

RANE POLYTECHNIC TECHNICAL CAMPUS



NINTH ANNUAL REPORT

2019 – 2022

Contents

Introduction

Rane Group

Vision, Mission and Guiding Principles

Academic Highlights

National Service Scheme

Canada India Institutional Cooperation

Project

Concluding Remarks

Introduction

Good evening Ladies and Gentlemen.

On behalf of the staff and students of Rane Polytechnic Technical Campus, I take immense pleasure in welcoming this august gathering to the 6th Annual Day Celebrations, a significant landmark in the journey of the Institution. I am extremely privileged and honored to welcome our Chief Guest Mr.Chandrasekharan Kunjithapatham, CEO, National College Council, Trichirappalli, Mr.R.Venkatanarayanan, Member of Rane Polytechnic Governing Council and President - Corporate Services, Rane Group, Members of RPTC Governing Council, employees of Rane, beloved colleagues, students, parents and other distinguished guests.

Rane Group

Headquartered in Chennai, India, Rane Group is engaged primarily in manufacturing auto components for well over five decades. Rane Group is a preferred supplier to major OEMs in India and abroad. Through its group companies, it manufactures Steering and Suspension systems, Friction materials, Valve train components, Occupant safety systems, Die-casting products and Connected Mobility Solutions.

Its products serve a variety of industry segments including Passenger Vehicles, Commercial Vehicles, Farm Tractors, Two-wheelers, Railways and Stationary Engines.

Rane Group has more than 25 modern manufacturing facilities in India and USA. Rane Group's products are sold across 30+ countries. It possesses state-of-the-art product development and validation capabilities. Three of the group companies have won Deming Grand Prize and five of the group companies have won Deming Prize.

Rane Group is a long term partner of choice to leading automotive companies and Tier 1 suppliers, globally.

Rane's CSR vision is "to be a socially and environmentally responsible corporate citizen". The endeavor of the group is to channelize efforts towards addressing key societal issues and constantly strive for creating a positive impact in the community. The focus areas are Education, Healthcare, Environment and Community Development.

Rane Foundation, a public charitable trust founded in the year 1967 plays a significant role in identifying, implementing and monitoring special projects in line with the group's philosophy on behalf of the group companies.

RPTC was established in Sethurapatti village, Trichy in 2011 with a vision to be the best industry relevant technical education institute in the region, enhancing employability of rural youth and promoting entrepreneurship for nation building. It is approved by AICTE, affiliated to DOTE. Since its inception RPTC has contributed to the industry needs and sustainable development of rural youth.

Vision, Mission and Guiding Principles

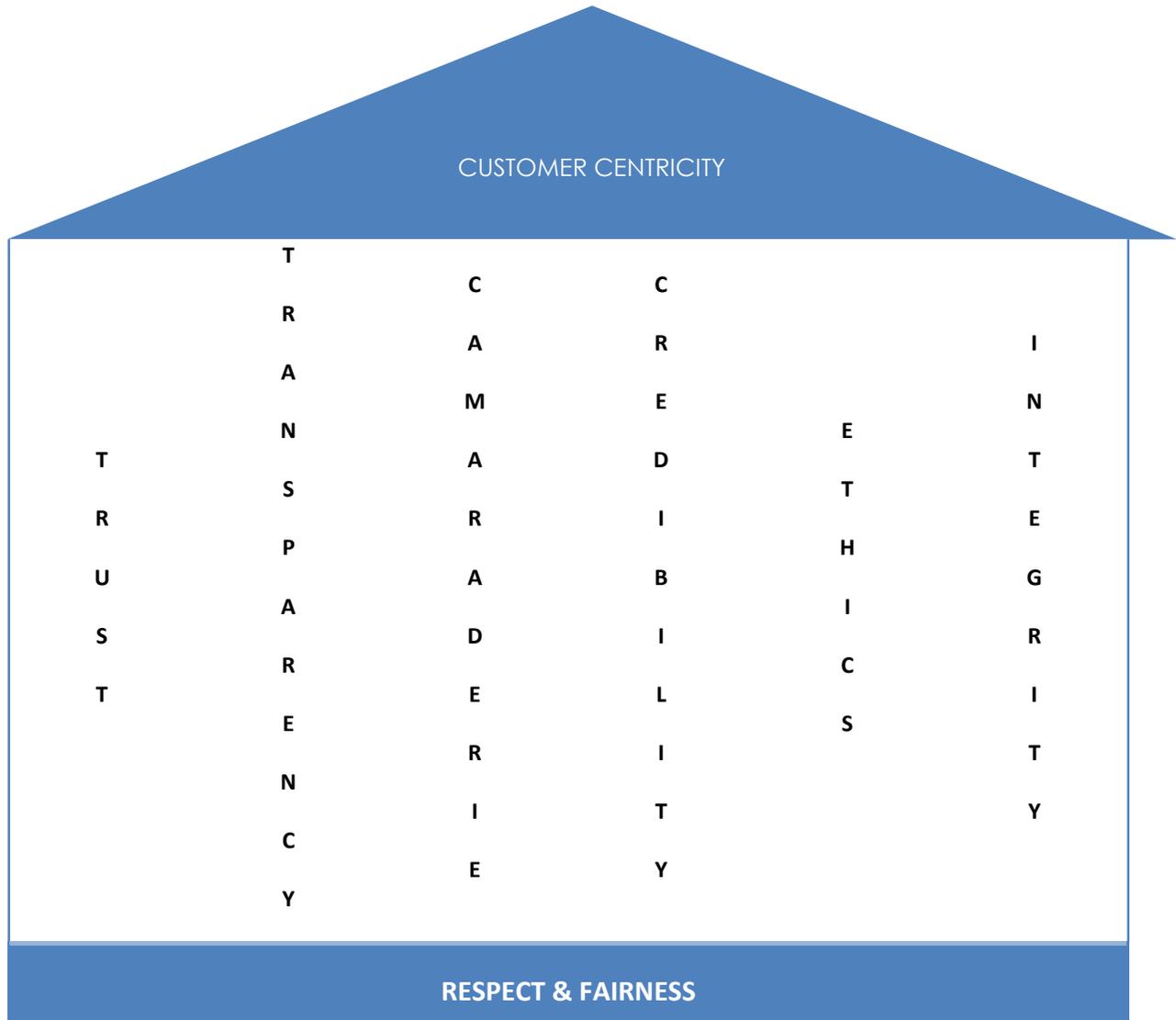
Vision of the Institution

To be the best industry relevant technical education institute in the region, enhancing employability of rural youth and promoting entrepreneurship for nation building.

Mission of the Institution

- Recognizing the intrinsic abilities among the students and adopting appropriate teaching learning process for improving their technical competency
- Establishing state of the art infrastructure
- Providing Finishing School Programs (FSPs) for facilitating holistic development of the student
- Interfacing with industries for better employability and entrepreneurship
- Inculcating social responsibility among the students

Guiding Principles



With **Respect** for self and others, coupled with **Fairness** in treatment of all without any discrimination as the foundation, RPTC strives to sustain a culture of **Trust**, **Transparency** and **Camaraderie** that will pave ways for strengthening the **Credibility** of the institution through upholding **Ethics** and **Integrity** in all its actions. Keeping **Customer centricity** at its core, the institution strives towards serving the industry and student development needs in the best manner.

Governing Council

The Governing Council (GC) was reconstituted on 16th August 2016 with an objective to integrate academic and industrial expertise.

The following are the GC members:

Chairman

Mr. L Lakshman

Executive Members

Mr. L Ganesh

Mr. R Venkatanarayanan

Dr. V Kovaichelvan

Dr. A K Bakthavatsalam

Dr. S Sundar

Dr. K Visalakshi

Mr.K.Srinivasan

Dr. R. Joshua Arul Kumar

Academic Highlights

As RPTC steps into its ninth academic year, we have made significant strides over the years to gear up and serve the industry and student development needs in the best manner.

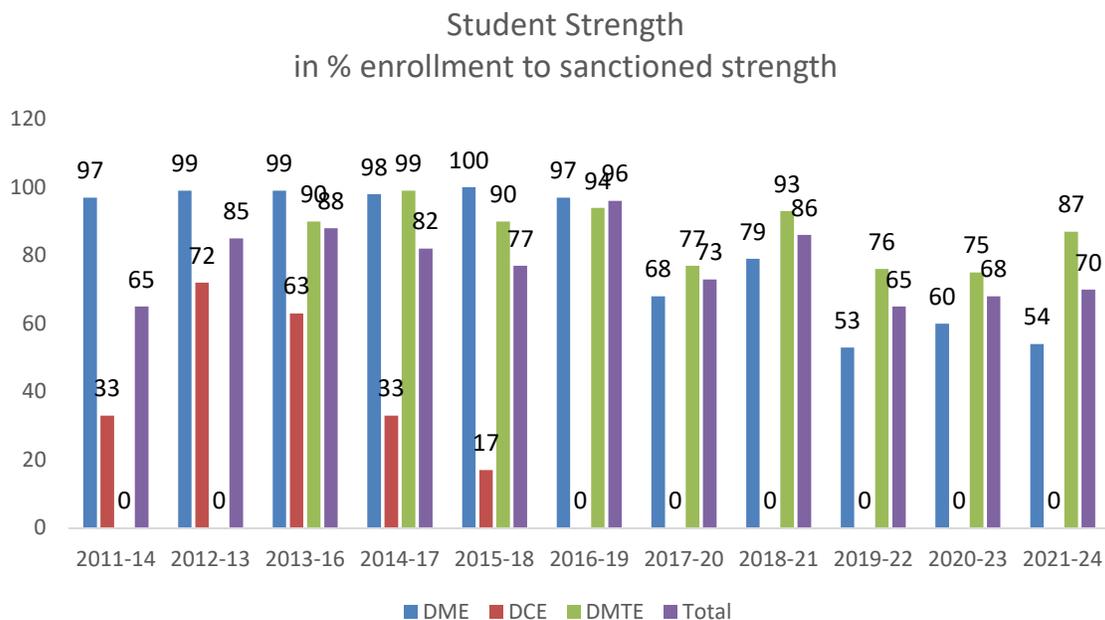
Inception

RPTC started its first academic year during August 2011 offering courses in two disciplines viz. Diploma in Mechanical Engineering (DME) and Diploma in Civil Engineering (DCE) with an intake capacity of 60 students per course. It introduced Diploma in Mechatronics Engineering (DMTE) and enhanced intake for DME to 120 in 2013 and to 180 in 2017. DCE was discontinued in the year 2018.

With each batch gaining strength, the college has sent out six successful batches of students with a good placement record. Close to 1000 students have graduated and currently there are 610 students currently pursuing the course.

To benefit the working population, part-time Diploma course was introduced in 2015, facilitating multiple entry-exit between vocational education, regular education and job market.

Students Strength



Staff Strength

Academic Year	Principal	Teaching	Technical Support	Admin & Others	Outsourced	Total
2011-12	1	6	4	6	4	21
2012-13	1	12	8	8	4	33
2013-14	1	24	12	11	6	54
2014-15	1	30	15	11	6	63
2015-16	1	36	20	11	9	77
2016-17	1	36	19	10	9	75
2017-18	1	36	18	9	10	74
2018-19	1	32	15	8	10	66
2019-20	1	32	15	8	10	66
2020-21	1	37	15	8	10	71
2021-22	1	30	15	9	10	65

Service Award

RPTC takes pleasure in recognizing the following staff members who have served the institution for ten years and five years.

10 Years Services

S. No	Name of the Staff	Designation
1.	J D Albert Stephen Raj	Assistant.Prof - Chemistry
2.	J Elangovan	HOD-Basic Engineering and Asst.Prof (Maths)
3.	S.Manimaran	Sr.Tech.Asst - Physics
4.	B.Vijay Ananda Raj	Sr.Associate-Admin
5.	S.Karpaga Devi	Sr.Secretary to Principal
6.	G.Senthur Balaji	Sr.Lecturer - Mechatronics
7.	P.Arun	Sr.Lecturer - Physics

5 Years Services

S. No	Name of the Staff	Designation
1.	P Dinesh Kumar	Sr.Lecturer - Mechanical
2.	K Mohana	Lab Assistant - Mechatronics
3.	Charles Jebabalan	Sr.Lecturer-English
4.	P Arockiasamy	Sr.Lecturer-Mechanical
5.	S.Nataraj	Sr.Lecturer - Physics
6.	R Thiruppathi	Lecturer - Mechanical
7.	R Ranjith Kumar	Asst.Prof & HOD - Mechanical
8.	Jude Arokia Doss	Tech.Asst.Computer Lab
9.	Y Malkiya Manohar Singh	Lecturer - Mechanical
10.	S Vadivel Murugan	Lecturer - Mechanical
11.	R Ravi Shankar	Lecturer - Mechanical
12.	R Hariharan	Lecturer - Mechanical
13.	G. Kathiravan	AP - Mechatronics
14.	Karthick	Lecturer - Mechanical
15.	Lakshmi	Lab Assistant - Mechatronics

Expansion

Year	Course	No. of students
2013 - 14	Enhancement of DME intake	60 to 120
	Introduction of additional course - Mechatronics	60
2014-15	Introduction of additional course DME (Part time)	60
2017-18	Enhancement of DME intake	120 to 180

NBA Accreditation

With an objective to improve the institution's operational standards and the quality of teaching learning processes, we embarked upon the journey of obtaining NBA accreditation. I am happy to inform you that RPTC is one of the youngest institutions to obtain NBA accreditation for DME programme.

Benefits to Institutions

Accreditation is market-driven and has an international focus. It assesses the standards of an institution and its programme against a set of criteria established by National Board of Accreditation. It also provides direction and opportunities for future growth based on institution's strength and areas for improvement.

Benefits to Students

Students studying in NBA accredited institutions can be assured that they will receive education which is a balance between high academic quality and professional relevance and that the needs of the industry are well integrated into programme, activities and processes.

Benefits to Employers

Accreditation assures prospective employers that students come from a programme where the content and quality have been evaluated, satisfying established standards. It also signifies that the students completing the programme have acquired competence based on well-established technical inputs.

Benefits to the Public

Accredited status represents the commitment of the programme and the institution to quality and continuous improvement.

Academic Excellence

RPTC is equipped with hard and soft infrastructure to deliver quality education and skill building programs in the best possible manner.

Some of the salient features of the institution's teaching learning process includes:

- Motivation to toppers by providing merit scholarship and other recognition
- Intensive coaching for late bloomers
- Counseling for students experiencing misfortune
- Mentoring by subject matter experts to teaching staff
- Periodic review with faculty by Governing Council

This has helped in continuously improving the performance of students in Board examinations. On this momentous occasion, the institution takes pride in congratulating the following staff members for securing 100% result in the last board examination:

S.No.	Name of the Staff	Department	Sem. & Board Examination
1	S.Charles Jebabalan	Basic Engineering/ English	II SEM (Apr – 19)
2	S.Charles Jebabalan	Basic Engineering/ English	I SEM (Oct – 19)
3	C.Prasanth	Mechanical Engineering	V SEM (Oct - 19)
4	G.Selvi	Mechatronics Engineering	IV SEM (Apr – 19)

Induction Program for Fresher

Transition from school to college life is one of the most challenging events in a students' life. When new students enter an institution, they come with diverse thoughts, backgrounds and preparations. They come into a new unfamiliar environment, and many of them have little knowledge of a college. Hence we organized many Induction Programs for the fresher as follow as:

S.NO	Name of the program	Name of the Resource Person	Date	Number of Participants
1	Personal Effectiveness	Mr.M.PrasantSree	17.08.2021	250 Students
2	Time Management	Mr.V.Ramasubramanian	18.08.2021	125 Students
3	Japanese cleanliness	Mr.S.Ramani Balaji	19.08.2021	150 Students
4	Communication English	Mrs. B. Rajalakshmi	19.08.2021 28.08.2021	120 Students
5	Quantitative Analysis Chemistry	Mr.J.D.Albert Stephenraj.	23.08.2021	100 Students
6	Proctor System and Stress Management	Mr.J.D.Albert Stephenraj.	24.08.2021	120 Students
7	Building Self confidence	Mrs P.V.Seetha Lakshmi	25.08.2021	175 Students
8	Importance of data analysis	Mr.R.J. Vijayabaskar	27.08.2021	100 Students
9	Great future awaits you	Mr.Jayanth Ramanujam	28.08.2021	120 Students
10	Professional Counseling	Mrs.T.Sivakami M.Sw.,	23.12.2021	150 Students



Communication English
Mrs.B.Rajalakshmi,
DEAN-IDQA, RPTC



Personal Effectiveness
Mr. Prashant Shree DGM- HR
RHL, Chennai



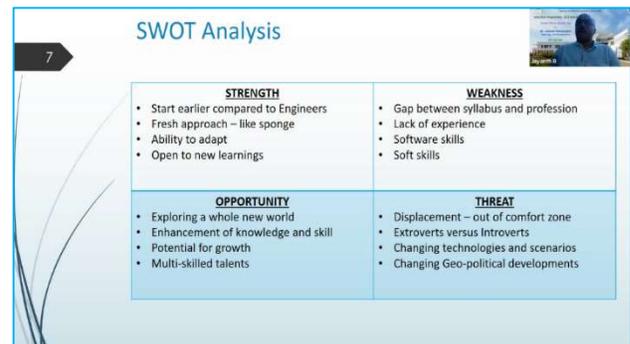
Time Management
Mr. Ramani Balaji
RTSS, Viralimalai



Building Self Confidence
Mrs. PV Seethalakshmi DM- HR
RHL, Chennai



Developing oneself
Mr. Vijayabaskar, AVP- HR
RHL, Chennai



Great Future Awaits You
Mr. Jayanth Ramanujam,
Head – Engg Division,
Nauvata Engineering

Co –Curricular & Extra Curricular Activities

Co-curricular activities facilitate in the development of various domains of mind and personality such as intellectual development, emotional development, social development, moral development and aesthetic development. Creativity, Enthusiasm, and Energetic, Positive thinking are some of the facets of personality development and the outcomes of Extra-curricular activities.

RPTC aims at all round development of students. In addition to mainstream academic excellence, adequate importance is also given to break usual classroom monotony and exercise their creativity and ingenuity.

Mechanical Department

Mechanical department had organized intra-department contests such as paper presentation, quiz, spell bee, short time slide, anagram, connecting points and audio-visual challenges for the students. Our students also participated in many national and state level competitions on paper presentations, projects etc. and brought glory to the institute. The details are as follows:

Intra – Department Competitions:

S.No	Name / No of the students	Events attended	Position secured	Date of the event	Host college or place
1	S.Karan, III DME	E Quiz	First Place	14.11.21	BHEL
2	M.Karanraj, J.Jerson, A.Allen Marc III DME	BGMI	Second Place	7.4.22	K.Ramakrishnan College, Trichy
3	M.Karanraj, III DME	Non-Technical Connection	First Place	7.4.22	K.Ramakrishnan College, Trichy
4	K.Manikandan, III DME	Art Competition	Second Place	7.4.22	K.Ramakrishnan College, Trichy
5	J Jerson, A Allen Marc P Sriram K Aravinth III DME	CAD Modeling	Participation	7.4.21	K.Ramakrishnan College, Trichy
6	R Hariharan II DME	CAD Modelling	Second Place	7.4.21	CARE College

7	P Vasanthakumar II DME	CAD Modelling	First Place	7.4.22	CARE College
8	J Jerson, A Alen Marc P Sriram, III DME	Brain Friction	Participation	07.4.22	K.Ramakrishnan College, Trichy
9	K Manikandan III DME	Technical Quiz	Participation	7.4.22	K.Ramakrishnan College, Trichy
10	K Nandhakumar, V Murugesh III DME	Water Rocketry	First Place	23.4.22	CARE College
11	S Akash Daniel, M Harish, III DME	Water Rocketry	Second Place	23.4.22	CARE College

Inter College Competitions:

S. No	No. of the students	Events attended	Position secured	Date of the event	Host college or place
1	10	Paper Presentation	Guna C – I Prize Deva Joseph – II Prize Abdul Lathif	03.9.21	RPTC
2	118	Science Quiz	Loganathan M – I Prize Ruban Benedict – I Prize Britto Preddy – I Prize	17.9.21	RPTC
3	15	Photography	Logesh S – I Prize Ruban Benedict – II Prize Karan S – III Prize	24.9.21	RPTC
4	45	Sports Quiz	Ruban Benedict – I Prize Madhubalan M – I Prize Ricky Johnson V – I Prize Gobinathan S – I Prize Yogathanan M – I Prize	1.10.21	RPTC
5	15	Connection	Abdul Lathif – I Prize Guna C – II Prize Vallinagayam G – III Prize	8.10.21	RPTC
6	40	Mini Project Expo	Gogul R – I Prize Viswanathan S – I Prize Dhoni – I Prize	24.12.21	RPTC





Mechatronics Department

Our Mechatronics students had participated in many events in other colleges and won prizes. We also conducted intra-department contests such as paper presentation, quiz, spell bee etc.

S.No	Name / No of the students	Events attended	Position secured	Date of the event	Host college or place
1	DMTE III Year Students	Guest Lecture on IOT and Arduino	Participation	24.11.21	RPTC
2	DMTE III Year Students	2 days' Workshop on IOT & Arduino	Participation	10.12.21 - 11.12.21	RPTC
3	7 Students II & III DMTE	Yanthrothaya 2k22	B.Jegannathan, III DMTE - II Prize		Kalasalingam Academy of Research and Education, Krishnankoil

4	22 Students III DMTE	State Level Tech Expo-2022	Rishee Varthan.R.B, Ajaykarthik R Haripalaa P Sanjaykumar S Kamal N have – III Prize	27.04.22	Dhanalakshmi Srinivasan Polytechnic College, Perambalur
5	26 Students III DMTE	HERTZ'22	Won 1st Prize in Project Expo	05.05.21 & 06.05.21	Care College of Engineering, Trichy



Intra-Departmental Activities & Prize Winners - Mechatronics Department

Technical Symposium

In the process of being a Thought Leader amongst Polytechnic Colleges in the region RPTC conducted organized a State Level Technical Symposium – RPTC VAIBHAV 2K22 on 06.05.2022. To help the students and faculty to know the latest trends in technology, to network with peers and to hone their presentation and soft skills, Vaibhav-2K22 provided the platform. The Chief Guest of the Inaugural function was Mr.Ramani Balaji Manager-Project, ZF Rane Automotive India Pvt., Ltd., Viralimalai.

The symposium hosted about 150 students from 20 Polytechnic Colleges across Tamilnadu. The events like Paper Presentation for Mechanical and Mechatronics streams with latest topics on Hyperloop Technology, Alternative Energy, IIOT, Role of Mechanical Engineering in Agriculture, Augmented Reality, Automation in Manufacturing, Mobile Robotics and Human Computer Interaction. More than 20 enthusiastic teams participating in them. Students participated in the various events enthusiastically and after several rounds, the results were declared in the Valedictory function. Mr.G.Venkatragavan, Plant Head, Rane OSD, Siruganur, Trichy was the Chief Guest who gave certificate of merit and cash awards to the winners.



Students Chapter

We have started Students' Chapter in "The Institution of Engineers (India)" to enhance the learnability and performance of the students. It helps the students to update the knowledge and improve their skills in the field of technology, to promote continuing education and to motivate the students to participate in seminars, technical paper presentations etc.

Under this chapter, we organize model making contests, technical quiz contests, Engineer's day celebrations for the benefit of our students. The students are also encouraged to participate in the technical contests organized by other institutions. All the final year students are enrolled as chapter members.

Professional Societies

To enhance professionally and equip themselves with changing technology, our faculty members registered individually with their department specific professional societies.

This enables them to participate in national and international conferences, paper presentations, publishing of papers on national and international journals, interacting with subject matter experts through webinars etc.

Sl. No	Department	Name of the Society
1	Mechanical Engineering	INDIAN SOCIETY OF MECHANICAL ENGINEERING(ISME)
2	Mechatronics Engineering	INDIAN SOCIETY OF ELECTRICAL AND ELECTRONICS ENGINEERING(ISEEE) & COMPUTER SCIENEC TEACHERS ASSOCIATION (CSTA)
3	Department of Math	THE INDIAN MATHEMATICAL SOCIETY (IMS)
4	Department of Chemistry	THE INDIAN SCIENCE CONGRESS ASSOCIATION
5	Department of Physics	THE INDIAN SCIENCE CONGRESS ASSOCIATION
6	Department of English	ENGLISH LANGUAGE TEACHING ASSOCIATION OF INDIA(ELTAI)

Library

We have well-furnished modern library with multimedia, internet, photo copies and digital library facilities. During this academic year, Bar Code system had been implemented.

The members have access to an array of resources.

Description	Quantity (Nos.)
Unique Book Titles	2297
Book Volumes	2400
Seating Capacity	140
Multimedia PC	10
National Journals	10
Magazines	5

Scholarship

RPTC is congratulating the following students for their best performance in academics in the year 2019-20. The students are as follow as:

S.No.	Name of the Student	Department	Batch	Average in %	
				Academic	Attendance
1	Gopinath P	DME – A	2019-22	95%	100%
2	Sivasankaran K	DME – A	2019-22	94%	98%
3	Rishee Varthan R B	DMTE	2019-22	88%	99%

In the academic year 2021-22, 16 students obtained the Minority scholarship and 132 students will get Post Metric Adi-Dravidar and Tribal Welfare Scholarship.

Education Loan

During 2021-22, around 01 student availed education loan. This initiative has bridged the gap between affordability and aspiration levels of several students who otherwise would not have been able to pursue a formal education program. We take this opportunity to thank various banks for extending the education loan.

Parent – Teacher Meeting

A parent-teacher meeting between the parents and teachers of students is to discuss a child's progress at college and find solutions to academic or behavioral problems. Parent-teacher conferences supplement the information conveyed by report cards by focusing on students' specific strengths and weaknesses in individual subjects and generalizing the level of inter-curricular skills and competences.

Students' progress is being discussed, although there is evidence that their inclusion increases the productivity of the meetings. The meetings are generally led by teachers who take a more active role in information sharing, with parents. Parent teacher meeting for this academic year was held on 02nd October 2021 & 19th April 2022. More than 200 parents participated and benefitted through the meet on their ward's academic performance and areas for improvement.



Parent Teacher Meet

Faculty Development Programs

The need for continuous learning is a given in most professions. Teachers are expected to keep up with current practice, for their careers as well as for their students.

Realizing the need to be updated in an ever changing environment, we encourage our staff members to continuously learn to provide meaningful learning experience to our students.

S. No	Name of the program	Date	Name / No. of the participant	Resource Person	Organized by
1	Operation maintenance of Electrical Equipments	08.02.21 to 12.02.21	T.Saravanan	Dr.P.Kamaraj	GPT, Srirangam, Trichy
2	Recent Trends in Operation and Maintenance of Electrical Equipment,	08.02.2021 to 12.02.2021	02	Dr.P.Kamaraj	GPT,Srirangam
3	Fuel Conservation and Management	15.02.21	02	Dr.G.P.Sathish Kumar	Arasu Engineering College
4	Artificial Intelligence	15.02.2021 to 19.02.2021	02	Dr.P.Poongidi	GCT,Coimbatore
5	Online Crash Course on Embedded System and Robotics	26.04.2021	07	MOOC-IITB Team	e-Yantra Resource Development Center (eYRDC).
6	3T Top Tech Trends	28.04.2021 to 30.04.2021	All Faculty	Dr.B.Janet Dr.RM.Thirupathi Dr. Sundarm	Rane Polytechnic Technical Campus
7	Total Quality Management	07.07.21	All Faculty	Mr. M. K. Palaniappan	Rane Polytechnic Technical Campus
8	Communication & Presentation Skills	August 2021	08	RIED – Vitual	Rane Polytechnic Technical Campus
9	Learner Centric Teaching	24.09.21- 25.09.21	All Faculty	Dr. R. Joshua Arul Kumar	Rane Polytechnic Technical Campus
10	Electrical and Electronics System for Wind and Solar	04.10.21- 08.10.21	02	NITTTR Team	NITTTR, Chennai
11	Communication Skill for Entrepreneurs and professionals	21.10.21 – 27.10.2021	R.Ravisankar	NITTTR Team	NITTTR, Chennai
12	Developing Professional Attributes for OBE	25.10.21 – 29.10.21	06	NITTTR Team	NITTTR, Chennai

13	HPLD	November 2021	01	RIED	...
14	NPTEL – Swayam	July – Dec 2021	11	AICTE – MOOC	NPTEL
15	Life Skills	08.11.2021 -12.11.2021	06	NITTTR Team	NITTTR, Chennai
16	Programming in Robotics	10.12.21 – 11.12.21	15	Mr.Salai Devan	Rane Polytechnic Technical Campus
17	5S Awareness Program	04.03.22	All Faculty	Mr.M.K.Palaniappan	Rane Polytechnic Technical Campus
18	5S Exposure	05.03.22	10	RBL Team	Rane Polytechnic Technical Campus

Publications by Faculty

Name of the Staff	Book/Paper Title	Journal/Conference Name
S.Charles Jebabalan P.Jemima Christy Berlin	Communication Skills Practical	Sri Krishna Publications
M. Syed Meeran, T. Saravanan, G. Senthur Balaji, G. Kathiravan	Finger Vein Recognition System-A Review	International Journal of Research in Engineering and Science (IJRES) ISSN: 2320- 9364 Volume 9, Issue 11, pp: 29-34
N.Karthick	An Analysis on Strength and Durability of Concrete by Partial Replacement of Cement by Endocarp Ash	The International Journal of Innovative Research in Science, Engineering and Technology ISSN: 2319-8753Volume 10, Issue 12,
Dr. R. Joshua Arul Kumar	Education Data Analysis using Ensemble Models	4th International Conference on Smart Systems and Inventive Technology (ICSSIT 2022) - IEEE

Alumni Meeting

For the fifth year in succession, the alumni of RPTC met on the 15th August. This year too saw the enthusiastic participation of over 200 students from various parts of the country. During their meet, the alumni share their experience in the outside world. The meet also creates a platform to identify the college's most distinguished alumni.

RPTC conducted its 5th Alumni Meet on 06.11.21, Saturday, in the Campus. Principal Dr.R.Joshua Arul Kumar presided over the Alumni Meet. The Chief Guest for the meet was Mrs.B.Rajalakshmi, , Head – Educational Initiatives, Rane Holdings Limited. The Chief Guest conveyed that Alumni should know their role in development of college. Alumni have to be in contact with the Institutions & students and share their industrial experiences with the students. Apart from this, Alumni should guide the juniors in getting the best job in their life. Fun events were conducted for Alumni by our college staff. Alumni expressed their experiences that they feel very proud for studied here.



Chief Guest Address



Principal Address



Song by an Alumni Participant



Memory Corner

Details of alumni cell office bearers

S. No	Name	Department	Designation
1)	R.Ragul	DCE	Honorary Advisor
2)	A.Atchuthan	DCE	Honorary Advisor
3)	G.Gunasekar	DME	President
4)	S.Rajkamal	DCE	Vice –President
5)	J.Patson	DMTE	Secretary
6)	J.Jershan	DMTE	Joint Secretary
7)	N.Nijanthan	DMTE	Executive Member
8)	J.Ganesh	DME	Executive Member
9)	K.P.Sankar	DMTE	Executive Member
10)	R.Deepak	DME	Executive Member
11)	G.Rajasekar	DME	Executive Member
12)	A.Mariya Hendry Prabhu	DME	Executive Member
13)	D.Subeeekshiseeth Prasanna	DME	Executive Member
14)	R.S.Praveen	DMTE	Executive Member
15)	Johanan Samuel	DME	Executive Member

Finishing School Program

Finishing School Program (FSP) is a structured curriculum delivered over 248 hours in alongside the DOTE prescribed syllabus. The philosophy behind this initiative is to enhance the employability of the students and groom them as good citizens. The curriculum includes language skills, behavioral competencies, value education and systems & safety. The feedback from industries who have provided employment for our students are positive in terms of the time taken for their assimilation and contribution within a quick span of time.

Batch	FSP hours	Resource person contribution %		
		RPTC Faculty	Rane Managers	External SMEs
2019 – 22	248	40	30	30
2020 - 21	174	40	25	35
2021 – 22	74	45	30	25

Industrial Visit

Industrial visit is a part of the Education; students visit companies and get insight of on the internal System and working environment of the company. The industrial visit also provides useful information related to the practical aspects of the course which cannot be visualized in lectures. Industry visits sensitize students to the practical challenges that organizations face in the business world.

Industrial visits also give greater clarity about various management concepts for students as they can practically see how these concepts are put into action. Regular industry-institute interactions are organized for establishing campus to corporate connect. Some of the organizations visited by the students include:

- Rane Engine Valve Ltd.
- Rane Brake Lining
- ZF Rane, Viralimalai



Internship Program

Getting the industry exposure will help you to know about how the industry works in the real-life scenario. Internship exposes students towards contemporary technologies and safe industry practices. The students learn on 5S practices, Quality circles in action, Visual Control systems and Standards Operating Practices. 78 students from both Mechanical and Mechatronics had participated in the Internship Program in Rane OSD Trichy.



Career Counseling, Training and Placement

RPTC has been preparing students for the rigors of industry as well as leading productive lives as professionals. Today's students of RPTC represent the future of Indian vocational strength by becoming instruments of change for a more progressive nation.

To serve the students we have instituted the Training and Placement, Career Guidance and Entrepreneur Development cells. The objective is to assist the students to achieve their career goals successfully. It gives ample opportunity to the students to develop their personality by conducting various training programs to meet the industry expectations. It also helps in securing placements for our students. The program details are as follow as:

S. No	Name of the Program	Resource Person	Date of the Program	Place	No of Participants
1	Personal Effectiveness	Mr.Prashant Shree DGM-HR	17/08/21	Virtual Platform	270 Students
2	Time Management	Mr.Ramani Balaji,	19/08/21	Virtual Platform	270 Students

3	Quantitative Aptitude	Mr.P.Vijay Prof. MAM College	18/10/21	RPTC	77 Students
4	Quantitative Aptitude	Mrs.Salom Jerlin	19/10/21	RPTC	77 Students
5	Interview SKILLS	Mr.Chandra KISHORE,	08/01/22	RPTC	85 Students
6	Discussion on Interview Questionnaire	Mr.S.Suresh,	08/01/22	RPTC	85 Students
7	Alumni Feedback Sharing	Mr.Abinesh	9/9/21	RPTC	165 Students
8	An Awareness ON Alternative Fuels	Mr.S.Sivakumar & Mr.Gurusamy	28/10/21	RPTC	180 Students
9	An Awareness on Artificial Intelligence & Python	Mr. Paneer Selvam & Mr.Jeya Kumar,	10/12/21	RPTC	50 Students
10	An Awareness on IOT & Big Data	Mr.Salai Deva Thirumani	10/12/21	RPTC	80 Students
11	Industry Expectation & Skills required for Current Scenario	Mr.N.lakshmi Narasimhan	21/12/21	RPTC	160 students
12	An Overview on NDT Course	Mr.B.Lawarance & Mr. THIYAGU,	31/12/21	RPTC	200 Students
13	Career Guidance on Higher Studies	P.Anandha Kumar K.Rajasekar	04/05/22	RPTC	50 Students
14	Career Guidance on Higher Studies IN Abroad	Mr.Sadasivam & Rajkumar Study EURO, Chennai	05/05/22	RPTC	50 Students



(Career Counseling & Placement Training)

Placements

Batch	DME				DCE				DMTE				TOTAL			
	S	HS	P	P%	S	HS	P	P%	S	HS	P	P%	S	HS	P	P%
2011-14	69	7	62	100	23	5	14	79	NA				92	12	76	95
2012-15	70	4	66	100	51	6	22	49	NA				121	10	88	79
2013-16	143	9	118	88	44	7	21	58	65	6	59	100	252	22	198	86
2014-17	135	16	113	95	24	4	15	75	65	4	44	72	224	24	172	86
2015-18	123	13	85	77	13	2	3	27	58	5	46	87	194	20	134	77
2016-19	123	10	83	73	NA	NA	NA	NA	65	2	36	57	188	12	119	68
2017-20	149	10	114	82	NA	63	10	50	94	212	20	164	85	149	10	114
2018-21	180	36	128	100	NA	62	21	35	100	242	57	163	100	180	36	128
2019-22	120	16	97	99	NA	49	12	33	100	169	28	130	100	120	16	97
Total	1112	119	884	91.4	NA	427	60	308	88.3	1539	179	1192	89.8	1112	119	884

S - Strength, HS - Higher Studies, P - Placed, P% - Placement in %

The major objective of campus placement is to identify the talented and qualified professionals before they complete their education. It provides employment opportunities to students who are pursuing or in the final stage of completing the course. This process reduces the time for an industry to pick the candidates according to their need.

This year, the Ninth batch of 169 students was prepared for campus placement through Training and Placement cell and several leading corporates as given below.

Students were also encouraged to participate in off-campus recruitment process. As on date 100% of the students have already been placed and more corporates are lined up to visit us for campus placement.

2019-22 batch placement as on date

Department of Mechanical Engineering

S.No	Name of the Company	Number of Students
1	Sanmar,Trichy	8
2	Rane OSD,Trichy	9
3	Hyundai WIA,Chennai	24
4	Brakes India, Chennai	12
5	Tube Products of India, Chennai	13
6	Rane TRW, Trichy	8
7	TVS Motor,Hosur	09
8	Fastenex Pondicherry	8
9	Turbo Energy,Chennai	12
10	Rane EVL,Trichy	06
11	Worth Industries,Trichy	01
12	Balu Auto Components,Chennai	13
Grand Total		98

Department of Mechatronics Engineering

S.No	Name of the Company	Number of Students
1	PCBL, Chennai	3
2	Rane Data Centre. Chennai	5
3	Rane TRW, Trichy	3
4	Rane ZF (OSD), Trichy	5
5	Hyundai Wia, Chennai	7
6	Tube Products of India, Chennai	8
7	Brakes India, Chennai	7
TOTAL		36
Grand Total		134/ 169

Entrepreneurship Cell

Entrepreneurship Cell (E-cells) is set up to foster entrepreneurship among the students. Students learn important & useful traits about entrepreneurship. Even though students do not take up entrepreneurship as a full-time profession, the skill sets learned as E-Cell members would be extremely helpful to them in any job. E-Cell conducts several workshops, interaction with successful entrepreneurs periodically. The Entrepreneurship Cell was established in our college in 2017.

Entrepreneurship Cell Training Program

S. No	Name of the Program	Resource Person	Date of the Program	Place	No of Participants
1	Additive Manufacturing and AMS Hyrel 3D Printing	EDII-ABIRF, University College of Engineering	12/6/2021	Virtual Platform	01 Faculty
2	Technology Transfer and IP Monetization, Commercialization in the COVID	EDII-ABIRF, University College of Engineering	17/6/2021	Virtual Platform	01 Faculty
3	Awareness on Entrepreneurship	Mrs.Sridevi	15/08/21	Virtual Platform	350 students
4	FDP on Entrepreneurship and Innovation	EDII-TN,Chennai	21/10/21 27/10/21	Govt. Polytechnic College	1 Faculty
5	Awareness Program for Entrepreneurship	EDII-TN,Chennai	15/12/21	Govt. Polytechnic College	1 Faculty
6	E-cell's E-Leader Workshop	EDII-ABIRF, University College of Engineering	6/1/2022, 7/1/2022 & 8/1/2022	Virtual Platform	2 Faculty
7	EDC-Local Hub Meeting	EDII-ABIRF, University College of Engineering	22/03/22	Anna University	2 Faculty
8	E-Leaders addressing students for E-CELL Enrollment	ED Cell Rane Polytechnic	09/04/22 to 10/04/22	RPTC	Students

Graduate Engineers Training

Our Rane Polytechnic had given Training for 44 Graduate Engineers Trainees and 6 Management Trainees belongs to various Rane Plants from 6th September 2021 to 22nd September 2021.



Visitors at RPTC

Eminent professionals who visited our campus last year

- Mr.R.Balakrishnan - RBL, Ambattur, Chennai
- Mr.V.Guru Sami - PCRA, Chennai
- Mr.G.Muralidharan -
- Mr.R.S.Nallasivam - Security Advisor, RHL
- Mr.Karl Marx - PCBL TN Limited, Chennai
- Mr.C.Chandra Kishore - RBL / P4
- Dr.M.Jamal Mohamed Zubair - Lead College of Management
- Mr.K.Giridhare Krishnan - Hyundai-Wia India Pvt. L
- Mr.S.Manikandan - REVL, Ponneri
- Mr.Naoki Kamamoto - Rane NSK Steering System Ltd
- Mr.G.Praveen Kumar - ZF Rane
- Mr.P.Sree Ramulu - Rane Group
- Mr.C.Leslie - Rane Group
- Mr.S.Senthil Kumar - Deputy Manager, Rane Group
- Mr.Jean Pierre -
- Mr.P.Natarajan & Mr.Raghuvaran -
- Mr.B.Muralidharan & Mr.A.Selvavinayaraja - Rane Group

Sports and Games

Sports and games have been part of human society. The importance of these things should not be underestimated. Much of young children's learning comes from participating in sports and games, and this same participation as adults can lead to happier, healthier and more productive lives.

The institute has provided immense support in order to encourage our students to develop team spirit and personal health. The details of our students who have achieved in the field of sports and games are listed below:

Name of the Students	Events Attended	Position secured	Date of the Event	Host College or Place
Fit India Freedom Run 2.0	RPTC Students	Participation	01.10.2021	RPTC
District Athletic Meet	RPTC Athletic Team	Participation	28.11.21 - 29.11.21	IPAA, Trichy
Cricket Camp	Rane Vidhyalaya CBSE School 50 Students	Participation	01.05.22 - 15.05.22	Rane Vidhyalaya CBSE
Cricket	RPTC Staff Members	Quarter Final	04.06.22	Rane Holding Limited



Sports Day

Rane Polytechnic Technical campus celebrated the Annual Sports Meet 2021-22 in a colourful and grand manner on 21.05.22. Mr.R.Venkatanarayanan, President Rane Corporate Services presided over the function and inaugurated the Annual Sports Meet by sharing his thoughts on this momentous occasion. The events included track events and other games. The competitors participated with great excitement in the track and field events and other games. The prize distribution was followed by the cultural programs. The winners in sports were awarded medals and certificates of merit.

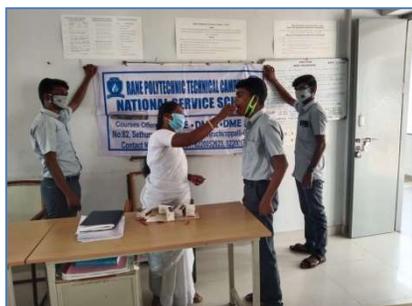


National Service Scheme

National Service Scheme (NSS) develops the personality and leadership qualities of the youth. So through National Service Scheme (NSS) we strive to instill the spirit of social responsibility and service mindedness amongst the students. NSS unit of our college started in this academic year with 100 volunteers and we have so far conducted 15 programs.

S. No	Name of the Event	Resource Person	Date of the Event	Place	No of Participants
1.	Deworming day program	Mrs.Parimala (VHN)	19-3-21	RPTC	100 NSS Volunteer and Staff
2.	Viralimalai Kumbabishekam	Tamilnadu Police Department	12-4-21	Viralimalai	50 Students and 5 Staff
3.	75 Independence Day Celebration	Dr.R.Joshua Arulkumar	15-8-21	RPTC	50 Students and 35 Staff Members
4.	Covid-19 Special Vaccination Drive	Dr.Anushya & Team	17-9-21	RPTC	50 Students ,50 Staff Members ,10 Village peoples
5.	NSS Day	Dr.R.Joshua Arul Kumar	24-9-21	RPTC	35 Students ,15 Staff members
6.	Fit India Freedom run 2.0	Mr.S.Ramanathan Dr R.Joshua Arul Kumar Mrs B.Rajalakshmi	1-10-21	RBL TO RPTC	250 students and 50 staff members
7.	Fit India Challenges 1,2,3	Mr.M.Gopal & Team	4-12-21	RPTC	100 NSS Volunteer and 15 Staff
8.	Ban Plastic awareness program	Mr.R.Lawrence HR RBL	18-12-21	RPTC	50 NSS Volunteers , 5 Staff members
9.	Voters Day Pledge	Dr R.Joshua Arul Kumar	25.1.22	RPTC	HOD & Staff members

10.	73rd Republic Day	Dr R.Joshua Arul Kumar	26-1-22	RPTC	HODs & 10 Staff members
11.	Khadhi Program	Dr R.Joshua Arul Kumar	24-2-22	RPTC	50 Staff members & Students
12.	Pulse Polio Immunization Program	NSS Team	27-02-22	Kallanai, Mukkombu Ariyamangalam	25 NSS Volunteer and Staff
13.	NSS Special Camp program	Mrs B.Rajalakshmi Mr.L.Mahendran. Mrs.G.Renuhadevi	2-03-22 to 8-3-22	Govt High school kalkudi	50 NSS Volunteers and 5 Staff Memers
14.	Deworming day	Dr R.Joshua Arul Kumar Mrs.Parimala nurse	19-3-22	RPTC	500 Students
15.	COVID-19 Special Vaccination Drive	Dr.R.Joshua Arulkumar Dr. M.Anushya & Team	10-05-22	RPTC	75 Students &5 Staff members
16.	One Day Women Empowerment Workshop Program	Mrs D. Millicent B.A., B.Ed., and Mrs.R.C.Mary Julia	11-05-22	RPTC	50 Women



Deworming Day Awareness



Viralimalai Ratham



Independence Day



Covid Vaccine Drive



NSS Day Celebration



Fit India Run



Fit India Challenge



Ban Plastic



Speech by I Year Student



Republic Day Celebrations



Pulse Polio Camp



(NSS Special Camp)



Community Development Initiatives

RPTC has taken several initiatives including special coaching classes on subjects such as English, Math, and Science etc. for school students from rural areas. The idea is to help them perform well in their board examinations.

RPTC has established mutually rewarding relationship with several schools in and around Trichy and Manapparai.

Organizing programs such as educational fair, Vetri Elithe, Inter school volley ball, chess and carom tournament for the benefit of class X and XII students have paved ways for promoting the institution in a big way.

S.No	Name of the Event	Resource Person	Date of the Event	Place	No of Participants
1.	Khadhi Program	Dr R.Joshua Arul Kumar	24-2-22	RPTC	All Staff & Students
2.	COVID – 19 Vaccination Program	Dr.Anushya & Team	10.05.22	RPTC	75 Students
3.	Women Empowerment Workshop	Mrs D. Millicent and Mrs.R.C.Mary Julia	11-05-22	RPTC	50 Women



Khadhi Exhibition



Vaccination Drive



Women Empowerment Workshop

Concluding Remarks

With a long-term strategic focus, we will be well poised to continue to provide an excellent learning platform with solid curriculum and skills necessary to meet the challenges of the modern industrial era.

I would like to sincerely thank The Board of Trustees – Rane Foundation Mr. L Lakshman, Mr. L Ganesh and Mr. Harish Lakshman, Governing Council Members of Rane Polytechnic Technical Campus, Employees of Rane, Officials of AICTE and DOTE, Corporates, Heads of the departments, esteemed faculty and staff members, office staff and other supporting staff members who contribute to various developmental activities taking place in the campus.

We are placing on record our sincere thanks and gratitude to Mr. R. Venkatanarayanan, President –Corporate Services, Rane Group, Mrs. B.Rajalakshmi, Head-Educational Initiatives for their untiring support and guidance towards RPTC.

I express my indebtedness to all who in their own way have helped in raising the institution to where it stands today. I owe my gratitude to all the members of Governing Council.

Dear students, my heartfelt thanks to all of you. I am sure that our collective endeavor shall take our institution to greater heights in serving the society in a meaningful and positive manner.

My wholehearted thanks to all parents who have been in constant touch with us and their valuable suggestions helped us to improve in many ways. I look forward to your continued support in our march towards becoming a dream institution.

A special word of thanks to our distinguished guests on the dais and off the dais for gracing this day with their presence.

Finally, I thank God Almighty for sustaining and guiding this institution.

Thanks to one and all and God bless you!