

P.A.C. RAMASAMY RAJA POLYTECHNIC COLLEGE, RAJAPALAYAM

..... Moulding the Engineers for Decades



Progressive PACRPC

NEWSLETTER

July 2018 - December 2018



From the Chief Editor's Desk - Stay Motivated

The concept of success varies from person to person. For some people, it means wealth and for others, power. It is extremely difficult to become a successful person in life. To achieve in life, one has to face a lot of failures and frustrations. Thomas Alva Edison invented the bulb after having experienced hundreds of failed attempts. In fact, each failure is a stepping stone which teaches a lesson. It serves as an inner drive which makes a person to start his work enthusiastically and accomplish his goal. Motivation plays a key factor for success. Countless books are available on "Motivation". But one cannot follow them completely. It is self-motivation which plays a dominant role in the personal development of a person. In fact, one cannot compel a person to achieve. It is self-motivation and self-determination that make a person to thrive in life. This is what happened in Mahatma Gandhi's life. He achieved success only after remoulding himself by eliminating his bad habits. As Louis Fischer has rightly said, "Gandhi was self-remade man and transformation began in South Africa. His was a remarkable case of second birth in one lifetime."

Words of Wisdom

"Self-trust is the first secret of success, the belief that if you are here the authorities of the universe put you here, and for cause, or with some task strictly appointed you in your constitution, so long you work at that you are well and successful."

Ralph Waldo Emerson.

Inauguration of New Workshops for EEE Department - A Unique Achievement

Our institution has signed an MoU with M/s Johnson Lifts Private Limited, Chennai to offer an Industry Based elective titled "Vertical Transportation System" to our Electrical and Electronics students. Under the CSR initiative, M/s Johnson Lifts Private Limited has set up the state-of-the-art workshops such as Electrical Lab, Maintenance Lab and Elevator shaft at our institute for the conduct of Theory and Practical Classes at a cost of 42.5 lakhs. This facility was inaugurated by our beloved Chairman Shri P.R. Venketrama Raja, Shri V. Jagannathan, Executive Director, Johnson Lifts Private Limited and Mr. Yokan K. John, Director, Johnson Lifts Private Limited on 3rd December 2018.



Our beloved Chairman addresses the audience



Mr. Yokan K. John opens the workshop

Placement

The Placement Cell of our polytechnic is making all-out efforts to provide suitable placement services for the final year students. On and Off campus interviews are being conducted by approaching leading industries of our country.

During this academic year, many reputed organizations such as

- TVS Motors
- Saint Gobain India Private Limited
- Ramco Group of Textile Division
- Mastercraft Engineers
- Brakes India Limited
- Ashok Leyland
- TVS Logistics Services visited our campus.
- Blue Star India
- Orchid Chemicals
- Best Corporation
- Lucas TVS Limited
- Royal Enfield
- Delphi TVS and

Notable Achievements

- ❖ Our polytechnic received the prestigious 'Sustainable Institute Industry Partnership award' - (SIIP award), which is given once in two years, in 2018 - 2019 from Society for Educational and Entrepreneurship Development, Chennai for having best collaboration with industries.
- ❖ Our polytechnic has been placed in Platinum category in AICTE- CII Industry - Linked Technical Institute Survey 2018.

Centre for High Skill Training and Research

Centre for High Skill Training and Research has been established in our Polytechnic in collaboration with Bosch Rexroth, Germany to conduct course on Industrial Automation. A total grant of Rs. 3.00 crores for the purchase of Equipment and Rs. 40.00 lakhs as recurring grant for a period of two years has been sanctioned by State Project Coordination Unit(SPCU)DOTE, Chennai.

The centre will be established in two years period of time with state of the art facilities to conduct the following courses for students and faculty of other Polytechnics and Engineering colleges and industry participants

1. Sensor Technology
2. Arduino Programming
3. Pneumatics & Hydraulics
4. PLC Programming.

Papers presented

Staff members were encouraged to present papers at the National and International Level seminars.

- Mr. R. Karthikeyan, HOD/ Mechanical, presented a paper on “Evolution of smart pedagogies with digital gadgets” at the International conference on Recent Trends in Engineering Education held at PSR Engineering College on 5th and 6th October 2018. This paper won the Best Paper Award.
- Mr. T. Raghunathan, Lecturer/Civil, Mr. P.R.Maniarasu, Lecturer/Civil and Mr. A. Ramasubramanian, JDO/Civil, have published papers titled “A preliminary study on aerated geopolymer using calcium carbide”, “A study on effect of rice gruel and carbon dioxide on lime mortar” and “A basic study on fly ash lime gypsum composite with sodium carbonate and sodium silicate as mixtures” in various journals with ISSN numbers.
- Dr. R. Karthikeyan, Lecturer/English, presented a paper on “A critical review on the use of select mobile apps for acquiring basic English language skills” at the International conference held at Mepco Engineering College, Sivakasi.
- Mr. T. Raghunathan, Lecturer/Civil, has published 2 papers viz, “A basic study on calcium carbide aerated geopolymer with pozzolanic powder from fly ash and rice husk ash”, “A study on geopolymer with dyeing industry effluent treatment plant sludge” in 2 different International journals with ISSN numbers.
- Dr. S. Selvalakshmi, HOD/MOP, has presented a paper titled “E-Banking problems & Prospects” at Raju’s College, Rajapalayam.
- Mr. A. Thiruppathi Venkateswaran, Lecturer / English, has presented a paper titled “Adopting Task Based Approach to enhance the Reading Skills of Diploma Students” at the International conference held at Mepco Engineering College, Sivakasi.

Women in Development

Under the aegis of Women in Development Cell of our Polytechnic, various programmes were organized for the benefit of girl students.

- ❖ On 07-07-2018 Guest lecture on “Corporate Chanakya” was delivered by Mr.R.Karthikeyan, HOD/Mechanical for the Girl students. 38 girl students participated in the programme.
- ❖ Personality Development Programme was conducted on 11.07.2018 & 14.07.2018 for the welfare of girl students.
- ❖ Women Entrepreneurship Programme I & II were conducted for the welfare of girl students on 07.07.2018 and 15.08.2018 respectively.
- ❖ **"Vyapar Mela"**

"Vyapar Mela" was conducted on 20.09.18 in the Drawing Hall to develop entrepreneurial skill of the girl



The Chief Guest addresses our students in the Mela.

students under the aegis of Women in Development Cell (CIICP) and Entrepreneurship Management Development Cell. The “Mela” was inaugurated by Mrs. S.Jamuna, Principal, A.K.D.R. Women’s College, Rajapalayam. Products prepared by our students and the participants of Scheme of Community Development through Polytechnics (SCDTP) were displayed in 17 stalls. A total of 238 members visited the Mela. Among them, 160 were girl students, 57 were faculty members and 21 were visitors from neighbouring institutions. The products were sold for Rs. 10,522 and the total profit earned by the students was Rs. 4,914.



Mr.V.Srinivasan, HOD/Textiles visits the Mela.

Student Services

Our Students were encouraged to participate in the contests organized by external agencies. They participated in various events enthusiastically and won prizes. To name a few:

- Our ECE students, Selvan. V.G. Jeyasurya and Selvan. P. Karthikshanmugachandru, won I prize in the Paper presentation contest held at Sankar Polytechnic, Tirunelveli.
- Selvan. K. Kalimuthukani and Selvan V. Manikandan, of ECE department won II prize in the Paper presentation contest held at Sankar Polytechnic, Tirunelveli.
- Selvan M.Esakkiraja and A.Iyyanar of III Textile won I prize in the paper presentation contest held at Arulmurugan Polytechnic College, Karur.
- Selvan. G.Prakash Ganesan of III EEE won I prize in the paper presentation contest held at Lakshmi Ammal Polytechnic College, Kovilpatti.
- Selvan Niddana Chandu Naidu of III Mechanical won I prize in the Paper presentation contest conducted at Periyar Centenary Polytechnic College, Vallam.

Staff Development

Our staff members attended various training programmes conducted by reputed institutes. They were also encouraged to do NPTEL online courses. A handful number of staff members registered and successfully completed courses on emerging areas.

Environment Development Cell

Campus cleaning is done regularly by our students to maintain our college campus clean. Under Environment Development Cell, a guest lecture programme on “Garbology” was organized for our staff members on 16.08. 2018

Personality Development Programme

A Personality Development Programme was conducted for III Year Mechanical Engineering students from 19.11.18 to 23.11.18 to hone the communication and aptitude skills of students by Mahindra Pride School, Chennai. A total number of 180 students were trained by the trainers from by Mahindra Pride School, Chennai.



Our Principal addresses our students

Institution of Engineers (India)

Under the auspices of IE(I) Student Chapter of our polytechnic college, 51st Engineers Day was celebrated in our campus on 15th September 2018. A Paper presentation contest on “Digital Transformation” was conducted and the winners were awarded. Selvan. G. Prakash Ganesan of III EEE won I prize and Selvan. D.Somasundar of III EEE won II prize.

Canada India Institutional Cooperation Project (CIICP)

Under CIICP of our Polytechnic, various continuing Education Programmes were offered to enrich knowledge and hone the inherent potential of both students and outsiders. They are :

- | | |
|----------------------------------|---------------------|
| • Office Automation | • Basic AutoCAD |
| • JCB | • Poclairn |
| • CNC Milling & Lathe | • Mobile Crane |
| • Building Elevation Design | • Fork Lift |
| • Spoken Hindi | • Industrial Safety |
| • Robotics | • Hobby Electronics |
| • Electro Pneumatics | • Sensor Technology |
| • Yarn Manufacturing Technology | |
| • Control of Electrical Machines | |

The fixed assets purchased through CIICP funds during the period July 2018- December 2018 are Logic Installock Screen(4 nos.), Epson LCD Projector, Hammer Drilling Machine, Krykard 10 KVA Stabilizer, Steel rack and Air Blower.

Guest Lectures

A large number of guest lectures were organized for the welfare of students. To name a few:

Topic	Guest Speaker
Selfie with Success	Mr. P. Madhavan, Lecturer(SG)/English, Sankar Polytechnic College, Sankar Nagar
Industrial Instrumentation Systems	Dr. K. Sankar, Associate Professor, National Engineering College, Kovilpatti
Missile Technology	Mr. S. Gowri Shankar, GDM(Retd) Bharat Dynamics Lab, Hyderabad
Electrical Power System Machines	<ul style="list-style-type: none"> Mr. M. Manikandan, Salam Technologies, Qatar Dr. G.S. Ayyappan, CSIR-CSIO, Chennai Mr. A. Murugesan, Techxpert, Bangalore
Project Analysis	Dr. A. Josph Xavier, Asst. Professor, ANJA College, Sivakasi

NCC

NCC wing of our polytechnic is functioning effectively in such a way to bring laurel to the institution. The cadets are given training in rifle drill, map reading, weapon training and adventurous activities regularly. In addition to these practical subjects, the cadets are given exposure in theoretical subjects such as Military history, first aid, leadership traits and social service activities. This year, 29 cadets are appearing for certificate B examination and 20 cadets will be taking certificate C examination shortly.

NSS Activities

The following activities were carried out under NSS of our polytechnic:

- A blood donation camp was conducted on 4th July 2018. 73 students and 9 staff members donated their blood.
- For 628 students and 11 staff members, blood grouping was done on 6th July 2018.
- A career guidance programme was conducted on 16th August 2018. A total number of 350 students participated in the programme.
- An awareness programme on Road Safety was conducted on 24th September 2018.
- To commemorate the birthday of Shri A.P.J. Abdul Kalam, a Youth Awakening Day was conducted at our campus on 15th October 2018. Mr. L. Krishnan, Lecturer/Civil was the resource person.
- National Unity Day was observed on 31st October 2018 to commemorate the birthday of Shri Vallabai Patel.
- Our volunteers rendered their service at the Annadhanam at Ayyanar Temple on 23rd November 2018.

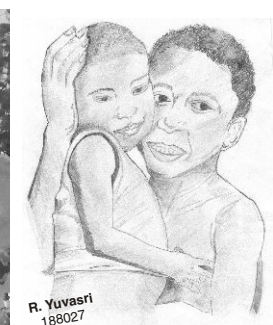


Blood donation camp

Entrepreneurship and Management Development Cell

Under the aegis of Entrepreneurship and Management Development (EMD) Cell of our polytechnic, an awareness camp on "Entrepreneurship" was conducted on 28th and 29th December 2018 for the benefit of 100 final year students. The camp was inaugurated by Mr. P.Chandrasekara Raja, industrialist and Alumni President. Eminent personalities from Industry and Academia were invited to handle sessions on emerging topics. Mr. P. Kailash Kumar, AGM, Bank of Baroda, Rajapalayam, Mr. A. Siva Ayyanan, Director, MSME - DIC, Mr. A. R. A. Rajkumar, MSME Trainer, Mr. S. Viswanathan, IOB Lead Bank Manager and Mr. K. R. Gnanasambandan, Chairman, MADITIA Trust delivered lectures during the 2 day programme. Students were immensely benefited out of this programme.

Students' Corner



Chief Editor : Dr. R. VENKATRAJ, Principal

Editors : Mr. V.S. SUBRAMANIAN, SL / Textiles

Mr. A. THIRUPPATHI VENKATESWARAN, Lect. / English

Dr. R. KARTHIKEYAN, Lect. / English

Mr. N. SEENIRAJ, Sr. Lect. / English (SF)

e-mail : pacrpoly@gmail.com

website : www.pacrpoly.org