

**CARE GROUP OF INSTITUTIONS, TRICHY****10<sup>th</sup> ANNUAL REPORT 2018-2019**

Distinguished chief guest of the Annual day, Shri.S.Muthuraman, MD, Lakshmi Ceramics, CBE, Respected C.E.O, Principal, School of Architecture, Dean, School of Management, Members of sister organization of CARE Group of Institutions, Heads of Departments, Professors, Faculty and Staff of CARE, Distinguished Guests, Parents, Well-wishers, Members of the media, Award winners, Prize recipients, and my dear Students good afternoon to you all, on this 10<sup>th</sup> Annual Day Celebrations.

I, Dr.N.Meikandan, Director, CARE Group of Institutions deem it a pleasure to present you the 10<sup>th</sup> Annual Day report of School of Engineering for the academic year 2018-2019.

**THE INSTITUTION**

CARE Group of institutions at present has Five Undergraduate B.E Programs, three Postgraduate M.E programs in addition to School of Management programs, all approved by AICTE.

<b>S No</b>	<b>Course</b>
1.	B.E-Civil Engineering
2.	B.E-Computer Science Engineering
3.	B.E-Electronics and Communication Engineering
4.	B.E-Material Science Engineering
5.	B.E-Mechanical Engineering
6.	P.G-Construction Engineering Management
7.	P.G-Mobile and Pervasive Computing
8.	P.G-Engineering Design
9.	P.G-Master of Business Administration

**STAFF DETAILS**

CARE School of Engineering currently has 66 Teaching faculty, 12 Technical Staff and 100 supporting staff that includes 19 Office staff, 7 Transport staff, 19 Kitchen staff, 24 Housekeeping staff, 25 Security staff and 6 Gardeners.

**INFRASTRUCTURE**

CARE has an unparalleled infrastructure on both aesthetic and functional aspects. Every year additional facilities are created/modified.

In the current academic year following have been developed:

- A space named 'CARE Square' has been created near hostels in an area of approximately 2 acres with sit out facility and ambience of a park for relaxation and rejuvenating the mind.
- A landscape in front of Entry plaza has been developed.
- Two high resolution CCTV Cameras have been installed facing both direction of highway in front of Entry Plaza.
- An additional Air Conditioned Library has been provided in the 2<sup>nd</sup> floor of Phase-III.
- A new RO plant has been commissioned in the Guest House block of men's hostel.
- A fully furnished dining hall has been established in the ground floor of Guest House.
- A dormitory room has been established in ground floor of D-Block of Boys Hostel.
- Three canopies have been provided in front of EEE lab, Phase-II Faculty room and Communication lab doorways.

**INTERNET CONNECTIVITY**

In the current academic year leased line of Limras Eronet Broad band services Pvt Ltd (Blue lotus) has been upgraded to 40 Mbps from 30 Mbps for internet services.

**LIBRARY**

In the current academic year 300 volumes have been added in the library resulting to a total volume of 19,200 books with 6,575 titles covering all disciplines of Engineering, and Sciences. We have currently subscribed to 35 hard copy Journals, 3000+ online Journals and 8 hard copy Magazines. Our reference section holds 1,355 CDs / DVDs 1,046 Project reports and 1,279 Journal back volumes as on today.

This year we have become a member of Tamil Nadu Digital Library (TNDL) and at present all Library staff have been enrolled as members. Thereby Library staff can directly

access to TNDL resources for any request from faculty or students. This facility will be extended progressively to all other staff members.

Being a member Institution of National Digital Library (NDL), we already have access to National resources such as e-reports, e-books, e-journals, Audio/ video lectures, Rare books, Research thesis, manuscript, etc.

Number of General library users this year has crossed 11,020 and e-net library users have crossed 2,434 as on Feb 2019.

In the current academic year we have established NPTEL local chapter in tie up with IITM. NPTEL offers online courses from premier technical Institutions such as IITs and is now open for registration to all CARE students and staff. Librarian has been assigned additional duty of acting as NPTEL co-ordinator of CARE.

Every year 2 sessions are conducted by NPTEL. In Oct 2018 session, six candidates have been awarded NPTEL qualification certificates by IITs. In the current January session, 60 candidates of CARE have registered under various NPTEL courses.

### **TRANSPORT FACILITY**

A total of 7 buses are plying now in various routes for students and staff members to commute from different places to college.

### **ADMISSION**

In the current academic year, School of Engineering has a total strength of 410 students with 45 admissions in first year UG, 38 admissions in first year PG and 14 admissions through lateral entry.

### **UNIVERSITY RESULTS**

In spite of stepped up degree of difficulty in Anna University examinations, School of Engineering has performed reasonably well in this year University results.

Average all pass % of **higher semesters** in last 2 semesters is 34.

Considering theory subjects in last 2 semesters:

100 % results have been achieved in 13 theory subjects out of which 4 are from I years,

90-99 % results have been achieved in 21 subjects and

80-89% results have been achieved in 39 subjects.

Average Script wise pass % in last 2 semesters for School of Engineering is 72.

### **DEGREES AWARDED**

CARE Group of Institutions has completed Nine academic years and we are progressing in the 10<sup>th</sup> year. Six batches of B.E and Four batches of M.E have passed out.

In '2018 passing batch', 58.6 % of School of Engineering students have been awarded degrees in the convocation held at Anna University, Chennai in December 2018.

<b>Degrees awarded in 39th Convocation held at Anna University in December 2018</b>				
<b>Branch Name</b>	<b>2018 passing Batch</b>		<b>Pre 2018 Awarded</b>	<b>Total Awarded</b>
	<b>Appeared</b>	<b>Awarded</b>		
Civil Engineering	54	31	6	37
Computer Science Engineering	11	6	-	6
Electrical and Electronics Engineering	-	-	4	4
Electronics and Communication Engineering	22	13	3	16
Mechanical Engineering	87	49	14	63
Material Science Engineering	26	18	1	19
ME-Construction Engineering and Management	1	0	-	0
ME-Engineering Design	2	2	-	2
MBA-Master of Business Administration	19	14	-	14
<b>Total</b>	<b>222</b>	<b>133</b>	<b>28</b>	<b>161</b>

### **CLASS TOPPERS IN THE ACADEMIC YEAR 2017-2018**

In the current academic year **17** of our students have secured higher AGPA and emerged as class toppers in their respective departments.

3 students have earned above 8.5 AGPA and another 13 students have earned above 8 AGPA.

### **RESEARCH GRANTS / TEST & CONSULTANCY PROJECTS**

1. In the current academic year, Department of Material Science and Engineering, generated a fund of Rs.43,550/- through SEM & XRD testing and analysis services.
2. Dr.K.Santhy & J.Muthukumar were awarded a Grant of Rs.20,000/- by DST, under NIMAT project scheme to conduct an Entrepreneurship Awareness Camp, during August 27-29, 2018.

3. Dr.P.V.Premalatha and C.S.Murali of Civil Department proposed a DST project titled ‘Utilisation of the E-waste in construction industry’ of value Rs.20 lacs and presented the proposal in New Delhi.

### PLACEMENTS

Thanks to the earnest effort put by CARE Placement Cell lead by Mr.P.Selvakumar. So far 88 Engineering students of 2019 passing batch have been placed with placement offers from 12 companies in the pay band of Rs. 1.2 LPA to 4.8 LPA. 7 students have got 2 offers, 5 students have got 3 offers and 1 student has got 4 offers.

Branch	Students placed	No. of 2 offers	No. of 3 offers	No. of 4 offers	Total offers
Civil	19	2	1	-	23
CSE	12	-	-	-	12
ECE	12	1	4	1	24
Mech	37	4	-	-	41
MSE	8	-	-	-	8
Total	88	7[x1]	5[x2]	1[x3]	108

So far 20 Companies visited our campus in the current academic year for placements. We permit other college students also in our placement drives and so far 96 students from other colleges have been placed in our college placement drives.

### RESEARCH PUBLICATIONS

CARE always encourage faculty to do research in their field of specialization and in collaboration with students, as it serves a strong motivation factor for students along with good research exposure and confidence.

In the Academic year 2018-2019,

13 research works have been published in International Journals.

11 research works have been presented in International Conferences.

**EVENTS ORGANIZED**

In addition to academic activities, CARE believes in ‘career sculpture’ and ‘personality development’ of students by way of organizing various events like National level Symposia, Guest lectures, Workshops, Seminars, Short term courses, Professional & career development courses etc.

In 2018-2019, following events have been successfully organized:

30 Guest lectures

6 National level technical Symposia

1 National conference

26 Workshops

13 Seminars and

12 Short term value added Courses

**INDUSTRIAL VISITS AND IN-PLANT TRAINING**

Industrial visits and In-plant trainings provide opportunities to students to get exposure and experience from actual industrial working environment thereby enabling them to interpret and understand the class room concepts better. In the current academic year,

- Our students made department wise industrial visits to 9 Industries.
- Students underwent in-plant training & internships in 35 Industries

**EVENTS ATTENDED BY STUDENTS AND STAFF**

Attending external programs help students and staff to acquire wide external exposure in their areas of interest and to benchmark themselves by sharing knowledge with experts and their peers.

In the academic year 2018-19,

- Students participated in 50 different Technical events, 45 General events like Workshops; Seminars & Short term Courses in other colleges and in 6 such events in our college.
- Our faculty attended 8 seminar programmes in other colleges.
- 3 of our faculty participated/presented papers in 3 Conferences
- 10 of our faculty attended 11 other college workshops.

- 9 of our Faculty attended FDP in other colleges and 57 of our faculty attended in house FDP with resource persons from TCE-MDU, SJC & BIM TRY.
- 6 of our faculty delivered 11 Guest lectures in other organizations.
- In the current academic year about 26 **distinguished guests** visited our campus for various programmes.

### **CLUB ACTIVITIES**

Club activities are imperative for cultural awareness, high ethical and moral values and to seed a sense of social responsibility. For those with an intense fervour and zeal for the stage, Clubs provide an opportunity to showcase their skills and voice their emotions and innermost thoughts. CARE has at present 6 such clubs.

#### **Dramatics & Music club**

A cultural feast named PHOENIX '18' was organised on 31<sup>st</sup> August 2018. All 6 clubs contributed. Dramatics & Music club played important role in the programme.

26 various events were conducted in the programme. **Mr.Phoenix** was bagged by **K.K.Harrish** of III year Mechanical and **Miss Phoenix** was bagged by **G.Gopika** of II CSE.

**Mansoon Beats'18** was conducted on 15.9.2018. Events like Lyric Finding, Variety, Duet singing, Duet dance, Antakshari, Tick Tock and Medly & Adapt tune were organised.

**A cultural event** was conducted on 21.1.19

**Women's Day** programmes have been planned on 8.3.19 exclusively for women students

#### **Literary club**

English Literary Club of CARE is a driving force to many aspiring students who want to excel as perfect leaders in the highly competitive professional scenario. The inevitability of English can't be denied in the modern world as it is the most widely spoken GLOBAL – LANGUAGE. Thus, to meet these expectations, the Literary Club performs a notable number of activities throughout the year.

Following are the activities of the English Literary Club this academic year:

**JULITZ'18** was conducted on 26<sup>th</sup> JULY 2018

Events: JAM, Debate, Dumb Charades, Word puzzle, Quiz, Elocution, Writings etc.

**Ms.Julia** an intern from Stanford University, USA participated in the events and shared her experiences.

**Let' Chat:** A program organized on 21.2.19 to encourage students to speak in English without fear.

### **Tamil literary club**

Tamil Literary Club of CARE gives myriad opportunities for the students to express their sense of appreciation towards the aesthetic Tamil language that has established its roots deep in the history of languages.

This year a cultural event was conducted on 11.1.19, Pongal festival was celebrated on 12.1.19 and Essay competition was conducted on 25.1.19.

Elakkiamedai programme was conducted on 31.1.19.

### **Ecocare Club**

Every week the club members meet on Friday evening and motivate fellow students to participate in eco care campaign. Encouraged many students to participate in inter college events.

Eco Care Club arranged a one day **trekking** to Thalamalai hills, Musiri on 11.08.2018.

**Create a MEME:** A competition was conducted on creating Memes based on the themes- Save water, Go Green & No plastics on 1.2.19. and on 1.3.19

### **Photographic club**

The following activities were carried out by Photographic Club in the current academic year:  
Co-ordinating all college and weekend Program related to photography.

A workshop was organised on 25.8.2018.

A competition was conducted on Natural sceneries on 26.2.19

22 students participated in other college events during February 2019.



### NSS Activities

CARE NSS Unit resumed its activity this academic year with a Yoga programme on 21.6.18 International yoga day.

On 7.7.18 Stop HIV/AIDS programme was jointly organised by NSS and RRC. Students participated enthusiastically by forming a human chain and spreading awareness on blood donation.

On 04.08.18 a voluntary blood donation camp was organized in the College premises

On 6<sup>th</sup> September 2018 NSS volunteers organised Clean Campus Pledge by all.

On 3<sup>rd</sup> November 2018 a general orientation was given to fresh NSS volunteers.

During 12<sup>th</sup> to 19<sup>th</sup> January 2019 National youth day was celebrated by spreading quotes of swami Vivekananda among all students.

On 21.2.19 **clean campus programme** was organised by NSS. Plastic garbage all around our college campus was cleaned by NSS volunteers.

“No voters to be left behind” pledge was taken on 23.02.2019 and New voter ID Enrolment drive was conducted by NSS volunteers.

A special NSS camp has been proposed from 3<sup>rd</sup> week of March 2019 at Thayanur village with various programme like awareness rally, clean village campaign, women empowerment programme, Eye check up camp, school E-learning, digital economy, organic farming lectures. Also planned to have motivation programmes, financial literacy campaign, and education awareness programme for village youth.

### SPORTS

Sports create energetic and vibrant ambience and promote health and team spirit. Notable achievements of our students in this year are:

- Our College **Handball Team Won First place** in Anna University Zonal
- Our College **Handball Team Won Second place** in Trichy District Level CM Trophy Tournament.
- Our College **Table Tennis Men Team Won Third place** in Anna University Zonal Tournament at JJ College of Engineering.
- Our College **Table Tennis Women Team Won Third place** in Anna University Zonal Tournament at **JJ College of Engineering.**

- **Charles Burno. C** of 4<sup>th</sup> year Civil was selected as member in Trichy District Handball Team for the year 2019.
- **B. Janani** of 2<sup>nd</sup> Year **ECE** Won **Gold medal** in **shot put** throw and Won **Gold Medal in Discus Throw** at Zonal Level Athletics Meet held at JJ College of Engineering.
- **K. Banupriya** of 2<sup>nd</sup> Year **Mechanical** Won Silver Medal in **Discus Throw** at the Zonal Athletics Meet held at JJ College of Engineering & at Kongunadu Engineering College
- **B. Janani** of 2<sup>nd</sup> Year ECE Won Bronze Medal in Anna University Inter Zonal Meet held at Kongunadu Engineering College.

### Sports Organized

In the current Academic Year, CARE organized the Anna University Zonal Level Handball Tournament in our campus.

### CONCLUSION

Before I conclude, let me summarize the happenings of this year:

- The Institute continues to be more dynamic with respect to offering of courses & with respect to learning process.
- Well experienced senior faculties have been recruited under various capacities in the current academic year.
- Continues investing heavily in infrastructure development in spite of slow admissions.
- An invisible growth is occurring in academics.
- Continue breaking its own previous achievements in placements.
- Significant achievement in providing meaningful Engineers to the society.
- Ever changing approach towards executing student projects.
- Improvement in offering socially responsible programmes.
- Significant effort in establishing industry connects.

In the Decennium year of CARE, let me conclude my report saying that change to achieve is our inherent quality and I assure you on this occasion that with infinite blessings of God, the dynamic and vibrant CARE will **Set the Tone for the future.**