

## **CAPACITY DEVELOPMENT AND SKILL ENHANCEMENT ACTIVITIES**

Seethalakshmi Ramaswami College has taken earnest efforts for Capacity Development and Skills Enhancement Initiatives to improve the personal and professional skills of the students. The main aim of the skill enhancement programme is to strengthen the innate capabilities of students and make them self-rooted and enhance their performance to achieve their goals.

### **1. Soft Skill**

#### **Professional Placement Training Programme for UG Students**

The Placement Cell of Seethalakshmi Ramaswami College organizes Career Counselling Programme for the final year students. Every year about 1200 students are benefitted through this programme. Faculty members from colleges and academies, specialized in various fields are invited to train the students which help them compete in the job market. The students are trained on interview techniques, resume writing, communication skills and interpersonal skills. Mock interviews are conducted to boost confidence in students. Constructive feedback based on their performance in the interview is given by the faculty members. The lectures of the career counsellors focus on the expectations of the corporate sectors, necessary skills to be honed by the career seekers and etiquettes to be followed by the career seeking graduates. These features enable the trainees to walk with confidence in the screening tests conducted by the employers. The trainers help the students set realistic goals and to attain them with determination and hard work. To develop subject specific skills various seminar and workshop are also conducted in the college.



S. Gabriel Kennedy, LISA Academy – Resource Person for Short term Professional Placement training

### Soft Skill Activities- 2022-23

Topic	Resource Person
Short Term Professional Placement Training for Undergraduate Students	<p><b>1.Dr G.Ravindren,</b> Former Head Dept.of English St.Joseph’s College, Tiruchirappalli.</p> <p><b>2.Mr R.Alfred Ramesh,</b> Trainer, Life skill Academy Tiruchirappalli.</p> <p><b>3.Dr M.Mahendran,</b> Director-Training, Placement and Corporate Relations, St.Joseph’s College, Tiruchirappalli.</p> <p><b>4.Ms. K. Navajothi</b> CenterInCharge ICICI Foundation for Inclusive Growth ,Tiruchirappalli</p> <p><b>5.Dr.Senthil K Nathan</b> Associate Professor -Cum-Trainer Hallmark Business School Tiruchirappalli.</p> <p><b>6.Dr.B. Arunkumar</b> Assistant Professor Department of Social Work Bishop Heber College, Tiruchirappalli</p> <p><b>7.Mr. S. Rajasekar</b> Competitive Exam Trainer Chinmaya Academy of Management Chennai</p> <p><b>8.Mr. V.R. Sriramadesikan</b> Chief Coordinator, Chinmaya Academy for Civil Services, Executive member Chinmaya Academy of Management Chennai</p> <p><b>9.Mr. K. Arun</b> Corporate Trainer Tiruchirappalli</p> <p><b>10.Ms. M.Umarani</b> CEO, Aspire HR Solutions Madurai</p> <p><b>11.Mr.P. Anand Babu</b> Aptitude Trainer Tiruchirappalli</p> <p><b>12.Prof. Venkatesan Thangavel</b> Director Fifth-Wheel Drive The Education Centre Tiruchirappalli</p> <p><b>13.Dr. A. Vimal Jerald</b> Assistant Professor Department of Computer Science St. Joseph’s College, Tiruchirappalli</p>

Alliance Training programme

**1. C.V.Usharani**

Senior Computer Instructor  
INFO School, Tiruchirappalli.

**2. M.Suchithara**

Senior Computer Instructor  
INFO School, Tiruchirappalli.

**3. R.M.RenukaParameshwari**

Computer Instructor INFO  
School, Tiruchirappalli.

**4. K.Kaviya**

Programmer  
INFO School ,  
Tiruchirappalli.

**5. S.Sivasangari**

Programmer  
INFO School,  
Tiruchirappalli.

**6.S.Janani Sri**

Programmer  
INFO School,  
Tiruchirappalli.

## **Language and Communication Skills**

The English Language Lab was established as early as 2004 at Seethalakshmi Ramaswami College in tie up with Linguaphone to make the I year Part II General English students confident users of English language. In 2007, a state- of- the-art English language lab was constructed in Meda Saraswathi Block with Skillphones providing the software for the programme.

The Language Lab is designed in such a way to create a congenial learning atmosphere for the students to acquire the basic communication skills in English language. To acquire the communication skills in English, students are offered with a 15 hour learning programme. The modules are designed in such a way that the programme lays a strong foundation for the freshers to equip them to learn English at the tertiary level. The modules comprise audio- visual lessons with interactive sessions.

The audio-visual lessons include conversation practice focusing on listening, speaking skills. Emphasis is also laid on ice breaking sessions and vocabulary enhancing, confidence building and personality developing activities. There are also e-content materials developed by the faculties which offer need-based activities and exercises to train the students and build confidence in English communication skills.

The language lab sessions give a strong foregrounding and motivate and develop interest in the learners of English language. It serves as an eye opener for the rural first year students to be in an English speaking, listening environment. The continuous exposure to language learning activities results in equipping themselves with the necessary skills for English language learning.

## Language and Communication Skills Activity - 2022-23

Topic	Resource Person
Bridgecourse in English	<b>Dr. K.T. Tamilmani</b> Associate Professor & Head Department of English Nehru Memorial College, Puthanampatti
Enhancing the listening and speaking skills of College students for Professional competency	<b>Dr. R. Vidhya,</b> Associate Professor and Head, Department of English, Seethalakshmi Ramaswami College, Tiruchirappalli.
Language and Communication Skills	<b>Dr. S. Usha</b> Associate Professor & Head Department of Sanskrit, Coordinator, Centre for Ethics & Human Values Seethalakshmi Ramaswami College Tiruchirappalli, Tamil Nadu, India
Importance of English Language for Biological Students	<b>Dr. Jayanthi</b> Assistant Professor Department of English Madras Christian College Chennai
Communication System in Hospitals	<b>Ms R.Thirishaa</b> II B.Sc Hospital Administration, Seethalakshmi Ramaswami College, Tiruchirappalli
WonderLanguage -Samskrtam	<b>Dr. S. Usha</b> Associate Professor & Head Department of Sanskrit, Coordinator, Centre for Ethics & Human Values Seethalakshmi Ramaswami College Tiruchirappalli, Tamil Nadu, India
Importance of English Language for Biological Students	<b>Dr. Jayanthi</b> Assistant Professor Department of English Madras Christian College Chennai

## Life skill (Yoga, Physical Fitness, Health and Hygiene)

Centre for ethics and human values , Seera's Diet clinic, Vasantham Fitness Club organises regular Yoga and meditation classes for both students and faculty members in order to develop their mental and physical health. The college is celebrating 'International Yoga Day' from 2014 onwards in collaboration with Krishnamacharya Yoga Manthram (KYM) – Chennai. The Departments of Nutrition and Dietetics and Home Science organize many health awareness programmes. Other Departments have also conducted many awareness programme to the students, faculty and public during the Covid Pandemic.

### Like Skill Activities - 2022-23

Topic	Resource Person
Life skill- The Martial Art – Silambam	<b>Ms. S. Sathya,</b> III B.Sc., Botany, Seethalakshmi Ramaswami College, Tiruchirappalli
Yoga for the women students of IT field	<b>Dr.Mrs.T.Suthamathi</b> Associate Professor Physical Education Department, Seethalakshmi Ramaswami College, Tiruchirappalli
Female Adolescent Health	<b>Dr. M. Vinotha MBBS MS</b> OG Senior Assistant Professor, Dept. of Obstetrics and Gynaecology KAPV Government College, Tiruchirappalli
Yoga for Women	<b>Smt. Lakshmi Vibu,</b> Senior Yoga Therapist & <b>Smt. Ambika Athree,</b> Yoga Teacher Krishnamacharya Yoga Mandiram, Chennai
Biomechanical Strategies of performance Enhancement and Injury Prevention in Sports	<b>Dr. T.Suthamathi</b> Associate Professor Department of Physical Education, Seethalakshmi Ramaswami College, Tiruchirappalli
Stress Management Related to Adolescent Mental Health	<b>Dr.S.Sivaraman,</b> Professor and Head, Department of Psychiatry, SRM Medical College Hospital & Research Centre, Tiruchirappalli
Nutrition and Health for Teens	<b>Dr.M.V.Alli,</b> Associate Professor, Department of Nutrition & Dietetics, Seethalakshmi Ramaswami College, Tiruchirappalli.

Millets for Women	<b>Mrs. R.Manasa</b> Assistant Professor Department of Food Science and Nutrition Yuvaraja's College (Autonomous), University of Mysore Mysuru, Karnataka , India
Millets for Health	<b>Dr. Khaleda Islam,</b> Professor & Director, Institute of Nutrition & Food Science Institutes, Dhaka University Campus, Dhaka. <b>Dr. M.Muthamilarasan,</b> Assistant Professor, Department of Plant Science, School of Life Sciences, University of Hyderabad, Hyderabad
Self defence skills	<b>Ms. Shalini</b> II B.Sc Biotechnology Seethalakshmi Ramaswami College, Tiruchirappalli
A life saving skill	<b>Mr.G.Ramesh,</b> Corps Commander (R), St.John Ambulance Brigade, Southern Railway, Golden Rock Corps, Tiruchirappalli
Adolescent Obesity and BMI	<b>Dr.A.Shakila,</b> Associate Professor, Department of Home Science Seethalakshmi Ramaswami College, Tiruchirappalli
Physical and Mental wellness	<b>Dr.G.Sudha,</b> Lecturer, Department of Tamil Seethalakshmi Ramaswami College, Tiruchirappalli.
Yogotsav – Countdown Programme for International Day of Yoga -2022	<b>Dr. V. M. Janakiraman,</b> Director, & <b>S. Sridharan,</b> Former Managing Trustee and Member of the Board of Trustees Morarji Desai National Institute of Yoga, Delhi & Krishnamacharya Yoga Mandiram, Chennai
International Yoga Day Celebration - 2022	<b>Smt. Lakshmi Vibu,</b> Senior Yoga Therapist & <b>Smt. Ambika Athree,</b> Yoga Teacher Krishnamacharya Yoga Mandiram, Chennai

International Womens Day - 2023	<b>Smt.Nrithya Jagannathan,</b> Senior Yoga Therapist and Director, KYM Institute of Yoga Studies, Krishnamacharya Yoga Mandiram, Chennai
Yogotsav – Countdown Programme for International Day of Yoga -2023	<b>Major. Dr. Shiva Kumar,</b> Associate Professor and Director, Department of Physical Education, Urumu Dhanalakshmi College. Physical Education, Urumu Dhanalakshmi College.



## Awareness of Trends and Technology

In the Covid Pandemic situation the technological awareness was a boon to students and faculty.

### SOFTWARE DEVELOPMENT AND PROGRAMMING SKILLS

Seethalakshmi Ramaswami College offers Alliance Training Programme for the students to impart high end software development and programming skills in collaboration with **Info school**, Trichy. This training programme was implemented in the year 2006 to promote digital literacy among the students. Students are well trained in Web designing, desktop publishing and visual basics. They are given hands on training on designing e-books, brochures, hand bills, visiting cards and other printing works. PHP, ASP, NET & VB. NET programming languages are taught. Students are given advanced JAVA programming training to build a deeper understanding of Java programming and Development. This training programme helps students to design websites using applets and different types of mouse listeners. At the end of the training programme students submit their projects applying the knowledge and skills acquired through the programme. Many students are placed in multinational companies through campus interviews. Students are given the Diploma in Information Technology after successful completion of the course. Around 1200 students are benefitted through this programme every year.



## Trends and Technology Activities 2022-23

Topic	Resource Person
Production of Single Cell Protein & Azolla	<b>R. Senthil Kumar,</b> Proprietor of Sri Amman Biocare & Sab Research Academy, Thirukkanurpati-PO, Thanjavur Dt.
Data Engineering (Awareness of trends in Technology)	<b>Dr. V. Vaidehi</b> Associate Professor in Computer Science CHRIST Deemed to be University, Bangalore.
Mobile Technologies	<b>Mr. Rahul Rajappa,</b> Sr. Customer success Manager, Microsoft, Netherlands
Information Security	<b>Mr. Karthik Rajagopalan,</b> Sr. Information Risk Manager, NN Groups, Netherlands
Introduction to SpringBOOT	<b>Mrs. M. Swarnalatha,</b> Sr. Software Engineer, Softeon company, Chennai
Recent Trends in English Language Teaching	<b>Dr. V. L. Jayapaul,</b> Head & Assistant Professor, Department of English, St. Joseph's College (Autonomous), Tiruchirappalli
Ecological Vision in Literature	<b>Dr. Suresh Frederick,</b> Associate Professor & Head Department of English, Bishop Heber College, Tiruchirappalli
Contemporary Literary Theory	<b>Dr. Manu Mangattt Poet ,</b> Author, Visiting Professor, IA 13 USA Certified Life Coach & Academic Counsellor, Kerala
Physics in the age of AI & ML	<b>Dr. M. Sithartha Muthu Vijayan,</b> Senior Scientist , CSIR Fourth Paradigm Institute (CSIR-4P), Bangalore
Energy Materials - Smart Materials for Green Energy Harvesting	<b>Dr. T.C. Sabari Girisun,</b> Assistant Professor, Nanophotonics Laboratory, School of Physics, Bharathidasan University, Tiruchirappalli

<p>FERMI DAY Celebrating 120 Years of Enrico Fermi Webinar 1. Enrico Fermi's Biography 2. Enrico Fermi - Nuclear era</p>	<p><b>C.AbinayaPraarthana</b> I B.Sc. Physics, SeethalakshmiRamaswami College Tiruchirappalli <b>Ms. G.Jayasree</b> II B.Sc. Physics, SeethalakshmiRamaswami College Tiruchirappalli</p>
<p>Energy Materials - Nano Materials for Energy Storage Applications</p>	<p><b>Dr.I. Vetha Potheher,</b> Assistant Professor,Anna University, BIT Campus, Tiruchirappalli</p>
<p>Material Science and Applications" - ICMSA-2023</p>	<p><b>Dr.Abilash Gangula,</b> Assistant Research Professor, Department of Radiology, University of Missouri, USA</p>
<p>Material Science and Applications - ICMSA-2023</p>	<p><b>Dr.K.Marimuthu,</b> Associate Professor, Department of Physics, Gandhigram Rural Institute, Deemed University, Gandhigram</p>
<p>Material Science and Applications - ICMSA-2023</p>	<p><b>Dr.B.Hemanath Kumar,</b> Postdoctoral Fellow, National Taiwan University of Science and Technology, Taipei, Taiwan</p>
<p>Material Science and Applications - ICMSA-2023</p>	<p><b>Dr.Dhananjay Suresh,</b> Assistant Research Professor, Department of Radiology, University of Missouri, USA</p>
<p>Material Science and Applications - ICMSA-2023</p>	<p><b>Dr.Kumuthini Rajendran,</b> Postdoctoral Fellow, Chulalongkorn University,Bangkok, Thailand</p>
<p>Scientific Research and Opportunities for Young people &amp; Faculty Members</p>	<p><b>Prof.M.Lakshmanan,</b> Professor of Eminence &amp; DST-SERB National Science Chair, Department of Nonlinear Dynamics, School of Physics, Bharathidasan University, Tiruchirappalli</p>
<p>Early Cancer Diagnosis – an Overview</p>	<p><b>Dr. M.Subha Nandhini,</b> MBBS, MD (Radiology), Mohan Kumaramangalam Medical College, Salem,</p>

Morphological Taxonomy and Live Feed Importance of Zooplankton	<b>Dr.N.Manickam,</b> Research Associate(DBT.Govt. of India) Marine Planktonology & Aquaculture Laboratory, Dept. of Marine Science, School of Marine Science, Bharathidasan University, Tiruchirappalli
Integrated Farm Management for Sustainable Agriculture	<b>Dr. Naveen Krishnnan,</b> President, Global Nature Foundation, Musuri
Impact of Global Warming	<b>Dr. Naveen Krishnnan,</b> President, Global Nature Foundation, Musuri
Reproductive toxicology and toxicology genomics	<b>Dr. S. Achiraman</b> Assistant Professor Department of Environmental Biotechnology Bhrathidasan University Tiruchirappalli
Modulation of Immunogenicity by SARS- Cov 2 relavant module	<b>Dr. Karthikeyan Subbarayan</b> Researcj Scientist, Medical Faculty, Institute of Medical Immunology, Martin-Luther-University, Halle-Wittenberg, Halle (Saale), Germany
Senses to Synapses	<b>Dr. Priyadharishini Veeraraghavan,</b> Post Doctoral Researcher Department of Anatomy and Cell Biology University of Iowa USA
G-Protein coupled receptor P2Y10 facilitates CD4 T Cell function through auto/Paracrine mediators	Dr.Malarvizhi Gurusamy Prof. Doctoral Scientist Department of Tissue Morphogenesis, Max Planck Institute for Molecular Biomedicine, Muenster, Germany
Developmental of renewable biobutanol production from marine biomass via genetically engineered Clostridium sp. WST	Dr.Sabarathinam shanmugam, Post Doctoral Fellow, Microbial Biotechnology, Estonian University of Life Sciences, Tartu, Estonia
Deciphering mechanistic insights in to abelson tyrosine kinase binding	Dr. Rajesh Sonti Assistant Professor, Department of Pharmaceutical Analysis NIPER Hyderabad, Balanagar, Hyderabad INDIA.

Entrepreneurial biology in protocols in Executive Decisions	COL. DR. Jyotirmaya Satpathy, Professor, College of Management and Commerce, Srinivas University, Mangaluru,
Biofertilizer as a tool for agricultural sustainability	Dr.N. Hemashenpagam, Professor, Hindusthan College of Arts and Science, Coimbatore, Tamil Nadu, India.
DNA finger printing	Ms. Tanima Debnath Sarkar, Research Scholar, Department of Zoology, Annamalai University, Chithambaram
Digital transfiguration in Hospitals	<b>Ms S.Sironsha</b> III B.Sc Hospital Administration Seethalakshmi Ramaswami College, Tiruchirappalli
Basic Computer Concept and Internet for non Computer Science Students	<b>1. C.V.Usharani</b> Senior Computer Instructor INFO School , Tiruchirappalli. <b>2.M.Suchithara</b> Senior Computer Instructor INFO School , Tiruchirappalli.
Certificate Course C&C++ JAVA for Hostel Students	<b>1.M.Suchithara</b> Senior Computer Instructor INFO School , Tiruchirappalli. <b>2.R.M.Renuka parameshwari</b> Computer Instructor INFO School , Tiruchirappalli.
Diploma in Information Technology for Computer Science & BCA Students	<b>1. C.V.Usharani</b> Senior Computer Instructor INFO School , Tiruchirappalli. <b>2.S.Janani sri</b> Programmer INFO School , Tiruchirappalli.
Canva design skills for students	<b>1.Ms. L. Rishikaa</b> <b>2.S. Suvaethalakshmi</b> III B.Sc., Botany Seethalakshmi Ramaswami College, Tiruchirappalli

Tamil Softwares

**Ms.K.Sangeetha ,**  
Alumnae - Department of Tamil  
Seethalakshmi Ramaswami College,  
Tiruchirappalli