



**SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
PULLIPALAYAM, MORUR (PO), SANKARI (TK), SALEM (DT).

**ANNUAL REPORT 2015-2016**

I have the privilege of reading the Annual Report of our college for the academic year 2015- 16.

Sri Shanmugha College of Engineering and Technology, a graceful fledgling, has been aiming at giving technical education of high standard to the young students both boys and girls at affordable costs. I am proud to say that we have been successful in accomplishing our task with the help of the philanthropic and munificent patron,

Thiru. K.Shanmugham Sir, the esteemed chairman of our college. I am fortunate in getting the whole hearted support from both the faculty and the students.

Kindly permit me to indulge in a justifiably commendable presentation of our academic as well as extra-curricular activities.

**EVENTS ORGANISED:**

Academic year 2015-2016 from the placement cell we have organized “Trained by Corporate Guru’s”to develop their skills on placement, awareness on job, Current Industry requirement.

For this we have invited the top companies of Human Resource Personalities from various Companies as follows:-

ACE Designers, Kirloskar Brothers Limited, GoDB TECH Pvt Ltd, Span Technology Services Private Limited, Equifas Software Solutions, Cognizant Technology Solutions, NSK ABC Bearings Limited, Omkarsoft, BSQUARE systems, CTS

The entrepreneurship development cell was inaugurated by Dr.R.Jayaraman, Members Secretary, Centre for Entrepreneurship Development Tamilnadu on 16.12.2015.

The safety awareness program was conducted for final year students on 23.02.2016 by Mr.D.Jagan Narayan, Director, Vijay Institute of Safety Training, Trichy.

A motivational guest lecture was arranged to the first year students to make the students to understand the importance of engineering and ways to develop self-confidence and life skills by an eminent speaker Mr. Ragunath on 26.02.2016 and 27.02.2016.

## STUDENTS ACHIEVEMENTS:

A team of 20 Mechanical students has added feather to the college by winning 12<sup>th</sup> place national wide organised by Lovely Professional University, Punjab in Gokart championship and also we are the only college qualified for semi-finals from Tamilnadu.

### University rank:

Our students has brought laurel to our college by securing university ranks.

### UG rank holders:

- Mr. K. Bhuvaneshwaran of Computer Science and Engineering has secured 45<sup>th</sup> rank in Anna University with a CGPA of 8.63.
- Miss. T.B.Priyanka of Electronics and Communication Engineering has secured 28<sup>th</sup> rank in Anna University with a CGPA of 8.98.
- Mr.S.Kalidass of Mechanical Department has secured 37<sup>th</sup> rank in Anna University with a CGPA of 8.85.

### PG rank holders:

- Miss.B.Revathi of Applied Electronics has secured 24<sup>th</sup> rank in Anna University with a CGPA of 8.70.
- Miss.S.Hemalatha of Computer Science and Engineering has secured 9<sup>th</sup> rank in Anna University with a CGPA of 9.04.
- Miss.N.Ragapriya of VLSI design has secured 47<sup>th</sup> rank in Anna University with a CGPA of 8.40.

The students of our college have participated and won prizes in various events from various colleges.

S.NO	NAME OF THE STUDENT	AWARD	COLLEGE NAME
1	E.Vijayan & S.Rubinath IV Civil	2 <sup>nd</sup> Prize	SNS College of Engineering
2	M.Kurunji & Gayathiri.V III Civil	1 <sup>st</sup> Prize	Erode Sengunthar Engineering College
3	P.Tamilselvan & S.Rubinath IV Civil	2 <sup>nd</sup> Prize	Gnanamani College of Technology
4	A.Navaneethakrishnan, J.Subashchakravarthi III Civil	1 <sup>st</sup> prize	N.S.N.College of Engineering
5	J.Subashchakravarthi III Civil	1 <sup>st</sup> prize	Paavai College of Engineering
6	S.Sasidhar II Civil	2 <sup>nd</sup> Prize	Government College of Engineering Salem
7	S. Thangamani and K. Mythili, IV CSE	1 <sup>st</sup> Prize	Knowledge Institute of Technology
8	G. Poorani and S. Mathiyarasi, IV CSE	2 <sup>nd</sup> Prize	Knowledge Institute of Technology
9	S. Thangamani, IV CSE	1 <sup>st</sup> Prize	Knowledge Institute of Technology

10	S. Mathiyarasi, IV CSE	1 <sup>st</sup> Prize	Erode Sengunthar Engineering college
11	S. Mathiyarasi,S.Lavanya,V.Tamilarasi ,IV CSE	3 <sup>rd</sup> Prize	Salem Collector office
12	S. Mathiyarasi, IV CSE	3 <sup>rd</sup> Prize	Salem Steel Plant Company
13	K. Sri Yeshvanthra and V. Kannapriya, III ECE	1 <sup>st</sup> Prize	Hindusthan College of Engineering, Coimbatore
14	V. Kannapriya and K. Nithya, III ECE	1 <sup>st</sup> Prize	Ganesh College of Engineering , Salem
15	V. Saranya and S. Thenmozhi, III ECE	3 <sup>rd</sup> Prize	Hindusthan College of Engineering, Coimbatore
16	E.Dinesh & K.Ajith, III Mech	3 <sup>rd</sup> Prize	MPNMJ Engineering College, Chennimalai.
17	S.Tamilarasan & Chennimalai of III Mech	2 <sup>nd</sup> prize	Sengunthar Engineering College Tiruchengode.
18	Mr.A.Bala Krishnan of III Mech	2 <sup>nd</sup> prize	Mahendra Engineering College
19	Boopathy raja of III Mech	3 <sup>rd</sup> Prize	Sengunthar Engineering College Tiruchengode.
20	R.Dinesh & G.Naveen	2 <sup>nd</sup> prize	Sri Venkateshwara College of Engineering
21	R.Dinesh & G.Naveen	3 <sup>rd</sup> Prize	Excel College of Engineering
22	M.Tamil selvan and P. Kumaresan, II Mech	1 <sup>st</sup> Prize	M.Kumarasamy College of Engineering, Karur
23	C.Sakthivel & S.Ravi Shankar of II Mech	3 <sup>rd</sup> Prize	P.A.College of Engineering and Technology.
24	A.Naveen kumar , II Mech	1 <sup>st</sup> Prize	P.A.College of Engineering and Technology.
25	R.Santhosh ,II Mech	3 <sup>rd</sup> Prize	K.S.R.College of Engineering and Technology
26	G.Rama Krishnan & K.Venkatesh II Mech	1 <sup>st</sup> Prize	P.A.College of Engineering and Technology.
27	S.Manikandan II Mech	3 <sup>rd</sup> Prize	Ganesh College of Engineering.

### STAFF'S ACHIEVEMENT:

### JOURNAL PUBLICATION:

The following members of the faculty of our college have published a paper in the reputed journal

S.NO	NAME OF THE FACULTY	TITLE	JOURNAL
1	Mr.K.Mohan	An Experimental Study On Optimum Replacement Level Of Silica Fumes And Nano Silica In Concrete	IJLTET
2	Mr.K.Mohan	An Experimental Study On Optimum Replacement Level Of Silica Fumes In Concrete	IJETCSE
3	Mr.K.Mohan, Mr.G.Jayaraman, Mr.P.Shanmugam	An Experimental Study On Mechanical Properties Of Jute Fiber Reinforced Concrete Beams	IJETCSE
		A Novel Approach For Efficient String Generation Using Mdl Pruning Method	IJREEE
		Privacy Preserving Data Publishing Using Tuple Grouping Algorithm	IJREEE
		A Chord Based Decentralized Secure Service Discovery On Peer To Peer Network	IJSCI

4	Mrs. Dr.G. Kavitha	An Efficient Approach For Mobile Commerce Pattern And Sequential Pattern Mining	IJIET
		Privacy Preservation Using Access Control Mechanism For Incremental Data	IJIET
		Heuristic Rule Based Mining Of High Utility Itemsets From Transactional Database	IJIET
		Ip Based Approach For Tracing Stolen Laptop And Data Protection With Mac Address	IJSCI
		Discovery Of Latency Delay In Provenance Data Through Secret Channel Encoder	IJIET
		A Genetic Algorithm With Support For Selective Travelling Salesman Problem On Petrinets	IJSCI
		Bacterial Foraging Optimization Based Travelling Salesman Problem For Data Collection In Mobile Sinks	IJSCI
		Multiagent Based Self Scheduling Algorithm For Travelling Salesman Problem	IJETCSE
5	Mrs. C. Kavitha	Achieving Remote Data Integrity Verification And Eradication Semi honest Attack In Multicloud Storage	IJRCCE
		Public Auditing Of Dynamic Big data Storage With Efficient High Memory Utilization And Ecc Algorithm	IJRCCE
6	Mr.M.Premkumar	Efficient Privacy Preserving Secure Odarm Algorithm In Horizontally Distributed Database	IJRCCE
7	Mrs.S.Rajeswari	The Software Approach To Measure The Quality Of Vein Images For Fake Detection In Online Attendance System	IJRCCE
8	Mr.U.Muthaiah	Energy Efficient Mobile Sink Path Selection Using Cluster Based Approach In Wsns	IJRCCE
		Efficient Deduplication With Security Using Jenkins And Recovery Techniques	IJRCCE
		Security With Authorized Deduplication Compression Using Jhf And Dr Techniques In Hybrid Cloud	EIJTEM
		Utility Based Consolidation Of Cloud Servers Using Memory Harnessing	IJRSET
		Anonymity Set Location Privacy Scheme In Manet	IJESRT
9	Mr.K.Gowsic	A Novel Approach For Energy Efficient Reliable Routing Using Tabu In Wireless Ad Hoc Networks	IJRCCE
10	Mr. R. Srivel, Mr. S. Durairaj, & Ms.P. Dhivya,	Leakage Reduction And Stability Improvement Techniques Of Sram Cells”	IJRTER.
11	Ms.C.E.Thenmozhi,	Alleviation Of Voltage Drop In High Voltage Transmission Ling	IJRTER.

	Ms. P. Dhivya, & Ms. T. Yamunadevi,	Using Dvr With E2s1	
12	Ms.R.B.Dravidapriyaa, Mr. A. Sivanantham,	“Low Area Wallace Multiplier Using Energy Efficient Cmos Adder Circuitry”	IJSPR
13	Mr. K. Gowsic & Mr. A. Sivanantham,	A Novel Approach For Energy Efficient Reliable Routing Using Tabu In Wireless Ad Hoc Networks	IJETCSE
14	Mr.R.Boopathi, HOD/Mechanical	“Forced convective heat transfer analysis of Al <sub>2</sub> O <sub>3</sub> and water in heat transfer with twist tape insert”.	IJETCSE
15	Mr.R.Boopathi, HOD/Mechanical	Experimental analysis of heat transfer coefficient of Al <sub>2</sub> O <sub>3</sub> and water in cross tube heat exchanger with twisted tape insert	IJTET

### RESULT:

Our eminent professors Mr.K.Srinivasan, Ms.G.Ilanthenral, Mr.G.Jayaraman, Mr.R.Boopathy, Mr.L.Prabhu, Mrs.M.Leelamaheswari, Mrs.Priyadharshini, Mr. Senthilkumar have produced 100% result in Anna University Examination in the academic year 2015-2016.

Our dedicated professors Dr.M.Senthil Kumar , Mr.K.Srinivasan , Ms.N.Meena Mr.Kumara Guruparan , Mr.Ramkumar , Mr.Jeyaprakash , Mr.A.BalaMurugan ,Mr. R. Srivel, Ms. R.B. Dravidapriyaa, Ms. P. Dhivya, Mr. A. Sivanantham, Mr. S. Durairaj, Mrs.M.Leelamaheswari, Mr. Senthilkumar have produced 95 % and above result in Anna University Examination in the academic year 2015-2016.

### PLACEMENT:

We are proud to say that the following students has got placed in various companies.

S.NO	NAME OF THE COMPANY	NO OF STUDENTS
1	CTS ,Chennai	1 student from ECE
2	Broadsoft, Chennai	1 student from CSE
3	Birlasoft Limited, Chennai	16 students from CSE AND ECE
4	Ridh Engineer Services, Chennai	2 students from CIVIL
5	Wonjin Limited, Chennai	15 students from Mechanical
6	Mphasis, Bangalore	5 students from Mechanical, Civil , ECE
7	Tenneco, Hosur	4 students from Mechanical
8	NCR Corporation	21 students from Mechanical
9	JBM Auto System Pvt Ltd, Chennai	6 students from Mechanical
10	Team Detailing Solutions Pvt Ltd, Chennai	4 students from Civil and Mechanical
11	Fiem Industries Limited, Chennai	10 students from Mechanical
12	Prem Engineering, Delhi	5 students from Mechanical
13	ESTOMI, Bangalore	1 student from ECE
14	Karya Technologies, Chennai	1 student from CSE
15	INET Technologies, Chennai	11 students from CSE AND ECE
16	CAD Macro Design & Solution	10 students from Mechanical
17	Span Technology Services, Chennai	16 students from CSE AND ECE

## SPORTS AND GAMES:

Our college students has participated in the following events and won medals.

S.No	Name of the student	Department	Event	Held at	Prize
1	V. Stephan Raj	II MECH	State Level swimming	Biathlon	2 <sup>nd</sup> place
			Running	Divisional level	2 <sup>nd</sup> place
2	S. Mythili	III CSE	Kabaddi best offence and defence player	District level	1 <sup>st</sup> place
			100 mtrs Athletics	District level	1 <sup>st</sup> place
3	V. Manimaran	III MECH	Marathon runner	Zonal level	3 <sup>rd</sup> place
4	S. Karthick	IV MECH	Long jump, 100mtr, relay	District level	1 <sup>st</sup> place
5	R. Divakar	II MECH	100 mtr 200 mtr	District level	1 <sup>st</sup> place
6	P. Arunkumar	III CIVIL	Weight lifting	Zonal level	4 <sup>th</sup> place
7	A. Vasudevan	II MECH	Wrestling	State level	1 <sup>st</sup> place
8	G. Gnanavel	III MECH	Boxing	District level	1 <sup>st</sup> place

## NSS:

Desilting work was done by the students at Kalleri.

Our students camp at Anakkalpalayam to create awareness among the public to keep the environment clean.

Our students went on rally to create awareness to cast the votes and their importance at Pullipalayam and Sankari.

## FUTURE PLAN:

I am hopeful to sustain the present momentum in the coming years also. Rather, I would like to increase the multi-dimensional growth of our institution by expanding the field of technical education to a more number of graduate and post graduate courses and research activities.

In the field of games and sports the immediate future plan is to have an indoor stadium.

**THANK YOU**