

KONGU ENGINEERING COLLEGE
(Autonomous)
PERUNDURAI, ERODE - 638 052

ANNUAL REPORT

2015- 2016

The academic year 2015-2016 has been very purposeful and fruitful. This year witnessed many milestones in terms of achievements in Academics, Co-Curricular activities, Sports and games, Research & Development and consultancy activities which improved the quality of education and all-round development of the students.

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 high magnitude to meet the growing needs of the society. The College started with a modest annual intake of 180 students has grown to an annual intake of **2469** students at present. The total number of students on roll is **8437 including 265 Research scholars**. Out of the total strength 5258 are men and 3179 are women. The faculty strength is 521 of which 218 are women and **140** faculty are Ph.D. holders. In addition, 498 supporting staff are working in this institution. The staff student ratio in all the departments is maintained below 1:15 ratio.

1.1. Awards and Recognitions

- KEC Ranked **46th position at All India Level** and **1st Position in Self Financing Engineering colleges in Tamilnadu** by National Institutional Ranking Frame Work, Department of Higher Education, **Ministry of Human Resource Development**, Government of India.
- NAAC expert committee visited during 4th-6th, February, 2016 and **granted “A” grade** for 5 Years for our college.
- **Industry Institute Partnership Cell (IIPC)** received the **Sustainable Institute Industry Partnership (SIIP) Award 2015** consecutively for the second time from Society for Educational and Entrepreneurship Development Chennai on 4th July 2015.
- **Department of Management Studies** received **AIMS National Management Week Award** at the **27th AIMS Annual Management Education Convention**

- 2015 held at Shri Vishnav Vidyapeeth Vishwavidyalaya, Indore during 25th – 27th August 2015.
- **Received Best NSS Unit Award for the year 2014-2015 at University Level NSS Award Function** from Anna University, Chennai on 14.10.2015.
 - **Certified NI LabVIEW Academy School** was awarded to college by National Instruments during the Educators Day celebration, Bangalore held on 19.11.2015.
 - **In Career 360 April 2015 Issues**
 - **50th position** in India's 100 Best Engineering Research Institutions
 - **AAA+ position** in Engineering colleges in Tamilnadu
 - **7th position** in IP Stock criteria in India's 100 Best Engineering Research Institutions
 - **In The Week, June , 2015**
 - 80th Position among top 128 Engineering Colleges (including IITs, NITs, Govt., Private Universities, Govt., Govt. Aided and Private Engineering Colleges) in India.
 - 32nd Position among top 75 Pvt. Engineering Colleges in India.
 - 3rd Position all Pvt. Self Financing Colleges in Tamilnadu.
 - 21st Position among Engineering Colleges in South Zone.
 - **In outlook magazine, July 2015**
 - **1st Position in Self Financing Colleges in Tamilnadu** and **39th position at all India level** (including IIT's and NIT's)
 - **In Competition Success Review, July 2015**
 - **2nd Position in Self Financing Colleges in Tamilnadu** and **12th Position in Top Engineering Colleges of Eminence in India** among Engineering Institutes in India (including IITs and NITs)
 - **In Times of India – Times Engineering ranking 2015, June 2015**
 - **2nd position** in Tamilnadu and **24th position** in private engineering colleges in India
 - Ranked **57th position** at all India level
 - **Engineering Success Review Magazine, August 2015**
 - Ranked **2nd Position in Self Financing Colleges in Tamilnadu** and **26th Position in India** among Engineering Institutes in India (including IITs and NITs) by
 - **In The Week October 2015 issue, Our MBA department was ranked**
 - 104th Position among 155 Colleges (Government, Private and Aided)

- 83rd position among 134 self financing colleges in India.
- 29th position in south zone .

2.0. Programmes of Study

The college offers 11 B.E./B.Tech. programmes in Engineering, 3 B.Sc. programmes, 19 Master Degree programmes and 16 Ph.D programmes with a total intake of 2469 students.

During this academic year, a new course on B.E. Automobile Engineering was started with an intake of 60.

3.0. Infrastructural facilities

3.1. Buildings and Facilities

The college is spread over 167 acres of land. At present the total built-up area of the institution is 22.23 Lakh Sq.ft. Construction of Administrative Building – Annex and 2 Boys hostels are in the verge of completion at a cost of Rs.2870 **Lakh**.

3.2. Development of New Laboratories and purchase of Equipment

This year, the Management has spent **Rs.110.43 lakh** for the establishment of new laboratories namely Automobile lab in Mechanical, Research Lab in Mechatronics, Smart class room in ECE, Virtual communication and Mobile Communication lab in CSE, Advanced wireless network lab and Advanced computing lab in IT Department.

During this year, the college has spent a total amount of **Rs. 445.87 lakh** for purchasing of equipment, furniture, consumables and maintenance of buildings and Gardens.

3.3. Library: During this year, 1011 books were added at a cost of Rs.40.16 lakh in addition to the renewal of e-resources and journals.

3.4. Transport: 4 new buses at a cost of Rs.88 Lakh were added during this year. Now we have 80 buses to transport members of faculty, staff and student covering a radial distance of 70 KMs.

3.5. Power Supply: The campus is provided with uninterrupted supply of power with captive power generation capacity of 3125 kVA.

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

3.7. Dispensary: A full time doctor, staff nurse and one attendant are in place to provide health care to the students, faculty and staff. 2 Ambulances are made available round the clock for emergency needs.

4.0. Research and Development

133 special lecture programmes and 101 SDP/FDP/workshop were conducted in different disciplines in emerging areas. In addition 3 International conferences and 38 National Conferences/seminars were organized during this year.

This year, 26 of our faculty members were awarded Ph.D. degrees. 15 scholars have completed their Ph.D. from KEC Research Centres. So far 148 scholars have completed their Ph.D. from our Research Centres.

Our faculty members have presented **360 research** papers in International / National conferences and published **584** research papers in International / National Journals. In addition, **15** books were also published by our faculty.

This year, **150 invited guest lectures** were delivered by our faculty at various Institutions and Universities.

A special emphasis has been laid on Research activities at Kongu Engineering College. **This year, 26 faculty members were awarded Ph.D. degree, making the Ph.D. holders in the college to 140.**

Dr. S. Albert Alexander, Assistant Professor (SRG), Department of Electrical & Electronics Engineering, KEC received **YRaman Fellowships for Post Doctoral Research in USA** 2015-2016.

4.1. Research Projects

A grant of **Rs.33.01 Lakh** was received for 33 proposals by our faculty, from various Government funding agencies to carry out research projects and to conduct conferences, seminars and workshops. Few projects are in the pipeline.

4.2. MoU Signed

- MoU signed with C-DAC, Bangalore on 28.10.2015 for carrying on its education, training and research in a variety of areas on information Technology development and services
- MoU signed with TREND Instrumentation Chennai on 18.12.2015 for carrying on consultancy, training, internship, students projects and setting up of test bench.

4.3. Patents

Three patents are filed and are waiting for examination request. 3 more patents are pipeline to be filed during this month. These are in addition to nine patents granted earlier.

4.4. International Conferences organised

- **International Conference on “Emerging Approaches and Methods in English Language Teaching (EAMELT)”** was organized by English Department during 09.12.2015 and 10.12.2015
- **International Conference on “Transformation for Business Sustainability: Issues and Strategies”** was conducted by MBA Department on 26.02.2016 and 27.02.2016
- **International Conference on “Sustainable Materials, Design and Applications” (ICSMDA 2016)** was conducted by School of Building and Mechanical Sciences on 18.03.2016 and 19.03.2016

5.0. Physical Education

Excellent Sports facilities are available in the campus. The sports team of Volley ball, Basket Ball, Badminton, Table tennis, Hockey, Football, Tennis, Chess, Kabaddi, Cricket, Ball Badminton, Coco, Boxing, Shooting and Athletics performed very well in Anna University tournaments and CENTIES 2016. Special coaching camps were organized for developing the skills of students in all games and athletics.

5.1. Anna University Tournaments and TIES

During this year, remarkable achievements have been made by our students in sports and games. In Anna University Sports Board Zone-12, Inter Zone and National level tournaments, **Our College Athletic Team (Men & Women) won 34 Gold, 21 Silver and 11 Bronze medals and our Games Team (Men & Women) won 25 gold medals, 4 silver medals and 13 Bronze medals.**

Our college is the **Overall Champion (Athletics and Games)** in the Anna University Sports Board Zone 12 for the year 2015-2016.

4 Boys and 3 Girls of our college represented Anna University in Ball Badminton, Basketball, Hockey, Tennis, Volley Ball, Table Tennis and Athletics.

Ms.N.Nivetha, II B.E. CSE student won Gold medals in 41st Tamil Nadu State Shooting Championship-2015-(Rifle, Pistol and Shotgun), 41st Tamil Nadu Shooting Championship-2015 Shotgun and won Bronze Medal in 59th National Level Shooting

competition (Totally she got 4 Gold and 2 Bronze Medals in State, Regional and National level shooting Competitions).

5.2. Kongu Trophy

We conduct an annual feature Kongu Trophy State Level Inter-collegiate Tournaments in Nine disciplines for both Men and Women. This year the tournament was conducted from 18th September to 21st September 2015. 93 Men's and 29 Women's College teams participated in this tournament.

5.3. Mini National Volleyball championship (Boys and Girls) tournament organised during 27.05.2015 to 31.05.2015.

5.4. Tamil Nadu Inter-zone Tournaments for Police Personnel organized during 17.07.2015 - 19.07.2015 at our campus.

5.4. Annual Sports Day

32nd Annual Sports Day was celebrated on 5th April 2016 and the function was graced by **Ms.P.Anitha Captain, Indian Women Basketball Team** and Chief Ticket Inspector (Southern Railway), Chennai

6.0. Special programmes organized

6.1. Inauguration of 32nd Batch of I year BE./B.Tech programmes on 27.07.2015. Padmashri Thiru. SKM. Maeilanandhan, Founder Chairman was the Chief Guest.

6.2. Inauguration of 19th Batch of I year B.Sc and 10th Batch of I year M.Sc programmes on 15.07.2015. Tmt. P.Karpagavalli, Human Resource Consultant & Trainer, Chennai was the Chief Guest.

6.3. Tamil Journal namely "Kongu Thendral" released on 30.03.2016.

6.4. English Journal namely "EPIC" was released on 01.04.2016.

6.5. Enthusia 2016: A Cultural Fest - Enthusia 2016 was organised by KEC Fine Arts club during 10.03.2016 & 11.03.2016 to bring out the cultural talents of our students.

6.6. Thyroid and Eye Check up camps were organised by NSS for the students and staff of our college on 29.9.2015 and 02.04.2016 respectively.

6.7. Create awareness programme (SVEEP) on voting by NSS on 29.2.2016

6.8. Our student volunteers disbursed flood relief materials to the flood affected villages of cuddalore district and our staff contributed half day salary of December 2015 towards flood relief fund.

6.9. SWARAM 2016: A fund raising programme was organized by the Rotract club of KEC on 22.02.2016 in order to help the orphanage children and poor people in this region.

6.10. NSS Camp was organized at Govt. High School, Goundampalayam, Kanjikoil from 21.03.2016 to 27.03.2016

6.11. KEC-Thoorigai 2016 – Competition for differently abled school children conducted on 20.03.2016

6.12. Entrepreneurship Awareness camp was organized from 18.03.2016 to 19.03.2016

6.13. International Yoga Day was organized for NCC cadets of school and colleges in Erode district on 21.06.2015. 2800 students participated.

6.14. Women's Day Celebrated as **Shrishti'16** on 08.03.2016. Dr. K. M. Ramathal, Former Chair Person, State Commission for Women, Coimbatore was the chief guest.

6.15. Dr.C.Sylendra Babu IPS, ADGP, Coastal Security Group Tamilnadu delivered a lecture on "See u at the Top" on 08.08.2015.

6.16. Motivational lecture on "End of Education?" by **Thiru.U.Sagayam IAS**, Vice Chairman, Science City, Chennai was organized on 09.02.2016

6.17. Motivational lecture on "Role of young Indians in transforming nation" by **Thiru.P.Thirumavelan, Chief editor, Junior Vigadan** was organized on 04.03.2016

6.18. Special lecture on ""Purpose of Life" by **Mrs.Letika Saran IPS**, Teted Director General of Police, Chennai was organized on 01.04.2016

6.19. One day Orientation programme was organized on 27.06.2015 for Judicial officers and Para Legal Volunteers. Justice. Satish K.Agnihotri, Judge, Highcourt Madras, was honored this function.

6.20. Open House Exhibition: 14th Open House Exhibition was conducted by our college students from 21.08.2015 to 23.08.2015. 601 project models were exhibited for the benefit of the public.

6.21. The 28th Convocation of our College was held on 28th March 2016. **Dr.N.Sarat Chandra Babu, Executive Director, C-DAC, Bengaluru**, was the Chief Guest and distributed the Degree certificates to the students.

6.22. Academic Excellence Award function

The Kongu welfare Trust and the Kongu Engineering College awards / scholarships to meritorious students in academics and sports and also to physically challenged students to

the tune of **Rs.183 lakhs** was distributed on 02.04.2016, **Thiru.M.Rathinasamy, Commissioner of Income Tax**, Chennai was the Chief Guest.

6.23. Farewell day: The 29th Farewell day of our 2016 batch students will be held on 7th April, 2016 Thiru. Muki Regunathan, Founder and CEO, Pepper Square, Bengaluru will be the chief guest.

7.0. 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 75 training programmes for the benefit of industry and they have also taken up consultancy services, energy auditing, testing and generated a total revenue of Rs. 30.5 Lakhs of this academic year.

The IIP Cell has Seven approved Energy Auditors and One energy Manager extending their expertise to the nearby industries.

8.0. KEC - TBI(Technology Business Incubator):

The Technology Business Incubator @ Kongu Engineering College, first of its kind in India established with the grant-in-aid and support from Department of Science and Technology(DST), Government of India was established in August 2004.

So far **TBI supported 49 incubatees out of which 11 are our alumni. 74 products have been developed** in our TBI and launched, of which **two products are for export market**. TBI@KEC has conducted 177 Training, skill and knowledge enhancement programmes, courses and workshops for 5834 personnel – mainly students.

During this year, **Three innovative products have been developed** by incubatees at TBI@KEC. **One incubatee (alumni of our Institution 2013 batch – MBA) has been incubated** by TBI@KEC and **three incubatee have graduated**. Currently **7 products are under development**.

Presently there are 12 entrepreneurs developing various products and services in the emerging technology for catering to the industrial and societal needs. So far TBI has disbursed Rs.323.86 lakh to 27 beneficiaries including students for the development of products.

TBI@KEC bagged the National Award for Best Technology Business Incubator in 2013. The award was presented by the **President of India**.

Recently, one of our current incubatee (Alumnus 2002 batch MCA) for their software product "**Legalme**"(For Supreme Court and District Court lawyers) has bagged the "**CII Startupreneurs - Best Start-up 2016 Award**" under the category "Citizen Service Sector" with a **cash prize of Rs.2 lakh** during "CII Startupreneurs 2016 Expo for Startup" held at Chennai on 10.02.2016.

The above incubatee has also been selected for "**10,000 Startups**" **nurture programme** for their product "**Rosepath**" (a task completion engine). This programme is supported by both Central Government and NASSCOM with core partners such as Google, Microsoft, Amazon, Facebook and IBM.

In addition to nurturing entrepreneurship and product/ service development, TBI also organizes training programmes, workshops in addition to facilitating student projects in order to develop a talent pool of students. During this year 20 training programmes and 9 workshops were organized benefitting 1004 students and faculty. 4 student projects have been supported.

9.0. 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 KMS radius. The Kongu CRS serves 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 continuously evolving new procedures for the production of innovative programmes for the development of the Community with active participation of Faculty & Students. The special highlight is that 50% of the programmes are produced involving Community People.

10.0. Entrepreneur Management Development Cell

This cell has been established with a grant of Rs.7 Lakhs from AICTE to propagate entrepreneurship as a viable career and to provide training in entrepreneurial and management skills to students. This year 7 entrepreneurship programmes were organized.

11.0. Human Resource Development Cell

The main objective of HRD Cell is to harness the talents of faculty. Orientation and Pedagogical training programme organized for the benefit of the faculty.

12.0. Higher Education Cell and Competitive Examination Cell

About 13 Programmes were conducted during this academic year. Around 250 students participated in each of the seminar organised by this cell. Mr.S.Saravanan, IRS, Mr.Shiva Prakash, Regional Director, M/s. World Wide Education, Mr. Rajaa, Director, M/s. Pavithran Competitive Circle, Mr.T.Thiyagarajan, Director, M/s. TIME Institute, Mr. Saravana Kumaran Director, M/s. GATEFORUM Educational Services Pvt. Ltd., delivered special lectures on Higher studies. EduLaunch 2K16- Awareness programme organized during 21.8.2016 to 24.8.2016.

The cell guides students to know about various opportunities in US, Germany, UK, New Zealand, Australia, Canada, South Africa, Singapore for further studies after graduation and courses offered by Universities, fee structure, part time job opportunities, passport application and VISA procedures.

13.0. 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, 5 programmes were organized. Ms. Nivethika Sriram Entrepreneur & Correspondent of Kids Club International School, Mr. P. M. Senthil Kumar, YI- Co-Chair, Erode, Dr. K. Shanmugam, Dermatologist, Erode, Jaqulin Preethi, HR – Recruitment , Bosch India, Coimbatore, Dr. K. M. Ramathal, Former Chair Person, State Commission for Women, Coimbatore, delivered lectures on various topics.

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

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

During this academic year 22 programmes were organized by this forum. Some important activities are:

- World Consumer Day – Consumer Awareness Quiz/Essay Writing/Poem Competition conducted on 15.03.2016
- Awareness Programmes and workshops organized
- Pre-Budget workshop session on Indian Union Budget 2016-17 conducted on 20.02.2016
- Learning session on “Role of Young Indians in Transforming the Nation” organized on 04.03.2016

15.0. KEC- ALUMNI Association

The Alumni of KEC has taken up the responsibility in teaming up with our institution to make KEC a “Centre of Excellence”.

The third silver jubilee alumni meet (1990 Batch) was organized on 30.05.2015. Decade Meet (2005 Batch) – 2015 was also organized on 19.12.2015. Every department invites its Alumni for Boards of Studies and various guest lectures. Alumni chapters at Chennai, Hyderabad, Bangalore, Coimbatore, UAE, Germany, and U.S.A. are very active.

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

A full fledged NCC wing is functioning with 71 cadets. There are 17 programmes organized during this year.

- Participated in Combined annual training Camp at Kandasamy Kandar College during 13.06.2015 to 12.06.2015
- Celebration of International Yoga day on 21.06.2016
- NCC Day celebrated on 26.7.2015
- Tree plantation at KEC campus during 19.8.2015 – 23.08.2015
- Anti Tobacco and Drug Abuse Awareness Rally organized on 25.9.2015
- Blood Donation Camp organized on 01.10.2014
- Rain water harvesting rally conducted on 26.07.2014
- Swachh Bharat - Clean India Movement at Govt. High School, Vaikkalmedu on 2.10.2015
- To create awareness by Cycle Expedition on ‘Saving water and electricity’ from KEC to Chennimalai on 17.10.2015.

17.0. National Service Scheme

24 programmes were organized during this year. Significant ones are:

- PRASIDHI’16 Students level Symposium conducted on 19.02.2016
- Mega Blood donation camps conducted on 10.09.2015
- Special Camp organized at Koundampalayam, Kanjikoil during 21.03.2016 – 28.03.2016
- Campus Cleaning Programmes were organized during 5.7.2015, 9.8.2015, 30.8.2015, 13.9.2015, 20.12.2015, 10.1.2016, 24.1.2016, 13.1.2016 and 6.3.2016
- Participated in environment awareness rally on 16.10.2015.
- Drive for new Voter id enrolment and corrections in voter id on 20.2.2016 and 21.2.2016

18.0. 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 B.E./B.Tech students regularly attend the programme and willing senior students also join the training.

19.0. IGNOU Study Centre

Indira Gandhi National Open University(IGNOU), New Delhi, nominated Kongu Engineering College as one of the Study Centres to conduct programmes viz CIC, BCA, MCA, MBA, B.Tech. in Construction Management (BTCM) and B.Tech in Mechanical Engineering (BTME). At present, 83 students are pursuing their studies.

20.0. Visit of VIPs

Some of the distinguished guests who visited the college are:

Name	Designation
Thiru. U.Sagayam IAS	Vice Chairman, Science City, Chennai
Dr. S.Prabhakar, I.A.S.	Erode District Collector, Erode
Mrs.Letika Saran IPS	Retd. Director General of Police, Chennai
Dr.C.Sylendra Babu, IPS	ADGP, Coastal Security Group, Tamil Nadu
Thiru.M.Rathinasamy	Commissioner of Income Tax, Chennai
Prof. H. P. Khincha	(Former VC, VTU, Belgaum), Dept. Of Electronic Engineer, Indian Institute of Science, Bangalore
Dr.N.Sarat Chandra Babu	Executive Director, C-DAC, Bengaluru
Prof. V. K. Mahna	Former Professor of Mechanical Engineering and Dean, DCE, New Delhi
Dr. J. B. Naik	Professor, University Department of Chemical Technology, North Maharashtra University, Jalgaon
Prof.R.Jayavel	Director, Centre for Research, Anna University, Chennai
Muki Regunathan	Founder and CEO, Pepper Square, Bengaluru
Dr. K. M. Ramathal	Former Chair Person, State Commission for Women, Coimbatore
Mr. Thirumavelan	Editor, Junior Vikatan, Chennai
Ms.P.Anitha	Captain, Indian Women Basketball Team and Chief Ticket Inspector (Southern Railway), Chennai
Mr. R.P.selvasundaram	Managing Director, Renaatus Projects Pvt. Ltd., Erode.
Mr.Harikrishnan	CAAD Centre, Erode.
Mr.S.Sivalingam	Deputy Chief Engineer, Government of Tamilnadu, WRO-PWD, Coimbatore
Shrila Shri Rajasaravanamanikkavasaga Guruswamigal	Koonapatti Atheenam

Name	Designation
Mr.Ramesh Ramakrishnan	Senior Manager, ICRA Management Consultancy Services Ltd., Mumbai.
Er.R.Sivalingam	President, Federation of all Civil Engineering Association Tamilnadu and Puducherry, And Managing Director, Sigaram Constructions.
Er.R.Ilangovan	Superintending Engineer, Parambikulam Aliyar Basin Circle, Pollachi. Mobile: 9443330394
Er.K.R.Ganesh	Regional Head, M/S.B.E BillimoriaCo.Ltd., Chennai.
Dr.S.S.Chandrasekaran	HOD, Structural & Geotechnical Engineering, VIT University, Vellore.
Prof.C.Natarajan	Professor, Dept. of Civil Engineering N.I.T., Trichy – 15. Mobile: 09842453050
Dr. Chen Jianlin	School of Materials Science and Engineering Nanyang Technological University, Singapore
Dr.N.Arivazhagan,	Professor, Department of Chemical Engineering National Institute of Technology, Trichy.
Dr. G.Pugazhenth	Professor Department of Chemical Engg. IIT Guwahati
P.SanjayP.Danao	Professor & Principal, Department of Chemical Engg AISSMS College of Engineering, Pune
Dr.K.Kannan	Professor & Head, Department of Chemistry Government Engineering College, Salem
Dr.M.Easwaramoorthi	Professor, Department of Chemistry Jawaharlal Institute of Advanced Scientific Research, Bangalore
Dr. R. Kumaresan	Scientist, Fuel Chemistry Division IGCAR, Kalpakkam
Dr. S. Renganathan	Professor, Department of Biotechnology Anna University, Chennai - 25.
Dr.A.K.Samanta	Professor and Head, Dept of Jute and Fibre Technology Institute of Jute Technology, University of Calcutta Kolkata
Srimathy.Smriti Dagur	President, IETE, New Delhi
C.K.Haridas	IETE South Zone Co-ordinator, IETE South Zone Co-ordinator
Dr.P.N.Kumar	Chairman Coimbatore Centre, IETE
Dr. Vinod K Agarwal	Former Scientist, ISRO Satellite Centre, Bangalore and Director, CORI, PES University, Bangalore
Mr. M. Venkata Rao	Former Scientist, ISRO Satellite Centre, Bangalore
Mr. B.P.Vasanth Kumar	Founder and Editor-in-Chief, India Space Station, Bangalore
Dr.Vijaykumar	Professor and Head, Anna University, Coimbatore
Dr.Sampathkumar	Radiation Oncologist, Erode Cancer centre
Mrs.Uma Ramasubramanian	Japanese Trainer, Abk-Aots-Dosokai Coimbatore
R.Baskaran IES	Group General Manager, RailTel Corporation of India Ltd., Chennai
Mr.Elango Devy	Director, Diabetic FootCare India Pvt.Ltd, Chennai.
Mr. K.Ponnuswamy	GM(Systems) Seshasayee Paper and Boards Limited, Erode

Name	Designation
Mr.J.Abraham Jacob	Project Engineer in instrumentation, Kudankulam.
Dr.-Ing. G. Buvanashakaran	Director/Technical , Swagath Engineering, Coimbatore.
Mr.Giddeon Crawford	Associate director, Royal Bank of Canada, London.
Jc.HGF.Er.S.sambath	Assistant Executive Engineer , TNEB, Manargudi
Mr.R.Jayaraman	Senior Engineer and Section , Headin Protection Products Dept., EASUN Reyrolle Ltd- Hosur.
Dr. Abraham Panavelil	Professor , Dept. of Foreign Languages, College of Arts & Sciences, University of Nizwa, Sultanate of Oman.
Dr. Mitul Trivedi	President The Global Association of English Studies., Gujarat.
Dr. Kuang Ching Hei	Associate Professor , Faculty of Languages & Linguistics, University of Malaya, Malaysia.
Radha Krishnan	Managing Director, Angel Starch & Food Pvt Ltd, Erode
Satish Chamyvelumani	CEO, Atchayam's Food Box, Chennai
Dr. G. K. Patra	Principal Scientist , CSIR Fourth Paradigm Institution (Formely CSIR CMAAS) Nal Belur Campus Bangalore - 560037
V. Manu	DGM, Valvo Industries Pvt. Ltd Bangalore
Mr. Sanjay Bhattacharya	Creative Director, Fifth Estate Communication, Chennai
Mr. Stalin Gunasekaran	President, Makkal Sinthanai Peravai
Mr. Karthi Eswaramoorthy	President & Co Founder, Ticketgoose.com
Dr.G.Arumugam, Ph.D.,	Professor & Head , Department of Computer Science, Madurai Kamaraj University, Madurai-625021.
Mr.Nagarajan Raju	Manager, QA, Amazon.com
Dr.B.Ramadoss	Professor and Head , Department of Computer Applications, National Institute of Technology, Tiruchirapalli – 620 015.
Dr.K.Thangavel	Professor & Head, Department of Computer Applications, Periyar University, Periyar Palkalai Nagar, Salem – 636011
Dr. B. Vinod	Professor & Head, Department of Robotics and Automation Engineering, PSG College of Technology, Coimbatore – 641 004.
Dr. R. Vivekananda Shanmuganathan	Division Leader (Mechatronics), Professor, Robotics & Dynamical Systems Laboratory, School of Mechanical & Building Sciences,VIT, Vellore – 632 014
Mr. G Anbutambbi	Senior Engineer, Quality Service (Support New Product Development),Lakshmi Machine Works, Machine Tool Division,Arasur, Coimbatore
Dr. Ganesh Devaraj	Managing Director & CEO, M/s. Soliton Technologies Private Ltd., Bangalore
Dr.M.Chidambaram	Professor , IIT Madras Chennai
Mr. K.R. Vivekanandan	Head Automation , M/s. ARVI HITECH, Chennai
Mr.R. Logasundar	Deputy Manager, M/s. Parker Hannifin India Pvt. Ltd, Bangalore.

Name	Designation
D. Krishna Mohan	Section Head, , Moog India Technology Center, Bangalore
Dr. V. Marutharaj	Lotus Hospital and Research Centre, Erode
Mr. S. Radhakrishnan	Architect - EEX, Robert Bosch Engineering and Business Solution
Prof. K. Padmanabhan Panchu	Department of Industrial Engineering Anna University, College of Engineering, Guindy Campus, Chennai
Mr.Sthaneshwar Mysore	Regional Manager, Hospital & Health Care, Trimedx India Pvt. Ltd. Bangalore
Dr. Satish Vasu Kailas	Department of Mechanical Engineering Indian Institute of Science (IISc), Bengaluru
Dr. Terry W.J.Steele	School of Materials Science and Engineering Nanyang Technological University, Singapore
Dr. Chen Jianlin	School of Materials Science and Engineering Nanyang Technological University, Singapore
Dr. Sushanta Kumar Panigrahi	Dept. of Mechanical Engineering, IITM, Chennai.
Dr. N. V. Mahalakshmi	Professor & Head, Internal Combustion Engine Division, Department of Mechanical Engineering, Anna University, Chennai
Dr. Asokan Thondiyath	Professor, Department of Engineering Design, Indian Institute of Technology Madras, Chennai
Prof. S. Denis Ashok	Division Chair – Mechatronics,, School of Mechanical and Building Sciences, VIT University, Vellore – 632014.
Dr. C. Ramprasadh	Senior Assistant Professor , Department of Mechatronics, School of Mechanical Engineering, SASTRA University, Thanjavur – 613401.
Mr. V. Anantha Krishnan	Specialist Associate, Smart Manufacturing Division, Robert Bosch Engineering and Business Solutions Ltd, Bangalore
Mr. D. Krishna Mohan	Section Head – Qualification Test Engineering, MOOG India Technology Center PVT Ltd. Bangalore
Tmt.P.Karpagavalli	Human Resource Consultant & Trainer, Chennai
Dr.A.Clementking	Associate Professor, Department of Computer Science King Khalid Univeristy, Kingdom of Saudi Arabia
Dr.Subrata Chattopadhyay	Senior Director, Principal Investigator – GARUDA Centre for Development of Advanced Computing, Bangalore
Ms.Manjula Narashiman	Head-Presales & Finance(MIS), President- Coimbatore Chapter Information Systems Audit and Control Association(USA) Coimbatore
Mr.P.Durai Samy	Chariman and Managing Director, INTECH systems Chennai
Mr. Raja Krishnamoorthy	Actor, Director, script writer, Director HRD Talent Maximus
Mr. Ram Subramaniam	Entrepreneur , Shiva Systems, USA
Mr.Siva Prakash	Regional Director of Worldwide Education, Salem
Mr.S.Kumara Rajan	Chairman, The Institute of Cost Account of India, Madurai Chapter, Madurai.
Mr.S.Saravanan	IRS Officer, Bhavani.

Name	Designation
Thiru. Diwakar S	Senior Officer, HR, ,Doosan Power Systems India Private Limited, Chennai.
Dr. Samir Kumar Pal	Professor, Department of Mining Engineering, Indian Institute of Technology, Kharagpur
Dr. Ashok Kumar Nallathambi	Junior Professor and Researcher, Institute for Fluid Dynamics and Thermodynamics, Otto – von - Guericke University Magdeburg Magdeburg, Germany
Dr.ManuSanthanam	Professor , Department of Civil Engineering Indian Institute of Technology Madras
Dr.Ram Bilas Pachori	Professor,IIT-Indore, Madhyapradesh.
Mrs.J.J.Niranjana Devi	Assistant General Manager, Central Electrical Maintenance Department, Salem Steel Plant,Steel Authority of India Limited, Salem.
Mr.S.Sivanandan	Senior Manager - Software Quality, Aricent Technologies, Chennai.
Mr.J.Vishnuvardhan	Chairman and Managing Director, Trend Instrumentation and Automation Pvt. Ltd., Chennai.
Dr. Arun K. Tangirala	Professor, Department of Chemical Engineering, IIT Madras, Chennai.
Mr.Muthusami	DGM - Instrumentation Department, SPB, Erode.
Dr.S.Prema	Senior Medical Officer, SGMET Trust Hospital, Erode.
Mr.V.Kesavamoorthy	Senior Section Engineer, Electric Loco Shed, Southern Railway, Erode.

21.0. Faculty and Staff Activities

During this year, 49 new faculty and 21 non-teaching staff joined the institution and 18 faculty and 4 non teaching staff left the institution.

21.1. Staff Development and Career Planning

This year **149 faculty** members and **57 Non teaching staff** were **deputed to different training programmes** related to their specializations.

26 faculty were permitted to register for Ph.D. during this academic year.

203 faculty members attended various **Winter / Summer schools, SDP, and STTP**. **140** faculty members attended **International conferences and seminars** and **87** faculty members attended **National conferences and seminars**.

21.2. Awards and other recognitions received by our faculty

- **Prof.S.Kuppuswami**, Principal of Kongu Engineering College received **Best Academic Administrator Award** for the Year 2015 from Venus International Foundation, Chennai – Centre for Advanced Research and Design on 05.07.2015.

- The following faculty members have received prizes from **ISTE – Srinivasa Ramanujan Mathematical Competitive Examination** 2014-2015 – Engineering College (Teachers Category) conducted by Indian Society for Technical Education, New Delhi.
 - Ms.K.V.Tamil Selvi, Assistant Professor, Maths – First Prize in Zonal Level on 09.01.2015.
 - Dr.D.Kalamani, Associate Professor, Maths – Third Prize in Zonal Level on 01.01.2015
 - Dr.D.Kalamani, Associate Professor, Maths – Second Prize in National Level on 25.02.2015
- Dr.P.Navaneethakrishnan, Professor & Head., Mechanical received **Outstanding Engineer Award** from Coimbatore Local Centre of IE(I) during Engineers day Celebration 2015 at PSG College of Technology, Coimbatore on 15.09.2015
- Dr.A.Manimaran, Assistant Professor (SLG), Department of Mathematics, KEC received Best **NSS Programmer Award** in University Level NSS Award Function at TAG Auditorium, Anna University, Chennai-25 held on 14.10.2015.
- Dr.S.Kuppuswami, Principal, KEC received **Achievement Award** in IETE Foundation Day Celebrations Function at The Institute of Electronics and Telecommunication Engineers Erode Centre held on 02.11.2015.
- Dr.S.Albert Alexander, Assistant Professor (SRG), Department of Electrical & Electronics Engineering, KEC received **IEI Young Engineers Award** on the occasion of Thirty-First National Convention of Electrical Engineers held at Madhya Pradesh State Centre, Bhopal on 17th & 18th October 2015.

- The following faculty members received various awards from Venus International foundation Chennai on 19.12.2015

S. No.	Name of the Faculty	Department	Name of the Award.
1.	Dr. P. Navaneethakrishnan, Professor	Mechanical	Outstanding Scientist
2.	Dr. P. Balasubramanie, Professor	CT-PG	Outstanding Scientist
3.	Dr. P. N. Palanisamy, Professor	Chemistry	Outstanding Scientist
4.	Dr. A. Tamilarasi, Professor	MCA	Distinguished Scientist
5.	Dr.K.Nirmal Kumar, Professor	Civil	Young Scientist
6.	Dr. S. Albert Alexander, (SRG)	EEE	Young Scientist Award

- The following faculty members received various awards from **ASDF**, (Association of Scientist, Developers and Faculty) Pondicherry on 30.04.2015 on 30.11.2015

S. No.	Name of the Faculty	Department	Name of the Award.
1.	Dr. P. Navaneethakrishnan, Professor	Mechanical	Best Professor
2.	Dr.N.Senthilnathan, Professor	EEE	Best Professor
3.	Dr.K.Nirmal Kumar, Professor	Civil	Best Professor
4.	Dr.J.Prakash Maran, AP	Food Tech	Best Academic Researcher

- Dr. P. Balasubramanie, Professor, Department of Computer Technology (P.G.) , KEC received **Bharat Seva Ratan Gold Medal Award** from Global Economic Progress & Research Association, Chennai on the occasion of 31st National Seminar on 'Individual Achievements & Service to the Nation' held on 26.12.2015.
- Dr. S. Albert Alexander, Assistant Professor (SRG), Department of Electrical & Electronics Engineering, KEC received **ISTE-Sayed Ali National Award for Outstanding Research Work** in the field of Renewable Energy from Indian Society for Technical Education, held at HVPM's College of Engineering & Technology, Amravathi on 9th -11th January, 2016.
- Dr.P.Karthikeyan, Assistant Professor (SRG), MBA, KEC, **Best Citizens of India Award 2015** from International Publishing House, New Delhi (September 2015)
- Dr.P.Karthikeyan, Assistant Professor (SRG), MBA, KEC, has received **Best Faculty Award from Navaraj Educational Trust**, Coimbatore on 28.02.2016.

- Dr.M.Thangamani, Assistant Professor, CT-UG, have received **Award of Women of Distinction** from Centre for Women Empowerment, Venus International Foundation on 5th March 2016, Chennai.
- Dr.M.Thangamani, CT-UG, has been endorsed with **Senior Woman Educator & Scholar Award** from National Foundation for Entrepreneurship Development (NFED) on 8th March 2016, Coimbatore.
- Mr.G.S.Rampradheep Assistant Professor , Department of Civil Engineering has been awarded **Young Researcher and Best Achievement** from TOP Engineers, an International society on 27.03.2016.

22.0 Students Activities

22.1. Performance of Students in Autonomous Examinations: 1784 students graduated from this Temple of Learning in the examinations conducted during April / May 2015

22.2. Performance in GATE Examination: 9 Students were qualified in the GATE examination 2016.

22.3. Placement and Training Cell

Through campus interviews, **1402 placement offers** were received so far from various reputed firms during this year. The remaining students are expected to be placed before the end of this academic year.

During this year 223 students were permitted to do internship in various companies.

22.4. Performance of Students in Co-curricular activities

During this academic year, our students presented papers in the state / national level Seminars and Symposium conducted at our institution and also in other institutions. Totally **2110 papers presented out of which 741 papers were presented** in other institutions and **won 121 prizes**. Our students also won **315 prizes in other contests** like Quiz, Technical contest, projects etc.

Most significant achievements at IIT's NIT's at National level are given below:

- Mr.N.Dhinesh Kumar and Mr.S.Deepak, III CSE won Best Idea for Project presentation held at **Indian Institute of Technology, Varanasi** on 27.02.2015
- Mr.K.Harish and Mr.C.Gowtham, III B.Tech FT won Third Prize for Paper Presentation in National Level Students Symposium held at **National Institute of Technology** on 21.03.2012

- Mr.V. Harish and Mr.R.Leoprabhu, II B.Tech, Chemical won First Prize for Paper Presentation in Annual Symposium held at **Indian Institute of Technology, Guwahati** on 28.03.2015
- Mr.S.S.Darun Prakash, III Mech, won Best Paper award entitled “Dynamic Risk Identification using Fuzzy failure mode effect analysis in fabric process industries: A research article as management perspective” in **XIII International Conference held at Dubai, UAE** on 31.01.2015
- Mr. Prathap & Ms.K.Saranya of students receives **Best Volunteers in University Level NSS Award Function** held at Anna University, Chennai on 14.10.2015.
- Mr.K.Suresh & Co, Final Mechanical Student won I Prize with cash award **Rs. 1 Lakh for Project Presentation at Futura’2015** held at Bannari Amman Institute of Technology, on 15.10.2015.
- Mechatronics students won **I, II and III Prizes** with Rs. 25,000/- cash award for Robowars at Futura’2015 held at Bannari Amman Institute of Technology, on 15.10.2015.
- M.Pradeep Kumar, K.Karthikraja, K.Sathishkumar, R.M.Vignesh, L.Santosh, H.Safiulla, III year B.E. Mechatronics Engineering won the Second prize in Robowar competition, Visvesvaraya **National Institute of Technology, Nagpur** from 16th to 18th October 2015
- B.Suresh, R.Sharmin, K.Suresh, B.Shankar, Mech, IV Year, got Best **Innovation Award & Rs. 1,00,000/- Cash prize** in A National Level Technical Project Exhibition & Competition SRISHTI 2016 for the Project “Multi Harvester and Land Preparator” held at Saintgits College of Engineering, Kottayam, Kerala on 28.01.2016.
- V.S.Abishek, R.Abishek, K.V.Meir Aravind, MTS, III Year got Rs. 50, 000/- Cash Prize in Centre for **Social Innovation and Entrepreneurship** for the project “Design of Automated Toilet for Bedridden Persons” held at **IIT Madras** on 28.01.2016.
- M.Kowsalya, M.Kousalya, R.Naveen, B.Jayakarathi, B.Tech IT, III Year, won Third Prize & Rs. 12,500/- Cash Award in Centre for **Social Innovation and Entrepreneurship** for the Project “Low cost Add-on Wireless System” held at **IIT Madras** on 28.01.2016.
- S.Vaibav Sharan & S.Shathes Kumar, EIE, III Year, got Third place in National Level symposium for the paper titled “Mass Raver” held at **NIT, Trichy** on 13.02.2016

- KEC Students grab the following Prizes in **National Institute of Technology**, Calicut on 20th & 21st February 2016.

S. No.	Name of the Students	Year and Branch	Name of the event	Prize
1	R.Bharathi J.M.J. Raynerpacha	III year ,FT III year, Chemical	Paper titled “Food Process Engineering (Fruit Leather)”	I
2	Mari Vanathy and Manoj Kumar	III year, FT	Paper titled “Utilisation of Pomace from Wine Industry”	II
3	Aishwarya and C.Divya	III year, FT	Paper titled “Automatic Pineapple Peeling and Slicing Machine”	III

- S.Naveen Kumar, S.Mohan, S.Mohammed Shameer, III Year IT, **got First Prize with a cash award** in a National Level Technical Symposium for the Project titled “Accident Avoidance System” held at **Anna University, Chennai** on 26th to 28th February 2016
- S.Kiran Kumar, N.Manoj, S.Manibalan & M.Nalin Kumar, **II Year Civil, got Third place** in a National Level Event for Showcase their developed product titled “Poor Men Tiles” held at **IIT Madras** on 4th to 6th March 2016.
- E.Bharath Krishna, J.Jayaprakash, J.Sakthi Nathan, K.Shanmuga Priyan & Dinesh Kumar, IV Year, Civil got **First Place in National Level Event** for Project display titled “Multi-Purpose Automatic Tiles Laying Machine” held at **IIT, Bombay**, on 12th to 13th March 2016.
- R.Saranya, Sruthi S Kumar, Srinath, Saran Sundhar & Sarath Kannan, III Year, Civil got **Fourth Place** in National Level Event for paper titled “Waste to Watt and Water” held at **IIT, Bombay**, on 12th to 13th March 2016.
- KEC Students grab the following Prizes in TAFE INNOVISTA 2015-2016 on 29.03.2016 at Chennai

S. No.	Name of the Students	Branch	Title of the Project	Prize won
1	B.Suresh, R.Sharmin, K.Suresh and B.Shankar	B.E. Mechanical	Multi Harvester and Land Preparator	Overall Best Award
2	V.Naveen kumar , S.Gowtham, N.Karthick, R.Gokulakrishnan	B.E. Mechatronics	Automatic broomstick making machine	I Prize
3	C.S.Pujaa and A.Dharani	B.E. Mechatronics	Restaurant Automation	II Prize
4	R.Sindhumathi, D.Prakash, A.Vignesh	B.E. EIE	An Intelligent Ear	I Prize

- Alameen, Naveen, Lakshmanan and Loganathan, Final Mechatronics students won **II Prize** for Project Presentation “Puzzle Solver” on 19.03.2016 at **IIT Bombay**

22. 5. Value Added Courses

Apart from the syllabi prescribed in the curriculum, students are also exposed to the latest technology through value added courses conducted by each Department. This year 90 such courses were conducted.

22.6. Training to the students

During this academic year, 218 training programmes have been conducted to impart necessary soft skills to students to perform well in the campus interviews. 81 Industrial visits and 213 inplant trainings were arranged.

22.7. Business English Certificate (BEC) course

Apart from regular English classes, we offer the Business English Certificate course in association with DOTE-BRITISH Council to the students at two levels namely Vantage and Preliminary.

22.8. English Proficiency Club

The club enhanced the English language proficiency of inside the campus. Some important activities of the club are :

- A one day non-technical symposium ENFESTAV 2.0 was conducted on 16.03.2016.
- A one day non-technical symposium was conducted on 29.03.2016

22.9. Srinivasa Ramanujan Mathematics Club

To evince interest in students towards Mathematics competition are conducted and awards given to the winners. Some of the important activities of the club are :

- A one day state level Mathematical symposium MATHE FIESTA 2016 was conducted on 19.02.2016.
- A one day workshop on vedic maths was conducted on 19.03.2016

22.10. 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 188 activities were conducted including National level technical symposiums.

22.11. News Letter: We regularly publish news letters quarterly in each department.

22.12. Scholarships to Students

Academic

50% tuition fee concession to the top 5% students in each class. Tuition fee waiver scheme has been implemented to the students who are economically backward for the entire tenure of their studies.

100 Meritorious students from Government schools are given free education.

Sports

Free education is given to the talented students in sports and games. This year 42 Students got benefited.

During the academic year a total of Rs. 183 Lakh was distributed.

22.13. Government and private Scholarship

During this year, 3262 students of Kongu Engineering college received Rs.356.20 lakh of scholarships amount from Tamilnadu State Government, Central Government and Private trusts.

22.14. Insurance

All Staff and Students of the college are insured under Accident insurance scheme.