

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

..... Moulding the Engineers for Decades



Progressive PACRPC

NEWSLETTER

January 2020 - June 2020

From the Chief Editor's Desk

The power of mind

Mind power plays a vital role in achieving success in one's life. A focussed mind makes a man to concentrate on his task, which in turn leads to achieve his goal. Focussed mind refers to fixing one's attention on a single activity for a certain length of time in order to accomplish his task, by ignoring distractions. Nowadays, in the modern era of smartphone and internet, it is very difficult to have focussed attention for people especially for students. Therefore, students should spend less time in using internet/smartphone. They should practice useful exercises such as reading, meditating, swimming, etc. to improve their power of concentration. By way of doing this, they can reform their characters / habits and achieve success i.e., the desired object in life. Buddha says, "The mind is everything what you think you become." So every one of us should be aware of the inner power in him/her and use it meticulously to succeed in life.

College Day Celebrations

With fervour and gaiety, 57th College Day was celebrated in our college Quadrangle on 11th February 2020. This event was presided over by Shri. N.K. ShrikantanRaja, Member, Governing Council. Dr.Sudhindra Nath Panda, Director, National Institute of Technical Teachers' Training and Research (NITTTR), Chennai was the Chief Guest. He distributed academic awards and prizes to the winners. Our students exhibited their talents in cultural programme.



Chief Guest addresses the audience



Cultural programme by our students

Placement

Various renowned organizations and MNCs visited our polytechnic college and recruited our students. They are: International Draughting and Detailing Pvt. Ltd., Chennai, Elite Engineering and Construction Pvt. Ltd., Hyderabad, TVM Signalling & Transportation Pvt. Ltd., Bengaluru, Sens Edge Transportation Systems & Solutions Pvt. Ltd., Bengaluru, Igarashi Motors India Ltd., Chennai, Saint - Gobain India Pvt. Ltd., Chennai, Lucas TVS Ltd., Nettapakkam, Pondicherry, ZOH Corporation, Chennai, Orchid Pharma Pvt. Ltd., Chennai, Brakes India Pvt. Ltd., Chennai, Sudarsanam Spinning Mills, Rajapalayam, Best Corporation Ltd., Tirupur, Johnson Lifts Pvt. Ltd., Chennai, Delphi TVS Ltd., Chennai, Enmas Group, Chennai, Mastercraft India Pvt. Ltd., Bengaluru, etc.

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.

Sl. No.	Department	No. of Students Placed
1	Civil Engineering	28
2	Mechanical Engineering	119
3	Electrical and Electronics Engineering	96
4	Textile Technology	37
5	Mechanical Engineering (R&AC)	33
6	Modern Office Practice	22
7	Electronics and Communication Engineering	31
	Total	367



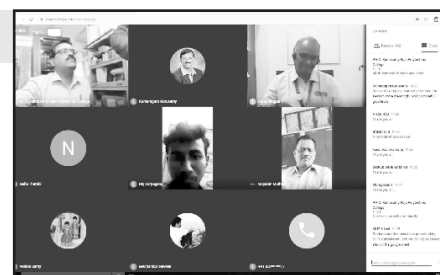
*Campus interview for
Textile students
by Best Corporation, Tirupur*



*Campus drive for
Mech (R & AC) students
by Orchid Chemicals
& Pharmaceuticals Limited, Chennai*

Preplacement activities

S. No.	Department	Date	Name of the expert
1	Civil	11.02.2020	Mr.K.BhuvaneshwaraPerumal, Sri Krishna builders, Chatrapatti
2	Mechanical	24.06.2020	Mr. T. Balamurugan, Senior Manager - Operations, Sri Moogambika Infosolutions Tech. Pvt. Ltd., Rajapalayam & Dr. R. Karthikeyan, Lecturer (SG)/ Eng, of our polytechnic college
3	MOP	31.01.2020	Ms.Meenakshi Muneeswaran, Senior Functional Consultant, Ramco Systems, Chennai



Preplacement workshop for Mechanical students



Preplacement workshop for MOP students

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.

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



EEE - Digital Manufacturing



Textile - Process control in spinning and weaving

CANADA INDIA INSTITUTIONAL COOPERATION PROJECT (CIICP)

● Continuing Education

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

S. No.	Course	Details of Participants			Total No. of Participants
		Internal		External	
		Dept.	Number		
1.	JCB, Fork Lift, Poclain, Mobile Crane	-	-	41	41
2.	Robotics	Mech	96	23	119
3.	Yarn Manufacturing Technology	-	-	48	48
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 Class (P.A.C.M. School Boys)	-	-	864	864
12.	Computer Class (P.A.C.R.A.A School Girls)	-	-	358	358
13.	YMT (Spinning & Post Spinning)	-	-	58	58
14.	Industrial Safety	Mech	54	-	54
15.	Tally	MOP	30	-	30
16.	Total Station	Civil	07	-	07
				Total	2071



Course on "Total Station"



Course on "E- Learning Module"

Students Service Cell

Our Students participated in various competitions organised under Students Service Cell of our college & by other agencies and brought laurels to the institution. They participated in the activities organised under the following programmes.

Sl. No.	Name of the Programme	Organised by	Date	No. of Participants
1	Sparkfest	P.A.C.R.Polytechnic College, Rajapalayam	06.01.2020 to 13.01.2020	168
2	National Youth Day Celebrations	P.A.C.R.Polytechnic College, Rajapalayam	12.01.2020	66
3	Traffic Awareness Programme	P.A.C.R.Polytechnic College, Rajapalayam	23.01.2020	190
4	Constitution Day Celebrations	P.A.C.R. Polytechnic College, Rajapalayam	25.01.2020	800
5	Republic day Competitions	Kurinchi Kabilar Tamil Sangam, Paramathivelur	27.01.2020, 30.01.2020 & 01.02.2020	45
6	National Essay Writing Competition	AICTE, New Delhi	26.02.2020	2
7	EkBharath Shrestha Bharath	AICTE, New Delhi	27.06.2020 to 05.07.2020	139



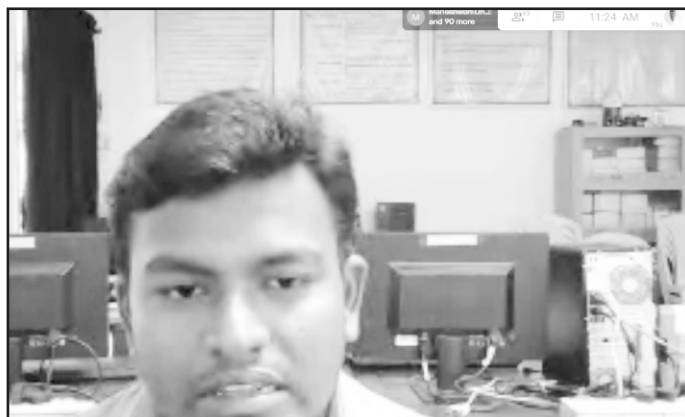
Sparkfest - Vegetable carving competition



Sparkfest - Singing competition

Environment Development Cell

S. No.	Activity	Date	Details of students
1.	Lecture on "Environment Awareness and Management"	18.06.2020	II and III year students of EEE Department
2.	Campus Cleaning	Every Thursday	All the students



Webinar on "Environment Awareness and Management"

Women in Development Cell

S. No.	Name of the Programme	Date	Participants (Girls)
1.	"Tree saplings 2020 and Thiruvalluvar Festival" at A. K. D. R. Women's College, Rajapalayam.	30.02.2020	105
2.	"Rule of Law & Criminal Justice System"	03.03.2020	218
3.	Women's Day : Guest Lecture on "I am Generation Equality: Realizing women's Rights"	07.03.2020	150



Awareness prog. on
"Rule of Law & Criminal
Justice System"

Women's Day
- Guest Lecture



Staff Development Cell

❖ NPTEL Programme special achievers

S. No.	Name of the Programme	Name of the activity participated	Name of the Staff
1.	SPOCATHON - 2	Content Augmentation for the course "Technical English".	Mr. A. Thirupathi Venkateswaran, Lect.(Sr.G)/Eng Mrs. S. Harirekha, Lect./Eng.

❖ Training Programmes Attended

S. No.	Details	No. of Programmes	No. of the staff attended
1.	Programmes organized by reputed organisations	132	19
2.	In-house training Programmes	1	3

❖ Publication in Journals

S. No.	Name of the Staff	Journal name with details
1.	Dr. V.Srinivasan, Principal i/c	FIBRES & TEXTILES in Eastern Europe 2020; 28 (3(141)): 38-43
2.	Mrs. G. Mahalakshmi (Lect/ECE)	Tele Surgery of Cancer on JICR Volume XII, Issue II on February 2020.

❖ Paper presented

S. No.	Name of the staff	Title of the paper	Venue
1.	Mr.R.Karthikeyan, HOD/Mechanical	Implementation of VR and AR Based Teaching Pedagogy in Technical Education	Sona College of Technology, Salem

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

S. No.	Name of the prog.	Name of the staff	Dept.	Venue
1.	A webinar on "Developing Basic Communication Skills" for Non-teaching staff members	<ul style="list-style-type: none"> ■ Mr. A. ThiruppathiVenkateswaran ■ Mr. R. Moorthirajan ■ Mr. N. Seeniraj ■ Mrs. S. Harirekha ■ Mrs. J. VinayagaVidhya 	I Yr. / English	PACR Polytechnic College, Rajapalayam. (Online mode)
2.	Online workshop on "Developing Basic Communication Skills" for II year students	<ul style="list-style-type: none"> ■ Mr. A. ThiruppathiVenkateswaran ■ Mr. R. Moorthirajan ■ Mr. N. Seeniraj ■ Mrs. S. Harirekha ■ Mrs. J. VinayagaVidhya 	I Yr. / English	PACR Polytechnic College, Rajapalayam. (Online mode)
3.	Tamilnadu Govt. sponsored training prog. For English Language Teachers conducted by DOTE & Anna University Chennai	Dr.R.Karthikeyan	MOP	Online

Industry Institute Interaction (III) Activities

❖ **Industrial Visits**

S. No.	Department	No. of Visits
1	Civil Engineering	2
2	Mechanical Engineering (Reg.)	4
3	Mechanical Engineering (SF)	5
4	Mechanical Engineering (Shift)	6
5	Mechanical Engineering (R&AC)	2
6	Electrical and Electronics Engineering (Reg.)	2
7	Electrical and Electronics Engineering (SF & Shift)	7
8	Electronics and Communication Engineering	6
9	Textile Technology	4
10	Modern Office Practice	1
	Total	57



Textile Technology

Electronics and Communication Engineering



Electrical and Electronics Engineering



Mechanical Engineering



❖ **Guest Lectures by Industrial Experts**

S. No.	Department	No. of Lectures
1	Civil Engineering	3
2	Mechanical Engineering (Regular)	3
3	Mechanical Engineering (SF)	3
4	Mechanical Engineering(Shift)	1
5	Mechanical Engineering (R&AC)	3
6	Electrical and Electronics Engineering (Reg.)	4
7	Electrical and Electronics Engineering (SF & Shift)	1
8	Electronics and Communication Engineering	5
9	Textile Technology	5
10	Modern Office Practice	1
	Total	41

Mechanical Engineering



Modern Office Practice



Mechanical Engineering (R&AC)



Civil Engineering



Activities of ISTE Chapter

❖ Activities under ISTE Students Chapter

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

S. No.	Activity	Date	No of participants	Details of participants
1.	PACRTECHFEST 2020	31.01.2020	150	Students from other polytechnic colleges
2.	PROJECT EXPO 2020	01.02.2020	950	School students
3.	Guest Lecture on "Solar PV Technologies & its Future"	26.05.2020	45	II year EEE students
4.	Webinar on "Challenges faced by Textile Industry during Post Covid - 2019"	15.06.2020	36	Students of Textile Department and Industrial Participants
5.	Guest Lecture on " Basics of Psychrometrics and Tunnel Ventilation System for Metro Rail"	17.06.2020	146	Students of PACR Polytechnic College



PACR Project Expo for school students



Inaugural function of PACR TECHFEST

❖ Activities under ISTE Staff Chapter

The following activities were carried out under ISTE Staff Chapter

S. No.	Activity	Date	No of participants	Details of participants
1.	Workshop on "Arduino Programming and Industrial Sensors"	10.01.2020 & 11.01.2020	80	Faculty from other polytechnic colleges and industry participants
2.	Webinar on "LMS Canvas"	20.05.2020 to 22.05.2020	90	PACR polytechnic staff members
3.	Webinar on "Arduino Programming"	29.05.2020	160	Faculty of PACR Polytechnic college & school teachers and students
4.	Webinar on "Just Listening"	16.06.2020	170	Faculty of Engineering, Polytechnic and Arts & Science Colleges



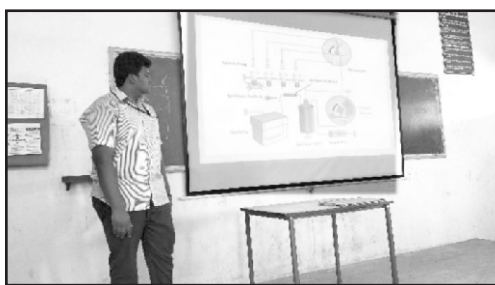
Webinar on LMS Canvas



Workshop on Arduino prog.& Industrial Sensors

IE (I) Activities

Sl. No.	Activity	No. of students participated
1.	Lecture	39
2.	Paper presentation	34
3.	Seminar	54
4.	Workshop	14
5.	Conference	3
6.	Technical/Project Demonstration	20
7.	Model Competition	9
8.	Poster Competition	7
9.	Group Discussion	1
10.	Technical Quiz	79
11.	Aptitude Test	4
12.	Technical Visit	36
13.	Film Show	1
14.	Display of Technical Information	7
15.	Short Term Course	3
16.	Awards Day Function	450



Classroom seminar



Project Demonstration

Sports

Our students participated in IPAA – State Level Tournament conducted at Lakshmi Ammal Polytechnic College, Kovilpatti and won coveted prizes.

S.No.	Game	Date	Prize
1	Basketball	30.01.20 & 31.01.20	State Runners
2	Handball	30.01.20 & 31.01.20	State IV place
3	Kho-Kho	01.02.2020 & 02.02.20	State III place



Winners are with our Principal,
CEO & Physical Director

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.	Fogging in the Campus	06.01.2020	16
2.	Supply of Nilavembu-kudineer	10.01.2020	1890
3.	Fit India Cyclothon	18.01.2020	52
4.	Road Safety Awareness Programme - Walkathon	22.01.2020 & 23.01.2020	217
5.	Special Camping Programme	17.02.2020 to 23.02.2020	100
6.	Blood Donation Camp	06.03.2020	52
7.	RRC - Interactive Session on AIDS Awareness	11.03.2020	36
8.	Prevention of Corona Virus Programme	10.03.2020 to 12.03.2020	1230



Walkathon

Blood Donation Camp



Hostel Day

Hostel day was celebrated in our college hostel in a grand manner on 29.02.2020. Mr.V.Srinivasan, Principal in charge was the Chief Guest. He distributed the prizes to the winners of various competitions held during Hostel Day Celebrations. The staff members of our Polytechnic College graced this occasion with their august presence.

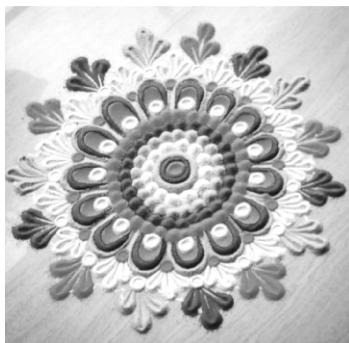


Our Principal addresses
the audience

Cultural programme
by hostel students



RANGOLI



B.Thirumalai Pandi, II ECE



B.Thirumalai Pandi, II ECE

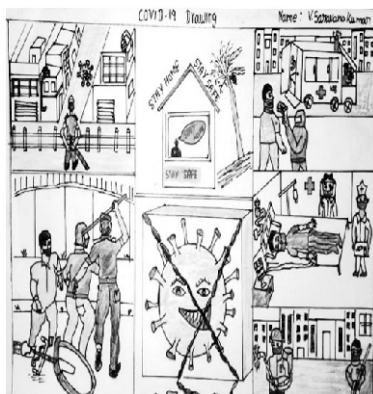


D.Maheswari, II ECE



C.Neha, II ECE

DRAWING



V.Saravanakumar, II Mech.



G.Arsadh, II ECE



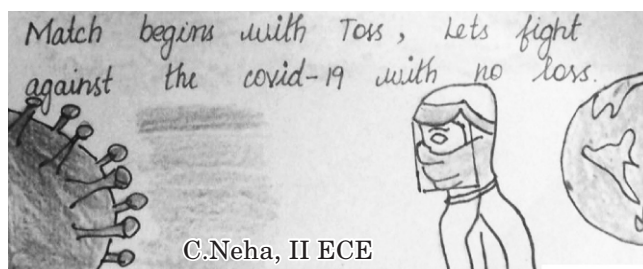
G.KalaiSelvi, III ECE

VEGETABLE CARVING



C.Neha,
II ECE

SLOGAN WRITING



C.Neha, II ECE

Wear the mask, Finish your regular task.

C.Neha, II ECE



MIND your HEALTH

- **CONNECT** with friends and family using technology.
- **DISCONNECT** from fake news and excessive information.
- **PLAN** a routine and find time to unwind.
- **EXERCISE** and **SLEEP** well.
- Be **COMPASSIONATE** and think of others.
- **STOP** take a deep breath and be positive.

P.Deepika,
II MOP



M.Kameswaran, I ECE

The Handshake of Affection,
make the virus of infection.



C.Neha, II ECE

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