

**SRI SAIRAM ENGINEERING COLLEGE  
CHENNAI – 600 044**

**CAPABILITY ENHANCEMENT AND DEVELOPMENT SCHEMES**

Apart from enlightening the academic skills of the students the college has active participation of various club activities. These club activities are conducted with the motto, TEAM-Together Everyone Achieves More. Also these activities create awareness and identify the inner talents of the students and make them successful.

**Club activities:** Several clubs have been formed to develop the student's language, technical and non-technical skills and are functioning actively.

**To name a few:** ECO and Swatch Bharath club, English literature club, Foreign language club, Skill development club, Robotics club, M-apps club, Cyber club, Fine arts club, Entrepreneurship Club, Yoga & Equilibrium & Women Forum.

**Language Lab:**

The Language Laboratory is designed to enhance the overall communication skills of the students. The well equipped lab comprises of 70 systems with internet facility and language lab software which helps the students to hone their aural / oral abilities and learning, listening, speaking, reading and writing (LSRW) skills. It also enables our students to do extremely well in the placement arena.

The language laboratory aims

- To introduce the students a range of self-instructional, learner-friendly modules in language learning
- To familiarize Computer Aided Language Learning to the students, thus providing them with the required facility to face computer-based competitive exams such GRE, TOEFL, GMAT etc.
- To maintain good linguistic competence amidst students through accuracy in grammar, pronunciation and vocabulary.
- To enable them to use language effectively to face interviews, group discussions and public speaking.
- To enhance the job skills of the students in terms of resume preparation, format-making etc.



**Students utilizing the language lab for the LSRW skills**

## Yoga & Equilibrium Club:

The Institution has a very active Yoga club which organizes various lectures, demonstrations and practical sessions for **yoga & Meditation**. The objectives of the club are

- To integrate physical, mental and spiritual consciousness of the students.
- To empower students to support their own health and well-being, in and out of the classroom.
- To enhance focus, concentration, comprehension and memory.
- To enable students to face the life challenges.
- To offer students healthy ways to express and balance their emotions.

For the year 2017, the club activities were inaugurated on 3.8.17. Dr G Alagar Ramanujam, Former Principal, NGM College, Pollachi, & Founder-Chairman, Vethathri Maharishi Ashram, Peralam, delivered the inaugural address on “YOGA & EQUILIBRIUM”. Arulnidhi Thangamani, Founder Pathanjali yoga research centre, Muththamizh nagar, Chennai, gave a demonstration on Pathanjali Yogasanas. Around 40 students got benefited by the session.

**Sairam**  
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**Sri SAI RAM ENGINEERING COLLEGE**  
(NBA Accredited & ISO Certified Institution)  
Sai Leo Nagar, West Tambaram, Chennai - 44

Welcomes you for the  
inauguration of  
**SAIRAM YOGA & EQUILIBRIUM CLUB**  
and a special lecture on  
**யோகமும் வாயுமும்**  
Thursday, 3<sup>rd</sup> August, 2017

*Chief Guests*

<b>Dr. G. ALAGAR RAMANUJAM, Ph.D.,</b> Former Principal, N.G.M. College, Pollachi & Founder Chairman, Vethathri Maharishi Ashram Peralam.	<b>Mr. ARULNIDHI THANGAMANI</b> Founder Pathanjali Yoga Research Center Muthamizh Nagar, Chennai
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**Inaugural Address by Dr G Alagar Ramanujam on 3.8.17**





**Demonstration of Yogasanas by Arulnidhi Thangamani**





**Group of students benefited by the Programme**

#### **Activities of TAP Cell:**

The Training and Placement Cell itself takes care of **Career Counseling, guidance for competitive exams, Soft Skill development**, higher education and Placement.

The Placement Cell of the Institution organizes seminars, talks and events by experts of the relevant fields which help the students to develop their logical and analytical skills. These practices help the students in preparing for the competitive exams. Separate coaching classes are also conducted for UPSC, GATE, GRE & TOEFL exams. Career guidance programme are also arranged at regular intervals.

Exclusive online training portal with the help of a third party vendor “SKILL RACK” and train our students from 2nd year onwards on various niche technologies like C, C++, JAVA, PYTHON, .NET, CLOUD and APP DEVELOPMENT.

The Institution has a structured mechanism for career guidance and placement of its students. Skill rack and Placement hours are allocated in their regular time table itself. Apart from that the Management offers complete week training with external trainers regarding placement. Various prominent companies are visiting the campus every year and the success of the training is reflected in selection of more percentage of students.

#### **Training to the Students**

All the students irrespective of branches studying in our institution are trained from second year onwards to enhance their employability.

All the 2<sup>nd</sup> year students are exposed to an Assessment Test. After a careful analysis of their performance we categorize them into two levels “above average and “average students.”

We pay special attention towards the average students through specially designed training module to bring them up to the level of above average students.

The training is imparted to the students by hiring experts from outside based on the requirements of the company and Current technologies.

We invite Industrial experts to give Guest lectures and Seminar to the students about the Expectation of the Industry, New innovations and Current trend in the industry.

We regularly conduct such programs from the following organizations TCS (Enhancement of Employability), CTS (Evolve), INFOSYS (Campus Connect), Wipro (i2connect).

### **Trainer Selection:-**

To the changing scenario of campus hiring, we do all possible training to transform the students not only in employability but also in deployability.

We have a systematic procedure in choosing our trainers every year.

Every department is assigned with a Placement Coordinator.

Second year, Third year, and Final years are trained for 4,5 and 6 days respectively.

They were all trained in Aptitude, Logical, Quants, Verbal and technical, GD, Mock Interview session, and also in coding skills.

They will be groomed in such a way to face the campus interviews effectively.

### **Students are trained in the modules given below**

- 1 Number System, LCM & HCF
- 2 Percentages
- 3 Time, Speed & Distance
- 4 Time & Work
- 5 Simple Interest & Compound Interest
- 6 Profit & Loss
- 7 Blood Relations & Direction Sense
- 8 Analytical Reasoning
- 9 Non Verbal Reasoning
- 10 Reading Comprehension & Sentence Completion

- 11 Error Spotting & Sentence Correction
- 12 Subject Verb Agreement
- 13 Geometry , Data Interpretation
- 14 Synonyms, Antonyms
- 15 Selecting Words , Spotting Errors
- 16 Syllogism
- 17 Soft Skills
- 18 Group discussion
- 19 interview Myth
- 20 Personal etiquettes

### **Soft Skill Training to Our Students**



**Dr. L. Arunachalam, Dean-Training & Placement Cell addressing our final year UG & PG students on “ Soft Skills and Current Industry Trends” 4.8.16**





**Mr. J. P. Gandhi, Career Consultant addressing our UG students on “Career Guidance on 7.7.16 and 8.7.16**

### **Online Placement portal:-**

We have an exclusive Placement portal to facilitate the campus interview process.

Campus Interaction facilitates the students with lot of online videos regarding the student’s interview experience, personal etiquettes, GD, Puzzle and Department wise test and so on.

We do encourage the students in participating the contest conducted by various experts “Code vita and Testimony” by TATA CONSULANTANCY SERVICES Digital Impact Square, Hackathon, Codeathon, Hackerrank, Hakkerearth, Codechef, Github

### **Higher Studies Advisory bureau:**

- ✓ We have a Higher Study Advisory Cell to guide the students with the strong intention of pursuing higher studies in India and in abroad.
- ✓ The interested students are requested to register with the Training and Placement cell during their initial registration for campus recruitment.
- ✓ The registered students are identified and given special coaching towards the preparation of GRE, TOEFL, GMAT, CAT.

- ✓ We have a regular practice of conducting seminar for higher studies. We invite the delegates from foreign universities to address the students.
- ✓ We have good relationship with all the reputed overseas educational consultancies like Study overseas, Chopras, Study Abroad, IDP, Edwise, Princeton Review, Education Matters and IEC Abroad.
- ✓ We invite professional people to guide our students in choosing the best course of their interest and also guide them in getting VISA & Accommodation at their destination.

### **INNOVATIVE ONLINE TRAINING MODULE**

We are continuously monitoring the changing industrial placement scenario and we want to equip our students to face the changing trend. A traditional way of training the students to crack the aptitude test, group discussion & technical round of interview successfully is not sufficient in the present placement scenario.

All service and manufacturing companies is focusing on technology based hiring and with specific skill set among the students. Some companies are very domain specific expectations from the fresh engineering students. In general all companies wanted to reduce the time and cost towards training after fresher's hiring, since they wanted to deploy all of them in to projects with short term orientation.

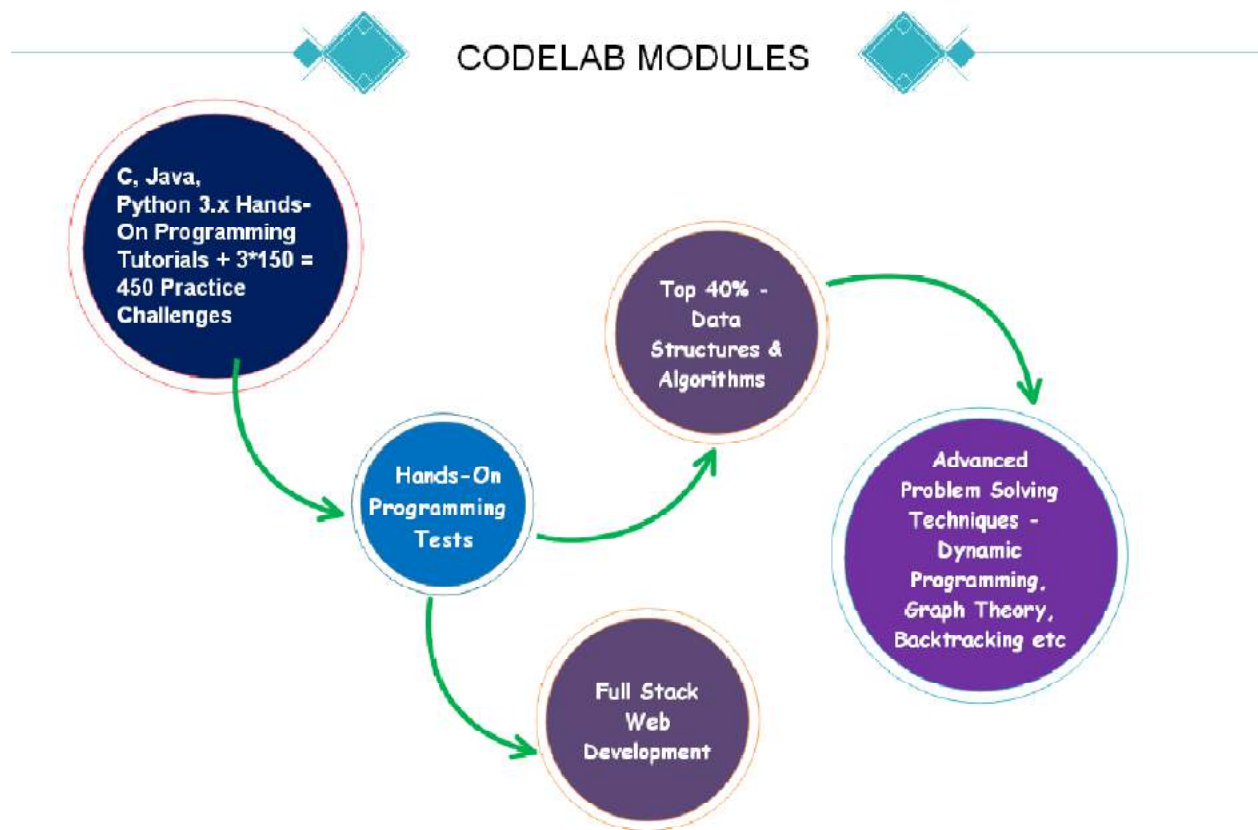
Keeping all the changes into consideration we have developed a unique kind of training program for our students. We have come up with the exclusive online training portal with the help of a third party vendor "SKILL RACK" and train our students from 2<sup>nd</sup> year onwards on various niche technologies like C, C++, JAVA, PYTHON, .NET, CLOUD, APP DEVELOPMENT, ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

We also wanted to enhance the knowledge of our entire faculty in the upcoming technologies to train our students and wanted to use all the efforts and experience of our faculty for this purpose. We have initiated a FDP kind of program through which all faculties are asked to go through the virtual learning and they also took a self assessment. The trained faculties are engaged in training the students in the class room.

#### **VIRTUAL PLATFORM**

The students were given individual user id password to login to the portal where they can practice coding, data structures, algorithms, quantitative, logical, and verbal. They have online tutorial also to clarify all the doubts then and there. They also get more clarifications from the faculty in the lab environment regularly. This will improve the various technology skill set among the students to meet requirements of the changing industrial needs.

We can generate the detailed reports of the performance of the students in an extraordinary format like login details of every student, the time consumed, time taken to solve a particular question, test resume count, hint and solution seen, ranking of recent 'N' test, number of test absent, students strength and weakness report and the students activities are monitored and communicated to the respective students individually.



## Career Counseling activities carried out by TAP Cell

TAP CELL has arranged a special 2 days FDP program exclusively for all Head of the Departments and principal at TATA CONSULTANCY SERVICES HYDERABAD FACILITY on 16<sup>th</sup> of June 2016.



**TAP CELL organized the CUIC - Titan - Hackathon Event at our college on 15-07-2016**



**TAP Cell organized a mega “EDUCATION FAIR” at our college on 28-09-2016**

**TAP CELL in association with ZOHO Corp organized a “ZOHO Creator Certified Associate Program” in two slots for our students of 2018 batch 27-02-2017 to 04-02-2017 & 06-03-2017 to 13-03-2017**



Since 2010 as per our “MEMORANDUM OF UNDERSTANDING” with TATA CONSULTANCY SERVICES this year also we have conducted the “TCS BEST OUTGOING STUDENT AWARD FUNCTION“ in a grand manner on 16-03-2017.



A “Leadership Program” for all our HOD’s on 06-04-2017 at Wipro Sholingallur office.



### Personal Counseling:

The Institution provides excellent Mentoring system. Every faculty of the Institution is a Mentor for 15 to 18 students and counsel them regarding academic, personal, career, and even psycho-social aspects. A well qualified psychiatrist conducts stress relief programmes in the premises.

The faculty members and the Mentors also counsel the students regarding higher education and seminars and talks are also arranged periodically. This helps the students to take decision about their future career.

**Remedial Coaching and Bridge courses:**

Separate special classes are conducted for third semester Lateral entry students. Among the regular students, slow learners are identified and coaching classes are conducted after college hours.

Bridge courses are conducted regularly for lateral entry students to satisfy the pre-requisite of the Engineering curriculum on the subjects Mathematics and English.