



EXCEL ENGINEERING COLLEGE
(Autonomous)
KOMARAPALAYAM
15th ANNUAL REPORT: 2021-22

1. Introduction

Good Morning to one and all present here...!

I feel honoured and privileged to present the Annual Report of Excel Engineering College (Autonomous) as its 7th Principal.

First and foremost, I would like to express my gratitude to the Honourable Chairman Dr. A. K. Natesan and the Vice Chairman Dr. N. Mathan Karthick, for giving me this opportunity to lead this institution and present before you all, the achievements this institution has been able to attain with the cooperation and selfless dedication of all the Department faculty members. The heads of Departments and senior professors have taken upon themselves the burden of assisting their juniors to make the institution shine out before all other institutions within this locality as well as in the State.

Excel Engineering College has overcome many an obstacle posed by the pandemic and the following economic stagnation and once again the Campus is vibrant with activity both academic and co-curricular. The social organizations of our students have inspired the people living in and around this area and this is something cherished by our Honourable Chairman. Similarly the achievements of our students in academia as well as sports and games, have lifted the name and fame of Excel Engineering College.

The Sri Rengasamy Educational Trust was started with the noble vision of our beloved Chairman, Prof. Dr. A. K. Natesan, to provide quality education for the rural students in the year 2001. He has been supported by the Managing Trustee, Mrs. N. Parvathy; the Vice-Chairman & Secretary, Dr. N. Mathan Karthick, who is basically a doctor by profession; and the Director of EPS, Mrs Kaviarasi.

Dr. A. K. Natesan is the

- Honorary Chairman, Excel Group Institutions & the Kavery Educational Trust
- Held the post of District Governor of Rotract International District-2982 for the year 2019-2020
- Among many other positions held, he is the Secretary, The Association of Managements of Coimbatore Anna University-affiliated colleges

- **Aeronautical Engineering**
- **Agriculture Engineering**
- **Biomedical Engineering**
- **Civil Engineering**
- **Computer Science and Engineering**
- **Electronics and Communication Engineering**
- **Food Technology**
- **Information technology**
- **Mechanical Engineering**
- **Safety & Fire Engineering**
- **Artificial Intelligence & Data Science**
- **Computer Science And Business Systems**
- **Petro Chemical Technology**
- **Electrical and Electronics Engineering**

PG Courses (11) (Total strength 480)

- **M.E Aeronautical Engineering**
- **M.E. Applied Electronics**
- **M.E. Computer Science & Engineering**
- **M.E. Environmental Engineering**
- **M.E. Structural Engineering**
- **M.E. Thermal Engineering**
- **M.E. Industrial Safety**
- **M.E. Embedded System Technologies**
- **M.E. Power Electronics and Drives**
- **Master of Business Administration (2 years and 5 years)**
- **Master of Computer Applications**

3 Awards & Recognitions

- Excel Engineering College has been recognised under 2(f) and 12(B) of UGC act and accredited by NAAC with A+ Grade.
- Department of Aero, CSE, ECE & Mechanical have been accredited by the India's top notch accreditation body NBA upto 2025.
- Anna University has conferred permanent affiliated to Aero, Civil, CSE, ECE and Mechanical Engineering.
- Department of CSE, ECE & Mechanical have been recognized as "Research Centre for Ph.D." by Anna University, Chennai. 7 scholars received Ph.D. Degree from our Research Centre.



- ARIIA “Band -PERFORMER” – from the Ministry of Education, Government of India
- Secured the 193rd Rank among the Top 200 Private Engineering Colleges – by India Today
- AA+ Rated Institution by Career-360
- AICTE – ELITE Brand conferred in 2022
- 3 Star Rated Institution Award by Innovation Council (IIC) of MHRD
- Secured the 29th Rank in the Top 50 Private Engineering Colleges awarded by The Academic Insights
- The Final Year Aeronautical Engineering student Bijay Kumar Sha, got the ISTE Chapter’s “Best Student Award”
- Four Faculty members received awards from various professional societies and academy as follows:

Faculty Name	Award
Dr. N. Nandhagopal	Innovative Researcher & Dedicated Teaching Professional Award
Ms A. Anitharani , Ms P. Narmatha	Best Woman Faculty Award 2021-22
Dr. A. Vasantharaj	Award of Excellence in Research-2021. Shodh-Guru National Award 2022

4 Institution Innovation Council

- Excel Engineering College has successfully completed the 2nd Quarter

events this year under the Institution's Innovation Council, an initiation of MHRD. Under this Council, **9 teams (54 Students) participated** in Smart India Hackathon-2021.

- Design Thinking Workshop, IPR seminars, National Science Day celebration, Innovation Day celebrations and various extension activities have been conducted through IIC. **2 faculty members** have attended the Innovation Training Series.

5 Patents and Online Course (Faculty)

- **14 patents** have been published this year by our faculty members from various departments. Mrs. G. Kiruthka from MBA, Mrs. V. Ramya from CSE, Dr A. Vasantharaj, Dr K. Tamilarasi, Dr S.P. Kesavan, Mrs A. Anitharani, Mrs K.Kodeeswari, Mr M.Ramesh, Ms S.Theivanayaki, Mr V. Arun Antony, Ms M. Ramya, Ms R. Preethi, Dr N. Venkatachalam, Mr N. Sampath Kumar from Mechanical, Dr V. S. Arulmurugan, Mr S. Sankarananth, and Mr R. Gobu from EEE.
- **44 students and 7 faculty members** got certification from NPTEL online courses.
- **363 faculty members** have participated in various workshops, seminars and FDP from premier institutions.

6 New PhD Degrees conferred:

Dr A. Karthikeyan, Dr N. Tamilselvan from Mechanical, Dr K. Tamilarasi from ECE , Dr S. Kavitha from S & H, Dr K. Mohanraj from EEE, Dr. A. M. Sakthivel and Dr. T. Habeebur Rahman from PCT have received their PhD degrees in this academic year 2021-22.

7 Workshop / Training / Technical Events & MoU

- Two students' projects have been selected by **FAER** for presentation.
- Eight Students' Projects have received fund from TNSCST.



- **10 MoUs** have been signed with various reputed Industries.
- All the Departments have organized **145 technical events** such as symposia, workshops, guest lectures, seminars and conference for the benefit of students.
- **85 luminaries** visited our campus for various technical events in this academic year to bridge the gap between industry and academia.
- **Over 600 Hours of In-house technical training** conducted for the final year students for their placement including the company based training.
- **3 workshops** have been conducted by the ICT-Academy whereby **7 faculty members** and **176 students** got benefited.
- **2000 students** have participated in various external events like Technical Symposia, Conferences, Workshops, Quiz, Debugging, Project Exhibition and other Events & **21 students** won prizes.

8 Library Data

Excel Engineering College Library houses

- 20,106 Titles
- 46,299 Volumes
- 9,368 e-books &
- 168 Journals.

9 Scholarships

The institution offers various scholarship schemes to the students:

- **804** students received **SRET** Scholarship to the tune of **Four crore, ninety-eight lakh, seventy-seven thousand, nine hundred and thirty Rupees. (Rs.4,98,77,930/-)**
- **666** students received BC/ MBC Scholarship to the tune of **Rs.49,25,475/-**
- **605** students received Post Metric Scholarship tuned to **Rs.1,61,15,000/-**

More than **2100 students** are pursuing their education through various scholarship schemes.

TART Scholarship Exam was conducted on May 27th for +2 Students and more than **2000** of them participated and got benefitted.

10 University Ranks

8 students secured **Anna University Ranks**

Name of the Student	Rank	Department
LOVELY DUTTA	1 st	Petroleum Engineering
AYANTH KUMAR R	6 th	Petroleum Engineering
KENZIE W	4 th	Petrochemical Technology
ANMOL KRISHNA MOHAN CHAUDHARY	5 th	Aeronautical Engineering
SUDHARSHAN P	6 th	Aeronautical Engineering
NAGULAN M	1 st	PG – Industrial Safety
ARUN KUMAR S	2 nd	PG – Industrial Safety
RAJASEKAR L	3 rd	PG – Industrial Safety

11 Publications and Funds Received by Faculty

- **132 papers** have been published by our faculty members and students in various National and International journals and conferences.
- **2 Funding Agencies** have sanctioned a total amount of **Rs. 13, 28, 500** from 7 proposals.

- Dr A. Vasantharaj, Associate Professor of electronics and Communication Engineering published the book “Embedded and Real Time Systems” through Scientific International Publishing House Pvt Ltd.
- Dr. S. Sreethar, Associate Professor of Computer Science and Engineering has published a book “Data Science” in Jayalakshmi Publications.
- Mr S. Sankarananth, Assistant Professor of Electrical Engineering has published a book “Demystifying Big data Machine Learning, and Deep learning for healthcare Analytics” in Elsevier (Academic Press)

12 Placement

- **412 students** have been placed in various reputed companies/ industries with highest salary package of **9.5 Lakh** per annum
- **186 students** have completed their in-plant training and **443 students** completed their internship in various industries.
- **153 industrial projects** have been carried out by our students in renowned industries.
- Science and Mathematics day has been celebrated along with the Tamilnadu State council for Science and Technology.

13 Curricular / Extra Curricular Activities

- T. Vignesh, of 2nd year Aeronautical won **I prize** in Dindugal District Kabadi Association, Under 60kg, 70kg and also in the open match.
- R. Harish, Final year MBA won the District Championship in Ooty Football Association Match and was selected for the State Team as well as for the Santhosh Trophy in the **First-30 Player** selection out of **600 players**.
- Tamilnadu Volley Ball Association conducted a state level match in our campus for two days. **32 teams** from Tamilnadu participated.
- Our Students participated in extra-curricular activities and got many prizes at the University, Zonal and District levels.
- Our students participated in Swatch Bharath campaign in nearby villages.

14 Awareness Camp

- Mega Blood donation camps have been organized along with Rotract club. More than **120** staff members and students donated blood.
- COVID -19 Medical vaccination Camps were organized in our campus. More than **1700** members including staff and students benefited from these camps.
- Road Safety, Helmet Awareness, Computer literacy, Save Earth, Planting Trees, etc. are the awareness camps conducted for the benefit of the local society.

15 Graduation Day

Ninth Graduation day was held on 8th March 2020 and 233 graduates received their degrees.

16 Professional Society/ Club

More than a dozen Clubs & Cells are operating in our campus for the personality development of our students.

- NCC, NSS
- Fine Arts Club
- Literary club
- Maths Club
- Science Club
- Rotaract Club
- Trekking Club
- Entrepreneurship Cell
- Youth Red-Cross
- Red Ribbon Club (RRC)
- Green Club & Swach Bharath
- LEO Club
- Tamil Mandram

Professional Societies develop knowledge and skills in our students:

- ISTE, IEI, IEEE, AESI, ISAE, CSI, IETE, ICI, LICIIIE, ISIE, SAE, ISCA

We strive to provide quality education to our students so that when they leave us they will think gratefully of EEC - their Alma Mater. To attain this status, the Honourable Chairman Sir, Vice-Chairman Sir and the Management Team play a wonderful role.

Thank You.

(Dr. K. Bommanna Raja, BE, MTech, PhD)