CARE GROUP OF INSTITUTIONS, TRICHY

11ᵗʰ ANNUAL REPORT 2019-2020

Distinguished Chief guest of the Annual day, Shri.J.LeoAnanth, Managing Director, eQuadriga Software Pvt. Ltd., Trichy, Respected C.E.O, Principal, School of Architecture, Dean, School of Engineering, Academic Co-ordinator, School of Engineering, Head of CARE Business School, Members of Sister organization of CARE, 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 11ᵗʰ Annual Day Celebrations.

I, Dr.N.Meikandan, Director, CARE Group of Institutions deem it a pleasure to present you the 11ᵗʰ Annual Day report of CARE Group of Institutions for the academic year 2019-2020.

THE INSTITUTION

CARE Group of institutions at present has Four Undergraduate B.E Programs, Three Postgraduate M.E programs including Mobile and Pervasive Computing and in addition MBA, offered through CARE Business School, all approved by AICTE.

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

We have proposed to start 1 additional UG course 'B.Tech - Artificial Intelligence & Data Sciences' to AICTE. Also proposed to start 1 PG course 'M.E - Computer Science (Artificial Intelligence & Machine Learning) in lieu of 'Mobile and Pervasive Computing' and waiting for AICTE approval.

STAFF DETAILS

CARE School of Engineering currently has 66 Teaching faculties, 15 Technical Staff and 90 supporting staff that includes 15 Office staff, 7 Transport staff, 15 Kitchen staff, 19 Housekeeping staff, 18 Security staff, 4 Maintenance staff and 6 Gardeners.

INFRASTRUCTURE

CARE has an unparalleled infrastructure on both aesthetic and functional aspects. Every year additional facilities are created/modified for the ever changing educational requirements.

In the current academic year following have been developed:

- Pathways inter connecting the blocks in Boys Hostel and in Girls Hostel completed.
- Ambiance of 'CARE Square' has been enhanced by enabling a structure within.
- On Holistic approach a Temple constructed near Administrative Block..
- Installation of name boards to labs for identification purposes initiated.
- Re-laid metal road from the Entry plaza to Hostels.
- A new Foot Ball Ground commissioned closer to hostel.
- Proposed to utilize the build-up space better by relocating necessary instructional areas from Phase.2 to accommodate CARE College of Arts and Science.
- Proposed relocating instructional area from Phase.1 to Phase.3 except central lab & workshop area to accommodate School of Architecture in Phase.1.

INTERNET CONNECTIVITY

In the current academic year available Broad Band internet services has been enhanced from 40 Mbps to 52 Mbps. Leased line, from Limras Eronet Broad band services Pvt Ltd (Blue lotus) of 30 Mbps and a BSNL Broad Band services of 22 Mbps have been subscribed at present.

LIBRARY

In the current academic year so far 186 volumes have been added in the library resulting to a total volume of 19,386 books with 6,734 titles covering all disciplines of Engineering and Sciences. We have currently subscribed to 36 hard copy Journals, 5000+ online e-Journals and 12 hard copy Magazines. Our reference section holds 1,358 CDs / DVDs 1,136 Project reports, 245 Question Banks and 1,366 Journal back volumes as on

today. In the current academic year we started collecting e-books and have added so far 5,761 e-books to the library.

Being a member Institution of National Digital Library (NDL) and Tamil Nadu Digital Library (TNDL) 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 8,992 and e-net library users have crossed 702 as on Feb 2020.

In the current year through NPTEL local chapter, 111 online enrolments have been made so far. Librarian holds additional duty of acting as NPTEL co-ordinator of CARE.

In our continuous effort to upgrade library human resource, our librarian was sponsored to attend a regional workshop on 'Strategies for Transforming Libraries: Growing Trends & Technologies' organized by DELNET, New Delhi on 20th November 2019.

TRANSPORT FACILITY

A total of 5 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, CARE Group of Institutions has a total strength of 336 students with 43 admissions in first year UG, 34 admissions in first year PG, 8 admissions through Lateral entry and 1 admission through Transfer scheme.

UNIVERSITY RESULTS

This year our performances in University exams are reasonably well even though the introduction of 'outcome based education' and related exam question papers systems are new to our students. The stringed procedures established in R2017 in allowing students to move to higher semesters have made the students in general to be more serious about the exams.

Average all pass % of CARE-UG considering last 2 semesters is 30 %.

Considering theory subjects in last 2 semesters:
100 % results have been achieved in 3 theory subjects.

90-99 % results have been achieved in 9 subjects and

80-89% results have been achieved in 28 subjects.

DEGREES AWARDED

CARE Group of Institutions has completed Ten academic years and we are progressing in the 11th year. Seven batches of B.E and Five batches of M.E have passed out.

In '2019 passing batch', 48.2 % of CARE Group of Institutions students have been awarded degrees in the convocation held at Anna University, Chennai in December 2019.

Degrees awarded in 40th Convocation held at Anna University in December 2019				
Branch Name	**2019 passing Batch**		**Pre 2019 Awarded**	**Total Awarded**
	Appeared	**Awarded**		
Civil Engineering	44	20	5	25
Computer Science Engineering	16	7	-	7
Electrical and Electronics Engineering	-	-	1	1
Electronics and Communication Engineering	13	4	1	5
Mechanical Engineering	55	24	7	31
Material Science Engineering	17	8	1	9
ME-Construction Engineering and Management	9	8	-	8
ME-Engineering Design	4	2	-	2
MBA	10	8	1	9
Total	168	81	16	97

CLASS TOPPERS IN THE ACADEMIC YEAR 2018-2019

Considering Even 2018-19 and Odd 2019-20 semesters, **17** of our students have secured higher AGPA and emerged as class toppers in their respective departments.

1 student has earned above 9 AGPA and 6 students have earned above 8 AGPA.

RESEARCH GRANTS / TEST & CONSULTANCY PROJECTS

1. In the current academic year, Department of Mechanical Engineering, generated a fund of Rs.61,200/- through SEM & XRD testing and analysis services.

2. Mr.J.Muthukumar and Mr.Sunil Allen were awarded Grants of Rs.40000/- by DST, under NIMAT project scheme to conduct an Entrepreneurship Awareness Camp, during September 2019. Mr.J.Muthukumar is one of the nominees for the prestigious Dr.V.G.Patel Memorial Award for the best Trainer/Educator/Mentor award.

3. Dr.J.Jeyarani of ECE applied for CSIR sponsorship for conducting FDP on the topic 'Future Trends in Non Invasive Methods of Sensing Photonic Crystal Fiber'

PLACEMENTS

In the current academic year 85% of the final year students opted for Jobs while most of the remaining students opted either to become entrepreneur or prefer to go for higher studies. Thanks to the earnest effort put by CARE Placement Cell lead by Mr.P.Selvakumar. 100% of the 'job opted Engineering students' of '2020 passing batch' have been placed with placement offers from 19 companies in the pay band of Rs. 1.2 LPA to 4.56 LPA. 14 students got 2 offers, 2 students got 3 offers and 3 students got 4 offers.

Branch	Students placed	No. of 2 offers	No.of 3 offers	No.of 4 offers	Total offers
Civil	20	2	-	-	22
CSE	26	7	1	3	44
Mech	40	5	1	-	47
Total	86	14[x1]	2[x2]	3[x3]	113

So far 34 Companies visited our campus in the current academic year for placements. We permit other college students also in our placement drives and so far 291 offers issued for other college students in our college placement drives.

RESEARCH PUBLICATIONS

CARE always encourage faculty to do research in their field of specialization. In the current academic year Mr.P.Selvakumar of ECE was approved by Anna University for registering Ph.D under part Time scheme.

CARE also encourage staff to do research in collaboration with students, as it serves a strong motivation factor for students along with good research exposure and confidence.

In the Academic year 2019-2020,

6 research works have been published in International Journals**.**

3 research works have been presented in International Conferences.

EVENTS ORGANIZED

In addition to academic activities, CARE believes in '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 2019-2020, following events have been successfully organized:

7 Guest lectures

4 National level technical Symposia

15 Workshops

5 Seminars and

13 Short term Value added Courses with 298 students.

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 7 Industries.
- Students underwent in-plant training & internships in 25 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 2019-20,

- Students participated in 18 different Technical events, 16 General events like Workshops; Seminars & Short term Courses in other colleges.
- Our faculty attended 9 seminar programmes in other colleges.
- 5 of our faculty participated/presented papers in 2 Conferences
- 7 of our faculty attended 5 other college workshops.
- 38 of our Faculty attended FDP in other colleges and 40 of our faculty attended in house FDP on pedagogy.
- 3 of our faculty delivered 4 Guest lectures in other organizations.

- In the current academic year about 18 guests visited our campus for various programmes.
- 54 of our students from various department do online courses through NPTEL, UDEMY, Solo Learn Mobile App, COURSEERA etc.
- 24 of our staff do online courses through NPTEL and UDEMY.

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 following 6 such clubs:

Dramatics club

Music club

Literary club

Tamil club

Eco Care club and

Photographic club

Phoenix'19 – A Cultural Feast

Just like the Mythical bird, Phoenix, which is often an emblem of freshness of youth and lives through another cycle of years, PHOENIX '19 – A Cultural Event that is organized by CARE Group of Institutions creates a legacy for the students to rise in fame.

Phoenix'19, was conducted on 31st August 2019. All clubs jointly conducted 26 various events and Winners were awarded with certificates and prizes. The spot light of the Cultural Programme was the Title Show which was based on the highest point secured by winning multiple events. Mr.Phoenix was bagged by S.P.Bharath of III Year Computer Science Engg.and Ms.Phoenix by K.Shifana Begum of II ECE.

Thai Pongal – A Harvest Festival

Thai Pongal was celebrated by CARE family on 13th January 2020. All CARE students and staff had sweet pongal prepared under the Sun thanking the nature for the wonderful harvest of this year.

Womens Day

Women's Day was celebrated on 07th March 2020 to propagate the theme, "I am Generation Equality: Realizing Women's Rights".

Weekly Events

Every week to make the campus vibrant, English Literary Club, Tamil Mandram, Eco Care, Photography, Dramatic and Music Clubs conducted myriad and mind-blowing activities.

NSS Activities

- NSS Unit resumed its activity with a Yoga on 05.8.19 International yoga day.
- 'Adolescent Health Promotion & Lifestyle Modification Through Ayush' was held on 08.8.2019.
- On 26.11.2019 Indian Constitution day was celebrated.
- One student one tree initiative was launched on 10.10.2019.
- During 12th to 19thJanuary 2020 National youth day was celebrated by spreading quotes of swami Vivekananda among all students.
- "No voters to be left behind" pledge was taken on 25.01.20 at the adopted Thayanur village.
- NSS special camp was conducted from 20.01.2020 to 26.01.2020 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, Educational awareness for Children, Youth and Commons. More than 2000 Thayanur villager zone people got benefitted and appreciated our NSS social works.

SPORTS

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

Games

- Our College **Men Table Tennis** team won **First place** in Anna University Zone.
- Participated in **Inter-zone** Men Table Tennis on 24.11.19 at Abdul Hakim, Vellur.

- Our College **Men Handball** team won **Second place** in Anna University Zone.

- Our College **Women Table Tennis** team won **Third place** in Anna University Zone.

- Our College **Men Badminton** team won **Third place** in Anna University Zone.

Athletics –Anna University Zonal Level

- **B. Janani** of 3rd year ECE secured **1st place** in **Discuss Throw** and **Shotput**.

- **K. Banupriya** of 3rd Year Mechanical secured **2nd place** in **Javelin Throw.**

- **K. Ramakrishnan** of 4th year Mech secured **2nd place** in **1500 meters**.

- **K. Banupriya** of 3rd Year Mechanical secured **3rd place** in **Discus Throw.**

- **P. Keerthana** of 2nd year ECE, secured **3rd place** in **400 meters**.

Proud Moments

Women sports students of CARE Group of Institutions made us proud by securing 3rd place in overall points at Anna University Zonal Athletic Meet for Women.

SIGNIFICANT EVENTS / ACHIEVEMENTS

Following are some of the significant achievements of the college:

1. 100 % Students placed

2. New courses proposed

3. Added 5000 e-books in library

4. Since inception of SIH all years our student projects are shortlisted.

5. Over 500 Higher secondary and Polytechnic students visited our campus.

6. Vibrancy through various programs (project expos, Medi camps, e-waste, Talent search programs, professional associations, Clubs, Social programs, sports etc.)

7. Distinguished guests through key note addresses, start-ups etc.

8. Friendly climate for budding entrepreneurs.

Some of these department level activities are given in Appendix -24.

CONCLUSION

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

- The Institute continues to be more dynamic with respect to offering chosen courses.
- Continues investing in building new capacity and additional capability for efficient execution.
- Invests in new technology and related skill development for better learning.
- Continues breaking its own previous achievements in placements.
- Provides meaningful Engineers to the society.
- New approaches towards executing student projects.
- Offers socially responsible inclusive programmes for mutual benefits.
- Sustained efforts made in establishing industry connects.
- Establishes well defined metrics and balance score cards for all round growth.

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

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