



(Estd: 2001)

# VIVEKANANDHA

## COLLEGE OF ENGINEERING FOR WOMEN

[ Autonomous ]

[www.vcengg.ac.in](http://www.vcengg.ac.in)



Prof. Dr. M. KARUNANITHI  
Chairman & Secretary

# NEWSLETTER

## 2018-2019

### JUNE - NOV (ODD SEM)



# DEPARTMENT OF INFORMATION TECHNOLOGY

## **PREAMBLE & PERSPETIVE OF THE DEPT.**

The Department of Information Technology was established in the year 2001. During the inception the intake was 45. Intake was increased to 60 in 2004 and 120 in 2007. The Department is offering UG (B.Tech Degree in IT) and PG (M.Tech. Degree in IT) courses. The department concentrates in imparting value based education and reach for the highest levels of intelligence in all works of life and to provide individual attention and to give more room for research and industrial interaction. The Department has a separate library with the collection of more than 600 books for exclusive use of faculty and students.

## **DEPARTMENT INFRASTRUCTURE**

The department has three state of the art laboratories having 250 computers with latest configuration and all the necessary software, packages, updated versions of operating system and antivirus software has been installed.






The department has separate labs for all academic laboratory courses with well equipped server, clients and software and they are:

- Compiler design lab
- Case tools lab
- Enterprise computing lab
- Operating system lab
- Database management lab
- Basic programming lab
- Web technology lab
- Unix lab
- Oops lab
- Networks lab

- Software development lab
  - Mobile computing lab
  - Data Analytics Lab
- Software Available
- 
- Borland Turbo C++
  - Media Kit for Office 2003 Pro
  - Media Kit for Office 2003 Pro
  - Media Kit for Oracle 10g Std and Internet Developer Suite
  - Media Kit for SQL Server 2005
  - Media Kit for Visual Studio pro2005
  - MSDN Academic Aliance
  - Adobe creative suite-3 Web premium
  - Matlab
  - Rational rose
- Internet Facility
- Wi-Fi facility with 8Mbps provided to the students for 24 hours

## **FACULTY PROFILES**

S.N O	Faculty Name	Design ation	Qualificati on	Total Experienc e In Years	Number Of Papers Published in a Reputed journals	Area of Expertise	Ph.D Guid ance	Invited Guest delivere d details	PHOTO
1	Dr.N.M.SaravanaK umar	Prof & HOD	B.E., M E., Ph.D.,	17.5	29	Network Security, Cloud Computing & Big Data	9	5	
2	Dr.E.Menaka	prof	B.Tech., M.E., Ph.D.,	16.2	25	Image Processing	-	2	
3	Dr.M.Tamilarasi	ASP	B.Tech., M.E., Ph.D.,	10.2	3	Data Mining	-	-	

4	Mr. E. Thangadurai	AP	B.E., M.E.,	12.6	14	Networking	-	1	
7	Ms R Logambal	AP	B.E., M.E.,	7.7	-	Networking	-	-	
8	Mr M Shankar	AP	B.Tech., M.E.,	7.8	-	Networking	-	-	
9	Mr. K. Prabhakar	AP	B.Tech., M.E.,	8.5	11	Data Mining	-	-	
10	Ms M. Madlin Asha	AP	B.Tech., M.E.,	7.7	9	Image Processing	-	-	
12	Mr.P.Rajasekaran	AP	B.Tech., M.E.,	4.4	5	Computer Networks	-	-	
13	Ms.M.Rajeshwari	AP	B.Tech., M.E.,	3.1	-	Data Mining	-	-	
14	Ms.S.Anandhi	AP	B.E., M.E.,	3.3	-	Computer Networks	-	-	
15	Ms.A.Priyadhar Shini	AP	B.E., M.E.,	5.1	-	Data Analytics	-	-	

## **STUDENT ACHIEVEMENTS**

1. P. Vanitha selected in Anna University Cricket team

## **INDIVIDUAL ACHIEVEMENT**

2. E. Thangadurai won the super badge from “Sales Force BSX “FDP” program held in KSRIET, Tirchengode.

### **PUBLICATIONS**

<b>S.No</b>	<b>Name of the staff</b>	<b>Title of the Paper</b>	<b>Name of the Journal with Vol.No. and Page details</b>	<b>Vol, Issue, Year</b>
1.	Dr.N.M.Saravana Kumar, HoD/IT	Comparative Study of Lossy and Lossless Image Compression Techniques	International Journal of Engineering & Technology	Volume : 07 and Issue : 34,2018
2.	Dr.N.M.Saravana Kumar, HoD/IT	Comparative Study of Vector Quantization in Image Compression	International Journal of Engineering & Technology	Volume : 07 and Issue : 34,2018
3.	Dr.N.M.Saravana Kumar, HoD/IT	Enhancing the Efficiency of Routing Protocols in VANETS by defending Dos Attacks using BF-IPCM	Int. Journal of Advanced Networking and Applications,	Volume: 09 Issue 04,2018
4.	Dr.N.M.Saravana Kumar, HoD/IT	Secure Key Management Scheme for Multicast Network using Graphical Password"	MANET	Accepted
5.	Dr.N.M.Saravana Kumar, HoD/IT	A Survey on Topology based Reactive Routing Protocols in Vanets	GJCST-E	Volume 18, Issue 4
6.	Dr.N.M.Saravana Kumar, HoD/IT	An Awareness Show: Vehicle Accident Root Cause Analysis in Tamilnadu	RESEARCH REVIEW International Journal of Multidisciplinary	Volume-04 Issue-01 January -2019

## DEPARTMENT ACHIEVEMENTS

S. No	Academic Year	Name of the Proposer	Name of the Scheme	Title of the Proposal	Funding Agency/ Dept	Date of the Program	Applied/ Sanctioned Amount	Status
1.	2018-2019	Dr.N.M.Saravana Kumar Dr.M.Tamilarasi	FDP ( Self Supporting Scheme)	Theory of Computation	Anna University	20.11.18-03.12.18	Self Supporting Scheme	Completed
2.		Dr.N.M.Saravana Kumar	Mega Science Expo' 18	Competition and Science Exhibition for School Students	TNSCST	10.10.18-12.10.18	Rs.10,000	Completed
3.		Dr. E. Menaka, Mrs.M.Madlin Asha	Seminar	Adults Suicide Attempts and Psychological Counseling for School Students in Namakkal	ICMR	06.07.18	Rs.50,000	Completed

## PHOTO GALLERIES

### **ICMR SPONSORED NATIONAL SEMINAR ON ADULTS SUICIDE ATTEMPTS AND PSYCHOLOGICAL COUNSELING FOR SCHOOL STUDENTS On 6<sup>th</sup> JULY 2018**



**“DATA ANALYTICS” WORKSHOP ON 10<sup>th</sup> JULY 2018**



**ICT ACADEMY SPONSORED TWO DAYS FACULTY DEVELOPMENT PROGRAM  
ON  
EMOTIONAL INTELLIGENCE On 18<sup>th</sup> & 19<sup>th</sup> JULY 2018**



**ICT ACADEMY SPONSORED ONE DAY POWER SEMINAR  
ON  
CAREER OPPORTUNITIES IN IT/ITES SECTOR ON 11<sup>th</sup> AUGUST 2018**



**ASSOCIATION INAUGURATION ZEALTECH'18 ON 1<sup>st</sup> SEPTEMBER 2018**



## HANDS ON TRAINING IN JAVA PROGRAMMING ON 1<sup>st</sup> SEPTEMBER 2018



## ICT ACADEMY SPONSORED TWO DAY FACULTY DEVELOPMENT PROGRAM On “EMOTIONAL INTELLIGENCE” On 18<sup>th</sup> & 19<sup>th</sup> JULY 2018



**ICT ACADEMY CONTRIBUTED A RESOURCE PERSON FOR ENGINEERS DAY 2018**



**ICT ACADEMY MEMBERS PARTICIPATED INDUSTRY INTERACTION MEETING WITH OUR UGC COMMITTEE ON 7<sup>TH</sup> SEPTEMBER 2018**



**ICT ACADEMY HAD DELIVERED A SESSION ON THE TOPIC “EMPLOYABILITY TRENDS IN TECHNOLOGY ERA”.**



**ICT ACADEMY ORGANIZED A “YOUTH TALK 2018”**



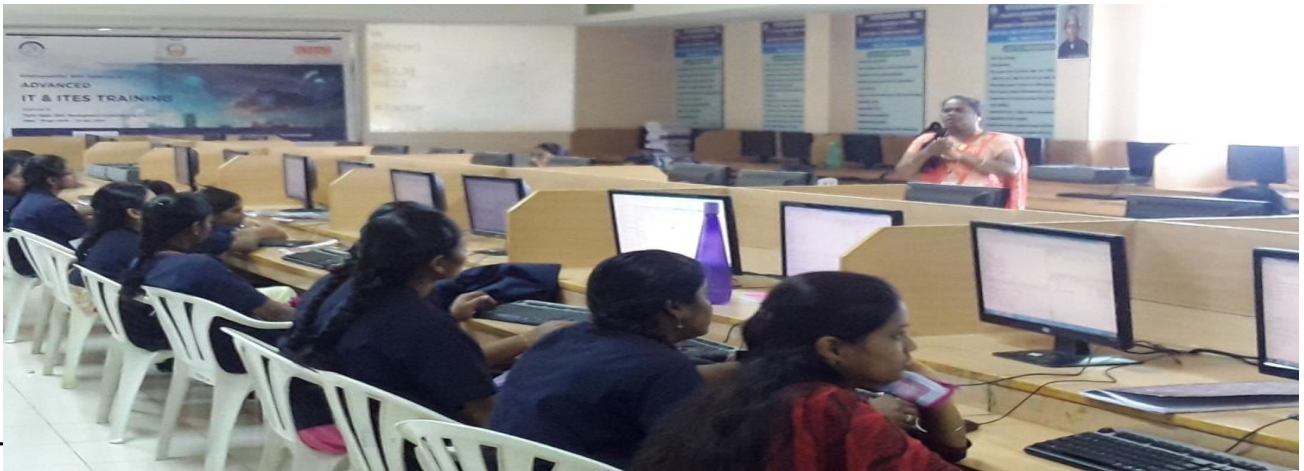
**ICT ACADEMY ORGANIZED A “YOUTH LEADERSHIP SUMMIT 2018”**

**On  
12th October 2018**



**ICT ACADEMY IN ASSOCIATION WITH TAMILNADU SKILL DEVELOPMENT CORPORATION(TNSDC)  
TRAINING PROGRAM “ADVANCED TRAINING IN IT/ITES”  
On 8<sup>th</sup> January 2019 to 12<sup>th</sup> February 2019.  
Inaugural Function**







**R & D CENTER & ACTIVITY**

<b>S. No</b>	<b>Academic Year</b>	<b>Name of the PI</b>	<b>Name of the Funding Agency</b>	<b>Title of the Proposal</b>	<b>Date of Applied</b>	<b>Proposed Amount in Rs.</b>	<b>Status</b>
1.	2018-2019	Dr.M.Tamilarasi	DST	Entrepreneurship Programmes (09 nos.)	04.02.19	Rs. 10,00,000	Applied
2.		Dr.E.Menaka M.Madlin Asha	TNSCST DIT Programme	Seminar on Psychological Counselling for Young Women to overcome shyness and anxiety	31.12.18	Rs. 50,000	Applied
3.		Dr.E.Menaka M.Madlin Asha	TNSCST DIT Programme	Seminar on Digital Distraction for School Students in Namakkal District	31.12.18	Rs. 50,000	Applied
4.		Dr.M.Tamilarasi R. Logambal	TNSCST DIT Programme	Internet of Things in Agriculture for Smart Farming	26.12.18	Rs. 50,000	Applied
5.		Dr.M.Tamilarasi	UGC	Application Development using Gesture based Robotics	26.12.18	Rs. 1,00,000	Applied
6.		Dr.M.Tamilarasi	ICMR	Awareness of Healthy Diet for Adults and Children through Traditional Nutritious Food and Herbal Kitchen Garden	19.12.18	Rs. 5,00,000	Applied
7.		Dr.E.Menaka	PRERANA- Programme Centre for SC/ST Students	Motivational Course for Competitive Exams	28.11.18	Rs. 6,06,600	Applied

8.	2018-2019	Dr.M.Tamilarasi	DST Women Scientist B-Scheme	Sentimental Analysis of Dietary Patterns and Malnutrition from Food Habits of Children Using Deep Learning	16.11.18	Rs. 8,00,000	Applied
9.		Dr.E.Menaka	DST Women Scientist B-Scheme	Analysis of Deforestation using Remote Sensing Images in Sathyamangalam, Tamilnadu, India	15.11.18	Rs. 12,86,000	Applied
10.		Dr.N.M.Saravana Kumar	AICTE-RPS	Machine Learning Approach for Sensitive Disease Monitoring System using Data Mining Techniques	14.11.18	Rs. 1,94,000	Applied
11.		Mr. E. Thangadurai	AICTE-STTP	IoT Applications using Python Programming	14.11.18	Rs. 8,23,529	Applied
12.		Dr.N.M.Saravana Kumar Dr.M.Tamilarasi	Anna University FDTP	Theory of Computation	26.10.18	Self Supporting Scheme	Applied
13.		Dr. N. M Saravana Kumar M.Rajeshwari	DST Project Proposal	A Machine Learning approach for Sensitive Disease Monitoring System using Data mining Techniques	22.10.18	Rs.8,65,000	Applied
14.		Dr.E.Menaka M.Madlin Asha	TNSCST	Psychological Counselling for adults to overcome shyness and Social Anxiety	13.07.18	Rs. 80,000	Applied
15.		Dr.M.Tamilarasi R.Sangeetha	CSIR	Green Computing Techniques for E-waste disposal in Smart Cities	14.07.18	Rs. 43,300	Applied

## **GRANTS RECEIVED REPORT**

<b>S. No</b>	<b>Academic Year</b>	<b>Name of the Proposer</b>	<b>Name of the Scheme</b>	<b>Title of the Proposal</b>	<b>Funding Agency/ Dept</b>	<b>Date of the Program</b>	<b>Applied/ Sanctioned Amount</b>	<b>Status</b>
1.	2018-2019	Dr.N.M.Saravana Kumar Dr.M.Tamilarasi	FDP ( Self Supporting Scheme)	Theory of Computation	Anna University	20.11.18-03.12.18	Self Supporting Scheme	Completed
2.		Dr.N.M.Saravana Kumar	Mega Science Expo' 18	Competition and Science Exhibition for School Students	TNSCST	10.10.18-12.10.18	Rs.10,000	Completed
3.		Dr. E. Menaka, Mrs.M.Madlin Asha	Seminar	Adults Suicide Attempts and Psychological Counseling for School Students in Namakkal	ICMR	06.07.18	Rs.50,000	Completed

## **PLACEMENT ACHIEVEMENTS**

### **PLACED STUDENTS NAME LIST- 2018-2019**

<b>S.NO</b>	<b>NAME OF THE STUDENTS</b>	<b>DEPT</b>	<b>COMPANY NAME</b>
1.	RAJESWARIS	IT	TCS
2.	KAVINYA.A	IT	TCS
3.	KAVIYAVARSHINI. N	IT	CAPGEMINI
4.	PREMA.S	IT	CAPGEMINI
5.	RAGADHARANI.T	IT	CAPGEMINI
6.	A.KOWSALYA	IT	INFOSYS
7.	GAYATHRI.M	IT	FUTURE GENERALI
8.	POORNIMA.A	IT	FUTURE GENERALI
9.	SWATHIKA.M	IT	FUTURE GENERALI
10.	KEERTHANA.S	IT	AAGNA GLOBAL SOLUTIONS
11.	KEERTHANA.S	IT	AAGNA GLOBAL SOLUTIONS
12.	LAKSHANA.S	IT	AAGNA GLOBAL SOLUTIONS

13.	LAKSHMI PRIYA.N	IT	AAGNA GLOBAL SOLUTIONS & MOBIUS KNOWLEDGE SERVICES
14.	MALINI.P	IT	AAGNA GLOBAL SOLUTIONS & MOBIUS KNOWLEDGE SERVICES
15.	SATHYA.A	IT	AAGNA GLOBAL SOLUTIONS
16.	ASWINI.C	IT	TECH MAHINDRA
17.	DHIVYA.S	IT	TECH MAHINDRA
18.	GAYATHRI.B	IT	TECH MAHINDRA
19.	GEERTHANA.P	IT	TECH MAHINDRA
20.	KAVIPRIYA.M	IT	TECH MAHINDRA
21.	KAYALVIZHI.S	IT	TECH MAHINDRA
22.	LAVANYA.N	IT	TECH MAHINDRA
23.	RENUKA.N	IT	TECH MAHINDRA
24.	SWETHA.M	IT	TECH MAHINDRA
25.	VANITHA.P	IT	TECH MAHINDRA
26.	PAVITHRA.S	IT	MOBIUS KNOWLEDGE SERVICES
27.	NANDHINI.A	IT	INTEL NET GLOBAL SERVICES
28.	SHOPIKA.R	IT	INTEL NET GLOBAL SERVICES
29.	TAMILARASI	IT	INTEL NET GLOBAL SERVICES
30.	VASUGI.B	IT	INTEL NET GLOBAL SERVICES
31.	VAISHALI.G	IT	INTEL NET GLOBAL SERVICES

## Sports

The attention-grabbing sports ground with well equipped sports kits are provided for the students. Students are encouraged to participate in Inter/Intra collegiate tournaments, Inter/Intra zonal and State level tournaments. Sports day is celebrated with various Indoor and Outdoor sports for both staff and students.

S.No	Name of the Student	Game	Venue	Date	Position
<b>Assessment year 2018-19</b>					
1.	P. Vanitha- IV IT	Anna University Interzonal Women's	Dr. Mahalinga m College of	22 <sup>nd</sup> to 23 <sup>rd</sup> December 2018	Winner

		Circket Winners (Gold Medal 2018-2019).	Engineering and Technology , Pollachi.		
2.	P. Shathya- III IT	Anna University Interzonal Women's Circket Winners (Gold Medal 2018-2019).	Dr. Mahalinga m College of Engineering and Technology , Pollachi.	22 <sup>nd</sup> to 23 <sup>rd</sup> December 2018	Winner
3.	V.Ponmangayarkarasi- III IT	Anna University Interzonal Women's Circket Winners (Gold Medal 2018-2019).	Dr. Mahalinga m College of Engineering and Technology , Pollachi.	22 <sup>nd</sup> to 23 <sup>rd</sup> December 2018	Winner
4.	N.Mounisha-II IT	Anna University Interzonal Women's Circket Winners (Gold Medal 2018-2019).	Dr. Mahalinga m College of Engineering and Technology , Pollachi.	22 <sup>nd</sup> to 23 <sup>rd</sup> December 2018	Winner
5.	P. Vanitha- IV IT	Interstate school Circket Tourrament Winners( Nest Circket Cup)	Nest Sports Academy, Velur	28 <sup>th</sup> to 29 <sup>th</sup> December 2018	Winner
6.	P. Shathya- III IT	Interstate school Circket Tourrament Winners( Nest Circket Cup)	Nest Sports Academy, Velur	28 <sup>th</sup> to 29 <sup>th</sup> December 2018	Winner
7.	V.Ponmangayarkarasi- III IT	Interstate school Circket Tourrament Winners ( Nest Circket Cup)	Nest Sports Academy, Velur	28 <sup>th</sup> to 29 <sup>th</sup> December 2018	Winner
8.	N.Mounisha-II IT	Interstate school Circket Tourrament Winners ( Nest Circket Cup)	Nest Sports Academy, Velur	28 <sup>th</sup> to 29 <sup>th</sup> December 2018	Winner

# VIVEKANANDHA EDUCATIONAL INSTITUTIONS



**"Vidhya Rathna"**

**Prof. Dr. M. KARUNANITHI**, B.Pharm., M.S., Ph.D., D.Litt.,  
Chairman & Secretary

## TIRUCHENGODE CAMPUS

- ★ SWAMY VIVEKANANDHA MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE
- ★ VIVEKANANDHA DENTAL COLLEGE FOR WOMEN
- ★ SWAMY VIVEKANANDHA COLLEGE OF PHARMACY
- ★ VIVEKANANDHA COLLEGE OF NURSING
- ★ VIVEKANANDHA SCHOOL OF ANM
- ★ SWAMY VIVEKANANDHA PHYSIOTHERAPY COLLEGE
- ★ VIVEKANANDHA ALLIED HEALTH SCIENCE COLLEGE (Co - Ed)
- ★ KRISHNA INSTITUTE OF OPTOMETRY AND RESEARCH
- ★ KRISHNA INSTITUTE OF HEALTH SCIENCE & RESEARCH (Boys)
- ★ KRISHNA INSTITUTE OF HEALTH SCIENCE (Boys)
- ★ VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN (Autonomous)
- ★ VIVEKANANDHA COLLEGE OF TECHNOLOGY FOR WOMEN
- ★ VIVEKANANDHA INSTITUTE OF INFORMATION AND MANAGEMENT STUDIES
- ★ VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (Autonomous)
- ★ VIVEKANANDHA COLLEGE FOR WOMEN
- ★ VIVEKANANDHA COLLEGE OF EDUCATION FOR WOMEN
- ★ KRISHNA COLLEGE OF EDUCATION FOR WOMEN
- ★ VIVEKANANDHA VIDHYA BHAVAN MATRIC HIGHER SECONDARY SCHOOL
- ★ VIVEKANANDHA MEDICAL CARE HOSPITAL (VMCH)

## SANKAGIRI CAMPUS

- ★ SWAMY VIVEKANANDHA NATUROPATHY AND YOGA MEDICAL COLLEGE (Co-Ed)
- ★ VIVEKANANDHA NURSING COLLEGE FOR WOMEN
- ★ VIVEKANANDHA PHARMACY COLLEGE FOR WOMEN
- ★ VIVEKANANDHA ANM SCHOOL
- ★ VIVEKANANDHA INSTITUTE OF HEALTH SCIENCE (Boys)
- ★ RABINDHARANATH TAGORE COLLEGE OF EDUCATION FOR WOMEN
- ★ VISWABHARATHI COLLEGE OF EDUCATION FOR WOMEN
- ★ VIVEKANANDHA ARTS AND SCIENCE COLLEGE FOR WOMEN

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Sankagiri - 637 303, Salem Dt., Tamil Nadu.

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