



TRAINING

&
PLACEMENT CELL

NEWS LETTER



RANE
POLYTECHNIC
TECHNICAL
CAMPUS

2016-2017



**I Believe that every person
is born with talent.**



RANE POLYTECHNIC TECHNICAL CAMPUS

TRICHY



The Rane Polytechnic Technical Campus (RPTC) is a self financed institution managed by Rane Foundation. The college was started during the academic year 2011-12, approved by All India Council For Technical Education (AICTE), New Delhi and affiliated to Directorate of Technical Education (DOTE). Tamil Nadu to conduct three-year diploma level course in Engineering and Technology, with an objective to promote quality technical education in Trichy and Neighboring District. It has an eco-friendly building, spread over a 7 acre, campus at Fatima Nagar, Sethurapatti Village, Srirangam Taluk, Tiruchirappalli District.

Courses offered:

- Diploma in Civil Engineering
- Diploma in Mechanical Engineering (NBA Approved)
- Diploma in Mechatronics Engineering
- Diploma in Mechanical Engineering – (Part Time)

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 adapting 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.*

Vision of the Department of Mechanical Engineering

To create Technically skilled and professionally competent workforce for mechanical and allied engineering industries.

Mission of the Department of Mechanical Engineering

- ✚ *To facilitate conducive learning environment through quality resources*
- ✚ *To train the faculty for enhancing their competency*
- ✚ *To develop the employability of the students in line with industrial needs by interfacing with mechanical and allied industries.*
- ✚ *To provide effective career guidance to promote entrepreneurship and higher education*
- ✚ *To promote personal and professional ethical values.*

Program Educational Objectives (PEOs)

Department of Mechanical Engineering

Students of Mechanical Engineering will

- ✚ *Demonstrate their solid foundation in Engineering, Science and Technology leading to successful career in Mechanical and allied Engineering.*
- ✚ *Demonstrate analytical and problem solving skills in their domain.*
- ✚ *Exhibit technical skills in operating tools, machineries and equipment to meet industry requirements.*
- ✚ *Evince lifelong learning upholding ethical practices in their chosen field of profession.*

MESSAGE FROM THE PRINCIPAL



It gives me immense pleasure in writing this letter to my student community. My belief says and confirms that every individual is capable and can do wonders when they are getting adequate care, opportunities and education. There are three "E"s which shape good human being in the society that is Education, Environment and Experience.

Being in the education field we are trying our best to transform skills, knowledge and attitude (SKA) for each and every student at right time and with right practices. This makes the student to become good engineer, good human being and good citizen of India.

As we are entering in sixth year of operation, there are major milestones like six hundred plus students studying in our campus, four hundred and sixty-five students completed their course and gone for higher studies and placement, started contributing to the society and further working as our ambassadors and responsibility of my team members is increasing to sustain these milestones and striving for better deliverables to all our stake holders.

I wish all my students who contributed and show case their talents in this newsletter and best of luck for their career.

My heartfelt thanks to Editorial team of this newsletter for taking extra effort to make this newsletter colorful, joyful at the same time very informative and interesting to readers.

Thanks again to all and almighty

M.Saravanan

CORPORATE ADDRESS



Conquering New Frontiers

"Make the most of yourself, for that is all there is of you"

Dear Students,

*India is the only country that has the potential to change the world in the 2020s in the way that China changed it in the 2000s. India is in urgent need of generating employment due to its expanding working age population for **EMERGING MANUFACTURING HUB OF THE WORLD** Between 2015 and 2020, the working age population will rise from 804 million to 856 million. This requires 10 million additional jobs per year.*

There is no doubt that the scope of mechanical engineering has changed dramatically over the years. From turbines and pistons to renewable fuels and biomed applications, the Department of Mechanical Engineering has been a key driver of the continuing evolution of the field. Every day Mechanical Engineer is adding new capabilities in this crucial area of today's engineering world.

Mechanical engineers can be at the forefront and trend setter of developing new technology for environmental remediation and green technology, farming and food production, housing, transportation and water resources and Garnering national attention and making impacts in such diverse areas as health and medicine, factory automation, security and personal protection, environmental monitoring, and geographic exploration.

The most obvious future trend for mechanical engineer is green technology/environmental engineering. This stems more from government regulations (Make in INDIA) that people asking for more green technology things like electric/hybrid cars, solar cells and pollution reduction system. Interdisciplinary integration is a current biggest trend in product improvement and manufacturing.

The most obvious of which is mechatronics, Biomechanics, Bio mechatronics, robotics. In addition to crossing traditional boundaries and reaching out to include fields like robotics today the mechanical engineering community is also becoming more global, by crossing geographic boundaries.

Mechanical engineers are hugely demanded in both India and abroad. There are plenty of opportunities in an Automotive Industries. Automotive industries are the leading economic sectors by revenue. Among all the industries this is the only one whose production has not been decreased but increased thrice a decade before. All automotive companies are busy in designing, developing and manufacturing a different vehicle to sustain in the market. Today USA, Japan and China are the leading producer of automotive vehicles almost 85% of the world's automotive vehicles. India is also a prominent auto exporter and has strong export growth expectations for the near future.

In order to keep up with the growing demand, several auto makers have started investing heavily in various segments of the industry during the last few months. So for a mechanical student it's a great choice for them to be the part of automotive industries with handsomely salary as these industry requires skillful and efficient engineer.

Success doesn't come overnight, common sense, hard work, and careful planning and execution skill is what it takes to catapult even an ordinary career to enviable heights and it is clear that Engineering student throughout the world must develop special skills to adapt quickly and become effective professional in an international manufacturing community.

Hard work and Dedication are two important success factors of any career. If we apply those sincerely at appropriate time, then definitely it turns as big success in your career.

"Scientist study the world as it is; Engineers create the world that has never been"

All the Best,

M. Sivakumar,

General Manager – Operations,

Rane TRW Steering Systems Pvt Ltd,

Viralimalai Unit – 621316,



A Journey To Greatness,

As a part of Rane's CSR initiatives, the Rane Polytechnic Technical Campus (RPTC) was founded in Fathima Nagar near Trichy in the year 2011 under the aegis of Rane Foundation. With the primary focus of serving the rural youth hailing from poor socio-economic background the rural location was selected and a magnificent building was put up to house excellent infrastructure facilities to impart high quality technical education. Right from its inception, true to the spirit of Rane and its Mission total quality has been the Mantra in Rane Polytechnic College activities in the whole gambit of capacity building to establish a culture of high ethics and moral values. With a sense of confidence the Polytechnic has been rigorously pursuing to set a process of high standard in its day to day activities of educating the students as holistic personality which would pave way for ultimate NBA accreditation. Though it was young, it infused confidence rightly in the mind of the officials at DOTE and was given the responsibility of conducting 3 state level CIICP workshops to train the faculty of Polytechnic Colleges on "the core competency management on Total Quality Management", "CNC Programming and machining" and "the Orientation Program on M Scheme - Communication English I & II" in June 2013, Dec 2013 & Dec. 2015 respectively.

When RPTC looks back the path it travelled, there is enough reason to feel proud of its achievement, though it has to go a long way to reach a great height. The challenges it faced during the past years never demoralize, but taught valuable lessons to organize and implement many initiatives in a pragmatic, effective manner for sustainable healthy growth.

RPTC is aware of "Make in India" and "Digital India" two important policies announced by Govt. of India along with the National Skill Qualification Framework (NSQF) which facilitate Multiple Level Entry & Exit for the skilled manpower working in Industries specifically in unorganized sector (like construction industries) with different level of formal education. This initiative will pave way for vertical and horizontal mobility of skilled manpower with appropriate training and consequent accreditation.

As RPTC has excellent Industry Institute Interaction, it will take up these initiatives specified in NSQF frameworks at the appropriate time with all its commitment and sincerity to train the manpower working in the industries to improve their skill, consequently their socio-economic status. The future looks very bright, and it marches enthusiastically towards its goal of becoming a great Institution.

K.Sabapathy,
Academic Adviser,
Rane Polytechnic Technical
Campus.

Training and Placement cell

Over view:

The Training and Placement, Career Guidance, Entrepreneurship cell provides guidance and assistance for the students to achieve their career path successfully. It gives ample opportunity to the students to develop their personality by conducting various training programs to meet the industry expectations. The training and placement cell works on placing our students with core companies of the respective discipline of education. Also we aims to achieve 100% placement to our students.

Mission:

The Training and Placement cell support the students of our institution through training for development of desired skills, counseling etc.. essentials for suitable job profile/higher studies/self employment.

Objective:

- *Our goal is to make every student to attain the highest employable skills and career prospects to achieve 100% placement.*
- *Bridging the gap between industry and institute.*
- *Provide training to develop professional attitude through external and institutional expertise.*
- *Conducting career guidance program to enrich the students' awareness about career.*
- *Collect feedback from the employers and provide input to the curriculum.*

Training programs:

- *Aptitude* - *Aptitude coaching and tests are conducted from IInd Year onwards.*
- *Communication skills* - *Training on developing body language, skills Conversation & language learning by experts.*
- *Technical Exposure* - *Training on technical skills by industrial experts & Institutional faculties.*
- *Interview skills* - *Training on interview techniques and mock interview Sessions by Experts.*

Some of the Glimpses of various Interviews.....



Finishing School Program (FSP):



Finishing school program (FSP) formerly referred as Value Add Program (VAP) is a structured curriculum delivered over 248 hours which accounts for 3 credits in parallel to DOTE prescribed syllabus. The curriculum includes language skills, behavioral competencies, value education and systems & safety. The philosophy behind this initiative is to enhance the employment to our students that their assimilation and progress in their professional career has manifested in several positive ways enabling the success of both the students and the organizations.

Entrepreneurship Development Cell:

Entrepreneurship development cell (EDC) constituted to promote /motive young entrepreneurs from our polytechnic. Mr.Sunder rajan, proprietor , Subham transport had shared his experience of being an Entrepreneur.



An awareness program on Entrepreneurship was conducted for students by dignitaries from the district industrial Centre and TIDITSSIA, Trichy. Mr.N.Kanagasabapathy B.E., President/ TIDITSSIA had shared his experience of “Being an Entrepreneur and the challenges faced” and also he insisted the importance of an Entrepreneur for today’s India.

Mr.B.Karthigaivasan, Asst.Director (Technical)/Product Manager had given the clear view of selecting the products, Government norms for starting the business and various Supporting Government organizations like MSME, District Industrial Centre etc.

Finally the Dignitaries have extended their support by planning a Live Entrepreneur Training and the sharing of young Entrepreneur’s in the future days.

Our Principal Mr. M.Saravanan had given some of the Real time Example of Budding Entrepreneurs, those who studied in the Rane Polytechnic Technical campus to our third year students(2014-2017 batch)11th March, 2017.



The students are motivated by the young entrepreneurs and Mr.R.Ravishankar, Entrepreneurship Development Cell Coordinator has shared some of the Stories of Budding entrepreneurs like the founder(s) of ZOMATO,REDBUS, FLIPKART and ARCELOR MITTAL along with Our Principal.

HR EVENTS



“Conference on Role of Polytechnic Education In Bridging The Skill Gap Between Industry Requirements & Institutional Rigor”

As a part of Bridging the Skill Gap between Industry Requirements & Institutional Rigor, a conference was conducted on 13Th February 2016 at our campus. There are 35 participants from various industries all over from Tamil Nadu participated.

***Mr. R. Venkatanarayanan** President – HR - Corporate Services, Rane Group and **Dr.K.Visalakshi** State Coordinator – SPCU, Directorate of Technical Education highlighted the requirement and objective of this conference on Role of Polytechnic Education in bridging the Skill Gap between the Industry Requirements and Institutional Rigor.*

***Mr. N.Hari Babu** Executive Vice President - L&D & Business Excellence Rane Group was Moderator of the panel discussion, **Mr. G Parthipan** President, Rane TRW Steering Systems Pvt. Ltd., **Mr. T Jeyaseelan** President Valves Operations and Head Business Xomox Sanmar Ltd, Pacific Division, **Dr. A K Bakthavatsalam** Professor & Head Department of Training & Placement, National Institute of Technology, Trichy, **Mr. K Sudhakar**, Senior Vice President – Operations Rane TRW Steering Systems Pvt. Ltd. **Dr. R. Venkatraj** Principal, P.A.C. Ramasamy Raja Polytechnic College are the panelists. Experts highlighted the importance of Building Vocational Skill Base, Soft skills, Up-dation curriculum on industry needs, In plant Training, Industry Based Electives, Staff Development programs etc. to Strengthen Manufacturing and Skilling India. Many of them appreciated the efforts taken by Rane Foundation for organizing this kind of conference to reduce the Gap between Industry and Institute.*

APPRECIATION LETTER
FROM REPUTED COMPANIES



RPTC strongly believes "To make every Man a success and no Man a failure" & RPTC gathered strength to innovate and meet new challenges which is being taken RPTC to greater heights.

High standards and expectations for each student in regard to academic performance, co-curricular participation and responsible citizenship are the foundation of RPTC.

RPTC is providing a safe and intellectually challenging environment that will empower students to become innovate thinkers, creative problem solvers and inspired learners and they are prepared to thrive in the 21st century.

Our best wishes for the initiatives taken for releasing the RPTC Newsletter.

Valliappan S

Senior Manager - HR
Wheels India Limited,
Padi, Chennai.



Students have the curiosity to learn and work hard which very essential especially in the early part of their career.

Anirudh C

Assistant Manager – HR
Sundaram Clayton Limited,
Padi, Chennai - 600050

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RANE POLYTECHNIC TECHNICAL CAMPUS

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