

SREE SOWDAMBIKA COLLEGE OF ENGINEERING

(AN ISO 9001:2008 CERTIFIED INSTITUTION)  
CHETTIKURICHI-626 134, ARUPPUKOTTAI.

GALACTIC' 20

COLLEGE MAGAZINE



2020-2021

*"As engineers, we were going to be in a position to change the world -  
not just study it."*

## BOARD OF MANAGEMENT



**Thiru V Veerapathiran**  
president



**Thiru P.Sivasubramaniam**  
secretary



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Treasurer

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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

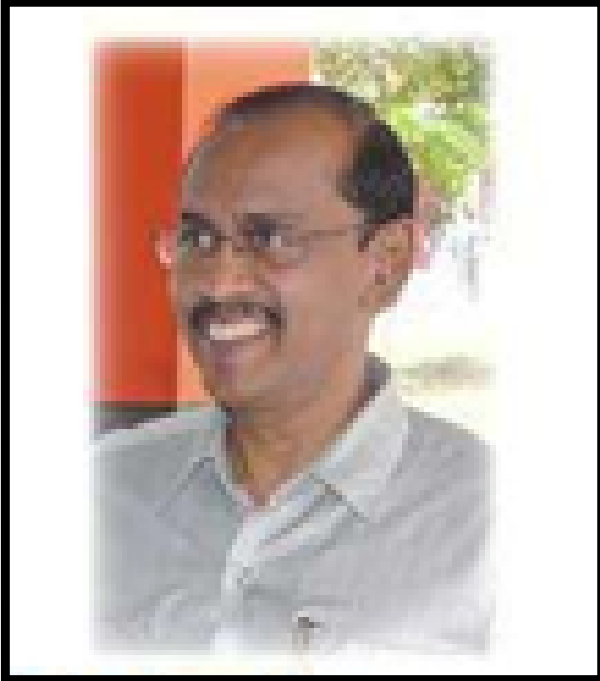
# ABOUT COLLEGE



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 one more gem in their service to education. 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:

At SSCE then, we believe that 'education' is a wholesome, holistic exercise and as such we strive to give a whole new meaning to the word. Coupling this basic premise with the idea of a sense of belonging to one family the SSCE family we look at ourselves as 'care-givers.' We care for the mindours is a sterling academic institution; we care for the person the accent is on the all-round development of personality. I wish you the best in the process of seeking to become a part of this family.





## 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

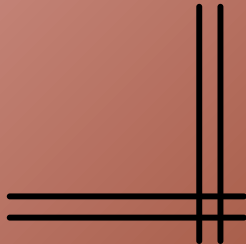
Our mission is to inculcate the insights of innovations in the field of engineering among the students through which they attain the capability to cope up with the recent developments in engineering and technology with ethical values.

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.



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2020-2021

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# DEPARTMENTAL REPORT



**Ms.M.Petchiammal,ME.**

Head of the Civil 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.

**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.



**Mr.A.Jahubar sadhik ,ME**

Head of the Mechanical Engineering Department

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2020-2021

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**Dr. Renuga. ME, Phd.**

Head of the Electrical and  
Electronic Engineering  
Department

**Dear Readers,** It is with great pleasure that 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.

**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.



**Mr. M. Elayaraja, ME.**

Head of the Electronics and  
Communication Engineering  
Department



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2020-2021

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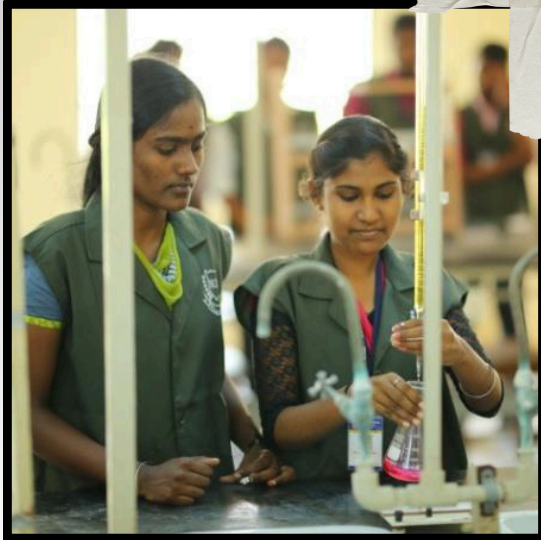
**Dr.Muthukumar,ME,Phd.**

Head of the Computer Science and Engineering Department

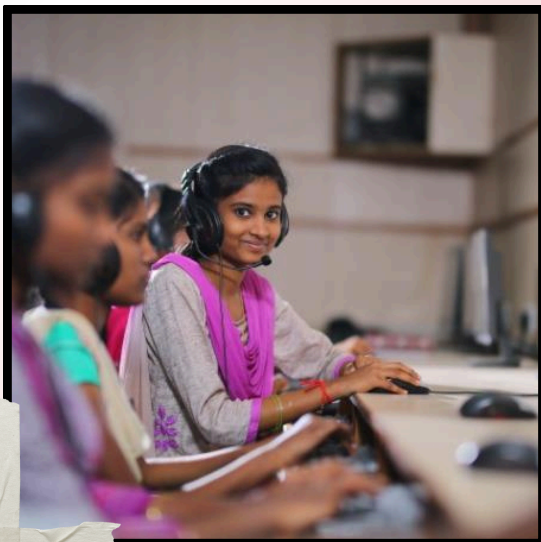
**"Dear Readers,** It is with great pleasure that I welcome you to the latest edition of our college magazine. Within these pages, you will embark on a journey through the exciting world of computer science and engineering, exploring the innovative research, ground breaking projects, and inspiring achievements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

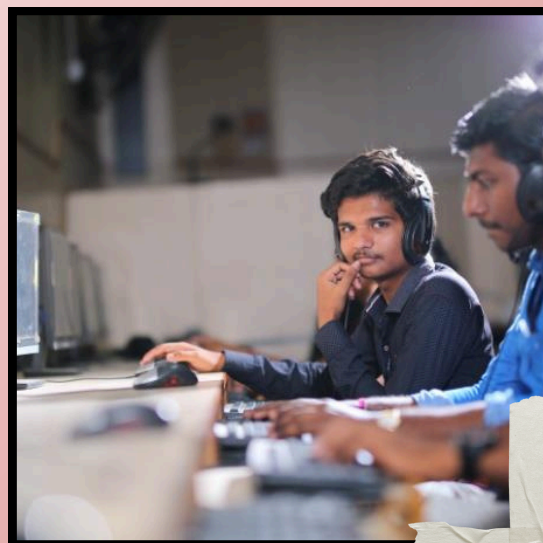
# DEPARTMENTAL LABS

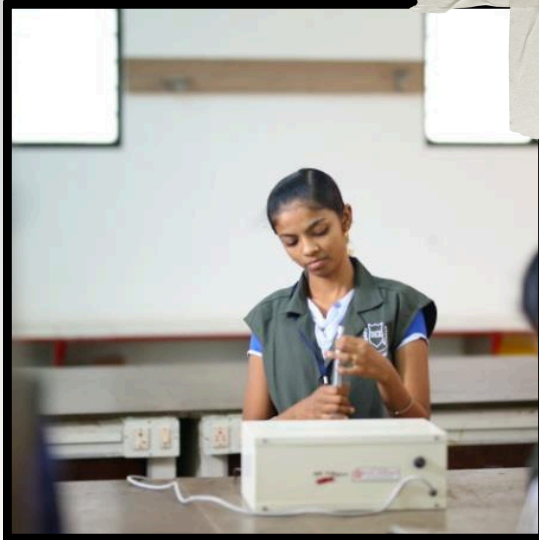


CHEMISTRY LAB

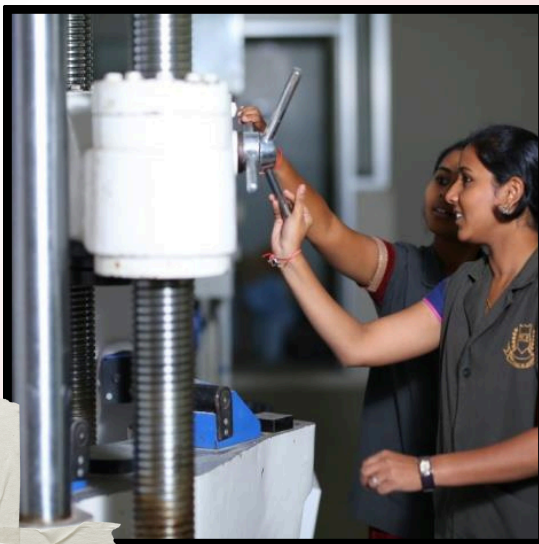
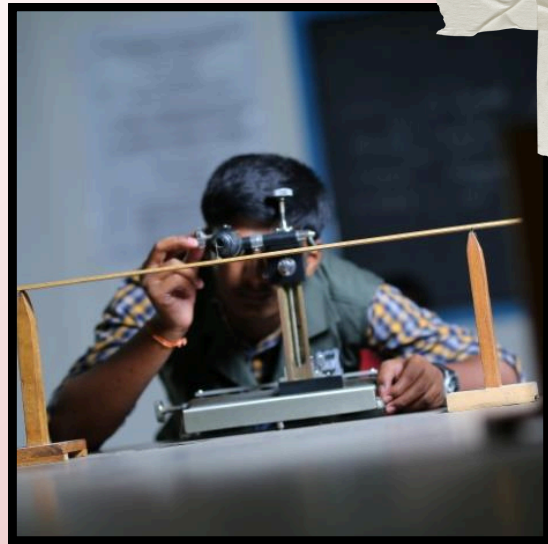


LANGUAGE LAB





PHYSICS LAB



DEPARTMENT OF CIVIL  
ENGINEERING







DEPARTMENT OF MECHANICAL  
ENGINEERING

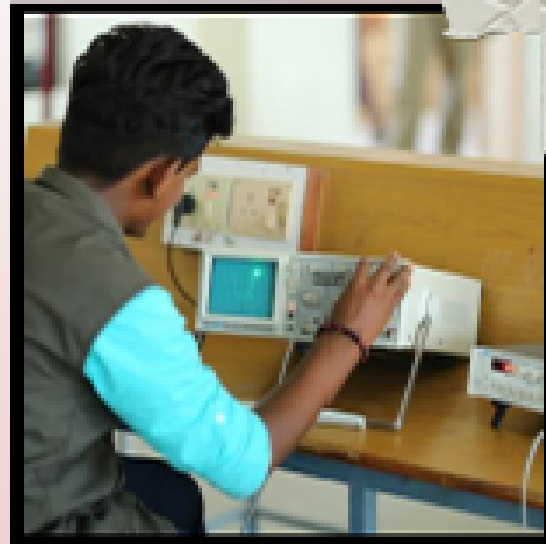


DEPARTMENT OF ELECTRONICS  
AND COMMUNICATION  
ENGINEERING





DEPARTMENT OF ELECTRICAL AND  
ELECTRONICS ENGINEERING



DEPARTMENT OF COMPUTER  
SCIENCE ENGINEERING





# COLLEGE ACTIVITIES





NCC



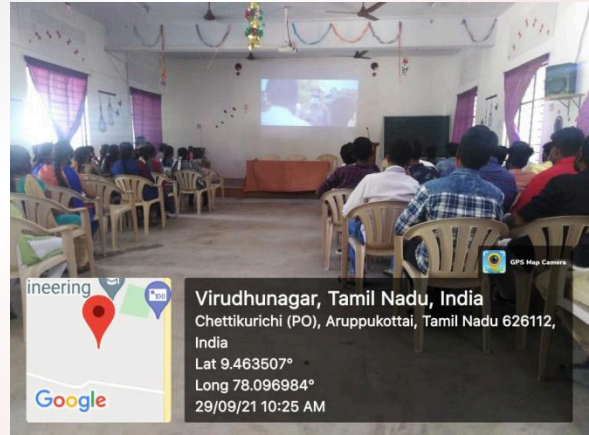
TREE PLANTATION

NSS

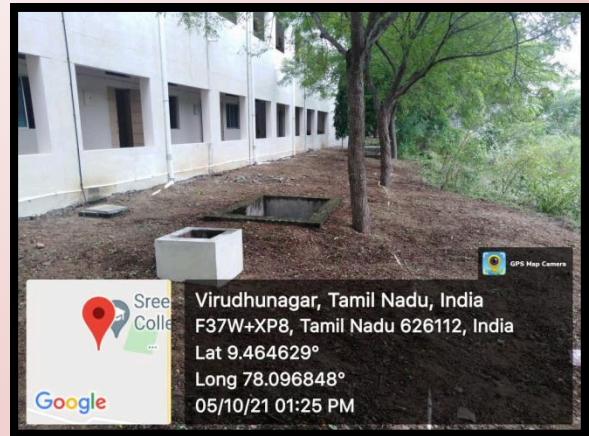


KABASURA KUDINEER  
AWARENESS  
PROGRAMME





### CORONA AWARENESS PROGRAMME



### CAMPUSE CLEANING



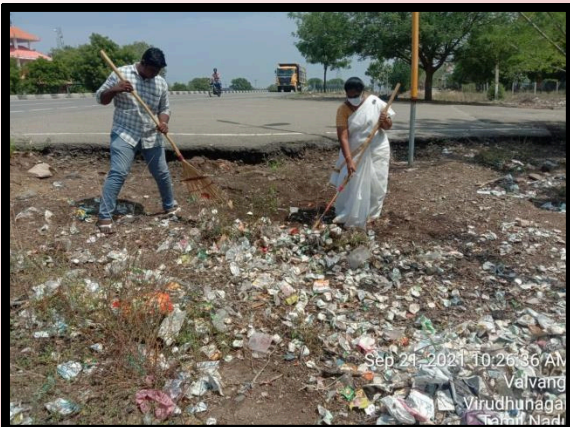
### WATER CONSERVATION PROGRAMME



# STUDENTS WELFARE COUNSELLING CELL



# SWACHH BHARATH MISSION

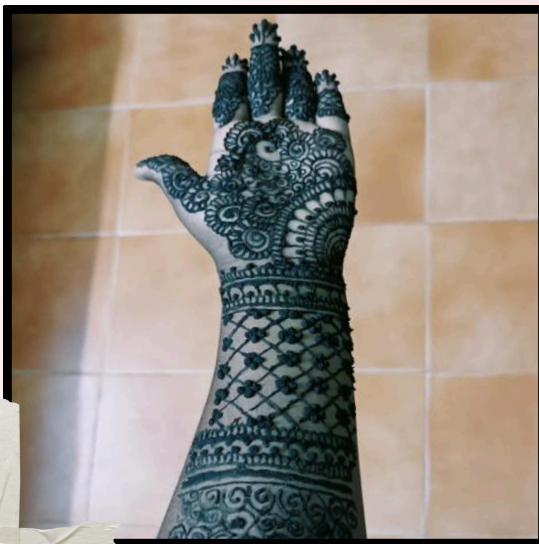




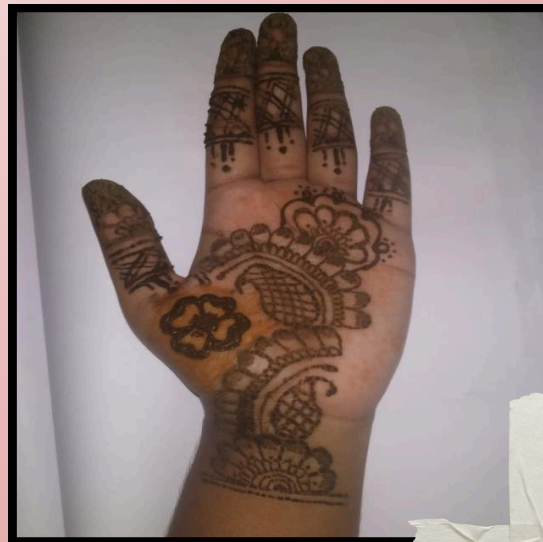
# FINE ARTS CLUB



ATR FROM WASTE  
COMPETITION

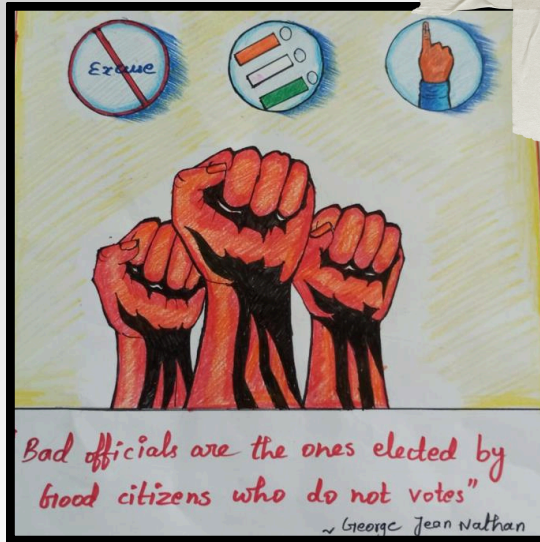


MEHANDI DESIGN COMPETITION



# FINE ARTS CLUB

## POSTER DESIGN COMPETITION



## VEGETABLE CARVING COMPETITION



## RANGOLI COMPETITION



## SOLO SINGING COMPETITION

SREE SOWDAMBIKA COLLEGE OF ENGINEERING  
CHETTIKURICHI, ARUPPUKOTTAI  
ACADEMIC CALENDAR 2020-2021(ODDSEM)

AUGUST'20

SUN	MON	TUE	WED	THU	FRI	SAT
			12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

12- Reopen for higher semester  
15,22,29-Weekend holiday  
15-Independence day  
22- Vinayagar Chathurthi  
30-Muharram  
31-onam

SEPTEMBER'20

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			

5,12,19,26 -Weekend holiday

OCTOBER'20

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

2-Gandhi Jeyanthi  
3,10,17,24,31-Weekend Holiday  
25-Dussehra  
30-Milad un-Nabi  
26-Last Working day for higher semester

NOVEMBER'20

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				

16-Reopening for lateral entry  
14,15-Diwali Holidays  
30-GuruNanak Jayanthi  
23-college opening for First year



DECEMBER'20

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		

5,12,19,26-Weekend Holiday  
 25-Christmas  
 16-Last Working day for lateral entry

JANUARY'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						

1-New year  
 13,14,15,16-pongal holidays  
 26-Republic day  
 2,9,16,23,30-weekend holidays

February'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						

6,13,20,27-Weekend Holiday  
 24-Last Working day for first year

SREE SOWDAMBIKA COLLEGE OF ENGINEERING  
CHETTIKURICHI, ARUPPUKOTTAI  
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AUGUST'20

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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		

5,12,19,26 -Weekend holiday

OCTOBER'20

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4	5	6	7	8	9	10
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					1	2
3	4	5	6	7	8	9
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February'21

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14	15	16	17	18	19	20
21	22	23	24	25	26	27
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6,13,20,27-Weekend Holiday  
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