

### SETHU INSTITUTE OF TECHNOLOGY

AN AUTONOMOUS INSTITUTION | ACCREDITED WITH 'A' GRADE BY NAAC
PULLOOR - 626 115, KARIAPATTI TALUK. VIRUDHUNAGAR DISTRICT.
Phone: (04566) 308001 (4 lines) | Faz: (04566) 308000 | Website: www.sethu.ac.in | Email: sit@sethu.ac.in

The College is situated near Madural, one of the largest cities in Tamilnadu, India. The Institute is located on Madurai – Tuticorin National Highway 458 about 15 kms from Madurai Airport. The campus is spread over a sprawling land of 132 acres providing a tranquil and right learning ambience for aspiring students.



The College is situated near Madural Airport and it is just 15 kms from the Airport. Madural Airport is well

connected with major cities of the world. Transport facilities are available from Madural Airport.

### SETHU INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Accredited with 'A' grade by NAAC Approved by AICTE and Permanently Affiliated to Anna University, Chennai Recognized by UGC under Section 2(f) & 12(B) of UGC act 1956



SETHU INSTITUTE OF TECHNOLOGY was established in the year 1995 by Mr. S.Mohamed Jaleel, B.Sc., B.L., the Founder and Chairman the College. The Institute was started with the motto of 'Knowledge, Service and Progress' to fulfill the noble aim of providing quality technical education to the students.

Sethu Institute of Technology approved by AICTE, New Delhi and permanently affiliated to Anna University, Chennai. Our College has been accorded autonomous status by University Grants Commission on Aug, 2012. The College has been accredited by National Assessment and Accreditation Council (NAAC) with 'A' grade and major undergraduate courses have been accredited by National Board of Accreditation, New Delhi. More than 4500 students are pursuing their studies and 350 eminent faculty members are rendering their service with utmost dedication. Most of the departments were approved as Research Centres by Anna University. The college has received Rs.5.4 crores from various funding agencies like DRDO, DST for the ongoing research projects.

### Founder + Chai<u>rman</u>



The Founder and Chairman, Mr. S.Mohamed Jaleel, established Sethu Institute of Technology in the year 1995, with a great ambition to provide excellent academic ambience in South TamilNadu. He has been crowned with Communal Harmony award for his outstanding service to the humanity.

He is the President of self-financing Engineering College Management Association of Anna University – Tirunelveli. He was a member of the Vice-Chancellor search committee of Madural Kamaraj University in the year 2001. He was also nominated as Syndicate Member of the Anna University – Tirunelveli in the year 2008.

Chairman's Message

### Greetings

Sethu Institute of Technology is fully aware of its commitment to strengthen the youth. Education must keep pace with the changes. The quality of education in a unique ambience transforms the aspirants into leaders of the society. Quality is the fruit of hard work and a continuous process.

The educational institutions, especially those imparting technical education, have to take up the responsibility for developing and nurturing world class engineers, technologists and managers. Sethu Institute of technology continues to ensure excellence in every aspect of its activities. It persistently seeks innovative methods to develop the students into future leaders who will enshrine a pride for the institution and the nation.

The Management and the staff are working earnestly to provide a congenial platform for teaching and learning in an atmosphere of good discipline and understanding. The faculty are highly qualified, the infrastructure is professionally sound and students are committed to the cause of learning.

l assure that the Management is always pro-active and is genuinely concerned with the welfare of the staff and students. We honestly believe, that our relentless efforts in imparting quality education with international standards will be reflected through their active participation, association and contribution.

With hearty wishes

A. Moranes Taly

Founder & Chairman

#### ALL INDIA COLINCIL FOR TECHNICAL EDUCATION

All India Council for Technical Education (AICTE) is national level Apex Advisory
Body to conduct survey related to the facilities on technical education and to promote
the development of the country in a coordinated and Integrated manner. Sethu Institute
of Technology is approved by All India Council for Technical Education.





#### UNIVERSITY GRANTS COMMISSION

The University Grants Commission (UGC) of India is a statutory organisation set up by Union Government, for the coordination, determination and maintenance of standards of university education. It provides recognition universities in India. Sethu Institute of Technology has been recognized by University Grants Commission under 2(fl and 12(B) of UGC act and also conferred with Autonomous status.

#### ANNA UNIVERSITY

Anna University is a highly renowned single affiliating university for engineering colleges all over Tamil Nadu. It also offers higher education in Engineering, Technology and allied Sciences relevant to the current and preferred needs of the society. Sethu Institute of Technology is permanently affiliated to Anna University.





### NAAC ACCREDITATION

Accredited by National Assessment and Accreditation Council (NAAC) with 'A' grade for a period of 5 years by valid upto 2021

### NBA ACCREDITATION

- B.E. (MECH), B.E. (CSE) & B.E. (ECE) were accredited for two years (2015-2017) by National Board of Accreditation (NBA) under Tier-I (Washington accord)
- B.E. (EEE) & B.Tech. (IT) were reaccredited for three years (2014-2017) by National Board of Accreditation (NBA)



### Ranking & Recognition



#### DSIR SIRO

Our College has been recognized as Scientific and Industrial Research Organization (SIRO) by the DSIR, Ministry Of Science and Technology, Government of India from 27.04.2016 upto 31.03.2019

- 2017 The college was categorized under PLATINUM level, one among the top 81 engineering institutes in India, in AICTE CII Survey
- 2016 The college was categorized under PLATINUM level, one among the top 164 institutes in India. in AICTE CII Survey
- 2015- Department of Mechanical Engineering was categorized under PLATINUM level, one among the top 37 institutes in India, in AICTE CII Survey





2017 – Ranked 59th among private Engineering Colleges in India by Times Engineering Survey 2016 - Ranked 69th among private Engineering Colleges in India by Times Engineering Survey

2016 & 2017 - Rated under AAA+ grade among the Engineering Colleges in India by Careers 360 Magazine.







A Golden opportunity to the Non-Resident Indian (NRI)/ Foreign Nationals (FN)/Overseas Citizens of India (OCI)/ Persons of Indian Origin (PIO)/ Children of Indian Workers in Gulf countries (CIWGC) Sethu Institute of Technology is the only College in Southern Tamilnadu to get approval from AICTE to admit students in the above categories from the academic year 2018-19.

### Non-Resident Indian (NRI)

Non-resident Indians are people of Indian birth or descent who live outside the Republic of India. An Indian Citizen who stays abroad for employment/carrying on business or vocation outside India or stays abroad under circumstances indicating an intention for an uncertain duration of stay abroad is a non-resident.

### Foreign National (FN)

A Foreign National is a person who is not a citizen of the host country in which he or she is residing or temporarily sojourning.

#### Overseas Citizens of India (OCI)

The Overseas Citizenship of India (OCI) is an immigration status authorized for a foreign citizen of Indian origin to live and work in the Republic of India indefinitely.

### Persons of Indian Origin (PIO)

Persons of Indian Origin Card (PIO Card) is a form of identification issued to a Person of Indian Origin who has held a passport in a country other than Afghanistan, Bangladesh, Bhutan, China, Nepal, Pakistan and Sri Lanka.

### Children of Indian Workers in Gulf Countries (CIWGC)

Children of Indian expatriates in Gulf countries.

### COURSES OFFERED AND AVAILABILITY OF SEATS

# Courses Offered and Availability of Seats

Name of the Branch	Sanctioned Intake 2018-2019	NRI	PIO /OCI / CIWGC Foreign National(FN)
B.E. Mechanical Engg.	240	12	36
B.E. Computer Science & Engg.	180	9	27
B.E. Electronics & Commn. Engg.	180	9	27
B.E. Electrical & Electronics Engg.	120	6	18
B.Tech. Information Tech.	60	3	9
B.E. Civil Engg.	180	9	27
B.Tech. Chemical Engg.	60	3	9
B.E. Agriculture Engg.	60	3	9
B.E. Biomedical Engg.	60	3	9
M.E. CAD / CAM	18	1	2
M.E. Commns. Systems	18	1	2
M.E. Computer Science and Engg.	18	1	2
M.E. Power Electronics & Drives	18	1	2
M.E. Structural Engg.	18	1	2

Candidates must have passed the qualifying examination i.e (10+2) of Indian System or its equivalent (completed 12 years of school education). Candidates must have studied in English medium or should have proficiency in English language. The candidate should have passed in all subjects and scored a minimum average of 50 percentage in Mathematics, Physics and Chemistry put together in qualifying examinations.

#### QUALIFYING EXAMINATIONS

- GCE Examination of U.K. with pass grades in five subjects at the Ordinary Level (O level) and two subjects at the Advanced Level (A Level).
- Higher School Certificate Examination, University of Cambridge Local Examinations Syndicate, U.K.
- International Baccalaureate Examination of Geneva. High School Graduation from accredited Institutions of USA.
- > 12 Years High School Diploma from China
- 12 Years High School Graduation Diploma of International School, Bangkok / Grade 12 Examination of Ruam Rudee International School, Bangkok / 12 Years High School Diploma of Adventist English School, Bangkok Mathayom VIII, Final Examination of Upper Secondary Education Course; Final Examination of Secondary Education Course; Mathayom Suksa, 5 Pre-University Final Examination (12 Year Course) in Ministry of Education. Thailand.
- 12 Years High School Graduation Diploma from Myanmar
- Ethiopian school leaving certificate (12 years course) Ministry of Education, Saltanate of Oman and Yemen
- > 12 Years High School Graduation Diploma from Syria
- 12 Years of Secondary Stage qualifications of National Examination Board / Council of Ministries of Education from Kenya, Nigeria, Sudan, Tanzania and Uganda
- > 12 Years General Secondary School Certificate of Ministry of Education, Sultanate of Oman and Yemen
- > SMA/SLTA/Senior High School/Secondary School Advanced stage exams from Indonesia
- Intermediate Science Course, Kathmandu University, Kathmandu, Nepal
- Intermediate / Senior Secondary / Higher Secondary / 12 Years High School Diploma / Certificate Level Examination of the approved Board / Council of Secondary Education from Bangladesh, Sri Lanka, Iran, Iraq,Bahrain, Kuwait, Jordan, Saudi Arabia, UAE and other Gulf Countries.
- Sijil Tinggi Persekolahan Malaysia (STPM) of Ministry of Education, Malaysia / Matriculation Science Course of National University of Malaysia / 12 Years Matriculation Science Certificate of University of Malaya & University of Science, Malaysia, ream



### DOCUMENTS TO BE SUBMITTED

Non-Resident Indian (NRI) / Children of Indian Workers in Gulf countries (CIWGC) categories for B.E. / B.Tech.:

Photocopies of the following documents are to be enclosed along with the application:

- Recent NRI status certificate of the parent issued by the Indian Embassy of the respective country with their seal (Affidavit of NRI status is not accepted).
- Employment certificate of the NRI parent. In case of self employment, nature of business, annual income and required proof like Income Tax paid (for the last 3 years).
- > NRE / NRI bank account of the NRI parent, at least for the last six months.
- Valid Indian passport of the candidate or Birth Certificate.
- > Valid Indian passport of the NRI parent
- School Transfer Certificate or Migration Certificate or both. If these certificates are not issued in your country, an equivalent transfer certificate from the Principal has to be specially obtained.
- For 10 + 2 type of Indian Boards OR Foreign Boards:
  - a. Mark sheets of Secondary School Leaving Certificate (X Standard) or equivalent.
  - b. Higher secondary Certificate (XII Standard) or equivalent \*\*\*

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c. For 8 + 4 type of Foreign Boards: Marks Sheets from 8th to 12th standards

d. For 9 + 3 type of Foreign Boards: Marks Sheets from 9th to 12th standards

### DOCUMENTS TO BE SUBMITTED

Foreign National Category for B.E. / B.Tech.:

- Passport of the candidate
- Valid student visa/PIO/OCI card in(In case of Citizen of Indian Origin)
- Proof of financial support like parents bank statement for the last six months or scholarship offer letter from the Government/other agencies.
- Certificate showing that the candidate has proficiency in English language.
- School Transfer Certificate or Migration Certificate or both. If these certificates are not issued in your country, an equivalent transfer certificate from the Principal has to be specially obtained.
- For 10 + 2 type of Indian Boards OR Foreign Boards:
  - a. Mark sheets of Secondary School Leaving Certificate (X Standard) or equivalent.
  - b. Higher secondary Certificate (XII Standard) or equivalent \*\*\*

OR

c. For 8 + 4 type of Foreign Boards; Marks Sheets from 8th to 12th standards

d. For 9 + 3 type of Foreign Boards: Marks Sheets from 9th to 12th standards



\*\*\* If the candidate has studied in a Non-Indian Government board of education system abroad or in India, the eligibility certificate obtained from the Association of Indian Universities (AIU), New Delhi has to be enclosed. Equivalent certificate from AIU has to be given for each individual candidate. Anna University will not accept details from the websites of the boards or any other authorities regarding equivalency. Otherwise, if the Indian Embassy / Consulate in the concerned country provides an eligibility certificate, it can be enclosed.

# Research 4 Development



#### RESEARCH CENTRES

The following departments are Approved as Research Centre by ANNA UNIVERSITY, Chennai

- . Department of Mechanical Engg.
- Department of Computer Science and Engg.
- Department of Electrical and Electronics Engg.
- . Department of Civil Engg.
- Department of Electronics and Communication Engg.
- . Department of Physics

### **FUNDED PROJECTS**

- Department of Science and Technology has sanctioned an amount of Rs.110 lakhs for DST- FIST Project.
- The College has received a total amount of 5.4 Crores for Research Projects from funding agencies like DRDO, DST, UGC, etc....
- Through the Innovative Research Activities of the faculty and students 7 Patents are obtained

### STUDENTS R&D ACTIVITIES



A team of Mechanical Engineering students have successfully designed and manufactured a Quad bike and won the National Level 2" runner up in "Quad bike Design Challenge" a National Level competition conducted and organised by FMEA (Fraternity of Mechanical and Automotive Engineers) at Hyderabad, Telangana from 21.07.2017 – 24.07.2017.

A team of MECH, EEE and EIE students achieved 8th place among 104 teams in All India Level ISIE – Hybrid Go-kart held at Coimbatore





A team of Electronics & Communication Engineering students and faculty members received EARTHIAN award from Mr. Azim Premiji, Chairman, Wipro in an International Contest for Environmental Awareness



# Foreign Languages

#### NEED TO BE MULTILINGUAL

Most of the companies establish their branches not only in Englisl speaking countries but also in countries where languages lik German, French, Japanese, Spanish and Chinese are widel spoken. The knowledge of foreign languages in addition to Englisl gives an extra edge and increases the employment potential. In response to needs of the industry Sethu Institute of Technology in offering German, French and Japanese language classes to the students.



German language, the power nouse of Europe is an official language of many countries. It is the third most popular language in Europe and the second most popular language in Europe and Japan after English. German companies account for 7,00,001 jobs in the United States.

#### FRENCH

French, an official language of the world's organizations, one of the leading languages opens many doors to employment in a variety of occupations such as teaching, interpreting and translation, the travel industry and many more. It is a language spoken in five different continents.

#### JAPANESE

The industrial growth in Japan especially in automobile an electronic industries makes it necessary to wisely offer Japanesi language which will prepare the student to face the challenges of the industry, bringing various business opportunities.



# Central Library

The library is the most important knowledge source of the college and it caters to the academic and research requirements. It has a good collection of more than 59,376 volumes, e-books, videos and periodicals. The library is fully computerized which enables the users to search for the resources from any computer in the camous.

The library subscribes more than 630 International journals from publishers like IEEE, ASME, Science Direct, ASCE, and SPRINGER and it also subscribes around 245 national periodicals. In addition to that, the library subscribes online e-

The library has Digital Library Management solution with e-books, e-resources and access facility to McGraw-Hill online library.



# Metwork & Computing



Sethu Institute of Technology takes a fruitful initiative in making use of internet as a vital sources of learning for academic. The computing facility is backed by IBM blade server. Fiber optic connectivity in the ratio of 1:1 per band is maintained to support future extension. Surfing at maximum speed is achieved through a dedicated 150 Mbps connectivity.

The entire campus is Wi-Fi enabled to facilitate academic as well as research work by faculty and students

### Your Success is our Success Together we CAN we WILL



# PLACEMENT & TRAINING ACTIVITIES

Sethu Institute of Technology has a dedicated and well-organized placement cell with an efficient Placement Officer, Training Officer, Assistant Placement Officer, Placement Coordinators and Trainers.

The entire placement cell is constantly supervised by the Vice Principal and the Principal of the college.

The placement team takes special initiative to instill "Confidence" among students and motivates them to face campus interviews

The college offers training in soft skills and personality development through various interactive training programmes. Students are also trained in analytical skills by well experienced internal and external trainiers.

The Placement cell has organized 85 on/off Campus Interviews for the year 2017-18 and 783 students have been placed so far through various placement programs.





# Our Esteemed Recruiters

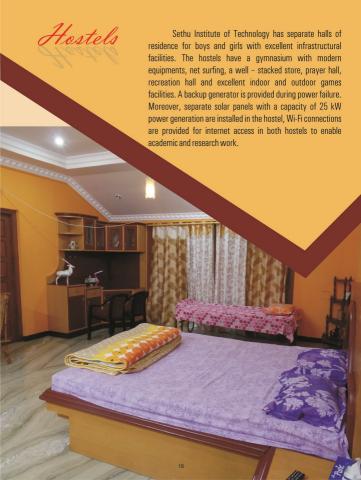
Tata consultancy Services Chennai Bangalore Robert Rosch Coimbatore Infosvs Chennai Technin Chennai lytlInfoview Chennai Chennai Winro Bangalore American Mega Trends India Pvt. Ltd Chennai Renault Nissan Chennai Hexaware Technologies Ltd Chennai Veryx Technologies Chennai Flsmidth Ltd Chennai Wheels India Ltd Chennai Prodex Technologies Chennai Chennai Eta Ascon Gate Global Solutions Bangalore Syntel Incorporation Chennai Virtusa India Pvt. Ltd Chennai Coastal Energen Pvt. Ltd. Tuticorin Hi Tech Arai Ltd Madurai General Flectricals Hyderabad Mahindra and Mahindra Chennai Toshiba Jsw Turbine & Generator Pvt. Ltd. Chennai Larsen & Toubro Engg. & Construction Ltd. Chennai Madras Cements Chennai Spic Kuwait Essar Group Guiarat Coromental Cements Chennai I-horse Chennai Global Suhaimi Saudi Arabia Huda Lighting Saudi Arabia Suresoft Systems Pvt. Ltd Pondicherry Kone Elevator India Pvt. Ltd. Chennai Chennai Slash Sunnort Pvt. Ltd. Sutherland Global Services Chennai Hyundai Motor India Ltd Chennai Godrei and Boyce Ltd. Mumhai Apna Technologies Bangalore

Glenwood Systems Jasmin Infotech Sehrinder Flectricals **Nata Patterns** Gda Technologies Ltd. US Technologies Invictus Technologies Suzion Energy Ltd Wisdom Technologies R System International Ltd Dhanalakshmi Paner Mills I td. Roland Technology Solutions Castwel Auto Solartis Shakti Auto Components Pvt Ltd Saipem Project Sunpressing Thai Summit Neel Auto 7nhn Tysinfotech Data Logic Appitivoi CSS Com Vernalis Elai Equipment God'B Tech Tessolve Cadence Ams Design India Private Limited Mayeric Systems Sundaram Fasteners EP Technologies Solverminds Solution Technologies HCL Talent Care TNO Rooks & Journal Swellth Solution Pvt. Ltd. CADeploy Engineering

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Chennai Chennai Chennai Chennai Chennai Trivandrum Chennai Coimbatore Trichy Chennai Nilakottai Chennai Chennai Madurai Frnde Frode Madurai Hosur Chennai Chennai Chennai Madurai Chennai Madurai Chennai Chennai Coimhatore Chennai Chennai Madurai Coimbatore Chennai Chennai Chennai Chennai Chennai Madurai Chennai





# Glimpses of Facilities

### CAFETERIA

A cafeteria with state-of-the-art and hygienic kitchen at affordable price is located to cater to the needs of staff and students

### MINERAL WATER

A mineral water plant with reverse osmosis provides clean drinking water to staff and students

### POWER BACKUP UNIT & HYBRID POWER

Two generators with the capacity of 320kVA and 125 kVA provide uninterrupted power supply at the time of power failure. Solar Power unit the capacity of 100kVa provides uninterrupted power supply

### WIFI ENABLED CAMPUS

The entire campus is Wi-Fi enabled witha high speed internet connection to allow the students to access the internet. The campus is provided enabled with Wi-Fi environment through CISCO wireless network with 1Gbps bandwith



# Glimpses of Facilities



### ATM CENTRES

The ATM centres available on campus are highly beneficial to the staff, students and the public.

### **HEALTH CARE**

The faculty and students can make use of the dispensary located in the college premises. A Medical Officer visits the campus everyday.

A residential nurse is available for medical care. An ambulance is available to meet any emergency.

### REPROGRAPHIC CENTRE

An exclusive Centre for reprographic facilities is available inside the campus to cater to the needs of students as well as staff

### POST OFFICE

Postal Service is available inside the campus and it is useful to the students and staff. The Post Office renders its service to the inhabitants in and around Pullon.

### STATIONERY STORE

A shop that has all kinds of stationery & eatables are available for the benefit of the students.

# Our Eminent Alumni

## Our Eminent Alumni



Mr.CHRISTOPHER TCS, ATLANTA, GEORGIA



Mr.IBRAHIM KHAN FUJAIRAH WATER & POWER PLANT IC ENGINEER , DUBAI



Mr.N.SURESH NTT DATA AMERICAS, PRINCIPAL CONSULTANT BALTIMORE, MARYLAND



Mr.C.P. BALAJI SHELL EASTERN PETROLEUM PVT. LTD. ANALYZER ENGINEER, SINGAPORE



Mr.RICHARD SAMUEL GARLOCK INC, SALES MANAGER, DUBAI



Mr.SANJAY SAUDI ARAMCO, ANALYZER ENGINEER, SAUDI ARABIA

Our Eminent Alumni

# Our Eminent Alumni

### Our Eminent Alumni



Mr.C.GOPALAKRISHNAN WIPRO TECHNOLOGIES, CALIFORNIA



Mr.ARUN PRASANTH ANALYST, NISSAN MOTOR MANUFACTURING (UK)



Ms.MINU REKHA TCS, LONDON, UK



Mr.MADDYBASHA SENIOR SALES OFFICER, TOYOTA, OMAN



Ms.YOGESWARI VIDHYA ENGINEER, AIRLINE CONTROL SYSTEM, AUCKLAND, NEW ZEALAND



Mr.ABISHEK MECHANICAL DESIGN ENGINEER, MAGNOMATICS LTD, SHEFFIELD, UK

Our Eminent Alumni

### Alumni Feedback

During my four years college life I was totally moulded into complete professional by my beloved professors and institutional heads. Method of teaching is well defined and structured. To achieve the target lot of internal and external placement training were conducted which helped me to the core to get placed in "Tata Consultancy Services"

With Best Wishes R.Ramalakshmi Tata Consultancy Services



When I had recently observed the big medal (awarded by Sethu Institute of Technology) in a showcase of the number one IT Industry in India. For a technological innovation, I simply saluted the institute's emblem for its journey in fair reaching destinations. The growth and success of my institute only makes me envy each day, that I am not it's student at this very defining moment of the institute's proud history. A big salute to SIT's success journey and utmost respect to its respect to its philanthropic chairman Mr.S.Mohamed Jaleel, without whom I won't be the person that I am.

> With Best Wishes Chella Ganesan Thangam Senior CAE Engineer Volvo Car Group Gothenberg, Sweden

The college has been making rapid strides in academic performance, infrastructure development, employability of the graduates, service to the society, industry institute interaction and research work. The College has all facilities for the aspiring NRI/Foreign Nationals/OCI/PIO/CIWGC students.

Sethu Institute of Technology is....

A Gateway to Knowledge and Success

**SIT** is a Gateway for world Class Learning! Join **SIT** for Glorious future!

# For NRI / Foreign Nationals / PIO / OCI / CIWGC Admission Contact

Email: nriadmission@sethu.ac.in Mobile: +91 9940963713



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Approved Research Centre for Mech., CSE, ECE, EEE, Civil, Physics & Chemistry by Anna University, Chennai

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Website: www.sethu.ac.in | E mail: principal@sethu.ac.in

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Phone : (0452) 2532215, 2538294 | Fax : (0452) 2538126