

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

..... Moulding the Engineers for Decades



Progressive PACRPC

NEWSLETTER

April 2017 - November 2017



Forever remembered, forever missed



We deeply mourn the sudden demise of our beloved Chairman Shri. P.R. Ramasubrahmaneya Rajha. He was born on 4.7.1935 to Shri P.A.C. Ramasamy Raja, the foremost philanthropic industrialist of our country who founded the P.A.C. Ramasamy Raja Education Charity Trust and established a number of educational institutions.

Shri P.R. Ramasubrahmaneya Rajha learnt from his father during his younger days that, he should live with noble qualities, self-confidence and thereby serve the society. He lived accordingly till he breathed his last. He carried forward his father's noble mission and proved his altruistic leadership. He established this great centre of learning, P.A.C. Ramasamy Raja Polytechnic College, in the year 1963, to uplift the economically weaker sections of the society. His foresighted vision was realized when a large number of diploma engineers left this institution and were well placed in reputed organizations in India and abroad. Having lived a simple life of great worth, he left this world on 11.5.2017. He has left an indelible impression upon us. We feel blessed that his life serves us a big moral which lingers in our mind forever. His noble life reminds us the following words of H.W. Longfellow,

"When a great man dies, for years the light he leaves behind him lies on the paths of men".

Pinnacle of Perfection-Best Performing Institution Award

Our college has bagged the "Best Performing Institution Award" from State Project Coordination Unit, DOTE, Chennai for performing admirable activities under the CIICP during 2013 - 2017. This prestigious award was received by our Principal from Thiru. Sunil Paliwal, I.A.S., Principal Secretary to Higher Education Dept., Government of Tamilnadu, at Directorate of Technical Education, Chennai on 22.11.2017. We are one among the top 10 institutions who received this award.

Congratulations to all who involved in this project!



Our Principal receives the prestigious award from Thiru. Sunil Paliwal, I.A.S.

Women in Development - 'Vyapar Mela' - A Grand Show

In order to develop entrepreneurial skill of the girl students, a one day programme "Vyapar Mela" was conducted on 01.09.17 at our drawing hall under the aegis of Women in Development Cell (CIICP) and Entrepreneurship Management Development Cell. Products prepared by our students were displayed in the "Vyapar Mela". A total number of 80 girl students & 33 teachers from our polytechnic college and 15 teachers from various schools visited this grand show and purchased the products.



Principal visits "Vyapar Mela"

Induction programme for I Year Students

In order to motivate our I Year students, an induction programme was organised on 21st June 2017. Some of our alumni were invited to grace the occasion. They shared their experiences during their stay in this polytechnic and motivated the students.



Results of Examinations -April 2017

S.No.	Term	Branch	Percentage of Pass
1.	IV	Civil Engineering	86.57
	VI	Civil Engineering	95.52
2.	IV	Mechanical Engineering	87.50
	VI	Mechanical Engineering	97.18
	IV	Mechanical Engineering - SF	74.65
	VI	Mechanical Engineering - SF	94.29
	IV	Mechanical Engineering - Shift	45.61
	VI	Mechanical Engineering - Shift	45.61
3.	IV	Mechanical (R&A/C) Engineering	77.46
	VI	Mechanical (R&A/C) Engineering	81.54
4.	IV	Electrical & Electronics Engineering	94.20
	VI	Electrical & Electronics Engineering	92.54
	IV	Electrical & Electronics Engineering - SF	92.86
	VI	Electrical & Electronics Engineering - SF	87.14
	IV	Electrical & Electronics Engineering - Shift	56.10
5.	IV	Electronics and Communication Engineering - SF	64.41
	VI	Electronics and Communication Engineering - SF	67.16
6.	IV	Textile Technology	85.71
	VI	Textile Technology	81.82
7.	IV	Modern Office Practice	100
	VI	Modern Office Practice	90.91
	II	Modern Office Practice	100
8.	II	Engineering & Technology	55.91

Canada India Institutional Cooperation Project (CIICP)

A wide range of Continuing Education Programmes was organised under CIICP to enrich knowledge and hone the inherent potential of both students and outsiders. They are:

- Office Automation
- PLC Programming
- Total Station
- Poclain
- Mobile Crane
- Electro Pneumatics
- Hobby Electronics
- Yarn Manufacturing Technology
- Building Elevation Design
- Control of Electrical Machines
- Quality Assurance in Spinning
- Basic AutoCAD
- JCB
- CNC Milling & Lathe
- Spoken Hindi
- Fork Lift
- Industrial Safety
- Sensor Technology

The fixed assets purchased through CIICP funds during the period April 17 - September 17 are worth Rs. 1 Lakh.

Installation of Solar Power Generating System

A second unit of 5 KW solar power generating system has been installed at a cost of Rs. 4,42,750 by utilizing CIICP funds at our polytechnic college. Both units give an average power output of 60 units per day.

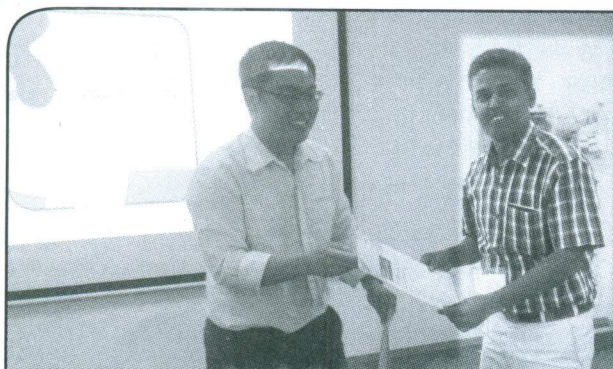
Centre for High Skill Training and Research

Centre for High Skill Training and Research has been established in our Polytechnic in collaboration with Bosch Rexroth, Germany as per the Tamilnadu Government G.O No.167 dated 21.07.2011 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.

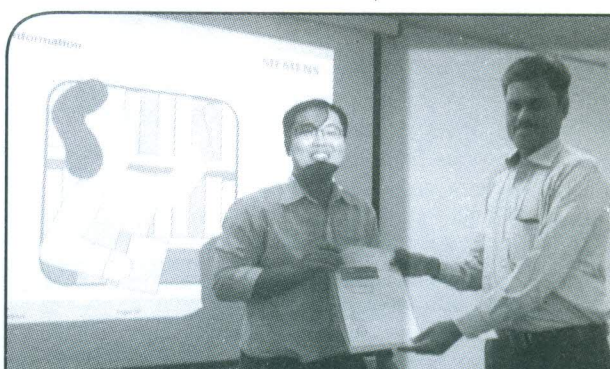
The centre will be established in two years period of time with the state of art facilities to conduct the following courses for students and faculty of other Polytechnic and Engineering colleges and industry participants

1. Pneumatics.
2. Hydraulics.
3. Sensors and its applications
4. PLC and SCADA Systems
5. Bus Technology
6. Mechatronics
7. Simulation modules.

Two staff members of EEE department, Dr. V.R. Velmurugan and Mr. G. Rajagopal were deputed to undergo training programme on Lab view Core 1 and Core 2 at National Instruments, Bangalore from 12th to 16th June 2017 and they were also deputed to SIEMENS, Singapore to undergo specialized training programme on PLC and IoT from 3rd to 12th July 2017 by utilizing HSTC training funds.



Dr. V. R. Velmurugan
receives certificate from the trainer in Singapore

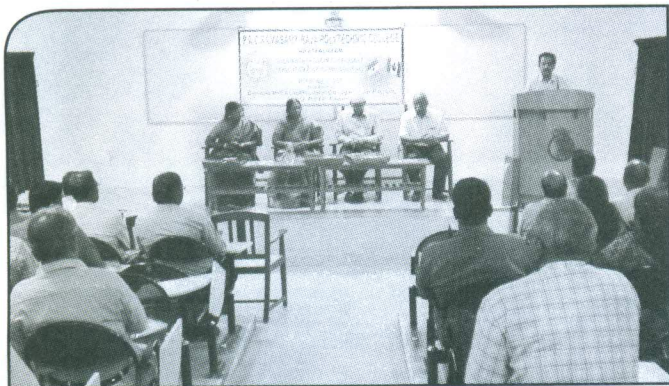


Mr. G. Rajagopal
receives certificate from the trainer in Singapore

After having hands on training, they conducted value added program on "PLC Programming" at Kongunadu Polytechnic College, Thottiyam, Mahendra Engineering College for Women, KSR Engineering & Technology, Thiruchengodu and Ramco Institute of Technology, Rajapalayam.

SPCU-DOTE sponsored "Orientation Programme" for the phase 18 Replication Polytechnic Colleges

SPCU-DOTE sponsored "Orientation Programme" was conducted in our institution on 14th and 15th July 2017 for the phase 18 Replication polytechnic colleges. A total number of 22 participants from 9 institutions actively participated in this programme. The workshop was inaugurated by Mr.K. Sabapathy, Former SPCU Coordinator, and he delivered the Inaugural Address. Dr. K. Visalakshi, Co-ordinator, SPCU, Directorate of Technical Education, Chennai welcomed the gathering and Dr.R.Venkatraj, Principal delivered the vote of thanks. Dr.K.Vishalakshi, SPCU Coordinator, DOTE, Thiru . K. Sabapathy, Former Coordinator, SPCU DOTE, Tmt. R.Anbukarasi, Former Principal, Tamilnadu Polytechnic Madurai, Mr.V.S. Subramanian, Con.Ed. Manager, and Dr. R. Karthikeyan, Lecturer (SG)/English were the resource persons for the programme. The resource persons shared their experiences and explained the importance of CIICP programme implementation in their polytechnics. Certificates were awarded to the participants during the valedictory function. Dr.R. Venkatraj, Principal delivered the welcome address and Tmt. R.Anbukarasi, Former Principal, Tamilnadu Polytechnic, Madurai, delivered the valedictory address. Participants gave their feedback about the workshop.



Valedictory function of Orientation Programme

Alumni Meet

Alumni Meet of 1986 batch was held in Chennai on 05.11.17. Members of 1986 batch gathered there and shared their evergreen memories. Elaborate arrangements for the meeting were done by the members of 1986 batch.



Guest Lectures

- Prof.D.Venkateshkumar,M.E., (Ph.D.), Assistant Professor, National Engineering College, Kovilpatti, delivered a lecture on "Introduction to FEA & ANSYS" for III year Mechanical students on 11.07.17.
- A guest lecture on "Latest Yarn Testing Instruments and Interpretation of Results" was delivered by Mr. J. K. Prakash Peter, Chief Manager (Customer Service), M/s. Vishnu Shankar Mills Ltd., Rajapalayam, on 10.08.17, for III Year Textile students.
- A guest lecture on "Aware of Optical Fibre Communication" was organised for ECE Students on 24.08.17. Mr. P. Arunachalam, Sub Divisional Engineer (Transmission), and Mr. P. Ganesan, Junior Telecom Officer, BSNL, Rajapalayam addressed the students.
- Mr. G. Muralikrishna, Director, Fibreplus Marketing, Coimbatore, delivered a lecture on "Fibre Processing Trends in Blow Room and Carding" for the benefit of II Year Textile students on 28.08.17.

Industrial Visit

- Cotton Research Station, Srivilliputhur, was visited by our II Year Textile students on 28.06.17.
- II Year Mechanical students visited Ramco Cements Ltd., Virudhunagar, on 30.06.17.
- District Science Centre, Tirunelveli, was visited by III Year Mechanical students on 28.07.17.
- III Year Mechanical students visited TNSTC Depot, Nagercoil, on 28.07.17.
- EEE students visited Radio Astronomy Centre, Ooty, on 06.08.17.
- Tuticorin Thermal Power Station was visited by our EEE students on 01.09.17.

Student Services

Students were encouraged to participate in the contests organised by other colleges. They participated and brought laurels by winning prizes.

- Selvan R. Sriarasan, III R&AC, won II prize in the Essay writing competition conducted at Nadar Saraswathi College of Engineering and Technology on 15/07/2017.
- Selvan V.Sudhakar, M. Muthukumaran, J. Selva Ganapathi and A. Gokula Krishnan of III Year Civil won II prize in Short Film Contest at Merit Polytechnic College, Ambasamudram on 18/08/2017.
- Selvan N. Jegan, III Year Civil, won I prize in CADD Contest held at Merit Polytechnic College, Ambasamudram on 18/08/2017.
- Selvan M. Muthukumaran and J. Selvaganapathi, III Year Civil, secured I prize in the Cultural Fest conducted by Erode Sengunthar Engineering College, Erode on 31/08/2017.
- Selvan A. Praveen Kumar and M. Mathankumar, III Year Civil, won III prize in the Paper Presentation Contest held at Erode Sengunthar Engineering College, Erode on 31/08/2017.

NCC

Our NCC volunteers regularly participate in various camps such as Army Attachment Camp, National Integration Camp, Para Sailing, Trekking Camp, Army Signal Attachment Camp etc., conducted throughout the country and bring laurels to the institution.

- Saplings were planted in our college campus on 15.08.17 with the aim of making our campus eco-friendly.
- 40 of our students participated in the Blood Donation Camp conducted at Raju's College, Rajapalayam on 25.11.17.

Environment Development Cell

Under the Environment Development Cell of our Polytechnic, campus cleaning is done regularly by our students to maintain our college campus clean. Essay writing competition in Tamil and Drawing competition on the topic "Green and Clean India" were conducted for our students on 26.09.17 and 27.09.17 respectively. The winners were given prizes. Selvan L. S. Sunil Varma, III EEE, won I Prize and Selvi G. Divya, I MOP, won II prize in the Essay Writing Competition. Selvan V. Manikandan, II ECE, won I Prize and Selvan B. Saikumar, II Civil, won II Prize in drawing competition.

Placement

Our Placement Cell is working round the clock to provide suitable placement for our outgoing students. Many renowned MNCs and business organizations visited and interviewed our students for recruitment. Some of the companies are listed below:

- Blue Star International
- TVS Sundaram Motors
- Orchid Chemicals
- Eureka Forbes
- Igarshi Motors
- Ramco Cements
- Master Craft Engineers
- Hinduja Foundaries
- Loyal Textiles

A total number of 304 students got suitable placement and 80 students opted for Higher Studies.

Personality Development Programme



A Personality Development Programme was conducted for III Year CIVIL, TEXTILE, EEE, ECE and MOP students by Mahindra Pride School, Chennai, in order to motivate them and develop their communication skills, from 01.06.17 to 08.06.17. Five trainers deputed by Mahindra Pride School trained our students. The same programme was conducted for all III Year Mechanical Engineering students from 13.11.17 to 18.11.17. More than 350 students attended and immensely benefited from this programme.

Staff Development Programme

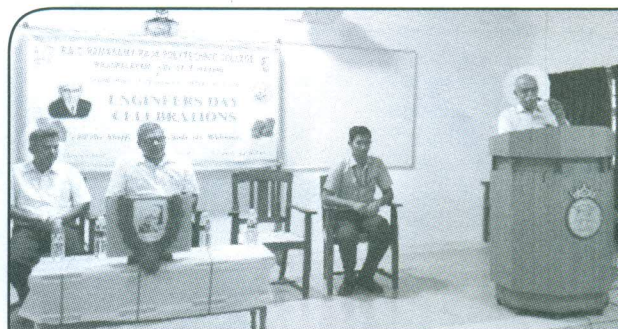
In order to motivate our staff members, In House Training Programmes are conducted regularly.

An in-house training programme on "Team Building" was organised for our staff members on 05.08.17. A total number of 30 staff members from various departments of our college participated in this programme. Dr. R. Karthikeyan, Lecturer (SG) / English, Mr. A. Thiruppathi Venkateswaran, Lecturer / English, and Mr. V. Suresh Kumar, Lecturer / EEE, acted as resource persons.

A training programme on "Interpersonal Skills" was organised for the benefit of our staff members on 02.09.17. A total number of 20 staff members from various disciplines participated in the programme. The resource persons for this programme were Dr. R. Karthikeyan, Lecturer (SG) / English, Mr. M. Hari Prasad, Lecturer / ECE and Mr. M. Senthilkumar, Lecturer / Mechanical.

Institution of Engineers (India)

Under the auspices of IE(I) Student Chapter of our polytechnic college, "Engineers Day" was celebrated on 15.09.17. Our principal presided over the function and addressed the students.



Mr. R. Karthikeyan, HOD / Mechanical, delivered a lecture on "3D Printing" for ECE students of our polytechnic on 07.08.17.



Chief Editor : Dr. R. VENKATRAJ, Principal

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

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

e-mail : pacrpoly@gmail.com

Dr. R. KARTHIKEYAN, Lect. / English

website : www.pacrpoly.org