



Sri Shanmugha College of Engineering & Technology

PULLIPALAYAM, MORUR (PO), Sankari (TK), Salem (DT)

ANNUAL REPORT 2017-18

I have the privilege of reading the Annual Report of our College for the academic year 2017-18.

Sri Shanmugha College of Engineering and Technology, a graceful fledgling, has been aiming at giving technical education of high standard for the young students both boys and girls at affordable cost. I am proud to say that we have been successful in accomplishing our task under the guidance of the philanthropic and munificent patron, Thiru. K. Shanmugham Sir, the esteemed Chairman and Er.S.Prabhakar Sir, dynamic Vice-Chairman of our College. I am quite fortunate in getting the whole-hearted support from both the faculty and students.

Kindly permit me to put forth a justifiably commendable presentation of the academic as well as extra-curricular and other activities of our prestigious Institution. .

COLLEGE ACHIEVEMENTS

In the University Examinations held in the months of April/May 2017 and Nov/Dec 2017, our faculty have produced 100 % results in 18 subjects and more than 90 % results in 22 subjects.

We are proud to say that we have secured 2 University Ranks:

Kurunji M (732713103018) secured rank in Anna University with the **CGPA of 8.82.**

B.Gokul (732713114017) secured rank in Anna University with the **CGPA of 9.10.**

The students of SSCET are always self-disciplined, dedicated and determined. It is their testimony that 13-students of Civil Engineering, 13-students of ECE, 11-students of Mechanical, 1-student of CSE, 2-students of Agriculture Engineering and 25 students of the first year have proved 100 % attendance in this academic year.

DEPARTMENT OF AGRICULTURAL ENGINEERING

RESULT ACHIEVEMENT:

Faculty members of SSCET are committed and dedicated in their academic excellence which is the evidence for their achievements. Ms.K.M.Keerthana and Ms. Priyadharshini, Assistant Professors of the Department have produced 100 percent results, Ms.C.E.Thenmozhi and Mrs.M.Leelamaheswari have produced above 90 percent results.

Students' achievements:

Nearly 36 students of Agricultural Engineering participated in various events held in other colleges and proved their talents. The students of Agricultural Engineering have cultivated vegetables on their own during the field work and produced 100 % organic yielding.

DEPARTMENT OF CIVIL

RESULT ACHIEVEMENT:

The extensive rate of results produced by the Civil Engineering Department faculties has exhibited their academic excellence. Prof. P.Ramalingam, Mr.K.Mohan/AP and Mr.S.Dharanidharan/AP have produced cent percent result and Ms.S.Chitra/AP has produced above 90 percent result.

Papers published in International Journals:

The articles authored by the Assistant Professors Mr.K.Mohan, Ms.R.Deepavani, Mr.P.Sethupathi, Mr.A.Muruganath, Mr.S.Dharanidharan, Mr.P.Thangamuthu, Ms.S.Chitra were published in the Indexed Journals.

Faculty Development Programme Attended:

Mr.K.Mohan, Ms.R.Deepavani, Mr.P.Sethupathi, Mr.A.Muruganath, Mr.S.Dharanidharan, Mr.P.Thangamuthu, Ms.S.Chitra have attended faculty development programme in various colleges in their expert field of knowledge.

Workshop and Training Attended by Civil Staff Members:

Mr.K.Mohan, Ms.R.Deepavani, Mr.P.Sethupathi, Mr.A.Muruganath, Mr.S.Dharanidharan, Mr.P.Thangamuthu, Ms.S.Chitra, Ms.K.M.Keerthana Priyadharshini have attended workshop and training programmes.

Conferences Attended by Civil staff members:

Mr.K.Mohan/AP has attended an International Conference on “**Advancement Materials and Progress In Infrastructure Engineering**” at Mahendra Institute of Engineering and Technology, Mallasamudram.

Placement Details:

In 2013-2017 batch, Of 41 eligible students 30 students got their placements so far in the companies viz., Amazon, Team Detailing Solutions (TDS), Perfect Detailing Solutions (PDS), Bhaggyam Constructions, 3W Technologies, Interarch, Color Homes, Sriram Properties and Arul Constructions etc. with a salary package of Rs. 2.5 lakhs per annum.

Similarly, **in 2014-2018** batch, of 24 eligible students 15 students got their placements so far in the companies viz., Team Detailing Solutions (TDS), Bhaggyam Constructions, Sri Gujan Builder, Milekal Engineering Private Limited etc. with a salary package of Rs. 1.5 lakhs per annum.

Students Participation:

18 students of Civil Engineering Department has won the cash prizes and certificates in the events such as Optimum Architects, Brick Modelling, Code Cracking, Paper presentation, International Conference, Speech competition, Drawing, Brain Busters etc. 21 students of Civil Engineering Department have participated in various events in other colleges and exposed their talents.

Publication by Students:

Students of Civil Engineering Department by name V.S.Aarthi, .Gayathri, M.Kurunji, R.Poorani, M.Sankaran, M.Selvam, R.Navaneethakrishnan, M.SankaranJ. Subashchakaravarthi, B.Vijay, P.Dinesh, T.V.Karthikeyan, M.Madhankumar and A.Pasupathi have once again proved their wit and talents by publishing their articles in the International Journal for Scientific Research and Development (IJSRD).

MOU Details:

The Department of Civil Engineering has signed MOU with VLAND's BEST Hub

Department Activities:

The Department of Civil Engineering have celebrated their skill and talents by organizing several academic events such as **Civil Association (ACES), INOVACE 2017(a National Level Technical Symposium), Inauguration of VLand's Best Hub, HR interactive program (Industry Expectations on Civil Engineering Graduate), One Day Seminar on "Cost Effective and Eco-friendly Construction Technology, National Level Conference RTAST'18, Guest lecture on Foundation Engineering, Environmental Engineering II, Mechanics of Solids and Construction Materials.**

- **Students Project proposals have been sent to TNSCST funding agency.**

DEPARTMENT OF CSE

Students' achievements:

The students of CSE Department had participated in various co-curricular activities and won prizes.

- 1 Pooja K. and Ramya K. II CSE won **II Prize in Technical Quiz**
- 2 Bavishna B and Shalini of IV CSE II year won **II Prize in Paper Presentation**
- 3 Bavishna B of IV CSE secure **I Prize and received Best Project Award**

Papers presented in International Journals:

Ms. B.Bavishna and Ms. P.Priya of IV CSE authored and published an article in the International Journal of Engineering Science and Research Technology.

Projects done in Greefi Technologies:

Students by name Saranya R, Rubakkumar P, ArunPrakasan AKV, Karunakaran A, Kathirprabhakaran, Ganeshamoorthi M of final year CSE have done their projects in Greefi Technologies, an Incubation Centre located in SSCET.

Staff achievement:

CSE faculties by name U.Muthaiah, Ms. P.Keerthana, T.Sathishkumar, Mrs.M.Agalya, P.Kameshkumar, Assistant Professors have achieved cent percent result and M.Balamurugan and Mrs.S.Kiruthika, Assistant professors have produced more than 95 percent results.

Conference Attended:

Assistant Professors namely U. Muthaiah, Mrs.M.Agalya and Mrs.S.Kiruthika, have attended the National and International Conferences and published papers in the reputed journals with high impact factor.

Faculty Development Programme Attended:

Assistant Professors by name Mrs.M.Agalya, U.Muthaiah, M.Balamurugan, Mrs.S.Kiruthika and Ms.P.Keerthana have attended Faculty Development Programme in various colleges to bridge the gap in curriculum.

Workshop and Online Training attended by staff members:

CSE faculties by name U.Muthaiah, M.Balamurugan, Mrs.M.Agalya, Mrs.S.Kiruthika, P.Kameshkumar, Ms.P.Keerthana, Mrs.J.B.Kavitha have attended the Workshops and Online Training to enrich their knowledge in recent trends.

Faculty acted as Resource Person:

U. Muthaiah, Assistant Professor, acted as the resource person as well as jury and has given guest lecture in his field of expert in various colleges.

Student acted as Resource Person:

1. A.K.V. Arun Prakashan, student of final CSE, acted as a resource person for 2 days hands on training in PHP/ MySQL at MP Nachimuthu Engineering College, Erode.
2. Mr.Rupak Kumar, Mr. Arun Prakashan, Mr.Kathir Prabakaran, Mr.Karunkaran and Mr.Ganesamoorthy of final CSE have become Software Developers in the industry since 7th Semester onwards.

Book Publication details:

1. Mr U. Muthaiah, AP/CSE published a two books titled “Problem Solving and Python Programming” and “Object Oriented Programming and Data Structures”.

Papers presented in International Journals:

Mrs.G.Kavitha, Mr.U.Muthaiah, Mr.M.Balamurugan, Mr.P.Kameshkumar, Mrs.M.Agalya, Mrs.S.Kiruthika, Ms.P.Keerthana, Mrs.J.B.Kavitha have published their articles in indexed journals of repute.

Department activities:

The department of computer science and engineering were conducted departmental activities such as Computer Science and Engineering association inauguration, “TECHNOTRON 2K17”, National Conference on “Innovations in Computing and Communication- ICC 17”, Workshop on “Analytics with R”, Workshop on “PHP-MySQL”, National Conference on “Innovations in Computing and Communication- ICC 18”, 36 Hours Hackathon Contest-2018”

Achievements in University Exam:**University Exam Performance:**

1. In Nov/Dec 2017 Examination results among five departments Computer Science and Engineering department secured First place in our Institute.

Placement details:

- In 2013-2017 batch, 100% of students got placed in companies like Robert Bosch, Techno soft, and Amazon and Techlyn Solutions Pvt.Ltd, with a salary of 3 Lakhs per annum.
- In 2014-2018 batch, so far 88% of students got placed in companies like Augusta, E2 Info System, Sakthi Info Tech, Nephron technologies with a salary of 2.8 Lakhs per annum
- **Students Project proposals have been sent to TNSCST funding agency.**

DEPARTMENT OF ECE**Students' achievements:**

15 Students of ECE has won cash prizes and certificates in events such as paper presentation, Circuit Debugging, Quiz, Best paper award, Technical Quiz, Arena of Wisdom.

Running LED display project done by Mr.D.Manu, Mr.K.Manu and Mr.G.Kiran Kumar of II year ECE students.

Students Proposals:

The following students has send their proposals to TNSCST funding agency,

A.Krishnan, S.Asarutheen, M.Soundrapandian with the guide ship of Mr.A.Senthilkumar

Academic Achievements:**Staffs achievement:**

Faculty members of SSCET committed and dedicated in their academic excellence. It is an evidence for their achievements Mrs.B.Suganya, Mr.M.Balaji, Ms.T.Yamunadevi have produced 100 percent result .Mrs.B.Suganya and Mrs.A.Monigha have produced more than 95 percent result in university exams.

Papers presented in International Journals:

Prof.A.Imthiyas, Prof.P.Sathishkumar, Prof.U.Shyamala Devi, Prof.T.Yamunadevi, Prof.B.Suganya have published their article in indexed journals.

Faculty Development Programmes Attended:

Prof.T.Yamunadevi, ECE, Prof.U.Shyamala Devi, Prof. Ravishankar Kandasamy, Prof. M.Balaji ECE, Prof.A.Anitha ECE have attended faculty development program in various colleges to enrich their knowledge recent development and technology.

Workshops and Training Attended:

Prof.T.Yamunadevi, Prof.V.Surya, Prof.A.Anitha, Prof.B.Suganya, Prof.C.E.Thenmozhi, Prof.A.Sivanantham, Prof.U.Shyamala Devi have attended workshops and training programmes in their subjects of interest.

Conference Attended:

- 1) Prof.B.Suganya ECE presented the paper in International Conference on Recent Innovations in Engineering and Technology (ICRIEAT – 2017) ,held at Aurora Scientific, Technological and research academy, Hyderabad
- 2) Prof.T.Yamunadevi ECE presented the paper in International Conference on Recent Innovations in Engineering and Technology (ICRIEAT – 2017) ,held at Aurora Scientific, Technological and research academy, Hyderabad

Department activities:**The following activities were conducted by the department of ECE**

Industrial Seminar, National Level Conference on “Innovations in Computing and Communication – ICC17”, Guest Lecture, ECE association, TECHNOTRON 2K17, One Day Workshop on “Industrial Automation with PLC and SCADA.

Placement details

- In 2013-2017 batch 26 out of 40 eligible students got placed in various companies like Robert Bosch, Amazon, Techno Soft, Techlyn solutions etc.
- In 2014-2018 batch 8 out of 29 eligible students got placed so far in companies like Info view Technologies IVTL, Chennai, HCL Technology, E2 Info System, Chennai, etc.

DEPARTMENT OF MECHANICAL ENGINEERING

Department achievements:

Students' achievements:

1. 11 students of final year mechanical students Participated in Cross –Trike 2017 competition organized by Blizzard Motors held at NATRAX, Pithampur (M.P) **ranked 4th place out of 72 teams.**
2. 12 students of Second and Third year mechanical students Participated in Cross –Trike 2017 competition organized by Blizzard Motors held at NATRAX, Pithampur (M.P) **ranked 6th place out of 72 teams.**
3. 5 students of Second and Third year mechanical students Participated in Aero design Challenge 2017 competition organized by SAE India Southern section.
4. 10 students of Final year and second year won First place **Rs.5000** in **Project expo** held at **Sasurie College of Engineering**
5. 13 Students of Mechanical Engineering has won cash prizes and certificates in various events

Students Publication:

S.Aravindkumar, M.Boopathiraja, G.Kumanan, R.S.Tanish has published an article in International journal for Innovative research in Science and Technology.

P.Karthi, A.Naveenkumar, Karthick.R, Bharathkumar.V.S have published their articles in International journal for scientific research and development.

Students Proposals:

The following students has send their proposals to TNSCST funding agency,

1. K.Arunkumar, B.Jeyaprakash, .M.Santhosh, K.Venkaatesh with the guideship of Mr.R.Boopathi
2. V.S.Bharathkumar, P.Karthi, R. Karthick, A.Naveenkumar P.Ragavi, P.Nivethitha, M.Kavinandhini, R.Sathyabharathi with the guideship of Mr.D.Kumaravel

Staffs achievement:

Faculty members of SSCET committed and dedicated in their academic excellence. It is an evidence for their achievements, Dr.T.R.Chinnusamy Mr.R, Boopathi, Ms.S.Sharmila, Mr.D.Kumaravel have produced 100 percent result. Mr.E.Arunkumar, Mr.A.Vinoth, Mr.R.Boopathi, Mr.N.Navaneethakrishnan, Mr.M.Kandasamy, Mr.M.Goudilyan, Ms.S.Sharmila, Mr.V.Nivash have produced more than 90 percent result.

Papers presented in International Journals:

Prof.M.Goudilyan, Prof.N.Navaneethakrishnan, Prof.E.Arunkumar, Prof.D.Kumaravel, Prof.V.Nivash have published their article in indexed journals.

Faculty Development Programmes Attended:

Prof.R.Boopathi, Prof.M.Kandhasamy, Prof.E.Arunkumar, Prof.P.S.Mohanasaravanan, Prof.S.Venkatraman, Prof.M.Goudilyan has attended Faculty development Programme in various institutions to enrich their technical skills.

Workshops and Training Attended:

Prof.R.Boopathi, Prof.E.Arunkumar, Prof.M.Goudilyan, Prof.V.Nivash, Prof.D.Kumaravel have attended workshops and training Programmes in various colleges.

Conference Attended:

1. Prof.R.Boopathi mechanical presented the 2 paper in International Conference on Advances in Mechanical, Production and Industrial Engineering (AMPIE 18),held at Mahendra Educational institutions.
2. Prof.L.Prabu mechanical presented the paper in International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering systems (CDAMIES 2018),held at NIT Trichy.
3. Prof.L.Prabu mechanical presented the paper in International Conference on Recent innovations in engineering and technology, held at Aurora Scientific, Technological and research academy.

Department activities:**The following activities were conducted:**

Mechanical association, INOVACE 2017 A National level Technical Symposium, HR interactive program, The inauguration of VLand's Best Hub, RTAST'18 (Recent Trends in Applied Science and Technology), One Day Workshop on "CAD/CAM.

Placement details

In 2013-2017 batch 69 out of 72 eligible students got placed in various companies like TDS, PDS, Amazon, ZetekCasting, Draxlmaier, NCR, Indoshell, Vland's best hub, Prabha Auto etc.

In 2014-2018 batch 42 out of 57 eligible students got placed so far in companies like Team detailing, Super Auto forge, Prabha Auto, Zetek casting E

DEPARTMENT OF SCIENCE & HUMANITIES

Students' participations:

The following students of first year enthusiastically participated in various events and won many certificates and prizes.

S.Prabakaran, R.Bharaniidhar, S.Kalaiselvam, V.Keerthivasan, S.Sugunaraja, R.Suryaprakash, S.Saaron, R.Dineshkumar, S.T.R.Mohanapriyan, G.Chinnakarupusamy, K.Palanisamy, D.Devadharshini, B.Priyadharshini, R.Madhumitha, R.Kanipriya

Staff achievement:

Faculty members of SSCET committed and dedicated in their academic excellence. It is an evidence for their achievements Mrs.M.Leelamaheswari and Mrs.K.Meenambika, have produced 100 percent result. Mrs.M.Leelamaheswari and Mrs.A.Nithya have produced more than 95 percent result in university exams.

PhD Completion status:

Mr.T.Aasaithambi and Mrs. Janaki ASP/Maths have successfully submitted their PhD thesis.

Papers presented in International Journals:

Mr.T.Aasaithambi has published an article in international Journals.

Book published

Mr.T.Aasaithambi has published a book in **Engineering Mathematics – I**

Conferences Attended:

1. Mr.T.Aasaithambi and Mrs. Janaki ASP/Maths has attended and presented entitled "**Free Convection of Water near its Density maximum in a heat generating Porous Cavity with**

Sinusoidal heating” on “Third International Conference on Materials and Manufacturing Engineering”

Faculty Development Programmes Attended:

1. Ms. Meenakambikai AP/Maths has attended 7 days Faculty development programme on “**Conceptual role of signals & Vibrations in Mathematics**” at **Bannari Amman Institute of Technology**, Satyamangalam.

Training and Placement

1. Sri Shanmugha Placement will create opportunity in all aspects, right students will get opportunity in right industries. Here the students will allow to work with the company from 7th Semester onwards.
2. The Training and Placement cell has in-house training teams that trains the students on General Aptitude, Technical and Soft Skill development program and enable them to get place in topnotch Industries.
3. To add value to the profile of the students foreign languages and technical courses arranged for the students.
4. Sri Shanmugha Placement Cell stretches its full-fledged service of educating the learning community from the grassroots with its prestigious rapport of industries and professional societies.
5. Training and Placement Department proudly announces that it has achieved 70 % placement for the 2017-18 batch as on 31st March 2018. Out of 125 students **105** students are opted for placement out of these **74** students are placed in reputed companies.
6. Mr.Krishnan and Ms.Saraswathi of final ECE Placed in IVTL Infoview with 5.5 Lakhs per annum packages, Ms.Naravula Rushita and Manimekalai of final ECE placed in HCL Technologies with 3.5 Lakhs per annum. Mr.Rubakumar, Mr.Arun prakasham, final year CSE , Sai Priya and Jeeva – Final ECE placed in E2 Info Systems with the 2.8 Lakhs per annum Packages. We really proud of them.
7. It is appreciative task done by the placement department and they have shown special care on the students who have not cleared their few subjects to get placement.
8. Our Students are working with the real time projects in Sri Shanmugha Incubate companies namely Greefi Technologies, K-Teq Solutions, E2 Info systems, Hatlet Technologies and Mold masters to get industrial exposure while studying in the college.

WOMEN EMPOWERMENT CELL

Women Entrepreneur Survey, Nationwide Competition to Create Awareness about the Legal Rights of Women, International Women’s day were organized by the Women Empowerment Cell and The girls students voluntarily participated in various activities and won prizes.

SPORTS

Our college students actively participated in many sports and games like Weight Lifting, Boxing, Bench Press, Biceps Lifting and Cricket. 15 students have won many prizes, 11 students won prizes in district level, 2 students in State level Competition and 2 students in National Level Competition.

NSS & YRC

“Every random act of kindness, positive interaction and volunteer hour furthers the reality of peace of Earth”

As the saying goes ...our students take steps to spread kindness and volunteer themselves to do many activities for the benefits of society. Nearly 20 programs were organized by the NSS and YRC. Gramma Shaba Awareness Creation, Fire and Safety Awareness Program, Dengue Fever Control Activities - Awareness Creation at Doorstep, Road Safety Awareness Program, Blood Donation camp, Tree Plantation Program in Campus, Dengue Fever Control Activities - Awareness Creation at college campus, Dengue Fever Control Activities - Awareness Creation at college campus, World Polio Day Awareness Program, Serve on women Entrepreneur jointly with Women Empowerment Cell, Voters day Rally, Republic Day, Anti-Leprosy day Awareness, Guinness World Records Program, NSS Workshop, Madhu Vilakku Awareness, World Water Day Rally.

Funding Project:

- NSDC (National Skill Development Corporation) honored Sri Shanmugha Educational and Charitable Trust as 5 Star category in PMKVY 2.0 project.
- We proudly says that Through Pradhan MantriKaushalVikasYojana (PMKVY) Project we Received Rs. 18 Lakhs.
- DDU-GKY - DeenDayalUpadhyayaGrameenKaushalyaYojana:
- We're under TUR Stage (i.e. Evaluation Stage)

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 Incubation Centre, Research activities, Placements, Centre of excellence in domain areas. In the field of games and sports the immediate future plan is to have an indoor stadium.

THANK YOU.