



V.S.B. ENGINEERING COLLEGE, KARUR

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018-2019

NEWS LETTER

CHAIRMAN'S MESSAGE:



Shri. V.S. Balsamy
Founder - Chairman

Warm Greetings!

Our Institution, a temple of learning and a hallmark of discipline, treads towards the zenith of glory by preferring the education of global standards in the best quality and variety, and substantiates to be a benchmark among all the colleges in India. The College Management, the members of the faculty and all other employees travail topmost rung of the ladder of education.

Within a short span of time, we have spared the students with all the requirements as necessitated by the University Norms. We give an impetus for ever to our V.S.B. Engineering College. I cordially greet all the students, who strive for academic and moral excellence, to be a part of the V.S.B. Educational family and to graduate successfully as world-class professionals. I do

always solicit the entrepreneurs / recruiters to conduct campus recruitment drive in our institution and I assure that our students will ascertain their expertise in the organizations in which they are recruited for mutual development.

HOD'S MESSAGE:

Our department has 24 dedicated, well-qualified and experienced faculty members who are specialists in the areas of Internet of Things, Green Computing, Cloud Computing, Software Testing, Machine Learning, Artificial Intelligence, Data Mining, Cognitive Computing, Operating Systems, Image Processing, Wireless Sensor Network, Information Security and Programming Languages. They actively involve themselves in research activities in the field of their specialization.

They have published a number of papers in Journals and Conferences of National and International repute. The department attributes its success to the creative and innovative outlook of its students also. It encourages students to participate in numerous symposiums and to present papers in them. Students are also made to undergo in-plant training programs, where they hone their technical skill in the realm of computers.

VISION OF THE DEPARTMENT:

To produce competent Computer Science Engineers through Quality Education and Research.

THE BUMBLE BEE

According to scientists, the bumblebee's body is too heavy and its wing span too small. Aerodynamically, the bumblebee cannot fly. But the bumblebee doesn't know that and it keeps flying. When you don't know your limitations, you go out and surprise yourself. In hindsight, you wonder if you had any limitations. The only limitations a person has are those that are self-imposed. Don't let education put limitations on you.

MISSION OF THE DEPARTMENT:

The Department strives to contribute to the expansion of knowledge in the discipline of Computer Science and Engineering by,

- ❖ Adopting an efficient teaching learning process in correlation with industrial needs.
- ❖ Ensuring technical proficiency, facilitating to pursue higher studies and carry out R&D activities.
- ❖ Developing problem solving and analytical skills with sound knowledge in basic sciences and Computer Science Engineering.
- ❖ Inculcating managerial skills to become socially responsible, ethical and competitive professionals.

PROGRAM EDUCATIONAL OBJECTIVES

(PEOS):

The Graduates of Computer Science and Engineering are able to

- ❖ Work in Multinational companies and become successful IT professionals.
- ❖ Pursue higher studies and have their career in educational institutions / research organizations, or be entrepreneurs.
- ❖ Possess social responsibility, team work skills, leadership capabilities and urge for learning in their professional fields.

PROGRAM SPECIFIC OUTCOMES (PSOS):

- ❖ Applying the mathematical and computing knowledge to identify and provide solutions for solving computing problems.
- ❖ Involving students enthusiastically in software development, software testing, storage, computing and business intelligence sectors.
- ❖ Making them to use their technical expertise in latest technologies and update knowledge continuously in Computer Science and Engineering to excel in career.

ACHIEVEMENT DETAILS:

Semester Results:

S. No.	Class/ Semester	Overall Pass (%)
1	I CSE / II	77.77
2	II CSE / IV	71.81
3	III CSE / VI	85.57
4	IV CSE / VIII	100
Overall Percentage (%)		82.36

100 % Result Achievement:

S.No.	Name of the Staff	Name of the Subject	Year / Semester
1.	Mr.S.Gunasekaran	SPM	IV /VIII
2.	Mr.U.Gowri Sankar	HCI	IV /VIII
3.	Mr.M.Senthilkumar	HCI	IV /VIII
4.	Mr.D.Vigensh	MCA	IV /VIII
5.	Ms.K.Santhiya	MCA	IV /VIII
6.	Ms.R.Keerthana	CD	III/VI
7.	Mr.M.Parthiban	ST	III/VI

FACULTY TECHNICAL ARTICLES:

1. **Dr.C.Sumithiradevi** - Improved K-Means with Fuzzy-Genetic Algorithm for Outlier Detection in Multi-Dimensional Databases.
2. **Mr.M.Parthiban, M.E., (Ph.D)** - Improved K-Means with Fuzzy-Genetic Algorithm for Outlier Detection in Multi-Dimensional Databases.
3. **Mr.P.Anbumani, M.E.,** - Improved K-Means with Fuzzy-Genetic Algorithm for Outlier Detection in Multi-Dimensional Databases.
4. **Mr. M.Senthil Kumar, M.E.,** - Improved K-Means with Fuzzy-Genetic Algorithm for Outlier Detection in Multi-Dimensional Databases.
5. **Mr.S.Prabakaran, M.E.,** - Power Consumption in Smart Home Using Raspberry Pi.
6. **Mr.S.Gunasekaran, M.Tech.** - Power Consumption in Smart Home Using Raspberry Pi.
7. **Mr.S.Prabakaran, M.E.,** - Segregation of Degradable and Non Degradable using Sensor.

FACULTY CERTIFICATION COURSES:

NPTEL ONLINE COURSE


Date	Title of program	Name of the Faculty	Graded / Elite
28.10.18	Introduction to IOT	P.Matheswaran	Elite
28.10.18	Programming in C	R.Vijayaganth	Elite
28.10.18	Software Testing	M.Parthiban	Graded
28.10.18	Programming in C	M.Vasudaven	Graded
28.10.18	Programming in C	P.Krishnamoorthy	Graded

Guest Lecture:

Date	Title of program	External Expert
08.09.18	Guest lecture on Data Structures	Dr.R.Mohan



STUDENT ACHIEVEMENTS: (2013 – 2017 BATCH)

	Anna University Rank	
	26 th Rank	
Student Name	Course	CGPA
A.Priyanka	B.E	8.85

INDUSTRIAL VISIT:

Sl. No	Year/ Semester & Date	No. of Students	Name of the company Visited
1	III / V & 25.08.18	43	Accent techno park, Coimbatore
2	II / III & 08.09.18	52	Aniframes Animation and Multimedia



Student Workshop Participation:

S.No.	Organization	Student count
1.	K.Ramakrishnan College of Engineering	7
2.	Kongu Engineering College	10
3.	NIIT Trichy	19
4.	LITZ TECH, Coimbatore	12
5.	Karpagam College of Engineering, Coimbatore	1
6.	PSG College of Technology, Coimbatore	3
7.	CIT, Coimbatore	4

RESEARCH:



Research being a remarkable way of gaining knowledge excellence plays an important role in the upliftment of career. Our department focuses more on research

by encouraging faculties to submit their valuable ideas as proposals to various funding agencies. We the department of CSE has been recognized as the center for research approved by Anna University, Chennai. To encourage research activities, our faculties are frequently provided with On-duties and financial supports to carry out the same.

STUDENT PAPER PRESENTATION:



Paper Presentation is all about how you put your topic or present your topic in front of the audience. They see the way you present your topic, the way

you put your points, your presentation style, your language and how promptly and effectively you answer their questions.

There are number of students who often ask why paper presentation skills are required in the corporate world. The paper presentation topics are more valuable for the students to share their knowledge and improve their communication skills. These skills play a prominent role not only during their engineering course, but also after the completion of their course, especially during their job search and career advancement.

Therefore, in this competitive world – one of the important qualities to have, in business, or in any other field to move ahead swiftly – is the ability to present well.

SYMPOSIUM:

The SKARA 2k18 is the National level technical symposium conducted on April 2018 by Students.



PAPER PRESENTATION– INTERNATIONAL CONFERENCE:

S.No.	Date	Student count	Paper Name
1	16.03.18 & 17.03.18	55	Sengunthar College of Engineering, Tiruchengode
2	26.02.18	6	Karpagam University

PLACEMENT:

The ultimate objective of this four year programme is to get placed in a decent organization. For achieving this, our department concentrates more on enhancing the technical skills of every student to meet the industry requirements. The process starts with analyzing the gap between industry and academia followed by identifying the possible ways of bridging the gap using suitable skill sets to make students industry ready.

The efforts taken by our esteemed faculties produced fruitful results which allowed a total of 50 students to bag offers from highly reputed organizations with more than 3 Lakhs Salary. The placed students count with company details are showcased below.

PLACEMENT LIST:

S.No.	Company Name	No. of students
1	TCS	21
2	ARICENT	12
3	VURAM	1
4	CAPGEMINI	15
5	AMPSHISOFT	3
6	L&T	6
7	IBM	23

FACULTY JOURNAL PUBLICATIONS:

Sl. No.	Academic Year	Journal Publication
1	2018 – 2019	3

AWARDS AND ACHIEVEMENTS:

Sl. No.	Academic Year	No. of Students
1	2018 – 2019	3



STUDENT CO-CURRICULAR ACTIVITIES - COUNT:


Sl. No.	Academic Year	Paper Presentation	Workshop/ Seminar
1	2018 – 2019	18	50

Department Strategies:

- ❖ The Professors in the department are supposed to make atleast 2 innovative project proposals, out of that one has to get grant from any national or international funding agency.
- ❖ Atleast one innovative student project proposal per - semester must be made ready and out of that one per year has to fetch grant.
- ❖ Faculty members of the department has to encourage the students to present their ideas in National or International conferences, symposium in the form of papers. Atleast 25% of the overall students has to be made presented every semester. Also we have to ensure 2 % of the entire participated students has to won prizes.
- ❖ All the faculty members has to publish their innovative ideas in non-paid Anna university Annexure—I or Annexure—II Journals. Atleast one paper per semester has to be published.
- ❖ All faculty needs to enlist for NPTEL online course. Topper students in the department additionally need to enroll.
- ❖ Department has to take minimum 3 consultancy projects per an academic year.

STUDENT'S CORNER:

Smile:

I was smiling yesterday,
I am smiling today and

I will smile tomorrow.

Simply because life is too short to
cry for anything.
By **PRADEEP N**

Unique:

The Person Who Says It Cannot Be Done
Should Not Interrupt The Person Who Is
Doing It.

By
PAVITHRA A

Friendship:

எப்படிமறக்கமுடியும்...?
தொலைத்தது
பள்ளியைமட்டுமல்ல
எங்கோ
தொலைத்தாரம்வாழும்
நண்பனையும்.

BY
ARUKUMAR S

Life's Battle:

Never stop fighting until you arrive at your
destined place - that is, the unique you. Have
an aim in life, continuously acquire
knowledge, work hard, and have
perseverance to realize the great life.

By
ABINAYA M

Childhood:

The goal of education is not to increase
the amount of knowledge but to create
the possibilities for a child to invent
and discover, to create men who are
capable of doing newthings.

By Arjun

School:

அரிய செயல்கள் அனைத்தும்
விடாமுயற்சியாலேயே அடையப்
பெற்றிருக்கின்றன; வெறும்
வலிமையால் மட்டும் அல்ல.

By
KARTHIKEYAN

Time Passes:

As time passes, the actual complexity of
our history - even of our own personal
experience - gets buried under the
weight of the ideal image.

BY
NAVEENA.K

Editorial Board

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