

**SREE SOWDAMBIKA COLLEGE OF ENGINEERING**

**(AN ISO 9001:2008 CERTIFIED INSTITUTION)**

**CHETTIKURICHI-626 134, ARUPPUKOTTAI.**

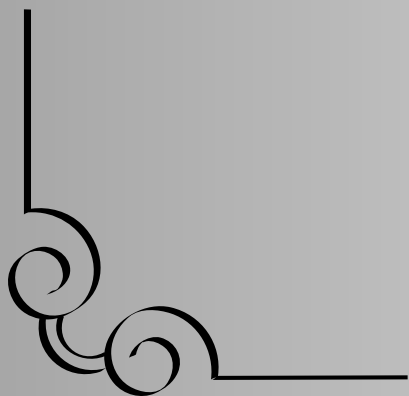


*"The human foot is a masterpiece of engineering and a work of art."*

**ETHEREAL'20**

**College Magazine**

**2021-2022**



## BOARD OF MANAGEMENT



**Thiru V Veerapathiran**  
president



**Thiru P.Sivasubramaniam**  
secretary



**Thiru R.Devaraj**  
Treasurer

## EXECUTIVE MEMBERS

Thiru.A.P.Kamraj

Thiru.S.Kameshwaran

Thiru.M.Balchandarabalan

Thiru.M.Somasudaram

Thiru.S.Mohan

Thiru.A.J.S.Prasanna

Thiru.A.Krishnamoorthy



**Dr. K. Arulmoshi**, B.E., M. Tech., Ph.D.  
Principal



## ANNALS OF THE COLLEGE

Sree Sowdambika College of Engineering is a self-financing educational institution sponsored by Chockalingapuram Devangar Varthagar Sangam, a well established service organization started in the year 2000-2001 with a view to offer the highest standards of technical education of the young generation to meet the challenges of the future. The college is approved by AICTE, New Delhi and affiliated to Anna University, Chennai. The basic academic philosophy of the Institution is to provide quality technical education to the poor students at an affordable cost and to help them to get placed in good position.

## LOCATION

The college is located on the 5<sup>th</sup> kilometer of Aruppukottai-Thoothukudi National Highway (NH45B). The college is situated on the Western side of the Highway in the sprawling area of 58.4 acres in Chettikurichi, Aruppukottai, Virudhunagar District.

## VISION

To strive continuously for excellence in education, research, technology and inter-disciplinary collaboration to meet the changing needs of the society.

## MISSION

To develop high quality technical education through research and innovation in education by adapting the students to changing technological environment with the highest ethical values as an innate conscience.

## LIBRARY

The College is accommodated with a spacious and well equipped modern library with a good collection of more than 23,000 books pertaining to all branches. The library subscribes to a large number of National and International Magazines and Journals and IEEE (ASPP) 161 Journals, ASME (Mech) 27 Journals, ASCE (Civil) 35 Journals, Springer (EEE,ECE,CSE) 149 Journals, Mcgraw Hill Access Engineering, ELSEVIER (Engg.+ Comp. Science), ASTM, J.Gate and Delnet. Apart from the general library, each department is provided with a department library consisting of standard textbooks for the benefit of staff and students.

## COURSES OFFERED

### UG Courses

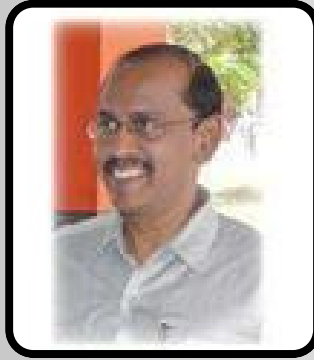
- Civil Engineering
- Computer Science and Engineering
- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Mechanical Engineering

## ABOUT COLLEGE



Sree Sowdambika College of Engineering established in 2000-2001 is an educational Institution promoted by the philanthropic “Chockalingapuram Devangar Varthaga Sangam“, founded in 1919 by our prophetic forefathers. Understanding the need for higher education, the trust started Sri Sowdambika Polytechnic College in 1984 -1985 and Sri Sowdambika Convent Matriculation School in 1986-1987. Sree Sowdambika College of Engineering is an ISO 9001:2015 certified institution. The board of Management constituted by the Chockalingapuram Devangar Varthaga Sangam helps in the development of the institution with a missionary Zeal.

## ABOUT PRINCIPAL



**Dr.K.Arulmozhi, M.Tech,Ph.D**

### PROFILE OF THE PRINCIPAL

Dr.K.Arulmozhi, Principal of Sree Sowdambika College of Engineering is an outstanding personality in the academic excellence. He had his schooling at Aruppukottai. Obtained his Master Degree in Instrumentation Engineering, he did his M.Tech Degree and completed his M.Tech in CS and IT from M.S.University, Tirunelveli. Previously, he did his research and received Ph.D Degree from Birla Institute of Technology and science, Pilani. He is active member of the Academic Council Member of Anna University, Tirunelveli, Executive Member of Sports Council, Anna University, Chennai and Vice – Chairmen of Pothigai IEEE subsection. He had conducted several International Engineering Conference. Recently he has assumed his office as the Principal of Sree Sowdambika College of Engineering.

### Message from the Principal's Desk:

Genuine concern of our institution is to ensure students emotional growth along with intellectual excellence. This empowers them to develop their self esteem, self awareness and self confidence. Hence we teach students, the importance of tolerance and respect for each other's language and culture. Discipline, values and integrity are the foundation of this Institution. Our vision is to produce conscientious, confident citizens of India who will go out into the world and make us proud

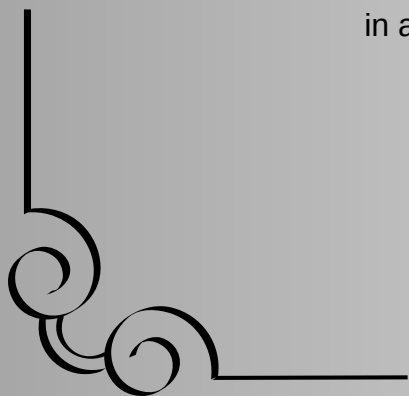
## VISION OF THE INSTITUTION

To enhance the Technical Education in the minds of socially deprived- rural students and to adapt them to the contemporary competing climate to uplift their families to the lime – light by instilling human values and ethics.

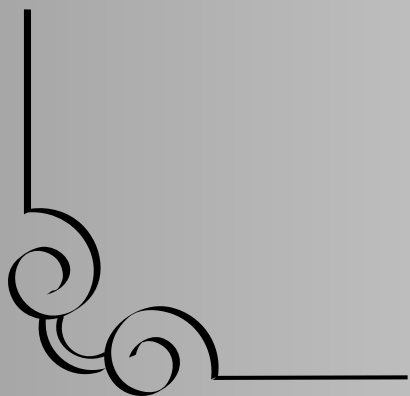
## MISSION OF THE INSTITUTION

Our mission is to inculcate the insights of innovations in the field of engineering among the students through which they attain the capability to cope up with the recent developments in engineering and technology with ethical values.

- To achieve the innovative skills we impart scientific methods of teaching-learning.
- To cope up with the recent developments we instill nuances of changing technology.
- To attain the capability of the students, communication skills and interpersonal skills are being taught.
- To build and create the institutions practices with an internally stable framework of principles that need to focus directly, truthfully and ethically in all dimensions.



# DEPARTMENTAL REPORT





Ms.M.Petchiammal,ME.

**Head of the Civil Engineering  
Department**

**Dear Readers,** It's with great pleasure that I welcome you to the latest edition of our college magazine. Within these pages, you'll discover the incredible work of our faculty, researchers, and students as we continue to push the boundaries of innovation in civil engineering. From sustainable infrastructure solutions to advancements in urban planning, each article showcases our commitment to excellence and our dedication to making a positive impact on society. We're proud to share our latest projects, collaborations, and achievements with you, our valued readers. As you delve into the magazine, I encourage you to reflect on the profound impact that civil engineering has on our daily lives and the world around us. Together, let's celebrate the transformative power of engineering and inspire the next generation of innovators.

#### DEPARTMENT LAB



Mr.A.Jahubar sadhik ,ME

**Head of the Mechanical Engineering  
Department**

**"Dear Readers,** I am delighted to extend a warm welcome, you'll find a wealth of captivating content that showcases the ingenuity, passion, and dedication of our department's faculty, researchers, and students. We take great pride in our commitment to advancing the frontiers of mechanical engineering and addressing some of the most pressing challenges facing our world today. Together, we will continue to push the boundaries of what's possible and inspire the next generation of mechanical engineers to dream big and make a difference. Thank you for joining us on this journey of discovery, innovation, and impact.

## DEPARTMENT LAB



Dr. Renuga. ME, Phd.

**Head of the Electrical and Electronic Engineering Department**

**Dear Readers,** It is with great pleasure that I extend a warm welcome to you to the latest edition of our Electrical and Electronic Engineering (EEE) Department's magazine. Within these pages, you will find a rich tapestry of articles, showcasing the remarkable achievements, ground breaking research, and innovative projects that define our department's ethos of excellence. The field of electrical and electronic engineering is at the forefront of technological innovation, shaping the way we live, work, and communicate in the modern world. In this magazine, we aim to provide you with a glimpse into the diverse range of endeavours undertaken by our faculty, researchers, and students as they continue to push the boundaries of knowledge and make meaningful contributions to society. I extend my sincere appreciation to our faculty, staff, students, and collaborators for their tireless efforts and unwavering commitment to excellence. Together, we will continue to inspire innovation, foster creativity, and cultivate the next generation of leaders in electrical and electronic engineering. Thank you for joining us on this journey of exploration and discovery.

## DEPARTMENT LAB





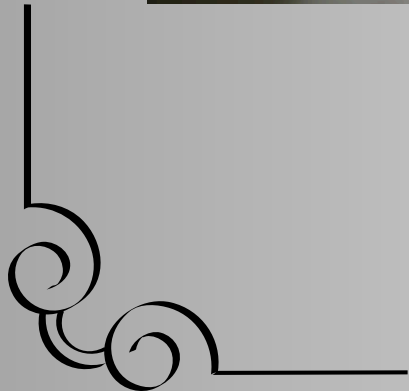


Mr.M.Elayaraja,ME.

**Head of the Electronics and  
Communication Engineering  
Department**

**Dear Readers,** I am delighted to extend a warm welcome to you as we unveil the latest edition of our college magazine. Within these pages, you will embark on a journey through the captivating world of electrical and computer engineering, exploring the innovative research, transformative projects, and remarkable achievements that define our department's mission. ECE is a dynamic field at the intersection of technology and society, driving progress and innovation in virtually every aspect of our lives. In this magazine, you will encounter a diverse array of articles showcasing the ground breaking work of our faculty, researchers, and students as they push the boundaries of knowledge and contribute to the advancement of our discipline. I extend my heartfelt gratitude to our faculty, staff, students, and partners for their dedication, passion, and contributions to our department's success. Together, we will continue to inspire creativity, drive innovation, and empower the next generation of leaders in electrical and computer engineering. Thank you for joining us on this journey of exploration, discovery, and impact.

#### DEPARTMENT LAB





Dr.Muthukumar,ME,Phd.

## **Head of the Computer Science and Engineering Department**

**"Dear Readers,** It is with great pleasure that I welcome you to the latest edition of our college magazine. Within these pages, you will embark on a journey through the exciting world of computer science and engineering, exploring the innovative research, ground breaking projects, and inspiring achievements that define our department's ethos of excellence.

Computer science and engineering is at the forefront of technological innovation, driving progress and shaping the future in profound ways. In this magazine, you will find a diverse range of articles that

highlight the cutting edge work of our faculty, researchers, and students as they push the boundaries of knowledge and harness the power of technology to address complex challenges. I extend my heartfelt gratitude to our faculty, staff, students, and partners for their dedication, passion, and contributions to our department's success. Together, we will continue to inspire innovation, drive progress, and empower the next generation of leaders in computer science and engineering. Thank you for joining us on this journey of exploration, discovery, and impact.

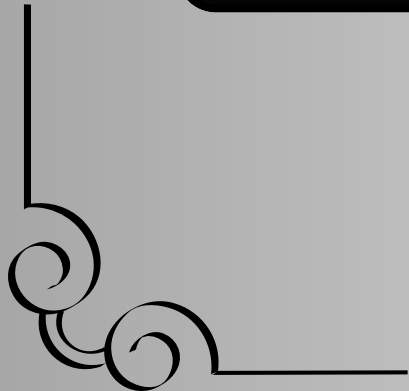
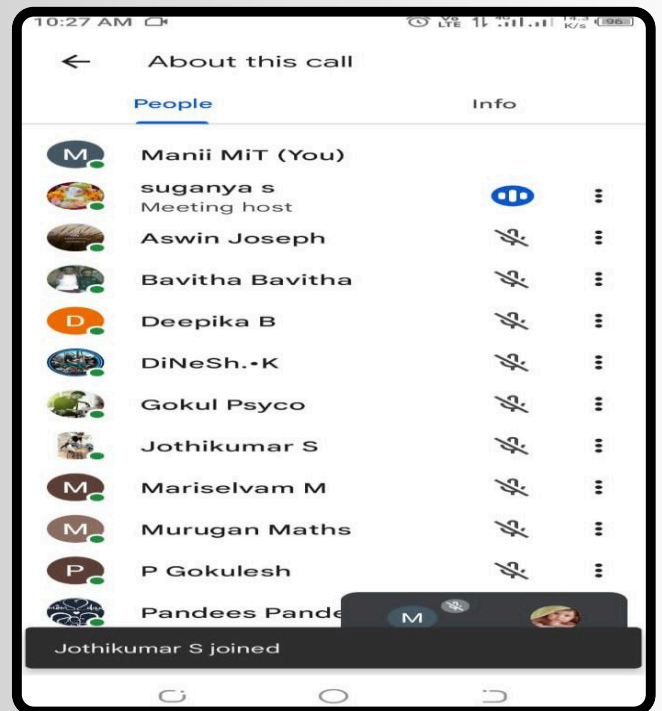
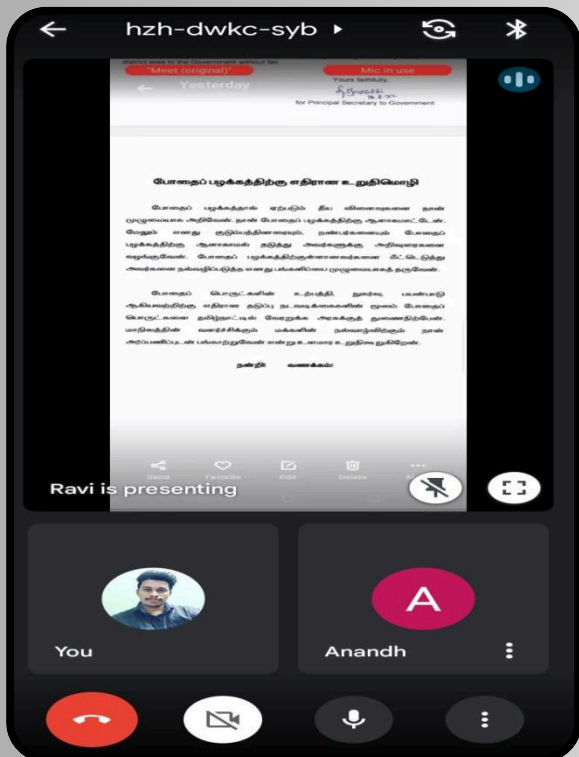
### **DEPARTMENT LAB**

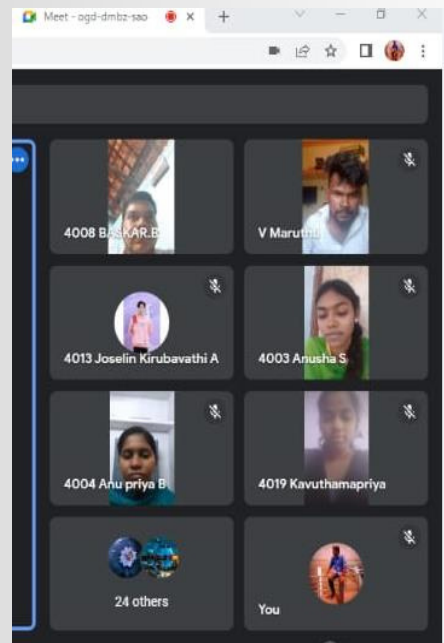
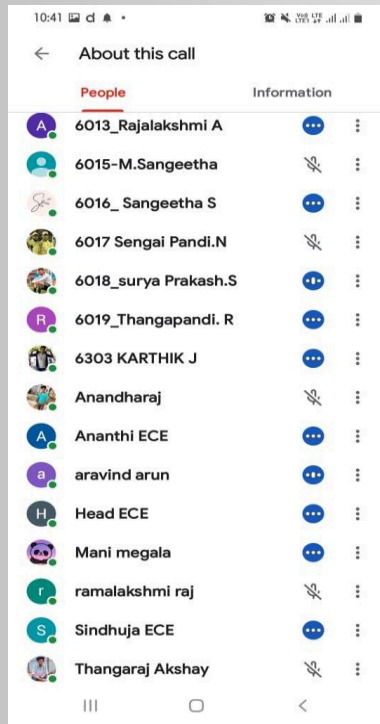
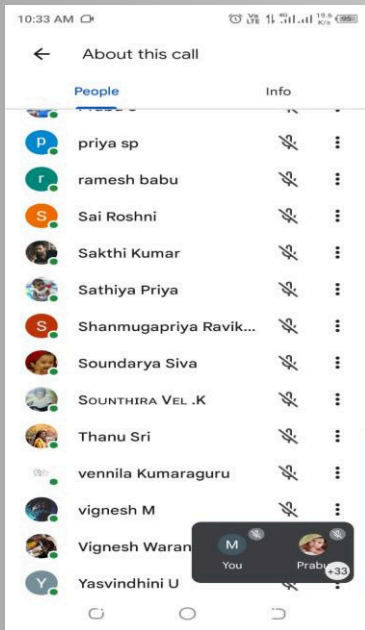


# Anti-Drug Committee



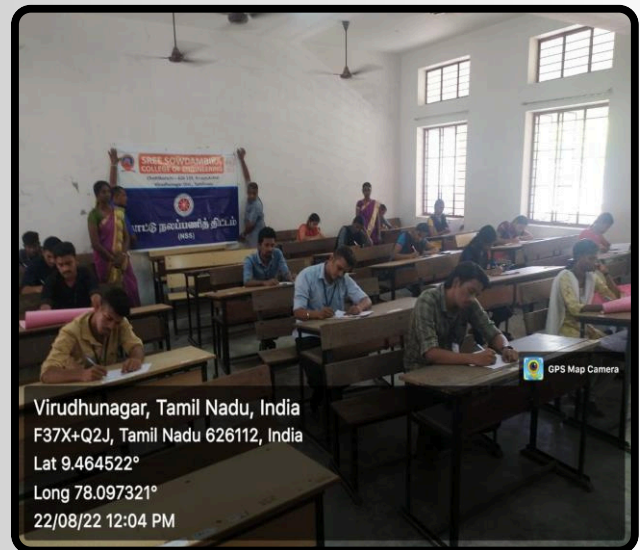
***“Purify and strengthen the personality through guidance against Drug”***





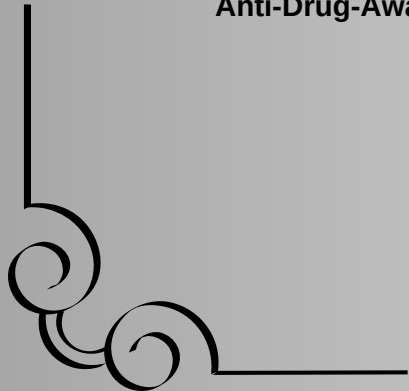
**Anti-Drug-Awareness Pledge program for the all department students on 11/08/2022**

**Resource Person: All Department HOD's**



**Anti-Drug-Awareness “Slogan writing and short film contest” for the all department students on 22/08/2022**

**Resource Person: Dr.R.Sivasangari, HOD/EEE**

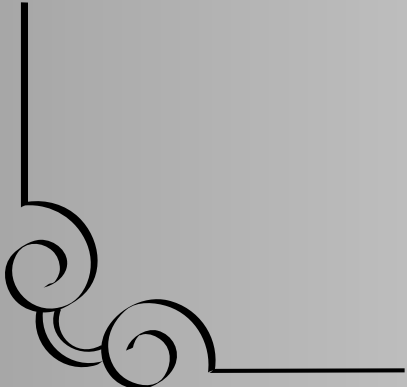




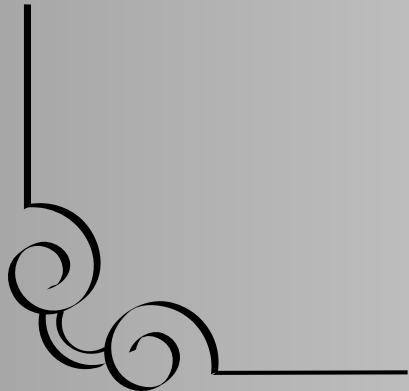
Virudhunagar, Tamil Nadu, India  
Block E, NH 45B, Tamil Nadu 626112, India  
Lat 9.463603°  
Long 78.09694°  
29/12/21 10:50 AM



Virudhunagar, Tamil Nadu, India  
Block E, NH 45B, Tamil Nadu 626112, India  
Lat 9.463603°  
Long 78.096941°  
29/12/21 10:51 AM



NCC



NSS



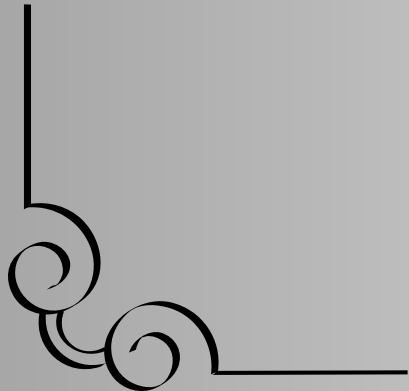
BLOOD DONATION



CORONA AWARENESS PROGRAMME



TREE PLANTATION PROGRAMME







Aruppukkottai, Tamil Nadu, India  
 G443+R9P, Chokkalingapuram, Aruppukkottai, Tamil Nadu  
 626101, India  
 Lat 9.506539°  
 Long 78.103807°  
 16/09/22 10:37 AM

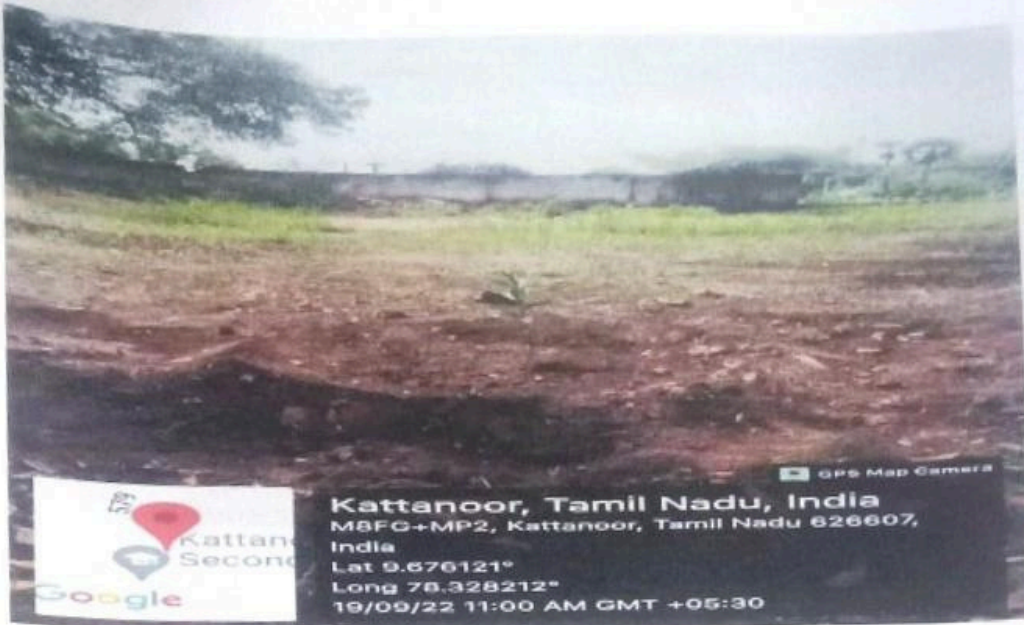
DEVANGAR BOYS' HIGHER SECONDARY SCHOOL-ARUPPUKOTTAI.



Aruppukkottai, Tamil Nadu, India  
 G442+7VP, E Car St, Chokkalingapuram, Aruppukkottai, Tamil  
 Nadu 626101, India  
 Lat 9.505806°  
 Long 78.102547°  
 16/09/22 11:01 AM

DEVANGAR GIRLS' HIGHER SECONDARY SCHOOL-ARUPPUKOTTAI

PRINCIPAL  
 SREE SOWDAMBIKA COLLEGE OF ENGG  
 CHETTIKURICHI - 626 134, ARUPPUKOTTA.



Kattanoor, Tamil Nadu, India  
M8FC+MP2, Kattanoor, Tamil Nadu 626607, India  
Lat 9.676121°  
Long 78.328212°  
19/09/22 11:00 AM GMT +05:30

GOVERNMENT HIGHER SECONDARY SCHOOL -KATTANOOR



Irunchirai, Tamil Nadu, India  
J8PQ+QFP, Irunchirai, Tamil Nadu 626612, India  
Lat 9.637028°  
Long 78.338708°  
19/09/22 11:33 AM GMT +05:30

GOVERNMENT HIGH SCHOOL -IRUNCHIRAI



PRINCIPAL  
SREE SOWDAMBIKA COLLEGE OF ENGG  
CHETTIKURUCHI - 626 134, ARUPPUKOTTA.



RC HIGHER SECONDARY SCHOOL-VIRUDHUNAGAR



SUBBAIAH NADAR HIGHER SECONDARY SCHOOL-VIRUDHUNAGAR

PRINCIPAL  
 SREE SOWDAMBIKA COLLEGE OF ENGG  
 CHETTIKURUCHI - 629 134, ARUPPUKOTTA.



GPS Map Camera  
**Ramasamy Nagar, Tamil Nadu, India**  
F4XR+RH2, Arungulam - Parthibanur - Vilathur Rd,  
Ramasamy Nagar, Tamil Nadu 626105, India  
Lat 9.499146°  
Long 78.14136°  
09/09/22 11:27 AM GMT +05:30

GOVERNMENT HIGH SCHOOL-KULASEKARANALLUR



GPS Map Camera  
**Ramasamy Nagar, Tamil Nadu, India**  
F4XR+RH2, Arungulam - Parthibanur - Vilathur Rd,  
Ramasamy Nagar, Tamil Nadu 626105, India  
Lat 9.499281°  
Long 78.141332°  
09/09/22 11:27 AM GMT +05:30

GOVERNMENT HIGH SCHOOL-KULASEKARANALLUR



PRINCIPAL  
SREE SOWDAMBIKA COLLEGE OF ENGG  
CHETTICKURICHI - 626 134, ARUPPUKOTTA.

**SREE SOWDAMBIKA COLLEGE OF ENGINEERING  
CHETTIKURICHI, ARUPPUKOTTAI  
ACADEMIC CALENDAR 2021-2022(ODDSEM)**

**AUGUST'21**

SUN	MON	TUE	WED	THU	FRI		SAT
				18	19	20	21
22	23	24	25	26	27	28	
29	30	31					

**SEPTEMBER'21**

SUN	MON	TUE	WED	THU	FRI		SAT
				1	2	3	4
5	6	7	8	9	10	11	
12	13	14	15	16	17	18	
19	20	21	22	23	24	25	
26	27	28	29	30			

18- Reopening for higher semester  
22, 28-Weekend holiday  
19-Muharram  
21-onam

10-Vinayagar Chaturthi  
4,11,18,25 -Weekend holiday

**OCTOBER'21**

SUN	MON	TUE	WED	THU	FRI		SAT
						1	2
3	4	5	6	7	8	9	
10	11	12	13	14	15	16	
17	18	19	20	21	22	23	
24	25	26	27	28	29	30	
31							

**NOVEMBER'21**

SUN	MON	TUE	WED	THU	FRI		SAT
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
15	16	17	18	19	20	21	
21	22	23	24	25	26	27	
28	29	30					

2-Gandhi Jeyanthi  
 9,16,23,30-Weekend Holiday  
 2-Gandhi Jayanthi  
 15-Pooja Holidays  
 19-Milad un-Nabi

4,5,6,7-Diwali Holidays  
 14,21,27-weekend Holidays  
 8-First Year Induction Program  
 22-First Year classes started

### DECEMBER'21

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4						
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

4,11,18,-Weekend Holiday  
 25-Chirstmas

### JANUARY'22

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

1-New year  
 13,14,15-pongal holidays  
 26-Republic day  
 8,15,22,29-weekend holidays  
 20-Last working day for higher semester

### February'22

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

6,13,20,27-Weekend Holiday

### March'22

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

8-Last Working day for first year  
 5-Weekend Holiday