

KONGU ENGINEERING COLLEGE
(Autonomous)
PERUNDURAI, ERODE - 638 060

ANNUAL REPORT (18.08.2021)

2020-2021

Respected President of the 37th Annual Day function of Kongu Engineering College and President of The Kongu Vellalar Institute of Technology Trust, Thiru. V. K. Muthusamy, Respected Secretary of the KVIT Trust Thiru. P. C. Palanisamy, Respected Treasurer of the KVIT Trust Thiru. E. R. Kaarthikeyan, Respected Correspondent of Kongu Engineering College and Kongu School of Architecture Thiru. P. Sachithanandan, Respected Correspondents of Kongu Polytechnic College, Kongu Arts & Science College and Kongu National Matriculation Higher Secondary School, respected Trustees, Principals of sister Institutions, Deans, Heads of various Departments, Faculty Members, Staff, my dear Students, Parents, Invitees, Media persons, Ladies and Gentlemen. Good evening to every one of you. On behalf of Kongu Engineering College and on my own behalf, I extend a warm and cordial welcome to all of you on the occasion of the 37th Annual Day celebrations of this great Institution.

The Academic year, 2020-2021 has been very challenging for Educational institutions. The World Health Organization has declared Covid-19 as a pandemic that has posed a contemporary threat to humanity during March 2019. This pandemic has forced global shutdown of several activities, including educational activities and this has resulted in migration of Educational institutions into online education platform. Kongu Engineering College is meticulously handling this scenario and providing quality education to the students through online mode with teaching-learning efficacy as good as in class room teaching. The college witnessed many milestones in terms of achievements in Academics, Co-Curricular activities, Research & Development and consultancy activities. These achievements further enhanced and improved the quality of education and contributed to the over-all development of the students. I feel proud and privileged to present to you a brief report of the activities and achievements of the college during the academic year 2020-2021.

1.0. The College

Kongu Engineering College, an institution of academic excellence was established by the Kongu Vellalar Institute of Technology Trust in 1984 by 41 philanthropists with an aim to provide value based quality education to young aspirants of this region and impart technical and managerial skills of a higher magnitude to meet the growing needs of the

society. Starting with a modest annual intake of 180 students, the College has grown to induct an annual intake of **2202** students at present. The total number of students on roll is **6277 including 371 Research scholars**. Out of the total student strength, **4685** are men and **1592** are women. The present faculty strength is 523 of which 234 are women. **250** faculty are Ph.D. holders. In addition, 435 supporting staff are working in our institution.

1.1. Programmes of Study

The college offers 14 B.E./B.Tech. programmes in Engineering, 3 B.Sc. programmes, 15 Master Degree programmes and 16 Ph.D programmes with a total intake of 2202 students.

1.2. Merger, Reduction in intake and Closure of courses:

The standalone MCA and MBA programmes were merged with Kongu Engineering College and approved by AICTE and Anna University from this academic year 2020-21.

The reduction of intake and closure of the following ME/MTech courses have been approved by AICTE and Anna University from this year 2020-21:

Sl.	Name of the Course	Reduction of Seats / Closure
1.	M.E. Construction Engineering and Management	18 to 6
2.	M.E. Engineering Design	25 to 6
3.	M.E. Mechatronics	18 to 6
4.	M.E. VLSI Design	18 to 6
5.	M.E. Embedded Systems	18 to 6
6.	M.E. Computer Science and Engineering	25 to 12
7.	M.Tech. Information Technology	18 to 6
8.	M.E. Power Electronics and Drives	18 to 6
9.	M.E. Control and Instrumentation	18 to 6
10.	M.Tech. Chemical Engineering	18 to 6
11.	M.E. CAD /CAM	Closure
12.	M.E. Communication Systems	Closure
13.	M.Tech Information Technology (Information and Cyberwarfare)	Closure
14.	M.E. Applied Electronics	Closure

1.3. Infrastructure facilities

Buildings and facilities

The college is spread over 167 acres of land. At present, the total built-up area of the institution is 22.45 Lakh Sq.ft. The college has excellent state-of-the-art infrastructure facilities that include exclusive air-conditioned seminar and conference halls in each department, 200 classrooms, 129 state-of-the-art laboratories and all other allied facilities.

The college also has to its credit an impressive array of industry sponsored laboratories which include C-DAC - IoT Lab, Free scale Lab, Texas Instruments - DSP lab, CTS Open sources lab and Motorola wireless lab.

The whole campus has excellent IT infrastructure with connectivity through OFC and Wi-Fi in all buildings supported by 20 servers and 2853 computers. An internet connection with 1 Gbps leased line is available. In addition, Audio-video conferencing facilities and effective firewall provisions are in place.

200 kW Solar power plant was installed in addition to the existing **480 kW Solar Power plant**.

An air-conditioned central library, with 35,370 sq.ft space, and departmental libraries together have a stock of more than one lakh books and journals. During this year, 1340 books were added at a cost of Rs.14.31 lakh in addition to the renewal of e-resources and journals.

The college has extensive Sports facilities that include indoor and outdoor stadia and a big 8 acre outdoor playground that provides ample opportunities for the athletes and players for regular practice. The play ground has a 400 mts. Track, Football & Hockey ground, 2 Basketball courts, 2 Volleyball Courts, 2 Tennis Courts, Ball Badminton court and Kabaddi court with flood light facility. A shooting range is also available. The Indoor stadium provides necessary facilities for Badminton, Table Tennis and also has a multi gym.

Other major facilities available in the college include the Kongu Convention Centre which is a fully air-conditioned auditorium with a seating capacity of 4500; another air conditioned auditorium with a seating capacity of 600+, separate air-conditioned seminar halls (13) in various departments and a Food Court.

Modern residential facilities on campus accommodate around 3140 Boys and 1750 Girls. 61 teaching and 66 non teaching staff are provided accommodation in the staff Quarters.

Transport: The institution has 83 buses to transport members of faculty, staff and students covering a radial distance of 60 km.

Power: Un-interrupted power supply has been ensured with captive power generation of 3250 kVA from diesel generators and 680 kW from solar photovoltaic units.

Water: 24 hour water supply and treated drinking water is provided on the campus.

Dispensary: Two doctors, a staff nurse and an attendant are available to provide health care to the students, faculty and staff. Two Ambulances are made available 24 X 7 to cater to the emergency needs.

Development of New Laboratories and purchase of Equipment

This year, the Management has spent **Rs.40.15 lakh** for purchase of equipments and establishment of new laboratories.

Establishment of Centres of Excellence:

The following Centres of Excellence have been established during 2020-21

1. Centre of Excellence on Smart Electrical and Building Automation, Supported by M/s. Schneider Electric Bangalore. Total Investment Rs. 38.5 lakhs.
2. Centre of Excellence on Robotics and Automation, Supported by M/s.Fanuc India Private Limited, Bangalore. Total Investment Rs. 37.58 lakhs.
3. Centre of Excellence on Energy Studies, Supported by Fluke Corporation, Coimbatore. Total Investment Rs. 35.17 lakhs
4. Centre of Excellence on Data Sciences, supported by Nvidia, Total Investment Rs. 13.12 lakhs
5. Centre of Excellence on CAD/CAM, supported by Macbro, Total investment Rs. 5.00 lakhs
6. Centre of Excellence on VLSI, supported by M/s. TESSOLVE, Bangalore – Discussion in progress.

2.0. Awards and Recognitions

- Kongu Engineering College was ranked 135th in Engineering Category in India Ranking 2020 under National Institutional Ranking Framework (NIRF), MHRD, Govt. of India
- Categorized as 'Band A' institution (rank between 06-25) in the category of 'Private or Self- Financed College / Institutes in ARIIA 2020
- India Today, July 2020 has ranked our institute at.
 - 9th Position in Self Financing Colleges in Tamilnadu
 - 77th Position among top Engineering Colleges in India
- Outlook , September 2020 has ranked our institute at
 - 38th position at all India level (including IIT's and NIT's) and 4th Position in Self Financing Colleges in Tamilnadu
- KEC graded AAAA by Career 360 magazine (September 2020)

- The Competition Success Review(CSR), June, 2020
 - 2nd Position in Top Engineering Colleges of Super Excellence.
 - 5th Position among Self Financing Engineering Colleges in Tamilnadu
 - 9th position in Placements, USP, Social Responsibility, Networking & Industry Interface Category in Top 25 Engineering Colleges.
 - 9th Position in Faculty, Research, Consultancy, EDP and Other Programmes Category in Top 25 Engineering Colleges.
- The Week, August 2020
 - 2nd Position among Best Self Financing Engineering Colleges in Tamil Nadu
 - 14th Position among Best Private Engineering Colleges in South Zone
 - 27th Position among Best Private Engineering Colleges in India
 - 56th Position among Best Engineering Colleges in India (Including IITs, NITs, Govt., Private Universities, Govt., Govt Aided and Self Financing Engineering Colleges)
- MGNCRE in Ministry of Human Resource Development in Govt. of India recognizes Kongu Engineering College as **Green Institutional Mentor Award** for the Exemplary performance in Campus water and sanitation management. The award was received in the National conference on water on 22nd March 2020 at Administrative Staff College of India, Hyderabad.
- KEC was recognized as Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) institution by Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education, Government of India on 29.08.2020.
- KEC received Certificate from Ministry of Youth Affairs and Sports, Government of India, for the successfully organizing The Fit India Freedom Run from 15th August to 2nd October, 2020.
- KEC BE Civil Engineering students won the Toycathon 2021 contest conducted by Ministry of Education innovation Cell with support from AICTE, Ministry of Women and Child Development, Ministry of Commerce and Industry, Ministry of MSME, Ministry of Textiles and Ministry of Information and Technology.
- KEC American Concrete Institute student chapter was recognized as Excellent University for American Concrete Institute student chapter activities for the year 2021 from American Concrete Institute, USA. Consecutively third time we are receiving this award from American Concrete Institute, USA

3.0. Supporting facilities

3.1. KEC - TBI (Technology Business Incubator):

Technology Business Incubator @ Kongu Engineering College is in operation for the last 17 years now. It was established with the grant-in-aid and support from Department of Science and Technology (DST), Government of India in the year 2004 at a total project cost of Rs.3.95 crore.

- **Incubation Activities:**

- **Incubatees**

This year, **14 new startups** have enrolled and are availing incubation support of TBI@KEC. **Currently, 22 incubatees are developing their products.** Since inception, **TBI has supported 92 incubatees (out of which 23 are our alumni and 1 staff Startup) who have developed 93 products** in our TBI and launched them in market.

- **Interns**

At present 28 students of KEC are working as interns (either fulltime or part-time) with 5 incubatees at TBI in developing various products and services in the emerging technology areas, catering to the industrial and societal needs. Cumulatively, **244 students have worked as interns** in TBI since inception.

- **Funding support**

During this year;

- Under the **NSTEDB-SSS** Scheme, **2 young innovators** have been **sanctioned total of Rs.51 lakhs (as soft loan) to scale up their Startup.**
- Under the **PRAYAS** Scheme, **12** (4 young innovators and 8 early stage startups) have been **sanctioned total of Rs.100 lakhs (as grant) to convert idea into prototype.**
- Under the **EDII GoTN – IVP** (Innovation Voucher Programme), **5 SMEs** have been **sanctioned total of Rs.9.94 lakhs (as grant) under Voucher A.** As expert / mentor, **6 of our Faculty are assisting the SMEs** for their product development.

Since its inception, TBI has sanctioned (soft loan / grant) **Rs.631 lakhs as seed funding to 53 beneficiaries** (out of which 11 are our alumni) for the development of products.

- **Nurturing Entrepreneurship**

- **FDP on Entrepreneurship (1st to 13th Feb 2021):**

TBI@KEC along with EMDC has conducted **one – 2 weeks** online **"Faculty Development Programme on Entrepreneurship"** for **18 faculty** from **12 institutions across TamilNadu**. As on date, **12 FDPs** have been conducted and nearly **308 faculty** got benefited who are now nurturing and inculcating entrepreneurial spirit among students.

- **State level Idea Contest**

Virtual - "Startup Mania 5.0 2021" idea contest for students and other innovators has been organized by **TBI@KEC** jointly with **CII-Yi Erode Chapter** and **NAN|NLF Erode Chapter**. About **102 ideas** were received under **"student innovators"** category from **37 colleges** in **11 districts**. Around **35 entries** were received under **"other innovators"** category from **13 districts across TamilNadu**. **19 entries** were received under **Accessibility innovators category** from **7 States across India**. **Winners** under three category were awarded a total cash prize of **Rs.1.3 lakhs** sponsored by EDII, TN. **An award with cash prize of Rs.30,000/- was won by KEC Student** under **"student innovators"** category.

- **Awareness on Innovation & Entrepreneurship and TBI & Fund Support:**

- Online **BIRAC BiG Grant Awareness session** along with IIT-M HTIC held on 26.02.2021 (Faculty 25 Nos | Student 37 Nos)
- **KASC Students** (40 Students & 3 Faculty Members) **visited TBI** Facility on 11.03.21
- A **Virtual Session** "Role of TBI in supporting / promoting entrepreneurship" **to 25 potential women entrepreneurs** as part of 4 weeks WEDP – DST Sponsored programme conducted by Vivekananda College of Engineering For Women, Tiruchengode on 16.03.2021.
- **Virtual Session** on TBI support to **50 students of JKK Nattraja Dental College and Hospital** on 26.03.2021
- **2 Virtual Session** "Role of TBI in supporting / promoting entrepreneurship" **to 60 potential women entrepreneurs** as part of 4 weeks WEDP – DST Sponsored programme conducted by PKR Arts, Gobi on 21st & 22nd April'21.

- **MoU & Association:**

For creating pipeline for incubation – TBI was associated as

- **Incubation Partner** for the **KPIT Sparkle 2021** – national level engineering students innovation contest

- **Incubation Partner with Abhyuday – IIT-B** for Social Action Plan Competition
- **Ecosystem Partner with STARABLE** a special care initiatives accelerating the efforts of innovators and solution providers

For supporting incubates of TBI – TBI signed MoU with

- **Campus Fund** (Sach Advisors Pvt. Ltd.) **for student startup funding.**
- **Native Lead Foundation**, Madurai **for awareness, funding, mentoring etc.**
- **MathWorks** under Accelerator and Startup Programs **for access to MATLAB & Simulink**
- **100x.VC**, Mumbai **for follow-on funding** to startups.

○ **Awards& Recognition:**

- Prayasee – Viva Health – won Nitte Healthcare Hackathon with cash prize of Rs.50,000/- on 27.03.2021
- Prayasee – Suraj Mohan – won 1st prize in Falling Walls Lab India 2020 and won 2nd prize with 300 Euro in Innovation week 2020 pitch Competition.
- Prayasee – Agnicart – Got Selected in StartupTN - S2G Sandbox with order worth Rs.5 lakhs
- Prayasee – HiPer Automotive, Selected in 1st Cohort of Mahindra & Mahindra – Catapult (Mobility Sector's initiative program for 3 months) and in 13th Cohort of JioGenNext accelerator.

13 out of 30 PRAYASEEs have **got DPIIT Startup Certificate** and **1 got** Inter Ministerial Board (IMB) **approval for TAX Exemption.** Totally **9 patents** and **3 Design** have been **granted** out of 23 filed. **17 Awards** were **won by Incubatees.**

3.2. Industry - Institute Partnership Cell (IIP Cell):

The Industry - Institute partnership Cell established with a grant-in-aid from All India Council for Technical Education (AICTE) in 2002 has been performing very well.

This year, IIP Cell conducted 12 training programmes for the benefit of industries; they have also taken up consultancy services, Energy Auditing, Testing assignments and generated a total revenue of Rs. 31.26 Lakhs for this academic year.

The college has six certified Energy Auditors and two Energy Manager extending their expertise to the nearby industries.

3.3. KONGU Community Radio Services (CRS) - (90.4.MHz)

A FM Community Radio service with grant-in-aid from Ministry of Communications, Government of India was established in the year 2004. The Service covers an area of 15

k.m. radius around. Kongu Engineering College is serving the society by broadcasting need-based programmes relating to Education, Health and Hygiene, Environment, Weather, Agriculture, Animal Welfare, Market trends and other information relating to rural and community development.

Kongu CRS has been continually evolving new procedures for the production of innovative programmes for the development of the Community and also by actively involving Faculty & Students. The special highlight is that 50% of the programmes are produced involving Community People.

3.4. Entrepreneur Management Development Cell

This cell has been established with a grant of Rs.7 Lakh from AICTE to propagate entrepreneurship as a viable career and to provide training in entrepreneurial and management skills to students. This year EMDC has completed the 12 activities.

3.5. Higher Education Cell and Competitive Examination Cell

In this academic year, 2020-21, **27** Programmes were conducted during this academic year. In toto, **2,379** students participated in the webinars /events organized by this cell. **Mr.S.Saravanan, IAS, Sub Collector, Kanchipuram, Mr. Damodaran, IRS Deputy Director, Directorate of GST Intelligence and Investigations, Mr.M.Karthikeyan, Special Govt. Pleader, Madras High Court, Chennai, Ms. T. Uma, IFS, Deputy Secretary, United Nations Economic & Social Division, Ministry of External Affairs** were some of the experts who delivered special talks on the importance on Civil Services and Higher Studies to our students

Apart from the above, **08** coaching classes are being conducted for the benefit of our students (**704 nos.**) on **CAT, GATE, GRE and IELTS in association with TIME Institute, Erode, Princeton Review, Aram IAS Academy.**

This year, **123** students participated in various higher education and competitive examinations, out of which **45** have qualified.

Performance in GATE & TANCET Examination: 2 Students qualified for the GATE examination 2020 & **35** Students qualified for the TANCET examination 2021.

Students opted for Higher Education Abroad: 09 Students got admission in Various Universities abroad like **UNIVERSITY OF TEXAS, DALLAS, COVENTRY UNIVERSITY, ENGLAND, UNIVERSITY OF STUTTGART,**

GERMANY, UNIVERSITY OF LEEDS, UNITED KINGDOM (UK), HOCH SCOULE BONN-REIGU SEIGH UNIVERSITY, GERMANY.

3.6. Institution Innovation Council – KEC (IIC@KEC)

MHRD’s Innovation Cell (MIC) focuses on creating complete ecosystem by fostering Innovation culture across educational institutions. The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes, during their informative years. The final aim is to end up with pre-incubation, incubation and graduating the incubator as successful start-ups. In this context, according to the schedule proposed by the MIC, our Institution Innovation Council – KEC (IIC@KEC) has successfully completed the following events for the academic year 2020-21

S.No	Type	Title	Conducted Date
1	Review Meeting	IIC Council Meeting- Review of Q2 progress and Planning of Q3.	30 th January 2021
2	Workshop	Workshop on Prototype/Process Design and Development – Prototyping	18 th February 2021 to 6 th March 2021
3	Workshop	Session/ Workshop on Business Model Canvas (BMC)	20 th February 2021 (10:00 AM – 12:30 PM)
4	Online Session	Orientation session for all students & faculties of Institute by Innovation Ambassador(s).	28 th March 2021 (5:30 PM – 7:30 PM)
5	Workshop by Local Expert	Business Plan/ Prototype Competition to Invite Innovative Business Models from Students	31 st March 2021 (09:30 AM - 01:00 PM)
6	Leadership Talk	E-HORIZON	3 rd February 2021 to 12 th February 2021
7	Online Session	One day Session on “How to plan for Start-up and legal and Ethical Steps”	25 th February 2021 (6:30 PM – 8:00 PM)
8	Online Session	One Day Awareness Session on IPR & IP Management for Innovation and Start-ups	13 th March 2021 (3:00 PM – 4:00 PM & 6:00 PM – 7:00 PM)
9	Competition	IIC Council Meeting- Review of Q3 progress and Planning of Q4	1 st April 2021
10	Online Session	Session on Prototype Validation - Converting Prototype into a Startup	29 th March 2021 (6:00 PM – 7:30 PM)
11	Online Session	Session on Accelerator/ Incubation - Opportunity for Student and Faculty	1 st April 2021 (6:00 PM – 7:00 PM)
12	Online Session	Session on “Lean Start-up & Minimum Viable Product/ Business”- Boot Camp	10 th April 2021 (9:30 AM – 10:30 AM)
13	Online Session	Session on “Angel Investment/ VC Funding Opportunity for Early Stage Entrepreneurs”	16 th April 2021 (6:00 PM – 7:00 PM)
14	Online Session	Session on “Building an Innovation/ product fit for market”	23 rd April 2021 (6:00 PM – 7:00 PM)
15	Leadership Talk	“From your Ph.D./ Master’s Thesis to a start-up”	23 rd April 2021 (11:00 AM)
16	Leadership Talk	World IP day session: “Why IP is important in academia? “	26 th April 2021 (3:00 PM – 4:00 PM)
17	Online Session	Roadmap to Machine learning algorithms for project development	10 th May 2021 (5:00 PM – 6:00 PM)
18	Online Session	Financial Education Programme	22 nd March 2021 (6:00 PM – 7:00 PM)

3.7. Women Development Cell

The main objective of the cell is to create an environment for overall development of women faculty and students and to enable them to realize their full potential.

During this academic year, 8 programmes were organized. **Ms. Dhakshina Gowri**, **Alumni of KEC**, **Mrs. Geetha Manivannan**, Founder of "Sri AmruthaVarshini Veda Vidya Peetam", **K.P.Sivarithanya**, **Prof.M.Gnanajothi (Retd)** delivered lectures on various topics and **Ms.Deepshika**, Deputy HR Operations, Manager PepsiCo, deliver special lecture on Women's Day Celebration (SHRISTI 2K21).

3.8. CII – Young Indians(Yi) KEC Students Net

The main objective of the cell is to create a bridge, a platform for the students to work in cross functional teams with a broad objective of giving back to them.

During academic year 2020-21, the following programme (Webinar) have been organized to the students of KEC

- Business in Covid Times' by **Mr Sharad Rajaram** Regional Business Head, **Titan Company Ltd**, on 14.7.2021
- "Scale-up Your Skills" by **Mr Roy Joseph** CHRO, **Solara Active Pharma Sciences Ltd**, Chennai on 18.7.2021
- "Digital Presence : Build Your Personal Brand" **Ms. Swarna Sudha Selvaraj**, Head – Talent Management, **Tata Consultancy Services**, London 25.07.2020
- "Up-skilling and Re-skilling are need of the hour – A BFSI Industry Approach" by **Ms Chandralekha Chauduri**, National Head –Talent Acquisition, **Ujjivan Small Finance Bank Ltd.**, Bengaluru 08.08.2020
- "Role of SIDBI in Entrepreneurship Development" by **Smt. Chitra K Alai**, Regional Head - TN & Kerala, **Small Industries Development Bank of India (SIDBI)**, Chennai on 19.9.2020
- "Post Covid Challenges & Opportunities in Indian Dairy Industry - Marketing Perspective" by **Dr. K. Rathinam**, CEO, **Milky Mist Food Pvt. Ltd**, Erode on 26.09.2020
- "Why MBA" **Mr. Janakiraman**, Vice President **Kotak Mahindra Bank**, Chennai on 12.12.2020(10.30AM)
- " Skill set for getting job in the Financial Services industry" by **Mr V. Balaji**, Assistant Vice President , **Nippon India Mutual Fund AMC** ,Chennai (3.30 p.m.) on 12.12.2020
- "Expectation and realities of a Marketing Career" by **Malathi Srinivasan**, Lead - Product Marketing, **IBM** and **Mr. Milind M Tapaswi**, Leader - Marketing Communicat **IBM** on 19.12.2020

- “Kathik’s Kuttu Story : A Journey Towards Career” **G Karthikeyan, Business Officer, Unibic Foods India Pvt. Ltd., Bangalore** 19.3.2021

3.9. KEC- ALUMNI Association

The Alumni of KEC have taken up the responsibility in teaming up with our institution to make KEC a “Centre of Excellence”. Every department invites its Alumni for Boards of Studies and various guest lectures. Alumni chapters at Erode, Chennai, Bangalore, Coimbatore, North America and UK,. are functioning well. During this challenging Pandemic tenure the contribution of alumni through online webinars, meets and mentorship is highly commendable. The details of the activities are:

- Total Number of Webinars: 133
- Total Number of Online virtual meets: 21
- Total Number of Internships offered: 24
- Total Number of Mentoring: 151
- Total Number of Alumni Registered: 35,218

3.10. National Cadet Corps (NCC) Army wing-Infantry

A full – fledged NCC Wing has been established in our College. It conducted 25 programs during 2020 – 2021 along with the Special Camps attended. Some of the important events are highlighted here:

- Felicitation program to Col Henry j Robert on 23.07.2020.
- Kargil Vijay Diwas competition on 26.07.2020.
- FIT India campaign on 12.09.2020.
- Webinar on New Education Policy on 14.10.2020.
- World student's Day Competition 15.10.2020.
- Webinar on Role of citizens in Indian constitution on 11.11.2020.
- Flag Day celebration 2020 on 07.12.2020.
- Webinar on Indian National army and its role during freedom struggle on 23.01.2021.
- Social Service and Community Development Activity Vellode on 13.03.2021.

3.11. National Service Scheme (NSS)

26 programmes were organized during the academic year 2020-21. Some of the significant ones are as follows:

- Organized a programme named “Natro’20” during 07.05.2020 to 10.05.2020 to reveal various talents of the students.

- Conducted an awareness talk about COVID-19 on 12.06.2020
- Conducted a webinar named “Mental Health and Handling the Pandemic” to give mental relief during this situation on 21.06.2020.
- Conducted a Debate Event on behalf of NSS Day Celebration on 24.09.2020
- Organized a Sapling Plantation Event on 11.10.2020 at Periya Gurunatha Swamy Kovil, Puravipalayam, Anthiyur.
- Conducted a Photography Event about “Feed For Animals” on 14.10.2020
- Organized Webinar on Higher Education and Job Opportunities in Abroad on 26.10.2020
- Conducted a Speech about Eco-Friendly Diwali to Keep the Environment Clean on 13.11.2020
- Organized an Idea Talk about the View of an Engineer on 26.11.2020
- Organized an event named “Responsibilities of People in Controlling Pollution” for National Pollution Control Day on 30.11.2020
- Conducted an event named “Paper Bag Making” on 01.03.2021
- Organized a programme named “Natro’21” during 24.02.2021 to 28.02.2021 to reveal various talents of the students.
- Organized an Aadhar Camp in collaboration with Postal Department on 04.03.2021 and 05.03.2021
- Organized a “Postal Life Insurance Scheme” about Postal Life Insurance scheme for faculty on 15.03.2021
- Blood donation camp conducted on 18.03.2021
- Campus Cleaning Programme was organized on 21.03.2021
- Organized an event named “Plastic Free Globe” on 03.04.2021 and 04.04.2021
- Conducted an awareness event named “Covid Crises” on 01.05.2021

3.12. Yoga and Meditation Centre

A healthy mind in a healthy body makes a person perfect. In order to keep the mind and body healthy, Yoga training is organized in our college. All the I year B.E./B.Tech students regularly attend the programme and willing senior students also join the training. Two meditation halls are available for practice. A yoga teacher is available for training.

3.13. Clubs and Cells

The following clubs and cells are functioning in the college for the benefit of students and to help them acquire additional skills.

- Aero Modelling Club
- Android Application Development Club

- Citizen Consumer Club
- Computer Society of India
- Cultural Club
- English Proficiency Club
- Human Resource development Cell (HRDC)
- ICT Academy of Tamilnadu
- IEEE (USA) Student Branch
- IETE Erode Centre (C/O) Kongu Engineering College
- IETE Student Forum (ISF)
- Indian Institute of Chemical Engineers
- Institution of Engineers (India)
- Instrument Society of India (ISol)
- ISO
- ISTE Chapter
- Legal Literacy Club
- Photography Club
- Publication Cell
- Radio Control (RC) Club
- Ravi Varma Creative Club
- Red Ribbon Club
- Robotics Club
- Rotaract Club
- Self Development Cell
- Society of Automotive Engineers
- Staff Club
- Tamil Mandram
- Thoorigai

3.14. Scholarships to Students

Our Management is generous in giving incentives to students who excel in academics and sports. A total scholarship amount of **Rs. 142.29 lakh** was given as scholarship, thanks to our Management.

Academic

Fifty (50) percent tuition fee concession is given to the top 5% students in each class. AICTE Tuition fee waiver scheme has been implemented for the students. 25 Meritorious economically backward students from Government schools are admitted every year and full fee concession is provided for their studies. Who are economically backward for the entire tenure of their studies.

Sports

Free education is given to the talented students in sports and games. This year 53 students got benefitted.

3.15. Government and private Scholarship

During 2020-21, 4156 students of Kongu Engineering college received Rs. 801.58 lakh of scholarship amount from Tamilnadu State Government, Central Government and Private trusts.

3.16. Insurance

All the staff and students are covered under Accidental Insurance Scheme.

4.0. Research and Development

Fifty three (22) special lecture programmes and 35 SDP/FDP/workshops were conducted in different disciplines in emerging areas. In addition, 4 International conferences and 24 National Conferences/seminars were organized during this year.

This year, 49 of our faculty members were awarded with Ph. D. degrees. 62 scholars have completed their Ph. D. from KEC Research Centres. So far 338 scholars have completed their Ph.D. from our Research Centres.

4.1. Research Projects

A grant of **Rs.131.51 lakh** was received for 31 proposals by our faculty, from various Government funding agencies to carry out research projects and to conduct conferences, seminars and workshops. A few projects are in the pipeline.

4.2. Publication and citations:

The impact factor of KEC faculty who have published articles is given below:

Citation indices as per Google Scholar is Citation 27267, h-index 66, i10 – index 690 as on 04.08.2021.

4.3. MoU Signed

• Forty One (31) MoUs were signed / renewed during this year
Some of the significant MoUs are:

- Scotshunt (UK) Ltd, Glasgow, UK
- Thai-Nichi Institute of Technology, Bangkok, Thailand
- Universiti Tun Hussein Onn Malaysia
- Micratto Technologies, Malaysia
- Universitas Diponegoro, Indonesia
- National Highway Authority of India (NHAI)
- Larson & Turbo Limited, Mumbai.
- SIEMENS Centre of Excellence in Manuf.
- Banka Biolo Limited, Telangana
- Jet Aerospace Aviation research Centre, Palakkad
- Revoltax India Pvt Ltd, Chennai
- Power Research and Development Consultant Limited, Bangalore

- Gradskey Software Solutions, Chennai
- SF Engineering Systems, Chennai
- VEI Technologies, Chennai
- Gradskey, Chennai, Tamil Nadu
- Test and Verification India Private Ltd., Chennai
- Marlboro Engineering Works (Eureka Pumpsets) Coimbatore – 641 014
- Diya Interiors, Coimbatore
- Veetron Technologies, Coimbatore
- R.R.Thulasi Builders, Erode
- ARKtech, Automation Solutions P-ltd
- Indian High Value Pump
- Vinayaka Electro Alloys (I) Pvt.Ltd, Perundurai
- Vinpower Engineers & Associates, Erode-638001.
- Mallow Technologies Pvt Ltd, Karur-639001
- Aravind Eye Hospital, Salem
- Imarticus Learning Pvt. Ltd
- Accent Techno Soft
- Angel Starch & Food Pvt. Ltd
- Vethathiri Maharishi Institute for Spiritual and Intuitional Education , Pollachi

4.4. International Conferences organized

- ECE department organized an 11th International Conference on Computing, Communications and Networking Technologies from 01.07.2020 to 03.07.2020.
- MTS department organized the **International Virtual Conference on Robotics, Automation, Intelligent Systems and Energy (IVC-RAISE 2020)** for faculty and students on 15.12.2020.
- ECE department organized an **International Virtual Conference on Advances in Communication, Machine Learning, Embedded with Internet of Things (IVC-ACME 2021) from 09.04.2021 To 10.04.2021.**

4.5 Patent

So far 15 projects have been patented. During this academic year 52 application filed and Published.

5.0. Consultancy

This year a total amount of Rs. 26.72 lakhs was earned through 291 consultancy services, 12 training programmes for industry and energy auditing. The institution has earned Rs.3.51 Lakhs through 327 testing samples from industries.

6.0. Special programmes

6.01. KEC Alumni Association UK-EUROPE Chapter Inauguration Meet held on 18.07.2020.

6.02. Inauguration of **37th Batch of I year BE. /B. Tech programmes** on 18.11.2020. , Dr. Kavidasan, Director, Roots Industries India Ltd., Coimbatore & Secretary, Satchidananda Jothi Nikethan International School, Mettupalayam, Coimbatore was the Chief Guest.

6.03. KEC-NSS In collaboration with Postal Department organized a camp to make correction in Aadhaar Cards to and issue fresh Aadhaar cards at doorsteps from 04.03.2021 to 05.03.2021 (Total No of Beneficiaries = 108)

6.04. KEC-NSS organized Blood Donation Camp on 18.03.2021. (nearly 96 units of blood were collected).

6.05. Academic Excellence Award function

The Kongu Vellalar Institute of Technology Trust organized Academic Excellence Award Function on 19.06.2019. **Mr.Ramesh Kalyanasamy Director-Quality Engineering & Assurance Cognizant Technology Solutions** distributed an amount of 3.61 crores as Scholarship to 1426 students.

7.0. Faculty and Staff

During this year, 44 new faculty (including Adjunct Faculty 5 Nos.) and 29 non - teaching staff joined the institution and 48 faculty and 50 non teaching staff left the institution.

7.1. Staff Development and Career Planning

This year **360 faculty** members and **68 Non – teaching staff** were **deputed to different training programmes** related to their specializations. **95 faculty** were permitted to register for Ph.D. during this academic year.

901 faculty members attended various **Winter / Summer schools, SDP, and STTP**. **354** faculty members attended **International conferences and seminars** and **311** faculty members attended **National conferences and seminars**.

Our faculty members have presented **499** papers in International / National conferences and published **768** papers in International / National Journals. In addition, **33** books & **4** Manuals were also published by our faculty members

This year, **423 invited guest lectures** were delivered by our faculty members at various Institutions and Universities.

A special emphasis has been laid on Research activities at Kongu Engineering College. **This year, 49 faculty members were awarded Ph.D. degree, taking the number of Ph.D. holders in the college to 250.**

7.2 Seed Grant Research Scheme:

The college initiated and allotted Rs.50 Lakhs of grant in the name of Seed Grant Research Scheme for faculty to enhance their research ideas into projects. Around 9 projects were provided funding through Seed Grant research scheme. Total amount of **Rs. 33 lakh sanctioned by the management for this scheme.**

SEED Money Details

Sl. No.	Name of the Faculty	Department	Title of the Project	Sanctioned Amount (Rs.)
1.	Dr.S.M.Senthil	Mechanical	Design and development of a fabrication mechanism for joining aluminium alloy pipes using FSW process	2,47,500.00
2.	Dr.A.Tamilvanan	Mechanical	Investigation on the effects of light fuel fumigation on biodiesel fuelled CI engine in dual fuel mode	3,56,300.00
3.	Dr.C.Moganapriya	Mechanical	Scalable fabrication of tandem nano fibered polymer solar cell through electro spinning technique for intensified light traption	5,00,000.00
4.	Mr.T.Rajagopal	Mechanical	Experimental investigation of sploar organic rankine cycle using direct vapour generation	2,48,000.00
5.	Mr.S.Pranav	Chemical	Synthesis of diverse multifunctional tailored cage catalysts from clay minerals by controlled chemical vapor infiltration by hydrocarbon processing	4,80,000.00
6.	Dr.A.S.Periasamy Manikandan	Chemical	Experimental studies on heat transfer applications of nanofluid	4,40,000.00
7.	Dr.P.Shanmugam Mr.G.Mugaishudeen	Chemical	Process intensification using hybrid technology to treat dye waste water removal of pollutant and reduce the hardness	4,74,236.00
8.	Dr.R.Subasri	EIE	Design and development of on-line performance monitoring system for three phase induction motors	1,30,000.00
9.	Ms.K.V.Gunavathy	Physics	Investigations on the performance of doped / metal nanoparticles embedded Cu_2ZnSnS_4 sensitizer thin films grown by nebulizer assisted spray pyrolysis for solar cell applications	4,90,000.00

7.3 Awards and recognitions received by our faculty

Sl.No.	Department	Name of the Faculty	Designation	Details of the Award / Other Recognitions received by faculty with date and venue
1.	Civil Engineering	Dr.P.S.Kothai	Professor	Team Mentor- 25.12.2020- CSIR
2.	Civil Engineering	Dr.A.R.Krishnaraja	Assistant Professor (Sr.G)	Certificate of Appreciation, 25.12.2020- Ministry of Science and Technology, Ministry of Earth Sciences, Ministry of Health & Family Welfare
3.	Civil Engineering	Dr.T.Pradeep	Associate Professor	Innovative researcher and dedicated training professional, 21.02.2021- The society of innovative educationalist & scientific research professional, Chennai
4.	Civil Engineering	Mr. T.S.Mukesh	Assistant Professor	Best Paper Award- 26.03.2021- Bannari Amman Institute of Technology
5.	Mechatronics Engineering	Dr.B. Meenakshipriya	Professor	Best Paper award in IVC – RAISE 2020, KEC
6.	Mechatronics Engineering	Dr.N.Nithyavathy	Associate Professor	2020 Certificate of Membership by IEEE SIGHT
7.	Mechatronics Engineering	Dr.V.Arun Kumar	Assistant Professor (Sr.G)	E-Yantra International Finalists by IIT Bombay
8.	Mechanical	S.M.Senthil	Assistant Professor	Best Paper Award(ICMMM 2.0)/ 09-10-2020/BIT- Satyamangalam
9.	Mechanical	D.Suresh	Assistant Professor	Adarsh Vidya Saraswati Rashtriya Puraskar/ Best Teacher of the Year Award-2020,in the country /05-09-2020/ Ahmedabad
10.	Mechanical	P.C.Murugan	Associate Professor	Digital Teacher Award/04-07-2020
11.	Mechanical	P.C.Murugan	Associate Professor	Best Paper Award/ /12-12-2020/Bit- Satyamangalam
12.	Mechanical	P.C.Murugan	Associate Professor	CSIR SUMMER TRAINING PROGRAM (LOA)/ 10-08-2020/ NEIST
13.	Automobile Engineering	Dr.E.B.Priyanka	Assistant Professor	Best Paper Award
14.	Automobile Engineering	Dr.P.C.Murugan	Associate Professor	Digital TeachER
15.	Automobile Engineering	Mr.G.Manikandan	Assistant Professor	Best Paper Award
16.	EEE	Dr.S.Albert Alexander	Associate Professor	Received “INNOVATIVE RESEARCHER AWARD” (2020) from IET Kanyakumari Local Network on 26.12.2020
17.	EEE	Dr.S.Albert Alexander	Associate Professor	Received “BEST RESEARCHER AWARD” (2021) from IEEE Madras Section on 20.02.2021
18.	EEE	Major Dr PS Raghavendran	Associate Professor	Dr PS Raghavendran was awarded Director General Commendation award for his devotion to duty in the training year 20-21

Sl.No.	Department	Name of the Faculty	Designation	Details of the Award / Other Recognitions received by faculty with date and venue
19.	EEE	Dr.M.Sivachitra	Professor	Best Researcher Award - Education Excellence Conclave 2021 by Global Triumph Foundation, Bangalore On 10.04.2021
20.	EIE	Dr.S.Vijayachitra	Professor and Head	Maulana Abdul Kalam Azad Excellence Award Shikshakkalyan Foundation, Uttar Pradesh, 26.02.2021
21.	EIE	Dr.J.Indra	Associate Professor	AICTE-SPICES-GRANT - AICTE, New Delhi, 05.03.2021
22.	EIE	Dr.M.Ponni Bala	Associate Professor	Best Researcher Award Global Triumph Foundation, Bengaluru, 10.04.2021
23.	EIE	Dr.M.Ponni Bala	Associate Professor	Best Paper Award "Real-Time Performance Analysis of Temperature Process Using Continuous Stirred Tank Reactor", 3rd IEEE International Conference on Emerging Smart Computing & Informatics (IEEE-ESCI 2021), All India Shri Shivaji Memorial Society's Institute of Information Technology, Pune, 5th – 7th March 2021
24.	ECE	Mr. R. P. Karthik	AP	His team have received Cash Prize Rupees 1 Lakh for *5G Hackathon stage-1 (Top 100) prototype fund in event organized by Department of Telecommunication (DoT) , Start-Up India, NITI Aayog, DST,MSME, IMC, C-DOT
25.	IT	Flg Offr. A.Jeevanantham	AP	Appreciation by Commanding Officer - 22.09.2020 5(TN) AIR SQUADRON (TECH) NCC, Salem
26.	IT	Flg Offr. A.Jeevanantham	AP	Overall best Officer cadet in the training courses attended by him @ national level during Feb_July 2021.He was awarded Gold medal and certificate.
27.	IT	Dr.P.Suresh	ASP	Best Paper Award - 06.11.2020-Velammal Institute of Technology, Chennai
28.	IT	Dr.M.Thangamani	ASP	Best Academic Researcher Award - 20.12.20. Mercury Publications Consortium, Coimbatore.
29.	IT	Dr.M.Thangamani	ASP	Best Paper Award -29.01.2021-Mercury Publications Consortium, Chennai
30.	IT	Dr.S.Anandamurugan	ASP	Appreciation Award Wiley - 09.02.2021-Computational Intelligence Journal, USA
31.	IT	Dr.S.Anandamurugan	ASP	Award of Excellence in Research- 25.03.2021 Novel Research Academy ,Puducherry.
32.	FT	M. S. SHIVASWAMY	Assistant Professor (Sr. G.)	Secured elite+silver grade in NPTEL exam course "Ethics in engineering": Recognized in certificate by NPTEL
33.	FT	M. S. SHIVASWAMY	Assistant Professor (Sr. G.)	Secured elite+silver grade in NPTEL exam course "Total Quality Management-1" : Recognized in certificate by NPTEL
34.	FT	Dr. V. Chitra Devi	Professor	Elsevier Reviewer Recognition – Journal of Environmental Chemical Engineering
35.	CSE	Dr.S.V.Kogilavani	ASP	National Level Award Young Women Scientist-2020 – 12/3/2021 by Dr.Kalam Educational Trust for Tribal

Sl.No.	Department	Name of the Faculty	Designation	Details of the Award / Other Recognitions received by faculty with date and venue
36.	CSE	Dr.N.Krishnamoorthy	ASP	Best Faculty award – 24/4/2021 by Chennai Teachers Club
37.	Mathematics	Dr. R. Jeetendra	Assistant Professor (Sr. G)	YOUNG SCIENTIST AWARD at the “10th International Scientist Awards on Engineering, Science and Medicine”, VDGGOOD Technology Factory
38.	Mathematics	Dr. K. V. Tamilselvi	Assistant Professor (Sr. G)	International Mathematician Honour"Young Women Mathematician Award", Infinity Education Solution
39.	Physics	Dr.P.Malarkodi	Assistant Professor (Senior grade)	Adharsh Vidya Saraswati Rashtriya Puraskar award on 17-12-2020 - Global management council, Ahemadabad
40.	English	J. Rajini	Associate Professor	Innovative Researcher and Best Academician Award / 21-02-2021 / Chennai
41.	English	Gomathi R.D	Assistant Professor	Indo Asian-IIP Young Literary Award
42.	English	Dr. S. Radhika	Assistant Professor	Certified Researcher on English Language Teaching / 28.11.2020 / Research Bereau Veritas & ISSN Awards, Trichy
43.	English	Dr. S. Radhika	Assistant Professor (Senior Grade)	Indo Asian-IIP BestLiterary Award / 23.04.2021 / IMRF, Vijayawada
44.	CT-UG	P.Gokila Brindha	AP	Best Paper Award, St.Peter Institute of Higher Education And Research, 28.09.2020 to 29.09.2020
45.	CA	Dr.A.Tamilarasi	Professor	National Award of Excellence, Glacier Journal Research Foundations, Global Management Council, Ahamedabad, , 17.12.2020

8.0 Students Activities

8.1. Performance of Students in Autonomous Examinations: 2019 students graduated from this temple of learning after passing the examinations conducted during April/May 2021.

8.2. Performance in GATE Examination: 4 Students qualified for the GATE examination 2019.

8.3. Placement and training

This year so far **1261** students have received placement offers from various reputed firms after successful campus interviews. We do hope the remaining students will get placed with another 2 months.

During this year **600+** students were permitted to take internship cum job.

Few major internships cum recruitment providers are Zoho, Codingmart, Amazon, Cognizant, Infosys, Soliton Technologies, Rane, Brakes India, Delphi TVS, etc.

We have started placements for 2022 batch and currently 140 students got placed in various companies like Maersk, Soliton Technologies, Zoho, Presidio, Kaar Technologies, Vuram Technologies etc with 6.00 Lakhs/ Annum as average salary.

8.4. Performance of Students in Co-curricular activities

During this academic year, our students presented papers in various state / national level Seminars and Symposia conducted by our institution and in other institutions. Totally **1036 papers were presented out of which 347 papers were presented** in other institutions and students have **won 54 prizes**. Our students also won **119 prizes in other contests** like Quiz, Technical contest, projects etc.

List of students and prizes won by them in reputed national level institutions

S.N	Department	Name of the Student	Paper / Project	Paper / Project Title	Name of the Institution
1.	MTS	K.R.Goutham	Project Presentation	Smart Shopping Cart For Differently Abled People	NIT,Trichy
2.	MTS	K.R.Goutham	Project Presentation	Physiotherapy Robotic Arm	SSN College of Engineering, Chennai
3.	MTS	P. T. Bijoy Antony	Project Presentation	Remote Controlled Concrete Boat Using IOT	American Concrete Institute & ZJU-UIUC Institute
4.	MTS	E.R. Shanthini	Paper Presentation	Robust Design For Smart Lawn Cutter For Gardening Companion	VIT, Chennai
5.	EEE	A Manikandan N R Nitish Kumar V Soundhara Velan S Vinothkumar	Project Presentation	Energy Ambassador Contest	VIT, Chennai
6.	EEE	S.Sowndharayan M. Riswan Ahamed	Project Presentation	Design & Development of Automatic Edge Finishin Nachine for Weaved Korai	Francis Xavir Engineer College, Thirunellvai
7.	EEE	G.Snekha, Sricharan, Vishahan P Mala Sundari	Smart India Hackathon - Project Presentation	Navonmesh	Uttranchal University, IEEE branch
8.	EEE	A Manikandan	Smart India Hackathon - Project Presentation	Hack-O-Holics	IEEE student branch Jeppiaar Engineering college
9.	EIE	R Snega	Poster Presentation	Mini Hydro Power Plant	Fenice Technical Solutions LLP, Vanagaram, Chennai.
10.	EIE	C Naveen Rahite P Ranjith Kumar M Rashika T Ravindhiran T.G Sindhuja G Vetrivel	Smart India Hackathon - Project Presentation	Waterless Dyeing System	Smart India Hackathon 2020, MHRD, New Delhi
11.	EIE	S Ashwath A.P. Aswin Kalaivanan K Manikandan C Pradeep	Idea Presentation	Smart Bus	Madras Institute of Technology, Chennai

S.N	Department	Name of the Student	Paper / Project	Paper / Project Title	Name of the Institution
12.	EIE	R V Sarmila R Vishali	Idea Presentation	Design and Development of Soil, Air and Water Pollution Preventer Caused by Automobile Tyre Micro-Particles	Madras Institute of Technology, Chennai
13.	EIE	K S Saran Kumar	Paper Presentation	Bot-Thesis	SRM Institute of Science and Technology, Chennai.
14.	EIE	V. Shalini	Paper Presentation	Identification and control of heavy metals in the sea food material using an IoT solution	Coimbatore Institute of Technology, Coimbatore
15.	EIE	T. Dharun G. Dharun Kumar	Paper Presentation	HVDC Transmission	PSG Institute of Technology and Applied Research, Coimbatore.
16.	EIE	R.V. Sarmila R. Vishali V.S.Hema	Project Presentation	Design and Development of Soil, Air and Water pollution Preventer Caused by Automobile Tyre Micro-particles	NIT, Trichy
17.	EIE	S. Ashwath A.P. Aswin Kalaivanan K. Manikandan C. Pradeep	Project Presentation	Smart Bus	Indian Institute of Technology, Roorke
18.	CSE	S Abinash S – V. Arul Prasath S. Gowthamkrishnan S S Divakar R. Ajay	Project Presentation	Potluck	Cornerstone India
19.	CSE	B. Mathiarasi	Project Presentation	Instagram web scraping using python	SRM Institute of Technology
20.	CSE	C. Kowsika.C J.G Kavyapriya	Paper presentation	Driver drowsiness detection and alert system	Coimbatore Institute of Technology, Coimbatore
21.	CSE	A. Monisha	Project Presentation	A tool to detect fake accounts	ISTE student chapter-SRM DELHI-NCR campus
22.	CSE	K. Gokula krishnan	Project Presentation	Fake account detector	ISTE student chapter-SRM DELHI-NCR campus
23.	IT	S. Rajarajeshwari	Paper presentation	Cloud Computing	Kumaraguru College Of Technology
24.	IT	K.S. Harine	Paper Presentation	Automated Detection Of Anaemia	MIT, Chennai
25.	IT	D. Ramkishore	Paper Presentation	Edge computing	MIT, Chennai
26.	IT	G. Raviprasath	Paper Presentation	3D-password	MIT, Chennai
27.	IT	K. Sowmiya	Paper Presentation	Image Morphing	PSG ITech Engineering College
28.	IT	K.P. Tharanies	Paper Presentation	Blockchain Technology	MIT, Chennai
29.	IT	K. Nithin	Paper Presentation	IOT	MIT, Chennai
30.	Chemical	A.P. Balaswetha	Paper presentation	Preparation and estimation of characteristics of cement partially replaced with prosopis juliflora ash	Sastra Deemed to be University, Thanjavur,
31.	FT	E. Angelin Christina S. Anjali kushwaha	Paper presentation	Development of value added products from leaf powders of less utilised leafy vegetables	SRMIST, Chennai
32.	FT	S. Suvetha	Paper Presentation	Recent development in Microencapsulation of bioactive food ingredients	SRM University, Chennai
33.	MBA	S. Dinesh Kumar	Paper Presentation	Emerging Trends in Science and Technology	Hindustan College of Arts & Science College

8.5. Student Exchange Programme

During this year 71 students went to Universiti Teknologi Petronas, Malaysia

8.6. Value Added Courses

Apart from the Syllabi prescribed in the curriculum, students were also provided with the opportunity to learn about the latest technological developments through part-time and evening courses conducted in each Department. This year 91 non-formal courses were conducted.

8.7. Training to the students

- During 2020-21, so far 24 training programmes have been conducted to impart necessary soft skills to students to help them perform well in campus interviews and 283 in plant trainings were arranged.

8.8. Other language courses

Apart from the regular English classes, we offers German, Japanese and Spoken Hindi classes to the students.

8.9. Other Learning facilities

The students are also provided opportunities to improve their multi-disciplinary skills and knowledge in desired areas through video conferencing, webinars, by using teaching assistance software packages like Moodle, MOOC, NPTEL and through guest lectures, seminars and workshops.

8.10. Association Activities

To train the students in curricular and co-curricular activities, each department has its own Association. During this academic year a total of **179** activities were conducted including National level technical symposia.

8.11. Two days Intra College C Programming Contest - Coding Carnival'21 organized by Training Cell on 20.03.2021.

8.12. News Letter: News letters are published in each department every quarter.

9.0. Activities organised for Covid 19

Awareness program Conducted for nearby locality

- COVID 19 Awareness Short Film released by Health and Family Welfare Department, Government of Tamilnadu. The short film was broadcasted daily 5 times at Kongu CR.
- An Awareness speech on COVID 19 was presented by Mr.A.Sekar, DSP-Fire arms, Erode at Kongu CR and was broadcasted in Kongu Community Radio and also same has been used by district officials for local announcement. (PHASE I ,II & III)

- An Awareness Speech on COVID 19 Social Distance Audio released by Health and Family Welfare Department, Government of Tamilnadu and same was broadcasted daily 5 times in Kongu CR
- An Awareness song on COVID 19 released by Chennai City Police department Authorities. The same was broadcasted daily 5 times in Kongu CR
- Video awareness created via social media to the public about social distancing and others awareness details
- Competitions between the cadets to create awareness in the theme of covid-19
- Disinfection Tunnel is a full body sanitization booth which was fabricated in-house by IIC KEC. The fabrication started on 02.04.2020 and was completed on 03.04.2020, within 2 days of time. This tunnel could be made available for public use and when placed in busy squares, people can use it and reduce the further propagation of the disease.
- The spread of COVID-19 has put the frontline workers like doctors, nurses, policemen and sanitation workers in a lot more dangerous situation. Face shield is an important component of the safety gears for fighting against COVID-19. In order to help the frontline workers, IIC KEC, started to fabricate these face shields. The design of M19 open sourced by Maker's Asylum, Mumbai was adopted. The Fab Lab at TBI@KEC has the facility to manufacture these masks using CNC Laser Cutting machine.
- N95 masks play a major role in giving protection to the frontline workers against COVID -19. But due to this pandemic, the demand for these masks has shot up, as their availability has gone down. We, here at IIC KEC, took up this challenge and started working on. We started designing masks on our own, and held trials. Then, an engineer named Mr.Velayutham, from Salem, Tamilnadu, approached us, saying that he has the design ready, but was lacking in manufacturing it. The Fab Lab at TBI@KEC has the facility to manufacture these masks using 3D printers.
- The KVIT Trust donated Rs. 50 Lakhs for Chief Minister COVID Relief fund on 05.06.2021.
- The KVIT Trust donated Grocery worth of RS. 2 Lakhs for Erode Government Hospital Corona Ward on 16.06.2021.
- KEC Teaching faculty and non teaching staff contributed one day salary Rs.9.40 Lakhs for Chief Minister COVID Relief fund on 21.06.2021.(All institutions contribution Rs.12.67 Lakhs)

Conclusion

In conclusion, I would like to say that this academic year has been yet another year of sustained effort, perseverance and great success. On this occasion, I would like to point out that with the cooperation of all, the institution has done its best in all its domains of activity and in all its endeavours, with the single-minded aim and goal to excel in curricular, co-curricular and extracurricular activities. The Faculty, Staff and Students have been doing exceedingly well and have brought laurels to this institution with the full support of the Management. In the midst of all these achievements, we always like to remind ourselves that we have “miles to go” and that our journey continues, as we aim to achieve new mile stones in this competitive world.

On this auspicious occasion, I wish to thank all my faculty, non teaching staff and my dear students who have been responsible for elevating this institution to this level and for transforming it as one of the best Engineering Colleges in Tamil Nadu, as well at the national level.

I whole heartly thank my beloved Correspondent, President, Secretary, Treasurer and all the Trustees for their vision and dedicated service in helping us to shape this institution up as one of the best in the country.

I am confident that this institution will grow in all dimensions in the future and continue to be an institution of excellence and emerge as a global institution in the years to come.

Thank You
