

# P.A.C. RAMASAMY RAJA POLYTECHNIC COLLEGE



(Autonomous Institution)

K.R. NAGAR POST, RAJAPALAYAM - 626 108.

Ph : 04563-235740

## PROSPECTUS - 2022 - 2023

(For First year Admission)

In the year 1963, Thiru P.R. Ramasubrahmaneya Rajha, Chairman, Ramco Group of Industries, Rajapalayam established this institution with good infrastructure facilities and fulfilled the long cherished desire of his beloved father - Late Thiru P.A.C. Ramasamy Raja.

### COURSES OFFERED :

THIS INSTITUTION OFFERS THREE YEAR DIPLOMA PROGRAMME IN :

AIDED COURSES	SELF SUPPORTING COURSES
<ol style="list-style-type: none"><li>1. Civil Engineering</li><li>2. Mechanical Engineering</li><li>3. Electrical and Electronics Engineering</li><li>4. Textile Technology</li><li>5. Mechanical Engineering (R&amp;AC)</li><li>6. Modern Office Practice</li></ol>	<ol style="list-style-type: none"><li>1. Mechanical Engineering</li><li>2. Electrical and Electronics Engineering</li><li>3. Electronics and Communication Engineering</li></ol>

The successful candidates after undergoing the diploma programme, will be awarded Diploma Certificates by the State Board of Technical Education and Training, Tamilnadu. The Course Curriculum has been designed to suit the needs of Industry so as to provide better employment opportunities to the students.

Every year leading companies like Ramco Group of Industries, ZOHO, TVS Motors, Blue Star, Best International, L&T, Renault Nisan, Breakes India (P) Ltd., Igarashi Motors, Premier Mills, Anand Electronics and Industries, TI India and other reputed companies have been conducting campus interviews and the students are well placed in the industry.

Further, in our autonomous curriculum we are offering Industry based Electives in all courses during 6th semester with the help of leading industries such as Ramco Cements, Saint Gobian (I) Limited, Ramco Industries Limited, Johnson Lifts Pvt Ltd., Ramco Group Textil Division, Enmas (I) Ltd etc. The Selected students are offered to study the electives handled by respective experts from Industries and are placed with good salary package in the same Industries.

### FEATURES OF CIVIL ENGINEERING PROGRAMME

Labs are equipped with latest equipments such as Compression testing machine, [ UTM (Microsoft)] Total station, GPS etc. Industry based electives are offered in collaboration with Ramco Industries Ltd., Ramco Cements Ltd etc.

## FEATURES OF TEXTILE TECHNOLOGY PROGRAMME

The syllabus has been revised periodically by the experts from the Industries to include latest technologies available in leading industries. Industry supported electives in association with Ramco Group Textiles division is offered to all the textile students. Supervised industries Training during every semester vacation has been arranged to give industrial exposure to all the students.

## FEATURES OF MECHANICAL ENGINEERING PROGRAMME

These students are trained in one of the leading CNC Software PRO / ENGINEER and CATIA which enhances the job opportunities in multi-national companies and abroad. Well established laboratory with adequate infrastructure such as Robots, Pneumatics, Hydraulics, 3D Printers etc., are available to give hands on experience to the students. Industry based electives are offered to mechanical students by signing MOU with Leading Industries.

## FEATURES OF ELECTRICAL AND ELECTRONICS ENGG. PROGRAMME

The Labs are equipped with latest equipments such as PLC, HMI, Drives, Micro controller, Sensors etc. students are trained using innovative and latest tools like arduino, Industrial Robots, Raspberry Pi etc., Industry based electives are offered by signing MOU with leading industries which helps to get better placement opportunities.

## PROSPECTS OF MECHANICAL ENGINEERING (R&AC) PROGRAMME

There is tremendous scope for the Mechanical Refrigeration and Air Conditioning Technicians in this vast tropical country and very lucrative jobs are awaiting for these Technicians in the oil rich Arabian countries. We are the pioneers in the introduction of a full-fledged Diploma Programme in Mechanical Engg. Refrigeration and Air Conditioning [Mech (R&AC)] in the south.

## PROSPECTS OF MODERN OFFICE PRACTICE PROGRAMME

These diploma holders are eligible for admission to the Second year of the B.com., Degree Course in the Various Universities in Tamilnadu. These Students are trained in managerial aspects, such as Financial Management, Banking, and Electronic Accounting Procedures, Further they are also eligible to apply for the posts of Clerks, Typists, Steno-typists etc., in the nationalised Banks as per letter # F 18 (1) 1982 dt. 29-7-1982. They are well Suited for front office management Personnels Such as Clerks, Steno- typists etc.,

## FEATURES OF ELECTRONICS AND COMMUNICATION ENGG. PROGRAMME

In addition to the regular curriculam, extensive training is given in the areas of Microcontroller, Programmable Logic Controllers, Digital Signal Processing, FPGA, Cell Phone Servicing, PCB design Instrumentation (Including Bio-Medical), Computer Hardware Servicing, etc., to increse the job opportunities of the students. ECE Department maintains 100% Placement record for the last 5 years in leading industries.

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## QUALIFICATION FOR ADMISSION FOR FIRST YEAR DIPLOMA PROGRAMME :

A pass in SSLC with eligibility for admission to 1st year of Higher Secondary School in Tamilnadu HSC Board Schools.

Selection of candidates for the programmes in the Polytechnic will be made purely on the basis of ranking of all qualifying candidates in the order of total marks secured by the candidates in the SSLC Examination or in the qualifying examination. In respect of candidates whose maximum marks in the SSLC or equivalent examination is more than 500 as per scheme, the maximum marks shall be reduced to a base of 500 and rank arrived at along with other candidates.

## CATEGORYWISE ADMISSION ALLOTMENT

<b>OC</b>	<b>31 %</b>
<b>BC</b>	<b>26.5 %</b>
<b>BC - Muslim</b>	<b>3.5 %</b>
<b>MBC/DNC</b>	<b>20 %</b>
<b>SC/ST</b>	<b>15 %</b>
<b>SC (Arunthathiar)</b>	<b>3 %</b>
<b>ST</b>	<b>1 %</b>

**Candidates will be called for counselling before admission.**

## FEES TO BE REMITTED AT THE TIME OF ADMISSION :

All the students admitted in the First year aided diploma programme need to pay Rs. 12049/- at the time of admission and the breakup details are given below.

Tuition Fees	Rs.	2500-00
Admission Fees	Rs.	2-00
Development Charges	Rs.	1000-00
Special Fees	Rs.	1000-00
Caution Deposit	Rs.	1000-00
Book & Instrument Deposit	Rs.	3000-00
Fee for verification of Certificates	Rs.	50-00
Computer Maintenance & Internet	Rs.	1500-00
Student Welfare Fund	Rs.	500-00
Examination Fees		1480-00
Indian Red Cross, Flan Day, Extra.		17-00
<b>TOTAL</b>	<b>Rs.</b>	<b>12049-00</b>

For self supporting courses / the details regarding fees and other particulars can be had from the polytechnic office.

### HOSTEL FACILITIES :

A well furnished hostel is run by the P.A.C. Ramasamy Raja Education Charity Trust for the benefit of Polytechnic students. Vegetarian food is served in the mess and the daily mess rate is about Rs. 54.50. Application form for admission to the hostel can be obtained from the office after securing admission in the Polytechnic.

### FEES FOR HOSTEL :

Admission fees	Rs.	100.00
Establishment charges for one year	Rs.	5500.00
Caution deposit (Refundable)	Rs.	1000.00
Mess Advance	Rs.	9000.00
<b>Total</b>	<b>Rs.</b>	<b>15600.00</b>

**Note :** There is no hostel accommodation for girl students.

### CERTIFICATES IN ORIGINAL TO BE PRODUCED AT THE TIME OF ADMISSION :

<b>a) S.S.L.C. Mark Sheet / 9<sup>th</sup> Mark Sheet</b>	<b>b) Transfer Certificate</b>
<b>c) Permanent Community Certificate</b>	<b>d) Conduct Certificate</b>
<b>e) Games Certificates (if any)</b>	