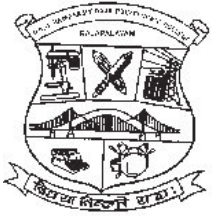


# P.A.C. RAMASAMY RAJA POLYTECHNIC COLLEGE, RAJAPALAYAM

..... Moulding the Engineers for Decades



## Progressive PACRPC

HALF-YEARLY NEWSLETTER

July 2020 - December 2020

### From the Chief Editor's Desk

#### Words of Wisdom

Believe in yourself! Have faith in your abilities! Without a humble but reasonable confidence in your own powers you cannot be successful or happy.

- Norman Vincent Peale

Life is not easy for any of us. But what of that? We must have perseverance and above all confidence in ourselves. We must believe that we are gifted for something and that this thing must be attained.

- Marie Curie

### MoUs Signed with Organisations

We signed an MoU with Indian Welding Society, Trichy on 24<sup>th</sup> November 2020 to offer Industry Based Elective on 'Welding Technology' and invite experts to deliver guest lectures and give practical training to our Mechanical Engineering students.



MoU signed with Indian Welding Society

### Awards & Achievements

About 500 of our polytechnic college students participated in the State Level Mathematical Contest 'Srinivasa Ramanujan Mathematical Competitions - 2020' organised by ISTE Tamilnadu Section during October 2020. More than 2500 students from various polytechnic colleges in Tamilnadu participated. We are proud to say that the following students of our institution were adjudged as winners.



S. No.	Name	Dept. & Year	Prize
1.	Selvan V. Ramasubramanian	Mech. SF - III Yr.	I Prize
2.	Selvan R. Bala Krishnan	EEE - III Yr.	III Prize

### Industry Based Electives

We offer the following placement oriented industry-based electives along with the regular curriculum prescribed by DOTE, Chennai to our III year students and the number of students enrolled for the electives during the Academic year 2020 – 2021 are as follows.

S. No.	Name of the Elective	Dept.	No. of Students opted	Name of the industry
1.	Operations & Maintenance of Thermal Power Plant	Mech	15	Enmas O & M Pvt. Ltd., Chennai
2.	Glass Processing Technology		28	Saint Gobain Pvt. Ltd., Chennai
3.	Welding Technology		20	Indian Welding Society, Trichy
4.	Process Control In Spinning & Weaving	Textile	56	Ramco Group (Textile Division)
5.	Green Dry Construction Technology	Civil	35	Ramco Industries Ltd, Chennai
6.	Vertical Transportation System	EEE	20	M/s Johnson Lifts Pvt. Ltd., Chennai

### 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.

## Placement

Many renowned organizations and MNCs visit our polytechnic college and recruit our students every year. During this period, the following companies have visited our college and recruited our students.

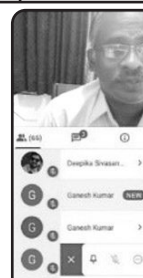
S. No.	Name of the Organisation	Date of Interview	No. of Students Placed
1.	Rising Star Mobiles India Pvt.Ltd., Chennai.	01.09.2020	3
2.	Charles Auditor, Rajapalayam	01.09.2020	3
3.	M/s SS Aircon, Chennai	16.10.2020	5
4.	M/s Enmas O & M Pvt. Ltd., Chennai.	29.10.2020	12
	Total		23

## Pre-placement activities

S. No.	Participants	No. of Students	Topic	Date	Conducted by
1.	All III Year Students	508	Employability Skills - Soft Skill Training	20.07.2020 - 28.07.2020	Mahindra Pride School & Naandi, Chennai
2.			Employability Skills - Aptitude Training	28.07.2020 - 04.08.2020	
3.	All II Year Students	457	Basic Grammar Skills	15.07.2020 - 31.07.2020	Department of English



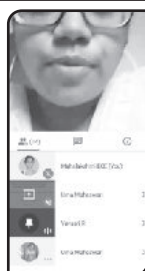
Training Prog.by Mahindra Pride School



Training Prog. by Dept. of English

## Students Service Cell

S. No.	Name of the Program	Contests	Date	No. of Participants
1.	Gandhi Jeyanthi Celebrations	Quiz	02.10.2020	70
2.	Online Mega Event	Drawing	10.10.2020 to 16.10.2020	28
3.		Slogan Writing		14
4.		Rangoli		4
5.		Vegetable Carving		4
6.	Youth Awakening Day Celebrations	Elocution	21.10.2020	7
7.		Essay Writing		15
8.	Constitution Day Celebrations	Quiz	26.11.2020 to 29.11.2020	37
9.		Essay Writing		7
10.	Human Rights Day Celebrations	Drawing	11.12.2020 to 14.12.2020	17



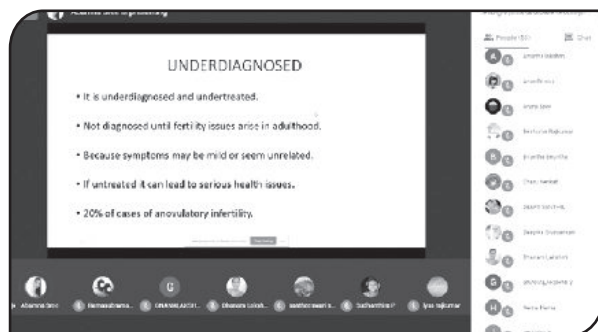
Youth Awakening Day - Elocution Competition



Online Mega Event - Rangoli Competition

## Women in Development Cell

S. No.	Name of the Programme	Date	No. of Participants (Girls)
1.	Webinar on "Let's fight PCOS-an Awareness for Prevention"	01.07.2020	63
2.	Initiative to apply for Central Government Scholarship scheme for girls - Pragati Scholarship	20.08.2020	17
3.	An Awareness Programme & Training On "Knowledge on Menstrual Health Programme"	05.11.2020	25



Webinar on 'Let's fight PCOS'

## Staff Development Cell

### 1. NPTEL Programme special achievers in Translation

S. No.	Name of the Staff	Name of the Programme	Name of the activity participated
1.	Mr. G. Rajagopal, HOD / EEE(SF)	NPTEL Translation	Translation of the Course Content 'Electrical Distribution System Analysis'
2.	Mr. N. Seeniraj, Sr. Lecturer / English		Translation of the Course Content 'Text, Textuality and Digital Media'

### 2. Special Achievers in NPTEL Courses

S. No.	Name of the Staff	Details of the Certificate
1.	Mr. A. Thirupathi Venkateswaran, Lecturer (Sr. Grade) / English	NPTEL Motivated Learner
2.		NPTEL Discipline Star
3.		NPTEL Believer
4.		Course Topper (5%) in 'Effective Writing'

### 3. Training Programmes Attended

S. No.	Details	No. of Prog.	No. of Staff
1.	AICTE sponsored STTP/FDP/TEQIP	4	2
2.	Training Programme at TANCEM, Alangulam	1	2
3.	AICTE-ATAL Courses	4	3
4.	Biodegradable Materials	1	2
5.	Process of Computer-aided Engineering in Automotive	1	1
6.	Introduction to Operation Research in Engineering	1	1
7.	Design Thinking Fundamentals	1	1
8.	LaTeX for Students, Engineers and Scientists	1	2
9.	Programmes organized by reputed organisations	16	5
10.	EDX & NPTEL Courses	33	9

#### 4. Publication in Journals

S. No.	Name of the Staff	Desig.	Dept.	Journal
1.	Mr. R. Ragavan	Lecturer	Mech. (R&AC)	Materials Research Express
2.	Mr. B. Marichelvam	HOD (i/c)	Mech. (SF & Shift)	International Journal of Advances in Engineering and Management (IJAEM) - ISSN: 2395-5252
3.	Dr. R. Murugaboopathy	Lecturer	Civil	International Journal of Trend in Scientific Research and Development- Vol. - 4   issue - 5 (July- August 2020 (4 Nos.)

#### 5. Papers presented

S. No.	Name of the Staff	Designation	Dept.	Venue
1.	Mr. R. Karthikeyan	HOD	Mechanical	Nandha College of Technology, Erode.
2.	Mr. V. Balakrishnan	Lecturer (SG)	Mechanical	
3.	Mr. K. Rajendran	Lecturer	Mechanical	
4.	Mr. R. Senthil Kumar	Lecturer	Mechanical	Amitya University, Patna.
5.	Mr. V.S. Subramanian	Lecturer (SG)	Textile	Sona College of Technology, Salem.
6.	Dr. R. Murugaboopathy	Lecturer	Civil	The Institution of Engineers (India) 35 <sup>th</sup> Indian Engineering Congress ( Online)

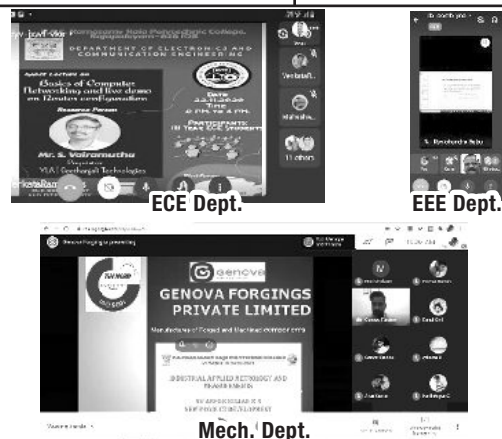
#### 6. Guest Lectures delivered & acted as Resource Persons by our staff

S. No.	Name of the Staff	Designation	Dept.	Name of the Programme	Venue
1.	Mr. V. S. Subramanian	Lecturer (SG)	Textile	'Quality Assurance in Spinning'	Rajapalayam Mills Ltd, Rajapalayam.
2.	Mr. A. Murali Krishnan	Lecturer	Textile		
3.	Mr. S. Ganesan	Lecturer	Textile		
4.	Mrs. G. Deepa	Lecturer	ECE	Webinar on 'Known to Unknown Facts about Gandhiji'	SESHA School, Srivilliputhur (Zoom Platform)
5.	Dr. S. Selvalakshmi	HOD	MOP	National Level Technical Symposium (Online)	V. S. V. N. Polytechnic College, Virudhunagar
6.	Dr. R. Karthikeyan	Lecturer (SG)	MOP	TNAU TELT Online Programme on 'Listening Skills'	Anna University & DOTE Chennai. (Online)
7.				Online AICTE - ISTE Sponsored Induction Prog. - 'Teacher as a Facilitator'	Thiyagarajar Polytechnic College, Salem
8.	Dr. R. Murugaboopathy	Lecturer	Civil	Guest Lecture on 'Optimization Technique Using RSM for Proportioning of FRC'	Ramco Cements limited, Chennai (online)

#### Industry Institute Interaction (III) Activities

##### Online Guest Lectures by Industrial Experts

S. No.	Department	No. of Lectures
1.	Civil Engineering	1
2.	Mechanical Engineering	2
3.	Electrical and Electronics Engineering	4
4.	Electronics and Communication Engg.	1
5.	Textile Technology	4
6.	Modern Office Practice	4
	Total	16



## Activities of ISTE Chapter

### Activities under ISTE Students Chapter

A total of 18 activities were carried out under ISTE Students Chapter. The notables among them are:

S. No.	Activity	Date	Participants	No. of participants
1.	Online Technical Quiz	10.07.2020	II & III Year students	850
2.	Workshop on 'Employability Skills - Soft Skill Training'	20.07.2020 to 28.07.2020	III Year students	508
3.	Workshop on 'Employability Skills - Aptitude Training'	28.07.2020 to 04.08.2020	III Year students	508
4.	Two Week Online Course on 'Basic Grammar Skills'	15.08.2020 to 31.07.2020	II Year students	457
5.	Classroom Seminars	August 2020	II & III Year students	850
6.	Certificate Course on 'Learn to design your own solar Home System'	15.08.2020	III Year Students	20
7.	Group Discussion	21.08.2020	III Year Students	54



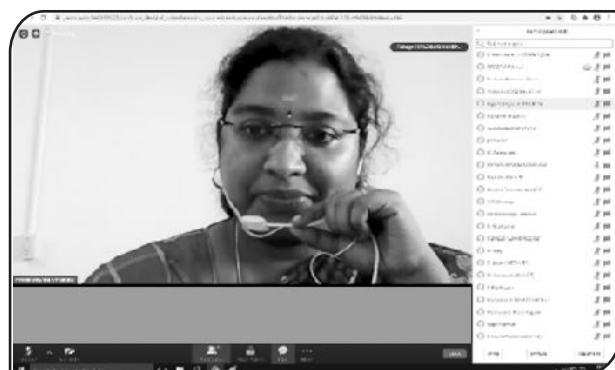
Online Classroom Seminar (II Year Mech. R&AC)



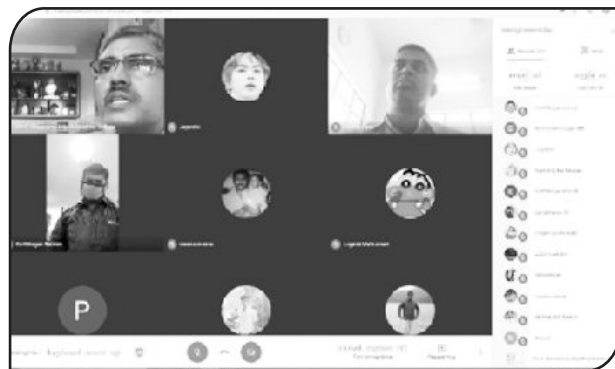
Online Group Discussion (III Year Mech. SF)

### IE (I) Activities

Sl. No.	Activity	No. of students participated
1.	Guest Lecture	337
2.	Paper presentation	14
3.	Seminar	19
4.	Workshop	109
5.	Poster Competition	3
6.	Group Discussion	59
7.	Technical Quiz	346
8.	Aptitude Test	106
9.	Film Show	231
10.	Short Term Course	73



Guest Lecture on 'Career Development & Opportunities'

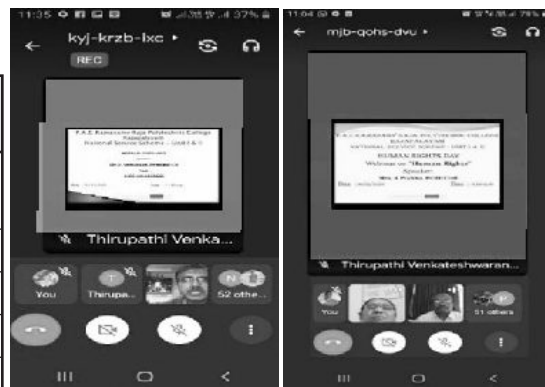


Guest Lecture on 'Engineers Day'

## 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 Programme	Date	No. of Participants
1.	International Day against Drug Abuse	31.07.2020	76
2.	COVID-19 Test	16.08.2020	165
3.	NSS Day Celebrations	24.09.2020	35
4.	Youth Awakening Day	17.10.2020	56
5.	National Unity Day	31.10.2020	55
6.	World Aids Day	01.12.2020	53
7.	Supply of Nilavembu Extract	07.12.2020	445
8.	Human Rights Day	10.12.2020	53



Webinar on "World Aids Day"

Webinar on "Human Rights Day"



"NSS Day"- Guest Lecture

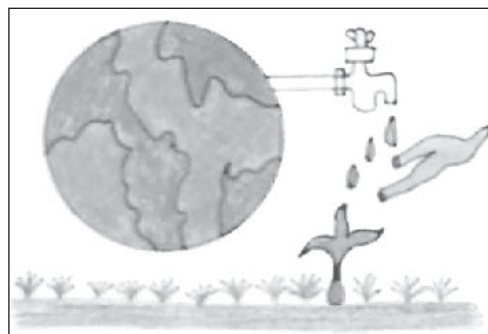
### Students' Corner



Selvan. **P.Balaguru**  
II Yr. Mech.



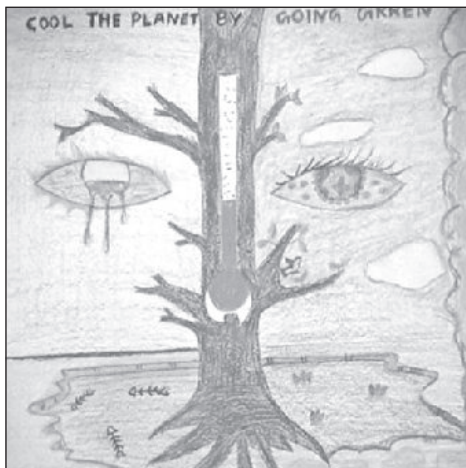
Selvan. **P.Sakthibalasubramaniam**  
I Yr. EEE



Selvan. **R.Muthumani**  
II Yr. ECE



Selvan. **S.Neelakanda Moorthy**  
I Yr. Civil



Selvan. **S.Sivagowri Prasath**  
I Yr. Mech.



Selvan. **S.Yuvamanoj Kumar**  
II Yr. Mech.

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