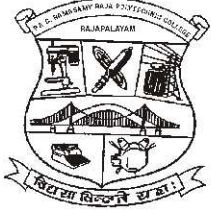


# P.A.C. RAMASAMY RAJA POLYTECHNIC COLLEGE, RAJAPALAYAM

..... Moulding the Engineers for Decades



## Progressive PACRPC

NEWSLETTER

June 2019 - December 2019

### Vision and Mission of The Institute

#### Vision

To become a Centre of Excellence in moulding the students into industry competent and socially responsible engineers.

#### Mission

- To impart high-quality technical education by ensuring adequate infrastructure at workshops and labs.
- To adopt innovative teaching-learning methodologies to make students job-ready engineers.
- To collaborate with industries to offer industry based electives.
- To inculcate communication skills, entrepreneurial concepts and moral values in the minds of students.

*From the Chief Editor's Desk*

#### Words of Wisdom

"One reason so few of us achieve what we truly want is that we never direct our focus; we never concentrate our power. Most people dabble their way through life, never deciding to master anything in particular."

- Anthony Robbins

### NBA Team's Visit

We are proud to say that National Board of Accreditation, New Delhi granted accreditation for three of our programmes namely, Electrical and Electronics Engineering, Mechanical Engineering and Textile Technology for three years, since June 2019. In this regard, an expert team from the NBA under the Chairmanship of Prof. Ekram Husain, Dean, Aligarh University, conducted on-site evaluation of these three programmes from 21<sup>st</sup> June to 23<sup>rd</sup> June 2019.



*The NBA team experts interact with our students*



*The Chairman of NBA Team visits our Lab.*

### MoU Signed with Organisations

S. No.	Organisation	Date	Department
1.	Ramco Group (Textile Division), Rajapalayam Mills Ltd., Rajapalayam	03.06.2019	Textile
2.	Ramaraju Surgical Cotton Mills Pvt. Ltd., Rajapalayam	05.06.2019	Textile
3.	Enmas O&M Services Pvt. Ltd., Chennai	17.09.2019	Mech., EEE & ECE
4.	Gowri House Metal Works LLP, Rajapalayam	07.11.2019	Mechanical
5.	Gobi Electricals, Rajapalayam	23.09.2019	EEE
6.	Sign Wave Technologies, Sivakasi	23.10.2019	EEE
7.	Saint Gobain India Pvt. Ltd., Chennai	19.12.2019	EEE & ECE

### INDUSTRY BASED ELECTIVES

We offer the following industry-based electives along with the regular curriculum prescribed by DOTE, Chennai to our students in order to prepare the students on a par with the industry expectations.



*Enmas O&M Services Pvt. Ltd., Chennai.*



*Saint Gobain India Pvt. Ltd., Chennai.*

S. No.	Dept.	Name of the Elective	Name of the Industry
1.	EEE	Digital Manufacturing	Saint Gobain India Pvt. Ltd., Chennai
		Solar Photo Voltaic Systems	Vatio Energy India Pvt.Ltd., (Solar Division), Chennai.
		Vertical Transportation System	M/s Johnson Lifts Pvt Ltd., Chennai.
2.	Mech	Glass Processing Technology	Saint Gobain India Pvt. Ltd., Chennai
		Operations and Maintenance of Thermal Power Plant	Enmas O&M Services Pvt. Ltd., Chennai
3.	ECE	Digital Manufacturing	Saint Gobain India Pvt. Ltd., Chennai
4.	Civil	Green Dry Construction Technology	Ramco Industries Ltd., Chennai
		Concrete Technology	Ramco Cements Ltd., RRDC, Chennai
5.	Textile	Process Control in Spinning and Weaving	Ramco Groups Textile Division, Rajapalayam

#### • Students' Placement Details

### PLACEMENT ACTIVITIES

S. No.	Name of the Organisation	Date of Interview	Department	No. of students placed
1	Smart DV Private Limited, Bangalore	07.07.19	ECE	01
2	Renault Nissan Automotive India Private Limited, Chennai	14.12.19 & 15.12.19	Mech	14
3	Zoho Corporation, Chennai	19.12.19	Mech	02
4	Brakes India, Chennai	20.12.19	Mech	51
5	Sudarsanam Spinning Mills, Rajapalayam	20.12.19	Textile	08
			<b>TOTAL</b>	<b>76</b>



*Igrashi Motors Pvt. Ltd., Chennai*



*Premier Mills Pvt. Ltd., Coimbatore*

#### • Pre-placement training programmes

S. No.	Dept.	Date	Name of the Expert
1.	Mech.	08.07.2019	Mr. K. Maniraj, Placement Officer, MSPVL Polytechnic College, Pavoorchatram.
		08.08.2019	HR Team, M/s, Ramco Cements Pvt. Ltd.
2.	Mech. (R&AC)	16.08.2019	Mr. D.Sudharsan, Asst. Professor / Mech PSNA College of Engg. and Tech, Dindigul.
3.	EEE	25.11.2019 30.11.2019	Mr. Muralidharan from Mahindra Pride School, Chennai.
4.	Textile & MOP	19.12.2019	Mr. B. Saravanan, Jr. Manager, HR Dept., Rajapalayam Mills Ltd.,



*Training Prog. by Mahindra Pride School*



*Textile & MOP - Pre-placement Training*

### CANADA INDIA INSTITUTIONAL COOPERATION PROJECT (CIICP)

#### • Continuing Education

The following programmes were offered during this period for our students and external participants



*Basic Auto CAD for our students*



*Textile Technical Calculation for industry staff*

S. No.	Course	Details of Participants			Total No. of Participants
		Internal		External	
		Dept.	Number		
1.	JCB, Fork Lift, Poclain, Mobile Crane	-	-	40	40
2.	Robotics	Mech	94	23	117
3.	Yarn Manufacturing Technology (YMT)	-	-	53	53
4.	Basic Auto CAD	All II Year	134	-	134
5.	Workshop on Technical Calculation	-	-	97	97
6.	Sensor Technology	EEE	21	-	21
7.	Arduino Programming	EEE & ECE	162	-	162
8.	Hobby Electronics	ECE	34	-	34
9.	Computer Application	MOP	24	-	24
10.	E-Learning Module	-	-	20	20
11.	Computer Course for School Boys	-	-	864	864
12.	Computer Course for School Girls		-	366	366
13.	YMT (Spinning & Post Spinning)		-	59	59
14.	Industrial Safety	Mech	54	-	54
15.	Tally	MOP	30	-	30
16.	Total Station	Civil	10	-	10
				Total	2085

## Centre for High Skill Training and Research

### List of Equipment Purchased

S. No.	Name of the Equipment	Date
1.	Articulated Robot having 6DOF	26.11.2019

### List of Courses Conducted

S. No.	Course	Participants	No. of Participants
1.	Material Detection and Inspection Technology	EEE Students of Ramco Institute of Tech. Rajapalayam.	38
2.	Workshop on PLC Programming	EEE Students of Noorul Islam Polytechnic College, Punkarai.	99
3.	PLC Programming	EEE Students of Mahendra Engineering College, Mallasamudram	128



HSTC - Robot Installation



Mat. Detection Inspection Tech. Course



Workshop on PLC Prog.

## Student Services

S. No.	Name of the Program	Date	Participants
1.	Induction Programme	17.06.2019	I Year Students
2.	Film Show on the Title : "Kulanthaikalin Jaippathu Nijam"	19.12.2019	I Year Students



Induction Programme



Film Show

## Environment Development

S. No.	Activity	Date	Participants
1.	Solid Waste Management Prog.	12.12.2019	All Students
2.	Campus Cleaning	Every Thursday	"





*Solid Waste Management Prog.*



*Campus Cleaning*

## Women in Development

S. No.	Name of the Programme	Date	No. of Participants (Girls)
1.	Diagnosing Anaemia through Haemoglobin Test	19.07.2019	191
2.	How to become Sakthishali by enhancing HB level	06.08.2019	191
3.	Safety Awareness Prog.: A Demo on Kavalan App	06.12.2019	191
4.	Eve's Fest Contest at Arasan Ganesan Poly. College, Sivakasi	21.12.2019	11



*Sakthishali Programme*



*Our students receive prizes at AGP Eve's Fest, Sivakasi.*

## Staff Development Programme

### ❖ Ph.D. Awarded

Mr. S. Arun Sankar, Lecturer/EEE, was awarded Ph.D. by Anna University, Chennai in September 2019.

### ❖ NPTEL Online Courses Completed

S. No.	Details	No. of Staff / Students
1.	No.Staff completed the course	12
2.	No.Staff obtained Silver Certificate	7
3.	No.Students completed the course	10

### ❖ Special Achievers in NPTEL Courses

S. No.	Name	Details of the Certificate
1.	Mr. A. Thirupathi Venkateswaran (Lect. /Eng.)	Gold Certificate & Certificate of Appreciation
2.	Mr. M. Hari Prasad (Lect. /ECE)	Gold Certificate

## ❖ Training Programmes Attended

S. No.	Details	No. of Prog.	No. of Staff
1.	Programmes Organised by reputed Organisations	17	46
2.	In-House training Programmes	6	120



*Industrial Automation Prog.*



*Classroom Management Prog.*

## ❖ Publication in Journals

S. No.	Name of the Staff	Journal
1.	Dr.S.Arun Sankar, Lecturer/EEE	Journal of Electrical Engineering
2.	G.Deepa, Sr.Lec./ECE	JICR

## ❖ Paper presentation by our staff

S. No.	Name of the Staff	Venue
1.	Mr.R.Karthikeyan (HOD/Mech.)	Kalasalingam University, Krishnankovil
2.	Dr.S.Selvalakshmi (HOD/MOP)	Sri Kaliswari College, Sivakasi
3.	Mrs.D.Sathyakala (Lec./MOP)	Sri Kaliswari College, Sivakasi
4.	Mr.R.Ragavan (Lec./Mech-R&AC)	Kalasalingam Academy of Research and Education, Krishnankovil

## ❖ Guest Lectures delivered & acted as Resource Persons by our staff

S. No.	Name of the Staff	Venue
1.	Mr.R.Karthikeyan (HOD/Mech.)	Arasan Ganesan Polytechnic College,Sivakasi Sri S.R.N.M. Polytechnic College, Sattur Ammaipappar Polytechnic College,Thalavaipuram
2.	Dr.R.Karthikeyan (Lec.(Sr.G)/MOP) (Master Trainer in TN Govt. Sponsored English Teachers Training Prog.)	CIT, Coimbatore PSG, Coimbatore GCT, Coimbatore
3.	Mr.G.Rajagopal (JDO/EEE)	Ayyanadar Janaki Ammal Polytechnic College, Sivakasi
4.	Dr.R.Murugaboopathy (Lec./Civil)	Ammaipappar Polytechnic College, Thalavaipuram
5.	Mr.S.Ganesan (Lec./Textile)	The Institution of Engineers (India), Tiruchi
6.	Mr.B.Mariselvam (Lec./Mech.)	Everest Polytechnic College, Kadayannallur

## Industry Institute Interaction (III) Activities

### ❖ Industrial Visits

S. No.	Department	No. of Visits
1	Civil	5
2	Mech (R)	7
3	Mech (SF)	8
4	Mech (SHIFT)	8
5	Mech (R&AC)	3
6	EEE (R)	4
7	EEE (SF & Shift)	8
8	ECE	2
9	Textile Technology	8
10	Modern Office Practice	4
	<b>Total</b>	<b>57</b>



*Civil - Ramco Industries, Gangaikondan*



*Mechanical - SEPACK, Madurai.*



*ECE - Ramco Wind Farm, Aralvaimozhi.*



*MOP - Koodankulam Nuclear Power Plant, Koodankulam.*

### ❖ Guest Lectures by Industrial Experts

S. No.	Department	No. of Lectures
1	Civil	6
2	Mechanical (Regular)	7
3	Mechanical (SF)	3
4	Mechanical (SHIFT)	3
5	Mechanical (R&AC)	3
6	EEE (R)	3
7	EEE (SF & Shift)	4
8	ECE	1
9	Textile Technology	5
10	Modern Office Practice	6
	<b>Total</b>	<b>41</b>



*Mechanical - Development of entrepreneurship skills*



*R & AC - Placement opportunities in HVAC*



*EEE - Industrial Safety*



*Textile - Modern Fibre & Yarn Testing instrument*



## Activities of ISTE Students' Chapter

### ❖ Activities under ISTE Staff Chapter

S. No.	Activity	Date
1.	Teachers Day Celebration	06.09.2019
2.	FDP on 'NBA Accreditation - An Overview'	19.10.2019
3.	Workshop on 'Arduino Programming'	From 06.11.2019 to 08.11.2019



*Teachers Day*



*FDP on NBA Accreditation - An overview*



*Arduino Programming workshop*

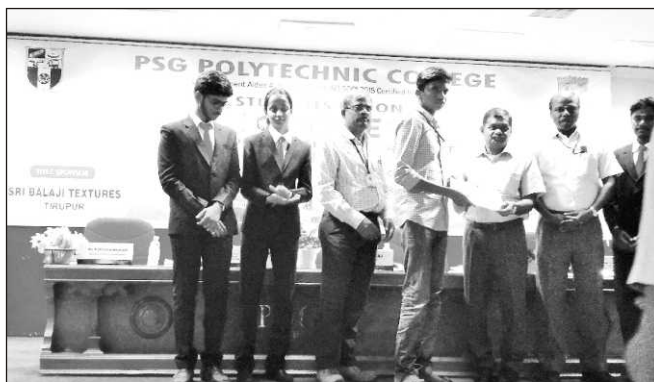
### ❖ Activities under Students' Chapter

Under the ISTE Students' Chapter of our polytechnic college, various activities such as Workshops, Seminars, etc. are carried out for our students and other college students every year.

Our students were deputed for Technical competitions organised in other institutions.

No. of students participated in Technical competitions : 120

No. of students won prizes in Technical competitions : 30



*Our student at P.S.G. Poly. Coimbatore.*



*Our students at KSR College, Tiruchenkode.*

## IE(I) Activities

S. No.	Activity	Date
1.	Film Show on 'Robotics & Automation'	05.07.2019
2.	Engineers Day	16.09.2019
3.	Paper Presentation Contest on 'Engineering for Change'	27.09.2019



*Film Show on Automation*



*Engineers Day Inaugural function*



*Paper Presentation by our students*

## National Service Scheme(NSS)

A total of 36 programmes were organised under NSS of our polytechnic college. The notables among them are.

S. No.	Name of the Event	Date	No. of Participants
1.	Rally on Road Safety	20.07.2019	60
2.	Swachhta Pakwada	01.08.2019 to 15.08.2019	50
3.	Leprosy Survey Camp	19.08.2019	20
4.	Blood Donation	03.09.2019	59
5.	NSS Day	18.09.2019	53
6.	Poshan Mahh	01.09.2019 to 30.09.2019	70
7.	Gandhi Jeyanthi Celebrations	02.10.2019	120
8.	Dengue Awareness Prog.	12.10.2019	100
9.	World Education Day	11.11.2019	200
10.	One Student One Tree Prog.	13.11.2019	50
11.	Constitution Day	26.11.2019	105
12.	World AIDS Day	01.12.2019	105



Road Safety Awareness Rally



One Student One Tree Prog.



Dengue Awareness Prog.

## National Cadet Corps (NCC)

No.	Name of the Event	Date	No. of Participants
1.	Rally on 'Depletion of Water Level'	06.07.2019	400
2.	Vijay Diwas Awareness Rally	26.07.2019	400
3.	Tree Plantation	15.08.2019	100
4.	Cleaning of Park and Water Bodies	26.09.2019	100
5.	ODF Awareness Rally	08.10.2019	100
6.	Guest Lecture on "Life Skills"	12.12.2019	500



Rally on Depletion of Water Level



Guest Lecture on "Life Skills"

## Sports – Laudable Achievement

No.	Game	Prize
1	Basket Ball	Tirunelveli Divisional Winners
2	Kho-Kho	
3	Hand Ball	
4	Ball Badminton	Tirunelveli Divisional Runners
5	Table Tennis	
6	Badminton	Tirunelveli Divisional 3 <sup>rd</sup> Place
7	Hockey	
8	Cricket	Tirunelveli Divisional 4 <sup>th</sup> Place

Tirunelveli Divisional Level Overall Best Polytechnic Cup in Games (for the 8<sup>th</sup> time in a row)



Kho-Kho winners with our CEO, Principal i/c and Physical Director



### Process of learning

Learn from flowers  
To smile and spread the sweet fragrance  
Learn from bees  
To cooperate and work with pleasure  
Learn from trees  
To be humble and help everybody  
Learn from the sun  
To be unselfish  
Learn from the moon  
To be calm in trouble and overcome the obstacles.

(By Selvi. R.Yuvasri, II Year, DMOP)

### நீர்

தண்மை தருவது தண்ணீராகும்  
வெம்மை தருவது வெண்ணீராகும்  
ஆற்றில் சலசலத்தோடும் நீரே  
ஊற்றில் சுரந்து எழுந்திடும் நீரே  
அருவியினின்றும் வீழ்ந்திடும் நீரே  
கடலொடு கலந்து ஒலித்திடும் நீரே  
உடலில் கலந்து நன்மை புரிந்து  
உயிரைக் காத்திடும் இன்சுவை நீரே...!

(By செக்வி ரு. வெண்ணிலா, III Year, DMOP)

### காற்று

காற்றே காற்றே களி தரும் காற்றே  
தெற்கில் வீசி தென்றல் ஆவாய்  
வடக்கில் வீசி வாடை ஆவாய்  
கிழக்கில் வீசி கொண்டல் ஆவாய்  
மேற்கில் வீசி கோடை ஆவாய்  
சோலையில் நுழைந்து நறுமணம் பெறுவாய்  
உளந்தனில் கலந்து உவகை தருவாய்...!

(By செக்வி ரு. வெண்ணிலா, III Year, DMOP)



Selvi R.Yuvasri (II Year - MOP)  
Selvi M.Sandhya (II Year - MOP)



Selvi R.Vennila (III Year - MOP)  
Selvi K.Seethalakshmi (III Year - MOP)



Selvi R.Yuvasri  
(II MOP)



Selvi K.Banu  
(III MOP)



Selvi. Logitha Sri  
(I MOP)

### Hard Work

"Hard work" is like steps  
"Luck" is like lift  
Lift may fail sometimes  
Steps will always get you to the top.

(By Selvi. R.Yuvasri, II Year, DMOP)

### உன்னைப் போல் யார்...?

உன்னைப் போல்  
உண்மையான உத்தமன் யாருமில்லை  
உன்னைப் போல்  
சிறந்த தலைவன் யாருமில்லை  
தென்தமிழனாய் பிறந்து  
இந்தியனாய் வளர்ந்து  
வின்கலத்தில் ஏவுகணை எய்து  
சரித்திரம் படைத்தவன் நீ  
இளைஞர்களின் எண்ணத்தில்  
என்றும் நீங்கா இடம் பெற்ற  
இனியவன் நீ  
நேர்மை வழுவா நெறியாளன் நீ  
இல்லறம் துறந்து கண்ணியம் காத்தவன்  
உன்னைப்போல் யாருமில்லை  
மீண்டும் பிறந்து வா - தலைவா  
நம் மண்ணை ஆள வா...

(By செக்வி ரு. வெண்ணிலா, III Year, DMOP)



Selvi R.Vennila  
(II MOP)



Selvi A.P.Karthayinee (III Year - Civil)  
Selvi K.Amutha Valli (III Year - Civil)



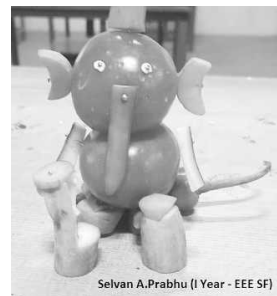
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Selvi S.Aravindha Lakshmi (I Year - MOP)  
Selvi S.Sankari (I Year - MOP)



Selvi P.Jeya Rathika (I Year - ECE)  
Selvi R.Abinaya (I Year - Civil)



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