

RANE POLYTECHNIC TECHNICAL CAMPUS



SIXTH ANNUAL REPORT

2016 – 19



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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.N.Saravanan, Factory Manager- ITC Ltd., Foods Division, Viralimalai, Special Guest **Mr.S.Senthilnathan**, Vice President – Rane Occupancy Safety Systems, 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 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

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.

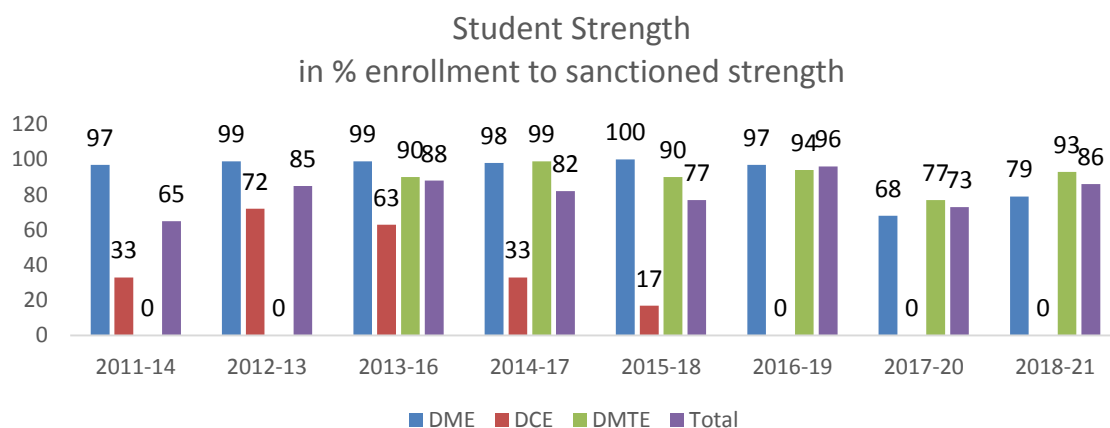
Inception

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-exits between vocational education, regular education and job market.

Students Strength



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

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. K Visalakshi

Dr. S Sundar

Dr. A K Bakthavatsalam

Dr. V Kovaichelvan

Member Secretary

Mr. M. Sankar



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.

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

Service Award

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

S. No	Name of the Staff	Designation
1.	M.Sankar	Acting Principal
2.	S.Packiyaraj	Senior Librarian
3.	D.Michael Francis	Senior Lecturer
4.	R.Nagarajan	Senior Lecturer
5.	Jayanth H.Babu	Senior Lecturer
6.	S.Vinoth Kumar	Senior Lecturer
7.	M.Kannan	Senior Lecturer
8.	D.Madanraj	Administrative Officer
9.	I.Christhu Raja	Technical Assistant
10.	P.Saravana Kumar	Workshop Instructor
11.	V.Thinakaran	Senior Technical Assistant
12.	G.Sophiya	Senior Technical Assistant
13.	K.Pandi	Technical Assistant
14.	P.Kamalakaran	Physical Director
15.	V.Annadurai	Driver
16.	J Shanmugam	Driver

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 recognizing the following staff members for securing 100% result in the last board examination:

S.No.	Name of the Staff	Department	Sem. & Board Examination	Amount (Rs.)
1	D.Michael Francis	Basic Engineering / Mathematics	II SEM (Apr - 18)	3,000/-
2	S.Charles Jebabalan	Basic Engineering/ English	I SEM (Oct - 18)	3,000/-
3	R.Hariharan	Mechanical Engineering	II SEM (Apr - 18)	1500/-
3	M.Arumugam	Mechanical Engineering	I SEM (Oct - 18)	1500/-

Scholarship

RPTC continues to recognize the meritorious students by way of awarding Merit scholarships of Rs. 5,000/- student / department every year to motivate the students to continuously improve their academic performance.

The students receiving scholarship for this year are as follows:

S.No.	Name of the Student	Department	Batch	Average in %	
				Academic	Attendance
1	Thaslima Parveen M	DME	2016-19	94%	100%
2	Nandhakumar M			92%	97%
3	Mohanraj N			DMTE	90%
4	Vaitheeswari S	DME	2017-20	92%	99%
5	Nizar Ahamed M			88%	99%
6	Augustin A	DMTE		95%	100%

In the academic year 2018-19, 65 students obtained the Minority scholarship and 148 students will get Post Metric Adi-Dravidar and Tribal Welfare Scholarship.

Education Loan

During 2018-19, around 10 students 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.

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
2016 - 19	248	40	30	30
2017 - 20	174	45	30	25
2018 - 21	74	40	30	30

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.	▪ Harihar Alloys	▪ Worth Industries
▪ Rane (Madras) Ltd.	▪ Worth Industry	▪ RABWIN Industries
▪ AMMAN TRY	▪ Rane Brake Lining	▪ RANE EVL
▪ SRF Industries	▪ V.V.Engineering	▪ Volkswagen service Centre



In plant Training

Getting the industry exposure will help you to know about how the industry works in the real-life scenario. In-plant training 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.



Educational Tour

Every year an educational tour is organized for the final year students to provide exposure to industry. Through this initiative, the budding professionals are exposed to key systems, processes and concepts they need to acquire to become an effective engineer.

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.

Faculty Development Program

S. No	Name of the program	Date	Name / No. of the participant	Resource Person	Organized by
1	Microsoft Excel	22.10.18	20 Staff	B.Rajalakshmi	RPTC
2	One Day Workshop on Koha & Library Automation	12.10.18	Mr.Packiaraj	Prof.Kannan	K.Ramakrishnan College of Engineering
3	One Week Sabbatical Training program	26.11.18 to 30.11.18	05	RBL, Trichy
4	PIC,PLC and Embedded System	28.11.18 to 30.11.18	05	Selvi K.Prithiya, Galwin Technology	RPTC
5	Modern trends in Teaching methodology	30.11.18	18	P.Ramaraj, S.Rakini	RPTC
6	First Aid Safety Training Programe	19.01.19	04	Mr.Srinivasa Prasad	Rane Vidyalaya
7	Counseling Level-II K7 HR Solutions	23.01.19	30	J.Kesavan,	RPTC
8	3 D – Dream, Design and Deliver	2.03.19	75	Mr.Santhanam	Rane Vidyalaya
9	Robotics	8.03.19 9.03.19	9	S.Senthil kumar from MTAB	RPTC



Training on Microsoft Excel



Training on PIC, PLC & Embedded System



Workshop on Modern Trends in Teaching



First Aid Safety



Second Level Counseling Workshop



3 D Workshop – Dream, Design, Deliver

Alumni Meeting

For the third 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 3rd Alumni Meet on 15.08.18, Wednesday in the Campus. Principal Mr.R.Sasidharan presided over the Alumni Meet. The Chief Guest for the meet was Mr.N.Saravanan, Factory Manager, ITC. Mrs.B.Rajalakshmi, Head – Educational Initiatives, Rane Holdings Limited and Mr.T.Stephen, Unit Head, Worth Industry were the Guests of Honor.

The Chief Guest Mr.N.Saravanan conveyed that Alumni should know their role in the development of college and to be in contact with the Institutions & students and share their industrial experiences with the students through Alumni Newsletter. The Alumni also shared their experiences which they have got outside of the college campus.



Chief Guest Address



Participants of the Alumni Meet

Details of alumni cell office bearers

S. No	Name	Department	Designation
1	Ragul R	DCE	President
2	Gunasekar G	DME	Vice President
3	Atchuthan A	DCE	Secretary
4	Ganesh	DCE	Executive Member
5	Rajkamal S	DCE	Executive Member
6	Jershan	DMTE	Executive Member
7	Nijanthan N	DMTE	Executive Member

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 15th September 2018 and 9th February 2019. More than 200 parents participated and benefitted through the meet on their ward's academic performance and areas for improvement.



Parent Teacher Meet

Visitors at RPTC

Eminent professionals who visited our campus last year

- Mr.Hideki Koike - Rane NSK Steering System
- Mr.Amitav Mukherji - ITC, Corporate HR
- Mr.Raju & Mr. Mahesh - Cavin kare Pvt Ltd, HR
- Mr.N.Saravanan - L & T, HR
- Mr.Saturo sudo - Nisshinbo Brakes Inc, Japan
- Mr. Funa Koshi - Suzuki
- Mr.Rajiv Sawa - Maruthi
- Mr.Shanmuga Singh - Rane Brake lining

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.

We 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:

S.No	Events Name	Winners
1	Elocution (Tamil)	1. A.Deepak David Franklin – DME – III Year 2. R.Sakthivel – DME – II Year 3. T.Ganesh – DMTE – I Year
2	Essay Writing (Tamil) Essay Writing (English)	1. S.Vaitheswari – DME –II Year 2. J.Sebastin – DME –II Year 3. J.Raja – DMTE –II Year 1.P.R.Sathappan – DMTE – I Year 2.E.Sabarish – DME – II Year 3.M.Thaslima Parveen – DME – III Year
3	Poetry Writing (Tamil) Poetry Writing (English)	1. D.Jenifer Nancy – DMTE – II Year 2. P.Jeevitha – DMTE – II Year 3. S.Vaitheswari – DME – II Year 1. M.Victor Kirubakar – DME – I Year
4	Quiz	1. R.Somnath – DME – III Year 2. A.Fehney Rozario – DMTE – III Year 3. G.Prakatheeswaran – DMTE – I Year
5	Drawing	1. K.Chandru – DME – I Year 2. A.James – DMTE – III Year 3. V.Abdul Hafeez – DMTE – II Year 3. G.Lakshmana kumar – DME – II Year
6	Singing	1. S.Gowsihan – DME – II Year 2. R.Johanana Samuel – DME – II Year
7	Anagram	1. N.Syed Ashiq Hussain – DME – I Year 2. M.Thaslima Parveen – DME – III Year 3. A.Augustin – DMTE – II Year
8	Debate	1. A.Deepak David Franklin – DME – III Year 2. M.Victor Kirubakar – DME – I Year

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:

S.No	Name of the students	Events attended	Position secured	Date of the event	Host college or place
1	R.Sivabharathi S.Mansoorali Khan S.Venugopal A. Vivek	Two Days International Workshop on IC Engines (Auto 2018)	Participation	29.12.18 and 30.12.18	Dhanalakshmi College of Engineering Thambaram
2	V.Sethu S.Sriram	Paper Presentation	Participation	24.08.18	Krishna Poly College, Coimbatore



Intra-Departmental Activities in Mechanical Department

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 of the students	Events attended	Position secured	Date of the event	Host college or place
1	DMTE – II Year Students	YENTRA 2018	Participation	7.9.18	Sri Ramakrishna Polytechnic College, Coimbatore
2	DMTE Students	One Day Workshop on “Advancement in Vehicle Dynamics and Automation Technology”	Participation	8.9.18	Volvo & Government College of Technology
3	DMTE – II Year Students	Quiz Competition	Participation	4.1.19	Thiyagaraja Polytechnic College, Salem
4	R.S.Praveen kumar	CAD Modeling of “DHAANISHYM 2K19”	First Prize	2.2.19	Dhannish Ahamed Institute of Technology.



Intra-Departmental Activities in Mechatronics Department

Technical Symposium

In the process of being a Thought Leader amongst Polytechnic Colleges in the region RPTC conducted the second State Level Technical Symposium – **RPTC VAIBHAV-2K19** on 09.02.2019. 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-2k19 provided the platform. The Chief Guest of the inaugural function was Mr.T.E.Elangovan, Advisor, Rane TRW, Uttaranchal. S.Ramanathan, Head Operations, Rane Brake Linings Ltd., Trichy was the special guest on the occasion.

Paper Presentation, CAD 2D & 3D, Machine Dismantling & Assembling and Electronic Circuit Debugging were the different competitions held in this symposium. **240 Students from 35 colleges** participated in this State Level Technical Symposium. There were more than 25 teams in each competition. Students participated in the events with great enthusiasm. Mr.M.Sankar, our College Principal delivered the Valedictory Address. The winners in the events were awarded with Cash and Certificates.





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.	World Environment Day	Mr.R.Sasidharan Mrs.B.Rajalakshmi	05.06.18	RPTC	25 Students and Staff
2.	An Awareness Program on Yoga	Mr.M. Gopal and Mr R.Thiruppathi	21.06.18	RPTC	200 Students and 60 Staff
3.	Swachhta Pakhwara	NSS Program Officers	11.08.18	Sethurapatti Village	25 Students and Staff
4.	International Day Against Drug Abuse	Mr.J.D.Albert Stephen Mr.D.Micheal Francis Mr.J.Elangovan	26.06.18	RPTC	60 students and 3 staff
5.	72nd Independence Day	Mr.R.Sasidharan Mrs.B.Rajalakshmi	15.08.18	RPTC	200 Students and 60 Staff
6.	Eye Donation Awareness Program	Joseph Eye Hospital, Trichy and JCI, Excel & Sharon Trichy	05.09.18	RPTC	100 Students and Staff
7.	Teacher's Day Celebration	Mr Sridhar Mr R.Sasidharan	05.09.18	RPTC	600 Students and 60 staff
8.	Trichy Marathon	KMC Hospital	30.09.18	Trichy Court to Anna Stadium	25 Students, 5 Staff & Principal
9.	Surgical Strike Day	Mr.M.Sankar Mr.G.Kathiravan Mr.D.Madhanraj	30.09.18	RPTC	50 Students, 5 Staff

10.	Awareness On Ban Plastic	Mr.J.D.Albert Stephen Mr.D.Micheal Francis Mr.R.Nagarajan	12.10.18	RPTC	25 Students, 5 Staff
11.	Youth Awakening Day	Mrs.R.Vijayalaxmi Govt School ,Trichy	15.10.18	RPTC	200 Students and Principal Staff Members
12.	Eye Screening Camp	Joseph Eye Hospital Dr.Dhivya	16.10.18	RPTC	300 Students 50 faculty
13.	NSS Special Camp	Mr.M.Sankar, Mrs.B.Rajalakshmi	09.03.19 to 15.03.19	Sethurapatti Village	50 NSS Volunteer
14.	Pulse Polio Immunization	Tamilnadu Government Hospitals	10.03.19	Mukkombu and Kallanai	50 NSS Volunteer and Staff



World Environmental



Yoga Day



Drug Abuse - Awareness



Independence Day



Teachers Day



Trichy Marathan



Surgical Strike



Ban Plastic



Youth Awakening Day



Eye Screening



Pulse Polio Camp



(NSS Special Camp)

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
RPTC Team	District Athletic Tournament	Participation	17.07.18	Anna Stadium, Trichy
RPTC Team	IPAA Cricket Tournament	Participation	31.08.18	Jayaram Polytechnic College - Thuraiyur
RPTC Team	IPAA Volleyball Tournament	Participation	14.09.18	MAM Polytechnic College - Trichy
T.Tamil Selvam	Trichy Dt. Silambam Tournament	First	23.09.18	Anna Stadium Trichy
T.Tamil Selvam	State Silambam Tournament	Participation	30.09.18	Vidhyalakshmi Matric Hr Sec School
RPTC team	IPAA Carrom Tournament	Runner	08.09.18	RPTC
RPTC team	IPAA Chess Tournament	Runner	08.09.18	RPTC
T.Tamil Selvam	Trichy Dt. Silambam Tournament	First(Otraikambu veechu)	02.12.18	Govt HSS - Mathur,Trichy
T.Tamil Selvam	Trichy district silambam tournament	First(kambusandai)	02.12.18	Govt Hss - Mathur,Trichy
T.Tamil Selvam	State Silambam Tournament	Participation	09.12.18	Scholar Nursery and Primary School - Dindigul
T.Tamil Selvam	State Silambam Tournament	First	30.12.18	Akshaya Public School - Palani
RPTC Team	IPAA Athletic Tournament	Participation	02.01.19	Kongunadu Polytechnic College - Thottiyam

Sports Activities



**T.Tamilselvam, DME – I Yr
Winner in District Level Silambam
Tournament**



**Runner in Chess
IPAA Tournament, 2018**



Runner in Carrom – IPAA Tournament, 2018



Sports Day

Rane Polytechnic Technical campus celebrated the Annual Sports Meet 2018-19 in a colourful and grand manner on 26.01.19. Mr.M.Sankar, Principal, Rane Polytechnic Technical Campus 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 and annual day competitions were awarded medals and certificates of merit.



Athletic Events



Winners were awarded prizes

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.	Inter School Tournament	Dr.T.Pichiappa Mr.L.Manikandan Dr.I.Arokiaraj	06.01.19	RPTC	800 Students
2.	Pulse Polio Immunization	--	10.03.19	Mukkombu Kallanai	50 NSS Volunteer and Staff
3.	Khadhi Exhibition	--	09.02.19	RPTC	300 Students and Staff
4.	Swatch Bharath	Mr.S.Panneerselvam	16.02.19	Srirangam, Theppakulam	200 Students and Staff



Chief Guest Speech



Player Introduction



Winner in Volley Ball



Winner in Kho-Kho



Khadhi Exhibition



Swatch Bharath

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.

Consolidated Report on Institute of Engineers Program

SI No	Date	Topic	Resource Person	Name of Staff
1	19/2/19	Role of first principle calculation in Materials Modeling	Dr. K Santhy Associate Professor	Dinesh Kumar P Vinoth kumar S
2	26/2/19	Experimental Model Analysis in Composite Structure	Er. D.R. Rajkumar Assistant Professor	Thirupathi R Vadivel murugan S
3	5/3/19	Latest developments in the use of Basalt Composites in construction Industry	K R Nandhagopal Assistant professor	R.Hariharan N.Karthick
4	12/3/19	Digital Marketing	Mr. Johnson Managing Director & CEO	R.Nagarajan D.Jockin
5	19/3/19	World Water Day	Er. D Harsha Former AGM	M.Arumugam S.Arul suresh
6	16/4/19	King of Stock Market Warren Buffet	Mr.S.Manivanan	M.Sathishkumar

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 (IIEEE) & COMPUTER SCIENCE 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)

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.

We have arranged an “Interview Skills” Training Programme for our Mechanical and Mechatronics department student on 29-11-2018. Resource person was Mrs.B.Rajalakshmi, Head Educational Initiatives, Rane Holdings.



“Interview Skills Training”

Our Career Guidance Cell also provided Training on “Preparation for Interview and Expectations of Industries” by Mr. Rajesh, HR Manager-Rane Brake Lining, Trichy to our students of both Mechanical and Mechatronics Engineering.



Training on “Preparation for Interview and Expectations of Industries”

Our Placement Officer Mr.Jayanth.H.Babu attended the Placement Meet Arranged by M/S.Turbo Energy Pvt Ltd, Chennai on 01-12-2018 and M/S.Lucas TVS, Padi, Chennai on 19-12-2018.



Entrepreneurship Cell

Entrepreneurship Cell(E-cells) is set up to foster entrepreneurship among the 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.

The students Office Bearers are as follows.

Sl.No	POSITION	NAME
1.	CEO	A.Mohamed Fayasudeen
	VICE – CEO	V.Sethu
2.	HR	V.Praveen Kumar, S.Dharsan
3.	FINANCE	V.Karthick, V.Sivasankaran, R.S. Praveenkumar
4.	MARKETING	A.P.Asuwin, R.Yusuf khan
5.	MEDIA	V.Rahul, S.Sankara Narayanan

Entrepreneurship Cell Training Program

We have finished the training Programme and completed 1st Level of course which had 30 hours of duration in 2017 and in this academic year our Faculty Members and students were attended the 2nd Level Training in Wadhvani Foundations Entrepreneurship Training Programme jointly conducted by Anna University, Trichy Campus and EDII, Tamilnadu on 11th & 12th July, 2018 and 19th & 20th July, 2018.



Entrepreneurship Cell Training Program

Placements

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.

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
Total	663	59	527	87	155	24	75	57	253	17	185	78	1071	100	787	81

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

This year, the sixth batch of 119 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 68% of the students have already been placed and more corporates are lined up to visit us for campus placement.

2016-19 batch placement as on date

Department of Mechanical Engineering

S.No	Name of the Company	Number of Students
1	Brakes India Ltd	7
2	Sanmar	8
3	Turbo Energy Ltd	2
4	TVS-Training & Services	28
5	RANE - TRW,Trichy	3
6	Wheels India Ltd	21
7	Saint Gobain Ind Pvt Ltd	6
8	L & T	5
9	ELGI	1
10	RANE - NSK	2
Grand Total		83

Department of Mechatronics Engineering

S.NO	Name of the Company	Number of Students
1	Cavinkare, Erode	5
2	ELGI Equipments, Coimbatore	1
3	Saint Gobain, Chennai	4
4	RANE NSK, Chennai	4
5	L & T, Coimbatore	5
6	Turbo Energy, Chennai	6
7	Rane TRW Steering Systems PVT, Ltd.	3
8	TVS Training and Placement	8
TOTAL		36
Grand Total		119 / 188



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.)		
	Year (2017)	Last Year (2018)	Current Year (2019)
Book Titles	560	580	670
Book Volumes	3450	3680	3880
Seating Capacity	130	130	140
Multimedia PC	10	10	10
National Journals	17	17	14

Canada India Institutional Cooperation Project (CIICP)

Contributing to the national agenda of skill building has always been on the radar of RPTC. RPTC has been approved as one of the polytechnic colleges for the implementation of CIICP from the academic year 2012-13 by the State Project Coordination Unit (SPCU) established under DOTE.

All the courses conducted as part of the CIICP project are duly authorized by the DOTE including the syllabus, course content, faculty, course fee etc. The duration of the program ranges from 7 hours to 240 hours depending upon the course. DOTE and RPTC jointly award the course completion certificate to those candidates who successfully complete the course.

CIICP courses are conducted on the following various thrust areas like:

- Continuing Education
- Vocational Training
- Total Quality Management (TQM) which includes Staff development, Students services, Management Information System and Infrastructure development
- Industry Institute Interaction
- Environment Development
- Equipment Repair & Consultancy

This year under CIICP we have taken several initiatives. 84 participants benefitted under this scheme.

S. No	Thrust Area	No. of Programs Conducted	No. of Beneficiaries
1	Continuing Education	4	84

Continuing Education

1. CNC Programming and Machining
2. AUTO CAD Training
3. CREO Software course
4. PLC Training course.

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 and Mr. D. Viswanathan, Advisor-Finance 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!
