

KONGU ENGINEERING COLLEGE
(Autonomous)

PERUNDURAI, ERODE - 638 060

ANNUAL REPORT (21.06.2022)

2021-2022

Respected President of the **38th Annual Day function of Kongu Engineering College** and President of The Kongu Vellalar Institute of Technology Trust, Thiru. V. K. Muthusamy, **Esteemed Chief Guest Thiru. Suresh Sambandam, Founder CEO, Kissflow, Chennai**, Respected Secretary of the KVIT Trust and Kongu Naturopathy and Yoga Medical College and Hospital 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, Kongu National Matriculation Higher Secondary School, Respected Trustees, Principals of sister Institutions, Registrar, Controller of Examinations, CCOs, 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 38th Annual Day celebrations of this great Institution.

The Academic years, 2020-2021 and 2021-2022 have been very challenging for Educational institutions. The World Health Organization had declared Covid-19 as a pandemic that has posed a contemporary threat to humanity during last two years. 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 was 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. During this year 2021-2022, the college has turned back to physical classes to delight students and faculty. It is a matter of pride for us that our college has made tremendous achievements in this situation as well. 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 2021-2022.

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 8093 including 408 Research scholars. Out of the total student strength, 5808 are men and 2285 are women. The present faculty strength is 511 of which 234 are women. 255 faculty are Ph.D. holders. In addition, 421 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, one 5 Year Integrated M.Sc programme, 14 Master Degree programmes and 15 Ph.D programmes with a total intake of 2202 students.

1.2. New Courses and Reduction of intake :

New Courses :

The following new courses have been approved by AICTE and Anna University from this year 2021-22:

Sl.	Name of the Course	Sanctioned intake
1	B.E. Computer Science and Design	60
2	B.Tech. Artificial Intelligence and Data Science	60
3	B.Tech. Artificial Intelligence and Machine Learning	60

Reduction of intake :

The reductions of intake of the following courses have been approved by AICTE and Anna University from this year 2021-22:

Sl.	Name of the Course	Reduction of seats
1	B.E. Civil Engineering	240 to 120
2	B.E. Mechanical Engineering	240 to 120

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 an excellent state-of-the-art infrastructure facility that include exclusive air-conditioned seminar and conference halls in each department, 186 classrooms, 135 state-of-the-art laboratories and all other allied facilities.

The college also has to its credit an impressive array of industry sponsored laboratories and Centres of excellence in emerging areas of Science and Technology.

The whole campus has excellent IT infrastructure with connectivity through OFC and Wi-Fi in all buildings supported by 40 servers and 2785 computers. An internet connection with 1 Gbps leased line is available. In addition, Audio-video conferencing facilities and effective firewall provisions are in place. The College has solar power plant in house with installed capacity of 680 kW.

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, 5004 books are added at a cost of Rs.34.45 lakh in addition to the renewal of e-resources and journals.

The college has extensive Sports facilities that include indoor and outdoor stadiums and a big 8 acre outdoor playground that provide ample opportunities for the athletes and players for regular practice. The playground consists of 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 multigym. During this year, a Fitness Centre was established at a cost of Rs.5.63 Lakhs.

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

Modern residential facilities on campus accommodate around 3140 Boys and 1750 Girls. 49 teaching and 31 non-teaching staff are provided accommodation in the staff Quarters.

Transport: The institution runs buses in 79 routes to transport members of faculty, staff and students covering a radial distance of 60 kms.

Power: Un-interrupted power supply has been ensured with captive power generation of 3125 kVA from diesel generators and 680 kW from solar photovoltaic units.

Water: 24 hour water supply and treated drinking water is provided on 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 24X7 to cater to the emergency needs.

Bank with ATMs and a Post Office : The Karur Vysya Bank with 5 ATM centers and one a Post Office are functioning in the campus.

Development of New Laboratories, facilities and purchase of Equipment

This year, the College has spent Rs.973.51 lakh for purchase of computers, equipment and establishing of new laboratories.

Establishment of Centres of Excellence:

The following Centres of Excellence have been established during 2021-22

1. Centre of Excellence on Smart Electrical and Building Automation in EEE, Supported by M/s. Schneider Electric Bangalore. Total Investment Rs. 78 Lakhs.

2. Centre of Excellence on Robotics and Automation in MTS, Supported by M/s.Fanuc India Private Limited, Bangalore. Total Investment Rs. 67 Lakhs.
3. Centre of Excellence on Energy Studies in Mechanical, Supported by Fluke Corporation, Coimbatore. Total Investment Rs. 35.17 lakhs
4. Centre of Excellence on Data Sciences in CSE & IT, supported by nVIDIA, Total Investment Rs. 35.17 Lakhs
5. Centre of Excellence on CAD/CAM in Mechanical, supported by MACBRO, Total investment Rs. 5.00 lakhs
6. Centre of Excellence on VLSI in ECE, supported by M/s. TESSOLVE, Bangalore – Total investment Rs. 3 Lakh
7. Centre of Excellence on Cyber Security in CSE & IT, supported by M/s FORTINET. Total Investment Rs. 30 Lakhs.
8. Centre of Excellence on Data Analytics in Management Studies, supported by M/s Infinite Sun Modeling. Total Investment Rs. 1 Lakh.
9. Centre of Excellence on IOT in EIE, supported by M/s ALAI. Total Investment Rs. 25 Lakhs.

2.0. Awards and Recognitions

- **Accredited with the Highest Grade A++ by NAAC**
- **Accredited for three years (2022-23 to 2024-25) by NBA for UG Engineering Courses Civil, Chemical, ECE, EIE and Mechanical**
- **Accredited for three years (2020-21 to 2022-23) by NBA for UG Engineering Courses CSE, EEE, MTS, FT and IT**
- **Tamil Nadu Government Green Champion Award 2021 with 1 Lakh Cash prize.**
- Ranked 164th in Engineering Category in India Ranking 2021 under National Institutional Ranking Framework (NIRF), MHRD, Govt. of India
- Categorized as 'Band Excellence" institution in the category of 'Private or Self- Financed College / Institutes in ARIIA 2021
- Ranked at 64th Position by India Today (July 2021) among top Private Engineering Colleges including Deemed to be Universities in India
- Ranked at 34th position by Outlook (September 2021) at all India level (including IIT's and NIT's)

- Graded AAAA by Career 360 magazine (May 2022)
- Ranked at 2nd Position in Top Engineering Colleges of Super Excellence by The Competition Success Review(CSR) (July, 2021)
- Ranked at 12th Position by The Week (August 2021) among Best Private Engineering Colleges in South Zone and 25th Position among Best Private Engineering Colleges in India.
- Ranked at 7th Position by Time of India (July 2021) among Self Financing Colleges in Tamil Nadu and 15th Position among Top Engineering Institutions including Deemed to be Universities in South India.
- Ranked at 23rd Position by Education World (April 2022) in Top Private Institutions including Deemed to be Universities in Tamil Nadu and 85th Position in Top 100 Private Institutions including Deemed to be Universities in India
- Recognized as Valuable Local Chapter with rating of A based on performance in NPTEL Online certification courses (Jun-Dec.2021) and AA (Jan – Apr. 2022)
- Recognized as NPTEL Local Chapter Star, for JAN-Dec.2021 - KEC is one among the top 100 local chapters in the last 10 Semesters.
- Highest number of KEC faculty passed in NPTEL examination among all institutions in India during Jan- Apr. 2022.
- Ranked at 143rd position by Business Today – MDRA Survey 2021 among B School in India level and 12th position within Tamil Nadu.
- Ranked at 23rd position Business World Ranking in all India level and 2nd position within Tamil Nadu Self Financing Colleges.
- 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 recognized as Excellent University for American Concrete Institute student chapter activities for the year 2021 from American Concrete Institute, USA. College is receiving this award consecutively for three years from American Concrete Institute, USA

- KEC NCC has received “Deputy Director General Shield” awarded by Deputy Director General of NCC Tamilnadu on 28.04.2022.

3.0. Supporting facilities

3.1. KEC - TBI (Technology Business Incubator):

Technology Business Incubator at Kongu Engineering College is in operation for the past 18 years. 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, Fifteen new startups have been enrolled and 12 products have been commercialized. Currently 40 innovators (Prayas-34, SSS-2, IVP-4) are availing incubation support of TBI@KEC. Since inception, TBI has supported 107 incubatees (out of which 23 are our alumni and 2 Student Startups) who have developed 99 products in our TBI and launched them in market.

- **Interns**

At present 52 students of KEC are working as interns (either fulltime or part-time) with 6 incubatees at TBI in developing various products and services in the emerging technological areas, cater to the industrial and societal needs. Cumulatively, 299 students have worked as interns in TBI since inception.

- **Funding support**

During this year, under NSTEDB-SSS Scheme, 4 Entrepreneurs have been sanctioned Rs.122 lakhs (as soft loan) to scale up their Startup (Dynattral Tech, Hiper Automotive, MachDatum, Chimertech), under NIDHI-PRAYAS Scheme, 4 young innovators have been sanctioned Rs.31.50 lakhs (as grant) to convert their idea into Prototype and under EDII-TN IVP scheme, 4 MSMEs have been sanctioned Rs.9.40 lakhs (as grant) to convert their idea into Prototype. Since its inception, TBI has sanctioned Rs.700.71 lakh as seed funding to 71 beneficiaries (out of which 13 are KEC alumni) for the development of products.

- **Nurturing Entrepreneurship**

- **State level Idea Contest:**

"Startup Mania (2021) 6th Edition" 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 281 ideas were received under "student innovators" category from 39 Colleges in 10 districts. Around 23 entries were received under "other innovators" category from 9 districts across Tamil Nadu. Winners under the student and other innovators category were awarded a total cash prize of Rs.1.25 lakh sponsored by TANSIM, Startup TN.

- **Entrepreneurship Awareness Camp:**

TBI@KEC in association with MSME DI – CBE, EMDC/KEC & IIC/KEC conducted One day "Entrepreneurship Awareness Programme (EAP) for 94 students this year. Since inception, 42 EACs have been conducted and nearly 3355 Students of KEC were benefitted.

- **Value Added Training Programme:**

In addition to nurturing entrepreneurship and product/ service development, TBI also has organized training programmes and workshops to develop a talent pool of students. During this year, 3 training programmes (IoT, PCB and Design) were organized benefitting 108 student/innovator participants. As on date, TBI@KEC has conducted 285 Training, skill and knowledge enhancement programmes, courses and workshops for 8540 personnel. In total, about 120 student projects have got development support from TBI.

- **MoU & Association:**

For creating pipeline for incubation – TBI is associated as

- Incubation Partner for the KPIT Sparkle 2022 – national level engineering students innovation contest

For supporting incubates of TBI, it has signed MoU with

- Indian Angel Network (IAN) for follow-on funding to startups.

- **Awards & Recognition:**

- a. Prayasee - Magnic Technologies Pvt. Ltd received “ The ImpactorAward” - AIC Raise 2021 – Raiseup

- b. Prayasee - SwapnilAjitBukshete has won 3rd Prize of Best Med-Tech Startup - SID Healthcare Challenge 2021
- c. Prayasee - Kardle Industries Pvt Ltd received "Top Innovator Award" - Public Health Innovations Conclave 2021, Hyderabad
- d. Prayasee - Vivalyf Innovations Pvt Ltd - "Regional Winner" - Empower 2021 by TiE Women India, Hyderabad
- e. Prayasee - Vivalyf Innovations Pvt Ltd has Won a deal worth Rs.56 lakhs Shark Tank India -2021
- f. Prayasee - Ms.Nimisha Sharma has received "Silver Award" KPIT Sparkle 2021 Innovation Contest (National level)

Out of 16 current Prayasees, 9 have filed patents and 14 have started their company and 2 got certified as a startup by Department for Promotion of Industry and Internal Trade (DPIIT)/ GoI

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 is performing very well.

This year, IIP Cell conducted 36 training programmes for the benefit of industries. The cell has also taken up consultancy services, Energy Auditing, Testing assignments and generated a total revenue of Rs. 62.84 Lakhs for this academic year.

The college has Five certified Energy Auditors and Three Energy Managers extending their expertise to the nearby industries.

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

A FM Community Radio service with a 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 and is serving the society by broadcasting need-based programmes related to Education, Health and Hygiene, Environment, Weather, Agriculture, Animal Welfare, Market trends and other information related 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 conducted 12 programmes.

3.5. Higher Education Cell and Competitive Examination Cell

In this academic year, 2021-22, 14 Programmes were conducted during this academic year. In total, 891 students participated in the webinars /events organized by this cell. Mr. Gautam Goyal, IPS (Additional Superintendent of Police), experts from M/s. Unacademy, Bengaluru, M/s. TIME, Erode, M/s. Career Zone, Coimbatore, M/s. Princeton Review, Chennai, and M/s. Zamboori, Chennai, delivered special talks/webinars on the importance on Civil Services, GATE, CAT, GRE, GMAT, TOEFL and IELTS to our students

Apart from the above, coaching classes are being conducted for the benefit of our students on Common Admission Test (CAT) and foreign languages viz. Japanese, German and French.

This year, 137 students participated in various higher education and competitive examinations, out of which 23 have qualified.

Performance in GATE Examination: 2 Students got qualified for the GATE examination in 2022.

Students opted for Higher Education Abroad: 03 Students got admission in Various Universities abroad like FLEMING COLLEGE, CANADA, DE MONTFORT UNIVERSITY, UK and SHEFFIELD HALLAM UNIVERSITY, UK.

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

MOE'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 2021-22

S. No	Type of program	Event Name	Date	Chief Guest / Invitees/ Session Chair
1.	Awareness Programme	Launch of Startup Mania 6.0	20.08.2021	Dr. A.Velumani Founder – Thyrocare & Mr. R. Sivarajah Founder & CEO – Nativelead
2.	Motivational speak	“My Story – By an Innovator”	24.08.2021	Nandakumar S CEO & Co-Founder, & Puhazhendi K Co-Founder & Director Perfint Healthcare Pvt. Ltd, Chennai
3.	Workshop	Problem Solving and Ideation Workshop	27.09.2021	Anmol Ajay Saxena, Founding CEO and MD, Ashva Wear Tech, Bangalore, India
4.	Idea Pitching Event	Ideathon	30.09.2021	Juries team (3 members) can be from intra / inter department faculty members
5.	Motivational Session	“My Story” - by Successful Businessman	01.11.2021	Mr. Senthilkumar T P Co-Founder, Iamneo.ai, Coimbatore
6.	Orientation Session	NEP and KISP - National Education Day	11.11.2021	Dr. R. Parameshwaran / CC-TBI
7.	Awareness session	“Schemes & assistance through DIC”	26.11.2021	Mr. G. Thirumurugan General Manager/ Deputy Director (Tech.) District Industries Centre, Erode
8.	Pitching Event for PoCs	Pitching Event for PoCs developed & linkage with Innovation Ambassadors for mentorship support.	30.10.2021 to 02.11.2021	Ideas shortlisted from 30.09.2021
9.	Workshop	One Day Workshop on Design Thinking, Critical thinking and Innovation Design	13.11.2021	Mr. Jesu Raja, Founder & MD, Bloom'21 Enlightenments, Salem & All IEF Coordinators
10.	Workshop	Workshop on Entrepreneurship Skill, Attitude and Behavior development	18.11.2021	Dr. P. Karthikeyan, ASP, Dept.of MBA, KEC & Dr. R. Maheswari AP, Dept.of MBA, KEC
11.	Field Visit	Field/ Exposure Visit to Pre-incubation units such as Fab lab, Makers Space, Design Centre, City MSME clusters,	20.11.2021	M/s. Milkymist, Perundurai, SIPCOT

S. No	Type of program	Event Name	Date	Chief Guest / Invitees/ Session Chair
		workshops etc.		
12.	Expert talk	"Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialization of Lab Technologies"	22.11.2021	Mr. Vimal Kumar, Co-Founder Vivalyf Innovations, Hyderabad
13.	Expert talk	National Pollution Control Day	02.12.2021	Smt. H D Varalakxmi Regional Director, Chennai, Central Pollution Control Board, GOI
14.	Innovation, Business and Entrepreneurship Summit	E-HORYZON 2.0	December 2021	Intra collegiate Symposium
15.	Expert talk	National Science Day celebrations – Scientium 2022	28.02.2022	Dr. Eswaramoorthi Ramasamy, MRSC, Scientist 'E' Centre for Solar Energy Materials ARCI, Hyderabad
16.	Awareness session	Entrepreneurship Awareness Program	03.03.2022	Mr.S.Ramachandran DGM - SIDBI, Erode & Mr.MPalanivel, IEDS Joint Director – MSME DI, Coimbatore
17.	Awareness session	"Business opportunities in Erode district as an entrepreneur"	15.03.2022 (AN)	Mr.MaheshP.V.Giri ED, BNI Erode
18.	Workshop	Prototype/ Process Design and Development – Prototyping Four sectors (Mechanical, Electronics, IoT& AI/ML)	17.03.2022	<u>Prototyping:</u> Dr. S. Praveen Kumar Dr. S. M. Senthil <u>Circuitry:</u> Mr. R. P. Karthik Mr. S. Sathesh <u>IoT:</u> Dr. R. Rajadevi <u>AI/ML:</u> Dr.N.Kasthuri
19.	Project Exhibition	Demo Day/ Exhibition /Poster Presentation of Business Plan/ Prototype developed & linkage with IA for	19.03.2022	All IEF Coordinators

S. No	Type of program	Event Name	Date	Chief Guest / Invitees/ Session Chair
		mentorship support		
20.	Workshop	Business Model Canvas (BMC)	12.04.2022	Dr.R.Parameshwaran Mr.P.S.Kannan Dr.S.PraveenKumar Dr.S.M.Senthil
21.	Expert Talk	World Earth Day	22.04.2022	Mr.K.Kalidasan President, OSAI Environmental organization, Coimbatore
22.	Expert Talk	World Intellectual Property Day	26.04.2022	Dr.L.Ashok Kumar, Professor, Dept.of EEE, PSG college of Technology, CBE
23.	Expert Session	"How to plan for Startup - Legal and Ethical steps"	27.04.2022 (6-7:30 pm)	R. Kannan , FCA Partner, RKR & Associates, Chennai
24.	One Day Awareness Session and workshop	IPR & IP Management for Innovation and Start-ups	30.04.2022	Mr. P. Navaneethakrishnan Mr. Thirunavukarasu Collins Aerospace, Bangalore & Dr. G. S. Rampradeep/ Dr. R. Rajkumar
25.	Awareness Session	Accelerators/ Incubation - Opportunities for Students & Faculties – Early Stage Entrepreneurs	10.05.2022 (6 -7 pm)	Dr A. Balachandran Sr. General Manager VIT-TBI, Vellore
26.	Expert Lecture	National Technology Day	11.05.2022 (8.45-10.45 am)	Dr. Swami Nathan Subramanian Director – Innovation & Business Development, The Axia Institute, Michigan State University, USA
27.	Expert Lecture	Achieving "Value Proposition Fit" & "Business Fit"	18.05.2022 (11 -12:30 am)	Mr. S. P. Rajakumaran Director, Mobitech Wireless Solution Private Limited, Erode

S. No	Type of program	Event Name	Date	Chief Guest / Invitees/ Session Chair
28.	Expert Lecture	“Angel Investment / VC Funding Opportunity for Early Stage Entrepreneurs”	21.05.2022	Mrs.VedhaArun, Head, Investor relations, Native lead Foundation
29.	Field Visit	Kerala Startup Mission (KSUM) & Kerala innovation week celebrations	28.05.2022	KITE- Student Project Showcase
30.	Expert Lecture	Session on “Lean Start-up & Minimum Viable Product/Business”	30.05.2022	T.P.Senthilkumar Co-founder & Member lamneo, Coimbatore
31.	Awareness session	“Import / Export models and its legal / financial aspects”	03.06.2022	Mr.S.Karthik Raj, Deputy Commissioner, Exports Commissionerate, Chennai.
32.	Adarvanam Creation – Tree Plantation Programme	World Environment Day	05.06.2022	Planted 763 saplings at Erode Medical College and Hospital, Perundurai in Association with NSS and Olirum Erode Foundation

3.7. Women Development Cell

The main objective of this 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, 10 programmes were organized. Lt Dr N Mythili AP (English), Associate NCC Officer (SW), Sri Vasavi College, Erode, Mr R. Balamurugan, Advocate, Erode, Ms. Swathi Sivakumar, Financial Guider, Dr. Kavitha Subramaniam, Consultant Psychiatrist, Government Hospital, Anthiyur, Ms.T. Thaarini M.D, The Growth, Erode and Dr. Kamalaveni, Assistant Professor, Department of Women’s Studies, Bharathiyar university, Coimbatore delivered lectures on various topics.

3.8. 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 Board of Studies and various guest lectures. Alumni chapters at Erode, Chennai, Bangalore, Coimbatore, North America, UK, Australia, New Zealand,

Singapore, Malaysia and UAE are functioning well. During this tenure the contribution of alumni through online webinars, meets and mentorship is highly commendable. The details of the activities are:

- Total Number of Webinars: 111
- Total Number of Online virtual meets: 18
- Total Number of Internships offered: 4
- Total Number of Mentoring: 70
- Total Number of students benefitted through Placement Training: 310
- Total Number of Alumni Registered: 35,940

3.9. National Cadet Corps (NCC) Army Wing Infantry

A full – fledged NCC Wing is established in our College. Around 25 programs have been conducted during 2021– 2022 along with the Special Camps attended. Important events include:

- Cleaning work at Perundurai Railway Station on 25.09.2021.
- Blood Donation Camp on 01.10.2021
- Trekking activity at Bargur Hills and Social Service in Govt. School at Bargur on 07.10.2021
- Group commander COL LCS Naidu's visit to Firing Range at KEC on 10.04.2022
- Valedictory function with Lt Col M.S.Krishnamoorthy as chief guest on 13.04.2022
- KEC NCC complex inauguration DDG NCC Commodore Atul Kumar Rastogi along with Director Col Peter Celestine on 28.04.2022

3.10. National Service Scheme (NSS)

Around 39 programmes were organized during the academic year 2021-22. Important programmes include:

- Online Quiz Competition "CLEVER MINDS" for "INTERNATIONAL JUSTICE DAY" on 19.07.2021
- Online Event "Importance of NSS in Every Individual's Life" for NSS Day on 24th September 2021.
- Campus cleaning work performed during 26th Sep. 2021, 24th Oct. 2021, 5th Dec.2021, 19th Dec. 2021, 24th Feb. 2022, 6th Mar. 2022,

20th Mar. 2022, 8th May 2022, 22 May 2022, 29 May 2022, 05th June 2022

- COVID Vaccination camps organized during 01.10.2021, 12.10.2021, 26.10.2021, 02.11.2021, 11.11.2021, 25.11.2021, 09.12.2021, 10.02.2022, 13.04.2022 and 04.06.2022
- Blood donation camp organized during 07.10.2021, 12.11.2021, 23.12.2021, 15.03.2022
- Essay writing event on 05.12.2021. This event was conducted on the occasion of Pollution Control Day to bring awareness on pollution control.
- Speech and Drawing event on the topic of Women development on 19th December 2021
- Pongal speech and drawing competition on 13-01-2022. The event was conducted to create awareness about farmers' hard work on the topic of 'Uzhavanin magan'.
- Online Republic day debate event on 26-01-2022
- Election Awareness Camps conducted at Kodumudi and Malayampalayam on 18.02.2022 & 19.02.2022.
- "Penniyam" Programme organized on 09th March 2022 for NSS girls
- Road Safety Awareness Week - Marathon organized on 16.04.2022
- Seven Day Special Camp at Panchayat Union Middle School, Perundurairi RS from 25.04.2022(Monday) to 01.05.2022(Sunday).
- Plantation event on 05.06.2022 at Adarvanam.

3.11. 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.

3.12. 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/0) 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

3.13. Scholarships to Students

College is generous in giving scholarship to students who excel in academics and sports. A total scholarship amount of Rs.216.70 lakh is given as scholarship.

○ 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 the economically weekly students studies, for the entire tenure of studies.

- **Sports**

Free education is given to the talented students in sports and games. This year 49 students have got benefitted.

3.14. Government and private Scholarship

During 2021-22, 5128 students of Kongu Engineering College has received Rs.699.25 lakh of scholarship amount from Tamil Nadu State Government, Central Government and Private Trusts.

3.15. Insurance

All the Faculty, Staff and Students are covered under Accidental Insurance Scheme.

4.0. Research and Development

12 Special lecture programmes and 27 SDP / FDP/ workshops were conducted in different disciplines in emerging areas. In addition, 2 International conferences and 10 National Conferences / seminars were organized during this year.

This year, 18 of our faculty members were awarded with Ph.D. degrees. 26 scholars have completed their Ph.D. from KEC Research Centres. So far 361 scholars have completed their Ph.D. from our Research Centers.

4.1. Research Projects

A grant of Rs.248.11 lakh has been received for 18 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:

Publications:

Publications	2021	2022
Scopus	692	364
Web of Science	261	159

Scopus publications numbering 692 is record for our college, surpassing the last year (2020) record of 574. Moreover, among all the colleges in the State (including all

Aided Colleges and Govt. Colleges), KEC occupies second position based on Scopus publications as well as SCI record.

Citation indices as per google Scholar Citation is 32889, h-index 74, i10 – index 823 as on 13.06.2022

4.3. MoU Signed

- Forty One (41) MoUs are signed / renewed during this year and significant MoUs are:

- Pantafox Technology Private Ltd, Chennai
- R.V. Mechine Tools, Coimbatore
- Infisum Modeling P Ltd UP, India (Washington)
- Angel Starch and Food Pvt Ltd, Erode
- V-Guard Industrial Ltd, Erode
- M/s Skillsonics India Pvt, Ltd, Bengaluru, Karnataka.
- Indian Based IT Company, My assessment, Coimbatore
- Schneider Electric India P Ltd, Delhi
- Botswana International University of Science & Tech, Botswana
- M/s Terzo Technologies, Inc Namakkal
- Equard Engineering Services, Chennai
- CETAS Information Technology P Ltd, Chennai
- KG Fabriks Ltd, Perundurai
- SIM Infosystems, Chennai
- Stepping EDGE & EDGE Commerce Coimbatore
- TEKAFFORDE Solutions Pvt Ltd, Bengaluru
- Milky Mist Dairy Food Pvt Ltd, Perundurai
- Taylor's University
- AathiraVelliMaaligai, Erode
- NiyataInfotechPvt Ltd, Bengaluru
- NSE Training Institute, CA
- Alarm Info Solutions LLP, Chennai
- M/s Codechef, MarutiInfotech Centre, Bengaluru
- Petroleum Conservation Research Association, Chennai
- Effitrac Solutions India Private Ltd, Coimbatore
- Sri Ram Karthic Polymers P Ltd, Coimbatore
- Kumaraguru College of Technology & VI micro system, Chennai

- Keenhead Technologies Pvt Ltd, New Delhi
- Presidency University, Bengaluru
- Perundurai SIPCOT Textile Processors Association, Perundurai
- XESS Tech Link, Erode
- Live Stream Technologies, Coimbatore
- SKM Egg Products Export (India) Ltd, Erode
- Aadhi Cars Pvt Ltd, Coimbatore
- Mistral Solutions Pvt Ltd, Bengaluru

4.4. International Conferences organized

- Department of Physics and Chemistry organized AICTE sponsored Second International Conference on Energy, Environment and Advanced Materials for a sustainable future from 15.07.2021 to 16.07.2021.
- ECE department organized an International Virtual Conference on Advance in Communication, Machine Learning, and Embedded with Internet of Things (IVC-ACME-2021) on 09.04.2021.

4.5 Patent

So far 15 projects have been patented. During this academic year 96 applications has been filed and Published.

4.6 Incentives for publication and projects

The College is encouraging the faculty by giving incentives for publishing their best research articles in the reputed National and International Journals and grant of Projects. For this year Rs. 27.65 Lakhs of amount is given to faculty as incentive.

5.0. Consultancy

For this year a total amount of Rs. 30.18 lakhs has been generated through 347 consultancy services and Rs. 23.67 lakhs has been generated through 36 training programmes for industry and energy auditing. The college has generated Rs.8.95 Lakhs through 460 testing works from industries.

6.0. Physical Education

The Department of Physical Education is well equipped with all facilities to enable the students to practice and participate in all the games and sports events indoor as well as outdoor.

The college encourages students in sports by granting admission under sports quota with providing full free education and free boarding and lodging for 15 students every year.

The department has organized coaching camps for Badminton, Basketball, Tennis, Table-Tennis, Volleyball, Football, Hockey, Kabaddi and Athletic teams of our institution every year.

6.1. Anna University Tournaments and CENTIES

The college has secured Anna University Zone Overall Championship consecutively for 12 years since 2008

South Zone & All India Inter University sports

The following students represented Anna University in the South Zone, University and All India Inter University tournaments.

Sl. No.	Name	Game	Level/Position
1.	G.S.AKSAYA - I ECE	Volleyball	Participated in South zone Inter University
2.	R.V.SARMILA- IV EIE	Volleyball	Participated in South zone Inter University
3.	S.DARSHIN - III CIVIL	Volleyball	Participated in South zone Inter University
4.	A.ANITHA - IV EIE	Volleyball	Participated in South zone Inter University
5.	M.VALLARASU - IV CIVIL	Volleyball	Participated in South zone Inter University
6.	C.KALAIYARASAN-IV CIVIL	Hockey	Participated in South zone Inter University
7.	M.YUVA VIGNESH- IV CIVIL	Hockey	Participated in South zone Inter University
8.	NITIN PRANAV .S.M - IV IT	Tennis	Winners in Khelo India University Games, Third position in South zone Inter University and participated in All India Inter university games
9.	L.J.JERWIN LAWSON – I MECH	Tennis	Winners in Khelo India University Games, Third position in South zone Inter University, participated in All India Inter university games
10.	P.SIVA III MECH	Athletics Half Marathon	Participated in All India Inter University Athletic meet

11.	PRIYA DHARSINI III EEE	Table Tennis	Third position in South zone Inter University and participated in All India Inter University and Khelo India university games
12.	M.KOWSALYA II CSE	Athletics 100&200 m	Participated in All India Inter University Athletic meet
13.	YOGA ABITHA.A III EIE	Handball	Participated in South zone Inter University
14.	T.GOPIKA SHREE I BSC SS	Kabaddi	Participated in South zone Inter University

6.2. Kongu Trophy

The College organizes Kongu Trophy every year which is a State Level Inter-Collegiate Tournament for both Engineering and Arts & Science college students in ten disciplines for both men and women. Around 800 students across the state participate in this prestigious tournament every year.

6.3. Annual Sports Day

The 38th Annual Sports Day was celebrated on 20th June 2022, Thiru.S.N.MOHAMMED SALAHUDDIN, International Triple jumper, GST & Central Excise Department was the Chief Guest of the function.

7.0. Special programmes

- 15th Academic Council Meeting was conducted on 27.03.2021
- 40th Governing Council Meeting was conducted on 17.05.2021.
- Cyber Crime Training programme for Erode District Police was conducted on 23.06.2021.
- 16th Academic Council Meeting was conducted on 26.06.2021.
- Dept of Physical Education organized Olympic Quiz Challenge for School students (8-12th Std.) on 06.08.2021 and Essay competition for KEC Students on 06.08.2021.
- CSE department organized Coding Carnival 2021-V2.0 from 25.08.2021 to 08.09.2021.
- Phase-1 Reopening for B.E/B.Tech (II & IV Year), B.Sc (II & III Year). M.Sc, (II & V Year), MCA (II & III Year), MBA (II Year Current Trimester) & M.E/M.Tech (II

Year) on 01.09.2021. Physical classes closed on 12.10.2021. From 18.10.2021 onwards online classes were conducted.

- Phase-2 students – B.E/B.Tech 3rd year, M.Sc. 3rd and 4th year physical classes started on 18.10.2021 and the final year students continued with physical classes.
- 25th Batch of B.Sc (CSD, IS & SS) Programmes & 16th Batch of M.Sc (SS) Programme Inaugural function was conducted on 06.10.2021.
- 29th Batch of MCA Programme was Inaugurated on 20.10.2021
- 1 year physical classes commenced on 6th December 2021 for BE/BTech and 29th November 2021 for BSC / MSC.
- Inception day of KEC (11.11.2021): Events - Coding contest, Essay writing contest in English & Tamil were conducted on 12.11.2021 on account of Inception day..
- On the event of "National Pollution Control day" ISTE in association with EMDC & IIC @ KEC organized a guest lecture on "Government Initiatives on Pollution Control Aspects" on 02.12.2021.
- 41st Governing Council Meeting was conducted on 11.12.2021.
- Self Development Club organized an intra-college symposium "SDC Fest 2021" on 17.12.2021
- 17th Academic Council Meeting was conducted on 01.02.2022.
- KEC NSS organized free Covid Vaccination Camp (Phase VIII) with the support of Primary Health Centre Thingalur on 10.02.2022.
- Ganapathi Pooja performed for the renovation of Placement facilities (Admin Building- I Floor) on 14.02.2022.
- International Mother Language Day was celebrated on 21.02.2022 by Zhagaram Tamil Mandram.
- Department of CT-UG organized a School Event "SPART Fiesta 2K22" for Higher Secondary School Students on 06.03.2022.
- IIC@KEC and EMDC organized Smart India Hackathon 2022 Project Expo - E-HORIZON'22 on 19.03.2022.
- EEE in collaboration with Schneider Electric, Bangalore established a Centre of Excellence on "Smart Electrical and Building Automation" at a cost of Rs.50 Lakhs. The Centre was inaugurated on 13.08.2021. The General Manager of

Schneider Electric, Bangalore Mr.Krishnakumar was the Chief Guest. MoU between KEC (EEE) and M/s. Schneider Electric, Bangalore also signed on 13.08.2021.

- Inauguration of two Centre of Excellence, KEC –MACBRO | KEC – FLUKE| KEC – FANUC (Mechanical Department) on 01.04.2022. Dr.A.Elayaperumal, Director, Affiliation, Anna University, Chennai inaugurated the Centre.
- Gender Equality club organized Valedictory function on 06.04.2022. Chief Guest Mrs. Seetha Lakshmi Ramakrishnan, Secretary –Saratha Institution & Correspondent Saratha International School.
- Farewell function organized for 2022 batch students on 08.04.2022.
- KEC Women’s Development Cell organized “SAKTHI 2K22” a Cultural Event on 21.04.2022.
- KEC NSS organized a camp from 25.04.2022 to 01.05.2022 at Panchayat Union Government Middle School, Perundurai R.S. The valedictory function was graced by Honorable Thiru. A. Ganeshamurthi, Member of Parliament, Erode Constituency and an inscription was opened by him on 01.05.2022
- KEC IGC Camp NCC Closing Ceremony was conducted on 28.04.2022 at Maharaja Auditorium.
- New Departments Artificial Intelligence (Data Science and Machine Learning) and Computer Science and Design was inaugurated on 04.05.2022.
- Indian Institute of Metals - KEC Student Chapter was established on 10.05.2022.
- Coding Carnival 2022 (Codechef) in association with Codechef was conducted on 07.05.2022
- A grand two day Cultural Fest Enthusia 2021 was conducted on 16.06.2022 and 17.06.2022 to bring out the latent talents of our students. The second day of the events’ Chief guest Mr. Yuvan Shankar Raja, Cine Music Director.
- Srinivasa Ramanujan Mathematics Club organized a State level Mathematical symposium Mathe Fiesta’22 on 27.05.2022.

7.1 Academic Excellence Scholarship

The Kongu Vellalar Institute of Technology Trust sanctioned Rs.2.16 Crores as Academic Excellence Scholarship to 519 students.

8.0. Faculty and Staff

During this year, 29 new faculty and 66 non - teaching staff joined the institution and 36 faculty members and 40 non teaching staff left the institution.

8.1. Staff Development and Career Planning

This year 265 faculty members and 60 Non – teaching staff were deputed to different training programmes related to their specializations. 35 faculty were permitted to register for Ph.D. during this academic year.

594 faculty members attended various Winter / Summer schools, SDP, and STTP 250 faculty members attended International conferences and seminars and 105 faculty members attended National conferences and seminars.

Our faculty members presented 592 papers in International / National conferences and published 601 papers in International / National Journals. In addition to this 80 books and 11 Manuals were also published by our faculty members

This year, 248 invited guest lectures were delivered by our faculty members at various Institutions and Universities.

8.2 Seed Grand Research Scheme:

The college has 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 12 projects were provided funding through Seed Grant research scheme. Total amount of Rs.42.11 lakh has been 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 aluminum alloy pipes using FSW process	2,47,500.00

2.	Dr.A.Tamilvanan	Mechanical	Investigation on the effects of light fuel fumigation on biodiesel fueled 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 traction	5,00,000.00
4.	Mr.T.Rajagopal	Mechanical	Experimental investigation of solar organic ranking 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.PeriasamyManikandan	Chemical	Experimental studies on heat transfer applications of nano fluid	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 nano particles embedded Cu_2ZnSnS_4 sensitizer thin films grown by nebulizer assisted spray pyrolysis for solar cell applications	4,90,000.00

10.	Dr.P. Somasundaram	Automobile	Investigation of U-shaped heat pipe with nano fluid in evacuated tube collector for solar applications	2,23,000.00
11.	P.Thangavel	MTS	Automated Defect Classification of Aluminum 6061-T6-TIG welded joints using machine vision and Machine Learning Algorithms	3,02,000.00
12.	Dr.K.Maheshwaran	Physics	Thin Film Research Lab	3,20,000.00

8.3. Awards and recognitions received by faculty

Sl.No.	Name of the Faculty	Designation	Details of the Award / Other Recognitions received by faculty with date and venue
1.	Dr.M.S.Kamalesh	AP-SRG	DST-SIRE Research Grant to pursue Post-Doctoral Research Fellowship at Ost fold University, Norway
2.	Dr.P.Navaneetha Krishnan	Professor/CCO-Planning	Best SPOC 9Single Point Contact from NPTEL for June-Dec. 2021 and Jan-Apr.2022
3.	Dr.T.Pradeep	ASP	I2OR National Elite Teacher Award 2021
4.	Dr.T.Pradeep	ASP	Top 2% Scientists by Stanford University along with Elsevier for the year 2021
5.	Dr.T.Pradeep	ASP	National Best teacher Award 2022
6.	Dr.G.S.Rampradheep	ASP	IEI Young Engineers Award 2021
7.	Dr.G.S.Rampradheep	ASP	TOYCATHON 2021
8.	Ms. S. VijayaShanthy	AP	ISTE Best Faculty Advisor Award
9.	Dr. P. C. Murugan	ASP	Best Paper Award, International Conference on Advancements in Aeromechanical Materials for Manufacturing
10.	Dr.N.Krishnamoorthy	ASP	Best Researcher Award, Novel Research Academy on 05.09.2021
11.	Dr. C.N.Vanitha	AP-SRG	Best Paper Award at IEEE conference on "Emerging Technologies and Applications for a Smart and Sustainable World at National Engineering College, Kovilpatti

Sl.No.	Name of the Faculty	Designation	Details of the Award / Other Recognitions received by faculty with date and venue
12.	Dr.M.Sivachitra	Professor	Best Researcher Award in Business Leadership Submit - 2022
13.	Dr.S.Maheswari	ASP	Best Researcher Award in Business Leadership Submit - 2022
14.	Dr.M.Karthik	ASP	Best Performing Researcher in R&D Projects
15.	M.Suresh	AP-SRG	Outstanding Young Researcher Award 2022 From Kamarajar Institute of Education and Research at Chennai
16.	M.Suresh	AP-SRG	Global Faculty Award from Global Education Summit and Awards at New Delhi
17.	M.Suresh	AP-SRG	Best Researcher Award from International Research Award on Science, Health and Engineering,
18.	M.Suresh	AP-SRG	Outstanding Scientist Award in International Scientist Awards 2021 On Engineering, Science and Medicine
19.	Dr.S.Vijayachitra	Prof & HOD	Best Faculty Award, ACE International Private Limited, Singapore.
20.	Dr.V.Hariharan	Professor	ISTE Best Student Chapter Faculty Advisor Award-2021
21.	Dr.S.Vijayachitra	Prof & HOD	Best Researcher Award, Knowledge Research Academy Coimbatore
22.	FlgOffr. A.Jeevanantham	AP	First in Order of Merit Award 11/06/2021 National Cadet Corps, Ministry of Defense, Govt of India.
23.	Majr. Dr PS Raghavendran	ASP	Director General Commendation
24.	Mr.M.Karthikeyan	AP-SRG	Research Excellence Award 2021, Institute of Scholars (In Sc)/August 2021
25.	Dr.K.Manjula Rani	ASP	InRes Distinguished Professor Award from Institute of Researchers, Wayanad, Kerala, on 20 th November 2021.
26.	Dr. A. Geetha	ASP	Academic Excellence Award in recognition of her outstanding professional & research achievements in the field of Chemistry on 20 th December 2021 from Institute of Researchers, Wayanad, Kerala.

Sl.No.	Name of the Faculty	Designation	Details of the Award / Other Recognitions received by faculty with date and venue
27.	Ms. Saranya Devi P	AP	National award for Best teacher in Higher Education (English Literature & Linguistics), at GRF International Awards and Honours on 05 th September, 2021.
28.	D. Ramya	AP	India prime Professors Award 2021
29.	Dr. S. Radhika	AP	Indo-Asian Education Excellence Award for English Language Teaching 2022 at Rathna Prasad Multidisciplinary Research and Educational Society on 28 th February, 2022.
30.	K.Jefferson	AP	National Best Researcher Award 2022 by International Multidisciplinary Research foundation on May 14 th , 2022
31.	Dr. J. Rajini	ASP	National Best Researcher Award 2022 by International Multidisciplinary Research foundation on May 14 th , 2022
32.	R. Ramya Sri	AP	National Best Researcher Award 2022 by International Multidisciplinary Research foundation on May 14 th , 2022
33.	Dr.T.P. Sathish Kumar	ASP	Top 2% Scientists by Stanford University along with Elsevier for the year 2021

9.0 Students Activities

9.1. Performance of Students in Autonomous Examinations: 2187 students have been graduated from this temple of learning after passing the examinations conducted during April/May 2021.

9.2. Performance in GATE Examination: 2 Students got qualified in GATE examination 2019.

9.3. Placement and training

This year so far 1487 students received 2204 placement offers from 284 reputed firms after successful campus interviews. We hope that the remaining

students will get placed within a month. 2200+ offers and about 1500 students placed is record placement for the College. It is almost the highest among all Colleges in the State.

During this year 800+ students were permitted to take internship-cum-job.

Few major internship-cum-recruitment providers are SoftwareAG, Zoho, Cognizant, Accenture, Soliton Technologies, Tata Technologies, JSW, Adani Group, Applied Materials, Microchip, Federal Bank, Brakes India etc.

College has started placements for 2023 batch and currently 262 students have got placed in various companies like Maersk, Soliton Technologies, Hippo Video, Ajira, Toshiba, Rently, Odessa Technologies, Grootan Technologies, Presidio, Vuram Technologies etc with 6.00 Lakhs/ Annum as average salary.

9.4. Performance of Students in Co-curricular activities

During this academic year, our students presented papers in various State / National level Seminars and Symposia were conducted in our institution and other institutions. Totally 2956 papers were presented out of which 1533 papers were presented in other institutions and 190 students won prizes. Our students also won 385 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	Name of the Student	Paper / Project	Paper / Project Title	Name of the Institution
1.	Dilbar Mohammed Naseer D V	Paper presentation	LTC With C&D DEBRIS	Coimbatore Institute of Technology, Coimbatore
2.	George Rishan A	Paper presentation	Light Transmitting Concrete with Construction and Demolition Debris	Coimbatore Institute of Technology, Coimbatore
3.	Arun J	Paper presentation	Elimination of Coarse Aggregates by Steel Fibers in Reactive Powder Concrete	Karpagam Academy of Higher Education, Coimbatore
4.	Ashwin G	Paper presentation	Mechanical and Durability Properties of Reactive Powder Concrete	Karpagam Academy of Higher Education, Coimbatore

S.N	Name of the Student	Paper / Project	Paper / Project Title	Name of the Institution
5.	K.R.Goutham	Project Presentation	Smart Shopping Cart for Differently Abled People	NIT, Trichy
6.	K.R.Goutham	Project Presentation	Physiotherapy Robotic Arm	SSN College of Engineering, Chennai
7.	P. T. Bijoy Antony	Project Presentation	Remote Controlled Concrete Boat Using IOT	American Concrete Institute & ZJU-UIUC Institute
8.	E.R. Shanthini	Paper Presentation	Robust Design for Smart Lawn Cutter For Gardening Companion	VIT, Chennai
9.	A Manikandan N R Nitish Kumar V SoundharaVelan S Vinothkumar	Project Presentation	Energy Ambassador Contest	VIT, Chennai
10.	S.Sowndharayan M. RiswanAhamed	Project Presentation	Design & Development of Automatic Edge Finishing Machine for Weaved Korai	Francis Xavir Engineer College, Thirunellvai
11.	G.Snekha, Sricharan, Vishahan P Mala Sundari	Smart India Hackathon - Project Presentation	Navon mesh	Uttaranchal University, IEEE branch
12.	A Manikandan	Smart India Hackathon - Project Presentation	Hack-O-Holics	IEEE student branch Jeppiaar Engineering college
13.	R Snega	Poster Presentation	Mini Hydro Power Plant	Fenice Technical Solutions LLP, Vanagaram, Chennai.
14.	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
15.	S Ashwath A.P. AswinKalaivanan K Manikandan C Pradeep	Idea Presentation	Smart Bus	Madras Institute of Technology, Chennai

S.N	Name of the Student	Paper / Project	Paper / Project Title	Name of the Institution
16.	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
17.	K S Saran Kumar	Paper Presentation	Bot-Thesis	SRM Institute of Science and Technology, Chennai.
18.	V. Shalini	Paper Presentation	Identification and control of heavy metals in the sea food material using an IoT solution	Coimbatore Institute of Technology, Coimbatore
19.	T. Dharun G. Dharun Kumar	Paper Presentation	HVDC Transmission	PSG Institute of Technology and Applied Research, Coimbatore.
20.	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
21.	S. Ashwath A.P. AswinKalaivanan K. Manikandan C. Pradeep	Project Presentation	Smart Bus	Indian Institute of Technology, Roorke
22.	S Abinash S – V. Arul Prasath S. Gowthamkrishnan S SDivakar R. Ajay	Project Presentation	Potluck	Cornerstone India
23.	B. Mathiarasi	Project Presentation	Instagram web scraping using python	SRM Institute of Technology
24.	C. Kowsika.C J.G Kavyapriya	Paper presentation	Driver drowsiness detection and alert system	Coimbatore Institute of Technology, Coimbatore
25.	A. Monisha	Project Presentation	A tool to detect fake accounts	ISTE student chapter-SRM DELHI-NCR campus

S.N	Name of the Student	Paper / Project	Paper / Project Title	Name of the Institution
26.	K. Gokulakrishnan	Project Presentation	Fake account detector	ISTE student chapter-SRM DELHI-NCR campus
27.	S. Rajarajeshwari	Paper presentation	Cloud Computing	Kumaraguru College Of Technology
28.	K.S. Harine	Paper Presentation	Automated Detection of Anaemia	MIT, Chennai
29.	D. Ramkishore	Paper Presentation	Edge computing	MIT, Chennai
30.	G. Raviprasath	Paper Presentation	3D-password	MIT, Chennai
31.	K. Sowmiya	Paper Presentation	Image Morphing	PSG ITech Engineering College
32.	K.P. Tharanies	Paper Presentation	Blockchain Technology	MIT, Chennai
33.	K. Nithin	Paper Presentation	IOT	MIT, Chennai
34.	A.P. Balaswetha	Paper presentation	Preparation and estimation of characteristics of cement partially replaced with prosopisjuliflora ash	Sastra Deemed to be University, Thanjavur,
35.	E. Angelin Christina S. Anjali kushwaha	Paper presentation	Development of value-added products from leaf powders of less utilized leafy vegetables	SRMIST, Chennai
36.	S.Suvetha	Paper Presentation	Recent development in Microencapsulation of bioactive food ingredients	SRM University, Chennai
37.	S. Dinesh Kumar	Paper Presentation	Emerging Trends in Science and Technology	Hindustan College of Arts & Science College

9.5. 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 136 non-formal courses were conducted.

9.6. Training to the students

During 2021-22, 171 training programmes were conducted for students to impart necessary Soft Skills to perform well in the campus interviews and in addition to this 181 inplant trainings were arranged.

9.7. Other language courses

Apart from the regular English classes, our college offers German, Japanese, French, Spanish and Spoken Hindi classes to the students.

9.8. 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.

9.9. 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 196 activities were conducted / held including National level technical symposia.

9.10. Coding Carnival 2022 (Codechef) in association with Codechef was conducted on 07.05.2022

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

10.0. Activities organized 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 broadcast 5 times a day at Kongu CR.

- An Awareness speech on COVID 19 was presented by Mr.A.Sekar, DSP-Fire arms, Erode at Kongu CR and was broadcast 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 broadcast 5 times a day in Kongu CR
- An Awareness song on COVID 19 released by Chennai City Police department Authorities and the same was broadcast 5 times a day in Kongu CR
- Video awareness created via social media to the public about social distancing and others awareness details
- Competitions were conducted among the Cadets to create awareness in the theme of covid-19
- In order to help the frontline workers, IIC KEC, fabricated face shields. The design of M19 open sourced by Maker's Asylum, Mumbai was adopted.
- The Fab Lab at TBI@KEC manufactured N95 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 amounted to Rs.12.67 Lakhs)

11.0 Visit of VIPs

Some of the important distinguished guests who visited the college:

Sl. No.	Name and Designation	Address
1.	Hon'ble Thiru. Justice M.M. Sundresh	Supreme Court of India, New Delhi
2.	Dr. V. Sasi Mohan IPS	Superintendent of Police, Erode District
3.	Thiru. S.N.Mohammed Salahuddin	International Athlete – triple jump GST & Central Excise Department

4.	Dr.Kumar	Vice Chancellor, Jawaharlal Nehru Technological University, Kakinada, AP
5.	Dr.Rabindra Kumar Sahu,	ProfessorThe Veer Surendra Sai University of Technology (VSSUT) Odisha
6.	Mr. Yuvan Shankar Raja	Cine Music Director
7.	Dr.Kuldip Singh Sangwan,	Professor, Birla Institute of Technology and Science, Pilani
8.	Dr.A.Elayaperumal	Director, Affiliation, Anna University, Chennai
9.	Tr. Gautam Goyap IPS	Asst. Superintendent of Police, Perundurai
10.	Mrs.Seetha Lakshmi Ramakrishnan	Secretary –Saratha Institution & Correspondent Saratha International School
11.	Mr.Gautam Goyal, IPS,	Assistant Superintendent of Police (ASP),Perundurai
12.	Mr.R.Mohan Raj	R. Mohanraj & Co, Erode
13.	Dr.V.Ramasamy	Former Executive Director, SAIL, Salem Steel Plant, Visiting Professor, Department of Metallurgical Engineering, PSG college of Technology, Coimbatore
14.	Dr.J.Krishnamoorthi	Professor & Head, Department of Metallurgical Engineering, PSG college of Technology, Coimbatore.
15.	Dr.K.R.Rathnasabapathy	Associate professor & Head (Former) Department of English,PSG College of Arts & Science, Coimbatore -14
16.	Dr. T. Senthil Kumar	Senior Lecturer, University Malaysia, Pahang
17.	Mr. P. Suresh Anand	C Cube Technology, Erode
18.	Prof. Dr. S. Bhaskar	Certified Trainer, AIMA - Coimbatore
19.	Mr. G. Dhanasekar Ms. S. Suganya	Functional Consultant & Manager Infinity PMC Solutions Pvt.Ltd.
20.	Dr.Tushar Jadav	Associate Professor, NICMAR, Pune
21.	Dr.Sundarambal Palani	Research Scientist,National University of Singapore
22.	Mr. Vivek Manokaran	CAD Engineer,C Cube Technologies, Erode
23.	Er.K.Pappukannan M.E.,LLB.,	Chairman, Dharapuram Municipality
24.	Dr. Magesh Ganesapillai, Professor	VIT Vellore
25.	Mr. K. Kalidasan	President, OSAI Environmental Organization, Coimbatore
26.	Mr.Manjunath Peddakotla	Chief Engineer - Powertrain, Gannet Engineering
27.	Mr. Sriram Nagarajan	CEO - RoboRAM

28.	Mr.S.B. Harish Prabhu	Head – Business & Operations Niyata Infotech Pvt.Ltd, Bangalore
29.	Mr.M.Suresh	Tech Sales, Niyata Infotech Pvt. Ltd, Chennai
30.	Tamilarasan K K	Manager – HR & Development, Sakthi Auto Component Limited, Muaski - Tiruppur
31.	Mr. Manikandan Kumar	CEO, Ivory gull candy company, Salem
32.	Mr. D. Sudhakar	Managing Director, Vinu Foods, Salem
33.	Mr.Gopalakrishnan	Forest lake groups, Gobichttipalayam
34.	Mr.Goutham R	Founder & CEO , Triphi, Bhavani, Erode
35.	Dr.S. Devi Mahalakshmi	ASP, Department of Computer Science and Engineering, Mepco Schlenk Engineering College
36.	Dr. N. Jaisankar	Professor, Computer Science and Engineering , Vellore Institute of Technology
37.	Dr. B. Surendiran	Associate Dean(Academic) , Computer Science and Engineering , National Institute of Technology, Puducherry
38.	Dr. J. Senthil	Director, Department of Computer Science and Engineering , Nandha Engineering College
39.	Mrs. Thamizharuvi Arikrishnan	Data Scientist Architect , IBM India (P) Ltd., DLF, IT Park,Chennai
40.	Mr.Sukumar Shanmugam	Director, Pactron India Pvt Ltd, Coimbatore
41.	Mr.A.Arunprakash	Instructor,IIT Madras
42.	Akil Kumar A	V,Freelancer, Ex-Indian Council Member, IEEE.
43.	Dr.R.Ramesh,	Assistant Professor SrG, VIT, Chennai
44.	Mr. Vibhishan Kumar	Application Engineer, Jyoti Electronics, Hyderabad
45.	Mr.P.Obuli Raj,	Technical Specialist-Electromagnetic Simulations,, Robert Bosch, Coimbatore
46.	Mr.S.Selvakumar	Business Head, Power Projects, Chennai
47.	Mr.L.Ajoyraja	Organic farm, Pannimadai ,Coimbatore
48.	Mr.P.Saravanan	Technical Manager, Yokogawa India Limited, Bengaluru
49.	Mr.R.Mohamed Ghouse,	CEO, Kalchi Controls, Trichy.
50.	Mr. Kumarasan	Assistant manager, Board instrumentation, JK paper unit CPM, Gujarat

51.	Ms. Payel Saha	Heading Govt. Relations (East), Samsung Electronics
52.	Dr.K Rathnam	Chief Executive Officer , Milky Mist Dairy Foods Pvt Ltd., Perundurai - Tamilnadu – India
53.	Ms.T.Thaarani,	Managing Director, The Growth.
54.	Mrs. Vidhyadevi, MBA, M.Sc,	(Counselling & Pyschotherapy), IWN Conveyor, Erode Zone
55.	Dr. T. Senthil Kumar	Senior Lecturer , Universii Malaysia, Pahang
56.	Badri Narayanan Gopalakrishnan	Lead Advisor , Trade & Commerce, NITI Aayog, New Delhi
57.	Mr. Karthik Raj Sundarajan	Deputy Commissioner, Customers Department, Chennai Port.
58.	Ms.M.Jennifer	Senior Business Analyst , Financial Software and Systems, Chennai
59.	Mr.T.P.Senthil Kumar	Co-Founder, lamNeo.ai(Formerly Examly), Coimbatore
60.	Mr.G.N.Mohanraj	Senior Software Engineering Lead , Optim Insights, Chennai
61.	Dr.B.Ezhilavan	Managing Director, VEI Technologies, Chennai
62.	Mr.T.Vigneshwaran	Founder and CEO, Nandha Infotech, Coimbatore
63.	Dr. A. Sankar	Professor, PSG College of Technology Coimbatore
64.	Dr.Arun Sahayadhas	Professor , Vels Institute of Science Technology and Advanced Studies, Chennai
65.	Dr. S. Chandrakala	Professor, Sastra Deemed University, Thanjavur
66.	Ms.Anuradha Subramanian	Technical Project Lead, Wipro Limited, Bengaluru
67.	Mr.Mouleeswaran Subramaniyan	Technical Consultant, Wipro Limited, Chennai
68.	Dr. P.Muthu Kumar	Professor, Department of Mechanical Engineering IIT Guwahati.
69.	Mr.R.Muruganandam,	AVP-R&D, Sona comstar automotive technology, Kanchipuram.
70.	Mr.K.G.Rajaganesh	Proprietor, K.G.Automation, Kunnathur-638103.
71.	Mr.G.Ravichandran	General Manager – Commercial, Milky Mist dairy food pvt. Ltd., pattakkarapalayam, perundurai
72.	Dr.A.V. Raghu	Professor and Head, Department of Chemistry, Jain University, Bangalore

73.	Dr.M. Senthilkumar	Assistant Professor, Department of Chemistry NIT Kurukshetra, Haryana, India
74.	Prof. K. Balasubramanian	Dean Academics Head and Professor, Department Metallurgical and Materials Engineering, DIAT (DU), Ministry of Defence, Girinagar, Pune
75.	Dr.A.Sree Rama Murthy	Scientific Officer- F , Novel Chemical Sensors Section, IGCAR, Kalpakkam, Tamilnadu
76.	Dr. A. Mary Saral	Professor – Higher Academic Grade , Department of Chemistry School of Advanced Sciences VIT University, Vellore, Tamilnadu
77.	Dr.P. Senthilkumar	Head-Centre of Excellence in Water Research Professor , Department of Chemical Engineering SSN College of Engineering, Chennai
78.	Dr.G. Manikandan	Associate Professor , Department of Chemistry Government Arts College, Kumbakonam,
79.	Dr. R. Ramaraj FNA., FASc., FNASc.,	Professor of Eminence & DAE Raja Ramanna Fellow, Professor & Head , Dept. of Physical Chemistry(Retd.), School of Chemistry, Madurai Kamaraj University,
80.	Dr.S. Natarajan FASc., FNASc.,FNA.,FRSC.,	Professor, Framework Solids Laboratory, Solid State and Structural Chemistry Unit, Indian Institute of Science, Bangalore
81.	Dr.V.Subramanian,FASc., FNASc.,	Chief Scientist, Head & Professor , AcSIRCentre for High Computing, CSIR-Central Leather Research Institute, Adyar, Chennai - 600 020
82.	Dr.S. Baskaran, FASc, FNA., Professor	Department of Chemistry, Indian Institute of Technology Madras

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 endeavors, 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, 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 as at the national level.

I owe a profound debt of gratitude to my beloved Correspondent, President, Secretary, Treasurer and all the Trustees for their support and encouragement and their invaluable suggestions at all stages and helping us to shape this institution up as one of the best in the country.

I am confident that, Kongu Engineering College, 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
