Sreelakshmi Sudheer of S6, AD has secured Third place in solo dance competition "Taal Pe Taal" as a part of the same programme.

J SQUAD, Jyothi dance team secured second prize in dance fest conducted by Kerala Agricultural University, Thavanur as a part of Tech fest " INFINITY"

Sidhil, student of S5 CE was selected into university team for APJAKTU in all over inter university games 2022-23

Ageto Sunny from CSE S3-A was selected into the APJAKTU Volleyball team for inter University tournament 2022-23.

Andrea Sunny from CSE S3-A got selected to the APJAKTU Basketball team for inter University tournament 2022-23.

Al Amthan (1st year AD), has secured Gold Medal (KATA), and Silver Medal (KUMITE) in the 2022-23 Kerala State Karate Championship. He was the Gold Medalist in the APJ Abdul Kalam Technological University inter-zone karate championship 2022-23 (KATA & KUMITE).

Al Amthan was also selected to the APJ Abdul Kalam Technological University karate team for the all India inter-university karate championships 2022–23.

George Martin (1st year EEE) has been included to the APJ Abdul Kalam Technological University Netball team for the 2022-23 all India Inter-University Netball Championship.

Arun K. Nair, Student of CSE S3-A, was selected as the 'Campus Mantri' by GeeksforGeeks for the year 2022-23.

Adarsh S., Alex Davy, English Shaju and Bijoy Joshy published a patent titled "BIOCOMPATIBLE SUPERSTRATE BASED IMPLANTABLE MICROSTRIP ANTENNA" on 30/12/2022.

Students of 2019-23 batch conducted a workshop on the topic "Developing protype using embedded system" at Sarvodayam Vocational Higher Secondary School, Aryanpadam, Thrissur. The resource persons were Chriswin Lingson, David Joseph and Gokul P.

The Department of Agriculture Development and Farmers Welfare, Government of Kerala, has nominated Aswathy Wilson, Asst. Professor, CSE Dept., to be a member of the judging panel for VAIGA Agri Hack 23, the city's largest agricultural hackathon.

Dr. Saju P. John, HOD, CSE Dept. has been nominated as a Governing Body Member of the Mar Baselios Christian College of Engineering and Technology, Peermade.

Sonia Joseph, Asst. Prof., CSE Dept. has been qualified for the UGC NET exam in 2022.

Dr. Gaswin Kastro G., Asst. Prof., ECE Dept. published a patent titled "Biocompatible Superstrate Based Implantable Microstrip Antenna" on 30/12/2022

Jithin K. Jose, Asst. Prof., EEE department has been selected as the Joint Secretary of IEEE-IA/IE/PELS Joint Chapter Kerala Section for the year 2023. He was also selected to the Membership Development Committe, IEEE-Kerala Section for the year 2023.

Condolences

The Jyothi family conveyed heartfelt condolences on the sudden demises of Girish C. and Babu K. R., Trade Instructors, ME department and Amal Krishna, S8 Mechatronics.

Conclusion

It is rewarding to see a team of faculty members dedicated to delivering quality education; staff that is committed to excellence; a student body that is motivated and focused on achievement; and extraordinarily generous donors.

We are proud on the progress made this year by the entire Jyothi Engineering College community and confident that we will experience the kind of success in the coming years which will reflect upon our core values.

Thank you all for your continued support in making Jyothi Engineering College a centre of excellence in the higher education sector.

Principal