



## **CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)**

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

**CIPET : INSTITUTE OF PETROCHEMICALS TECHNOLOGY (IPT) - Chennai**

# **PROSPECTUS 2023-24**

**Counseling Code: 1321**



**TVK Industrial Estate, Guindy, Chennai – 600032**

**Mobile No: 9840348407, 9937872419,**

**Email: [chennai@cipet.gov.in](mailto:chennai@cipet.gov.in), Website: [www.cipet.gov.in](http://www.cipet.gov.in)**

# ABOUT CIPET:IPT- Chennai

Central Institute of Petrochemicals Engineering & Technology (CIPET) (formerly known as Central Institute of Plastics Engineering & Technology (CIPET)) was established in 1968 by Government of India with the assistance of United Nations Development Programme (UNDP) at Chennai. The main objective of setting up of this specialized institute was to develop manpower in different disciplines of Plastics Engineering & Technology. CIPET : Institute of Petrochemicals Technology (IPT) – Chennai is one of the high learning centers of Central Institute of Petrochemicals Engineering and Technology (CIPET), a premier national institution under the aegis of Department of Chemicals and Petrochemicals, Ministry of Chemicals and Fertilizers, Govt. of India.

**CIPET:IPT Chennai** is having state of the art facilities for plastics processing, tooling and mould manufacturing, product design using CAD/CAM/CAE and testing and quality control of polymeric materials and products. The institute is an ISO 9001:2015 certified institution. The Plastics Testing Centre (PTC) of CIPET:IPT Chennai is accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL) and recognized by Bureau of Indian Standards (BIS). CIPET:IPT Chennai is devoted to Skill Training, Technology Support Services, Academics and Research (STAR) to cater to the needs of Plastics and allied industries in India and abroad.

## Vision



✓To become an apex Institute of International repute in the field of Petrochemicals Engineering and Technology and ensure sustainable growth.

▪To offer blend of specialized Academic and Skill Development Training Programs in the field of Petrochemicals Engineering & Technology in order to provide qualified Human Resources with entrepreneurship qualities for Petrochemical & Allied Industries;

## Mission



▪To provide Technology Support in the form of Consultancy Services in the fields of design, tooling, plastics processing, testing & quality assurance and Inspection Services to the Petrochemical Industries including plastic industries through a Quality Management System;

▪Dedicated R&D wings on Petrochemicals will develop New Technology, Applications & Handholding Entrepreneurs by Technology Transfer, Intellectual Property (IP) and Knowledge Base

# PROGRAMMES OFFERED

CIPET:IPT – Chennai offers the following **AICTE** approved UG/PG Programs in affiliation with Anna University, Chennai and University of Madras.

S.No.	Program	Branch	Eligibility & Selection Criteria
1	<b>B.Tech. Intake: 60</b>	Plastics Technology	<b>Entry Qualification:</b> Pass in the HSC (Academic: both +1 and +2) / 10 +2 (Academic stream) with Maths, Physics & Chemistry. <b>Age Limit :</b> 21 years <b>Affiliating University :</b> Anna University, Chennai ( <a href="http://www.annauniv.edu">http://www.annauniv.edu</a> ) ❖ Eligibility & Selection as per Anna University norms. ❖ For admission, Apply through Directorate of Technical Education (DOTE) /TNEA 2023.
2	<b>B.E. Intake: 60</b>	Manufacturing Engineering	
3	<b>B.Tech. (Lateral Entry) (Direct Second Year)</b>	Plastics Technology	<b>Entry Qualification:</b> Any Diploma in Engineering/Technology <b>Course Duration:</b> Three Years <b>Age:</b> Min 18 – Max. 26 <b>Affiliating University :</b> Anna University, Chennai ( <a href="http://www.annauniv.edu">http://www.annauniv.edu</a> ) Counseling at Alagappa University - Karaikudi, Tamilnadu ❖ Eligibility & Selection as per Anna University norms. ❖ For admission, Apply through Directorate of Technical Education (DOTE) / TNLEA 2023
4	<b>B.E. – (Lateral Entry) (Direct Second Year)</b>	Manufacturing Engineering	
5	<b>M.Tech. Intake: 18</b>	Plastics Technology	<b>Entry Qualification:</b> B.E./B.Tech./B.Sc., Engg. (4 years) in Mechanical Engg./Chemical Engg./Production Engg./Tech., Polymer Tech./Petroleum Engg./Tech./ Petrochemicals Engg./Tech./Petroleum Refining Engg./ Chemical and Electrochemical Engg./Rubber and Plastic Tech./Textile Engg./Tech., Plastics Technology, Rubber Technology, Manufacturing Engineering (or) M.Sc. in Polymer Science / Chemistry with polymer specialization/Applied Chemistry.

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# PROGRAMMES OFFERED

S.No.	Program	Branch	Eligibility & Selection Criteria
6	M.E. Intake: 18	CAD/CAM	<p><b>Entry Qualification:</b> B.E./B.Tech. (4 years) in Mechanical/Automobile/ Manufacturing /Production/Industrial/Mechatronics/Marine/Aeronautical, Mechanical and Automation Engg., / Aerospace Engg./ Robotics &amp; Automation</p>
			<p><b>Age Limit:</b> There is no specific age limit to appear for CEETA-PG 2023</p> <p><b>Qualifying Marks:</b> Candidates must have secured a minimum 50% score in the qualifying exam, reserved category candidates must secure a minimum 45%.</p> <p><b>Domicile:</b> Subject to eligibility criteria, other state candidates are eligible to apply.</p> <p><b>Affiliating University :</b> Anna University, Chennai (<a href="http://www.annauniv.edu">http://www.annauniv.edu</a>)</p> <p>❖Eligibility &amp; Selection as per Anna University norms.</p> <p>❖For admission, apply through Anna University.</p> <p><b>Note:</b> Candidates must have appeared GATE 2023 or CEETA-PG conducted by Anna University to get Admissions into M.Tech. and M.E Programmes</p>
7	M.Sc. Intake: 26	Applied Polymer Science	<p><b>Entry Qualification:</b> B.Sc., Degree in Chemistry / Industrial Chemistry / Polymer Science / Applied Chemistry / Industrial Polymer Chemistry / Applied Science with Chemistry as one of the major subject. Those who are completed final semester and waiting for final exam also eligible.</p> <p><b>Minimum Age Limit:</b> 21 Years</p> <p><b>Affiliating University :</b> University of Madras, Chennai</p> <p><b>Age Limit:</b> Maximum age limit for candidates must not exceed 45 yrs at the time of admission.</p> <p><b>Domicile:</b> Subject to eligibility criteria, other state candidates are eligible to apply.</p> <p><b>Academic Qualifications:</b> Selection is purely on merit basis (As per the Grades / Marks obtained in B.Sc.) Application form will be issued at CIPET:IPT, Chennai or downloaded from <a href="http://www.cipet.gov.in">www.cipet.gov.in</a></p>

For further details Regarding Admissions Please Contact

**9360098600/9937872419/9662638530**

**Counseling  
Code: 1321**

# FEE STRUCTURE

## UG PROGRAMMES (First Year)

Description	B.Tech.	B.E.
Tution fees (₹)	50000	50000
Development fees (₹)	5000	5000
#Admission fees (₹)	1000	1000
Caution deposit (₹)	750	750
Janata policy for 4 years (₹)	400	400
CIPET Alumni fees (₹)	130	130
Uniform (₹)	2500	2500
Industrial safety shoe (₹)	850	850
Record note book (₹)	800	800
**Miscellaneous (₹)	1500	1500
*University registration fees (₹)	2055	2055
University Examination fees (₹)	2850	2700
Total (₹)	67,835	67,685

\*Students Affairs / Sports Fee / NSS / Curriculum & syllabi Fee—Rs.2055/- (1550+300+5+200) – for Tamilnadu Candidates

\*\*DOTE Verf. / Annual Fest / ID card / Club Activities/Youth Red Cross etc.,

*“An investment in knowledge pays the best interest” - Benjamin Franklin*

# FEE STRUCTURE

## UG PROGRAMMES (Lateral Entry)

Description	B.Tech.	B.E.
Tution fees (₹)	50000	50000
Development fees (₹)	5000	5000
#Admission fees (₹)	1000	1000
Caution deposit (₹)	750	750
Janata policy for 4 years (₹)	300	300
CIPET Alumni fees (₹)	130	130
Uniform (₹)	2500	2500
Industrial safety shoe (₹)	850	850
Record note book (₹)	800	1000
**Miscellaneous (₹)	1500	1500
*University registration fees (₹)	2055	2055
University Examination fees (₹)	2550	2700
Total (₹)	67,435	67,785

\*Students Affairs / Sports Fee / NSS / Curriculum & syllabi Fee–Rs. 2055/- (1550+300+5+200) – for Tamilnadu Candidates.

\*Students Affairs / Sports Fee / NSS / Curriculum & syllabi Fee–Rs. 2655/- (2150+300+5+200) – for Other State Candidates

\*\*DOTE Verf. / Annual Fest / ID card / Club Activities/Youth Red Cross etc.,

# FEE STRUCTURE

## PG PROGRAMMES - ENGINEERING

Description	M.Tech./ M.E (T.N State)	M.Tech./ M.E (Other State)
Tution fees (₹)	50000	50000
Development fees (₹)	5000	5000
#Admission fees (₹)	1000	1000
Caution deposit (₹)	750	750
Janata policy for 4 years (₹)	200	200
CIPET Alumni fees (₹)	130	130
Uniform (₹)	2500	2500
Industrial safety shoe (₹)	850	850
Record note book (₹)	800	800
**Miscellaneous (₹)	1500	1500
*University registration fees (₹)	2055	2655
University Examination fees (₹)	7200	7200
Placement Fee (₹)	1000	1000
Total (₹)	72985	73585

\*Students Affairs / Sports Fee / NSS / Curriculum & syllabi Fee–Rs. 2055/- (1550+300+5+200) – for Tamilnadu Candidates.

\*Students Affairs / Sports Fee / NSS / Curriculum & syllabi Fee–Rs. 2655/- (2150+300+5+200) – for Other State Candidates

\*\*DOTE Verf. / Annual Fest / ID card / Club Activities/Youth Red Cross etc.,

*“The beautiful thing about learning is that no one can take it away from you”*

# FEE STRUCTURE

## PG PROGRAMME - SCIENCE

Description	M.Sc.
Tution fees (₹)	30000
Development fees (₹)	5000
#Admission fees (₹)	1000
Caution deposit (₹)	750
Janata policy for 2 years (₹)	200
CIPET Alumni fees (₹)	130
Uniform (₹)	2500
Industrial safety shoe (₹)	850
Record note book (₹)	400
**Miscellaneous (₹)	1500
University registration fees (₹)	270 /*520
University Examination fees (₹)	2750
Placement fees (₹)	1000
Total (₹)	46,350 /*46,600

\* UG other than University of Madras

\*\* University of Madras Verf. / Annual Fest / ID card / Club Activities/Youth Red Cross etc.,

Scan QR code for  
Payment





**Ms. Pooja S.P.**, B.E manufacturing engineering, 2017-2021 Batch, received **Gold Medal** from the Honorable Prime Minister of India, Shri. Narendra Modi in the presence of Chief Minister of Tamilnadu, Shri. M. K. Stalin during the convocation function held on 29/07/2022 at Anna University for securing university 1<sup>st</sup> Rank. Started her career with M/s Caterpillar, Thiruvallur.



**Ms. Anne Shyana**, B.E 3<sup>rd</sup> Year secured 6<sup>th</sup> Place in Chess Championship in All India Inter University Level representing Anna University

## INDUCTION TRAINING



## FRESHER'S DAY



## CLASS ROOM / CONFERENCE HALL



## VIDEO CONFERNCING / MUTE ROOM



# LABORATORY FACILITIES

**CHEMISTRY  
LABORATORY**



**PHYSICS  
LABORATORY**



**COMPUTER  
LABORATORY**



**ELECTRICAL  
LABORATORY**



**STRENGTH OF MATERIAL  
LABORATORY**



**FLUID MECHANICS  
LABORATORY**



**MECHATRONICS  
LABORATORY**



**CNC – TOOL ROOM LABORATORY**



# LABORATORY FACILITIES

## CAD/CAM/CAE LABORATORY



## PROCESSING LABORATORY



# LABORATORY & LIBRARY FACILITIES

## TESTING LABORATORY



## LIBRARY



## DIGITAL LIBRARY



*"Education is the passport to the future, for tomorrow belongs to those who prepare for it today"*

# HOSTEL FACILITIES

## BOYS HOSTEL



**Constructed** : Ground + 8 floors  
**Area** : 9750 Sq.mtr.  
**Capacity** : 950 students

## GIRLS HOSTEL



**Constructed** : Ground + 6 floors  
**Area** : 5000 Sq.mtr.  
**Capacity** : 400 students



For outstation students, hostel facilities are available for boys and girls with in the campus. Power backup, Continuous water supply and round the clock security is provided in the hostels.

# CIPET STUDENT'S CLUBS

- ❖ Students are the prime stakeholders in the educational institutions. Vibrant campus life is essential for the overall growth of a student.
- ❖ Clubs offer an opportunity for students to express their feelings, analyze and bring out their hidden talents.
- ❖ A variety of clubs helps the students to select the club of their interest, so that they could perform beyond the classroom too.
- ❖ Clubs acts as a stress relief platform for students in a stressful academic system.
- ❖ Student clubs promote the shaping of skills of the students and make them to be ready for real life challenges.
- ❖ Student clubs play a crucial role in determining and channelizing the passion and interest of students, much beyond their academic pursuit.
- ❖ These clubs helps the students to learn new activities from experts and peers.
- ❖ Student clubs help in learning to work as a team which is one of the most essential factors in one's career.
- ❖ These clubs helps to know about themselves, their strengths, and their goals better, and help in generating ideas to serve others.
- ❖ These clubs help in student's transformation and holistic development in a big way.

## Various Club Activities

❖ **ENTREPRENEURSHIP CLUB**

❖ **ENGINEER'S CLUB**

❖ **ENVIRONMENT CLUB**

❖ **MUSIC CLUB**

❖ **PERFORMING ARTS CLUB**

❖ **PHOTOGRAPHY CLUB**

\* In addition National Service Scheme (NSS) is also very active in our campus

# CIPET STUDENT'S CLUBS

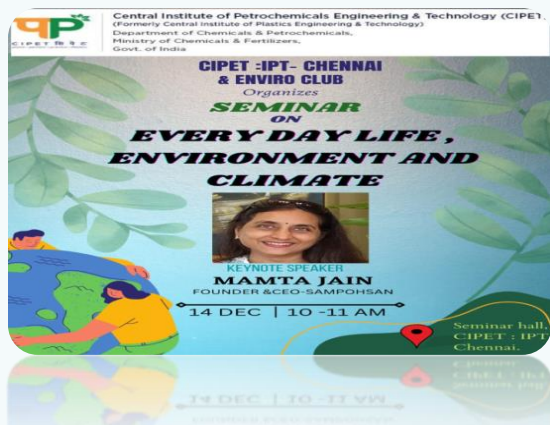
## ENGINEER'S CLUB



## ENTREPRENEURSHIP CLUB



## ENVIRONMENT CLUB



*"Leadership and learning are indispensable to each other" - John F. Kennedy*

# EXTRA CURRICULAR ACTIVITES

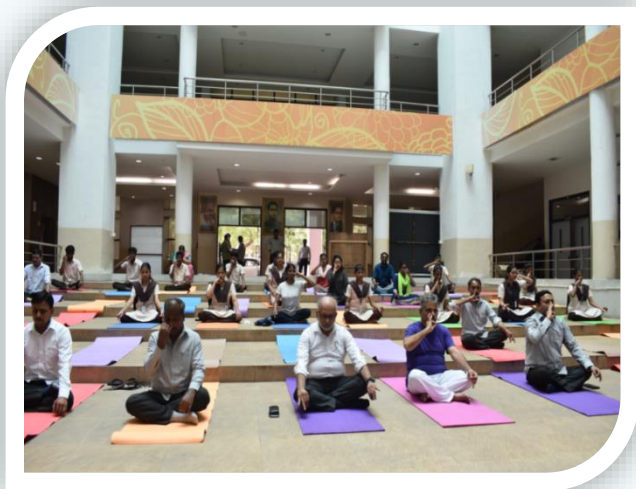
## NATIONAL SERVICE SCHEME (NSS)



## MUSIC CLUB



## HEALTH AND WELLNESS



## HEALTH CARE CENTRE



## Women's Day Celebration – 08-03-2023 at CIPT:IPT Chennai



**Volunteers of CIPET: IPT, Chennai participated actively in "Payanam 100", a Walkathon organized by "Walk For Plastic" a Non-Govt. Organization with Vooki**



# SPORTS, AWARDS AND RECORDS

## SPORTS



## RECORDS



## Best Skill Training Provider



## Awareness Walkathon on Plastics Recycling - A World Record



## **Guidelines for Internship / In plant Training / Industrial Visit**

- ✓The internship/in-plant training shall be arranged for the students (of all years except first year) by our Placement Cell as per the guidelines of affiliated universities from time to time
- ✓The duration of the internship/in-plant training shall be fixed by the industry concerned and our institution.
- ✓Generally students are instructed to carry out internship during semester holidays and not during the middle of the semester in order to regulate the attendance.
- ✓Maximum of eight students (by dividing into group of four students each) shall be permitted to carry out internship in an industry as per the guidelines from affiliated universities.
- ✓Students are instructed to submit the internship completion certificate and internship report to our Placement Cell and Class Advisors for submitting a copy to our Principal respectively during completion without fail.
- ✓All cost associated with internship/in-plant training are to be borne by the student.
- ✓Students are instructed to carry out In-plant training for the duration of maximum of five days and eight students (by dividing into group of four students each) shall be permitted in an industry.
- ✓While carrying out internship/in-plant training, students are instructed to wear our college uniform, formal shoes, college id card, and to maintain professionalism inside industry's premises strictly.
- ✓Students who are willing to carry out internship/in-plant training are instructed to inform the Placement Cell prior to two weeks (fourteen days) for the purpose of verification and follow-up.
- ✓Bonafide certificate shall be issued to the students as per our college norms.

## Guidelines for various Scholarships

The following guidelines are to be adhered by the Students (B.E & B.TECH) for availing First Graduate (FG)/SC-ST/BC-MBC/NSP/PRAGATI scholarship. All kinds of these scholarships need to be renewed every year as per the notifications from Government of Tamilnadu, AICTE.

✓Students (B.E & B.TECH) who are studying in our college are eligible to apply/avail the FG scholarship as per the criteria framed by Directorate of Technical Education (DOTE), Government of Tamilnadu.

✓Students (B.E & B.TECH) who are willing to apply/availing First Graduate (FG) scholarship from the affiliated university are not eligible for any other scholarships. The application of FG shall be scrutinized and sanctioned by Government of Tamilnadu. The sanctioned FG scholarship amount shall be credited to our college's bank account

✓Students (B.E/B.TECH) who are availing the SC/ST scholarship are not eligible to apply/draw FG scholarship. The application of SC/ST scholarship shall be scrutinized by Government of Tamilnadu and gets sanctioned. The sanctioned SC/ST scholarship amount will be credited directly to beneficiaries bank account.

✓Students (B.E/B.TECH) who are availing BC/MBC community scholarship are not eligible to apply/avail FG scholarship. The application of BC/MBC scholarship shall be scrutinized by Government of Tamilnadu and gets sanctioned. The sanctioned BC/MBC scholarship amount shall be credited to student's bank account directly.

✓Students (B.E/B.TECH) who are availing minority scholarship such as NSP (National Scholarship Portal) need to update their information as per AICTE guidelines or else false data may lead to rejection. The sanctioned NSP scholarship amount shall be credited to student's bank account directly.

✓After joining in the first year, meritorious female students (including specially-abled) are eligible to apply/draw AICTE Pragati scholarship from AICTE and the same has to be renewed every year. The uploading of incorrect data may lead to rejection. The sanctioned Pragati scholarship amount shall be credited to student's bank account directly.

# PRE - PLACEMENT TRAINING

✓Students belongs to post graduation are eligible to apply/draw GATE (Graduate Aptitude Test in Engineering) scholarship as per AICTE norms after joining in first year. The sanctioned GATE scholarship amount shall be credited to student's bank account directly.

✓The Students (B.E/B.TECH/M.E/M.TECH) who are studying in CIPET:IPT Chennai are eligible to apply/avail any one of the following scholarship.

- a. SC&ST Community Scholarship
- b. BC&MBC Community Scholarship
- c. First Graduate (FG) Scholarship
- d. NSP (National Scholarship Portal)
- e. GATE (Graduate Aptitude Test in Engineering) Scholarship
- f. Pragati-By AICTE (only for Girls)
- g. Naan Mudhalvan-7.5 % (Reservation)
- h. Corporate Social Responsibility (CSR) Funded Scholarship

## Pre-Placement Training & Placement Activities:

❖ The Placement Cell at CIPET, Chennai is an unique institution for training professionals & skilled workforce for plastics industries for various sectors such as Automobile & Engineering, Electrical & Electronics, Packaging, Building & Construction, Health & Medical, Agricultural & Irrigation, Aerospace & Aeronautical Application, Marine & Shipping, House hold & Consumables etc.

❖ Students completing their education in various programmes are placed successfully every year. The above sectors in the areas of Research & Development (R& D), Testing & Quality control, Design & Tooling \, Processing, Sales & Marketing Service, Techno commercial & Logistics Engineering etc.

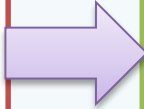
❖ The training activities are regularly conducted to enhance the employability skills of students before they appear for campus recruitment drives. In addition, training Programmes are conducted by inviting eminent industry professionals, Alumnus of CIPET to inculcate the technical advancements emerging in industries globally.

# MAJOR CAMPUS RECRUITERS

 Reliance Industries Limited	 Dow	 Larsen and Toubro	 PRAKASH TECHNO PLAST INDIA PVT LTD	 HFCL LIMITED	 KINGFA	 HUSKY	 APPL	 سابك	 RIL INTERNATIONAL	 ITW	 SUPREME PETROCHEM LTD
 Supreme	 UBE	 SCHWING Stetter	 BOSCH	 GEL	 ATHER	 Valeo	 Cosmo First	 FANUC	 NIPPON SEIKI	 Shibaura Machine	
 CATERPILLAR	 motherson	 JOHNSON ELECTRIC	 WELSPUN FLOORING	 NEUTGEN	 K2 Cranes	 J Plastalloy Pvt. Ltd.	 FREUDENBERG	 MEGA	 Hero	 LohiaCorp	 PRINCE
 JKTYRE	 SSF	 BESMAK	 Jumbo Bag Limited	 Manilalree	 K.R. INDUSTRIES	 GEN-BGR	 FinOlex	 Lucas TVS	 silvin	 GE	
 BAJAJ	 UNITED INDUSTRIES	 Macroplast	 Schneider Electric	 SAMSUNG ELECTRONICS	 TECH mahindra	 SMRC	 Armstrong	 Natur-Tec	 IIL	 LUMAX	 SAINT-GOBAIN
 hv	 ASTRAL PIPES	 Crystalline	 AMARA RAJA	 Hi Tech	 L&T Infotech	 HALDIA PETROCHEMICALS LTD	 YIZUMI HPM	 Nilkamal	 UFLEX	 SARO GROUP	 DELFINEN
 DAIMLER	 Mastercraft	 CUMI	 Precision Components (P) Ltd.	 NORDEX	 FORVIA	 Uber	 BURETOPLAST	 HDC	 RENAULT NISSAN	 SPERENE	 hero
 HTL Ltd.	 Fleetguard	 VIHAN	 cerlikon hrtflow	 HELLA	 SHS	 (expleo)	 HCL	 Hot MOLD	 AMOLD	 NETAFIM	 FUNSKOOL

# OPPORTUNITIES - RESEARCH & HIGHER STUDIES

- ❖ Master Degree
- ❖ Junior Research Fellow
- ❖ Ph. D.



- Foreign Universities
- IITs
- NITs
- Research Laboratories
- ICT
- CIPET
- Other Universities

॥ त्वं ज्ञानमयो विज्ञानमयोऽसि ॥

॥ त्वं ज्ञानमयो विज्ञानमयोऽसि ॥

# LOCATION MAP OF CIPET:IPT CHENNAI



## How to Reach



Distance from CIPET : IPT to Airport: 5 Kms

Distance from CIPET:IPT to Ambal Nagar Bus stand: adjacent to campus

Distance from CIPET :IPT to Railway station: 1 Kms

Distance from CIPET :IPT to Ekkattuthangal Metro : adjacent to campus

**PP** CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)  
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)  
**CIPET : INSTITUTE OF PETROCHEMICALS TECHNOLOGY (IPT)-Chennai**

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*"Take what you learn and make a difference with it"*