

NEWSLETTER

DEC'19 – MAY'20



VIVEKANANDHA

COLLEGE OF ENGINEERING FOR WOMEN

[Autonomous]



DEPARTMENT OF INFORMATION TECHNOLOGY

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Final Year IT

General

VISION:

Providing quality education to transform students into technically competent skilled women to excel in IT profession, innovation and entrepreneurship.

MISSION:

- To empower knowledge on cutting edge technologies in the field of information technology to develop innovative solutions for real-world problems.
- To create a problem for innovation, research and new technology development.
- To inculcate ethical practices and sense of societal responsibilities to support the career and personal development of the learners.



IT OBTAINS NBA ACCREDITATION IN TIER-1

IT along with CSE and Bio-Technology Departments bags National Board of Accreditation in Tier-1 list of Colleges.



IT HAS A CENTER OF EXCELLENCE

DELL EMC (EXTERNAL RESEARCH & ACADEMIC ALLIANCE) Center of Academic Excellence Data Science & Big Data Analytics.

Placement Corner



Our Students in INFOSYS

The Student of Final years IT have got placed in INFOSYS, conducted on 21.10.2019.

"I wholeheartedly thank our management, department and CPC for making us to achieve our goal."

- Harini.K

IV IT



Our Students in Capgemini

The Students of Final years IT have got placed in Capgemini Women's Drive, conducted on our college campus.

"Thank you VCEW, IT department and CPC faculties for helping me achieve my ambition with your guidance and support."

- Gomathi Sree. E

IV IT



Our Students in ATOS

The Student of Final years IT have got placed in ATOS.

"I sincerely thankful to my department and faculties of Centralized Placement Cell for guiding me in a right way in achieving my goal."

- Safia.S
IV IT



Our Students in CSS CORP

The Student of Final years IT have got placed in CSS CORP.

"Thanks to our IT department & HOD who have truly been a support for us during tough times."

- Ponmangayarkkarsi.V

IV IT



Our Students in FUTURE GENERALI

The Student of Final years IT have got placed in FUTURE GENERALI.

"I thank my College Management, IT department and CPC for making me pursue a job offer while studying."

- Priya Dharshini.A

IV IT



Our Students in VINSINFO

The Students of Final years IT have got placed in VINSINFO.

"My sincere gratitude to our Department, College Management & to the faculties of CPC. They have shown continuous support to all of us to pursue our career goal."

- Dharani Priya.A

IV IT

"I am grateful to our department and Centralized Placement Cell who have made our Infosys dream come true. Thank you. "

- Kamali.T

IV IT

" I am very thankful to my department and faculties of Centralized Placement Cell for guiding me in a right path in achieving my dream."

- Priyanka.D

IV IT



Our Students in DXC Technologies

The Students of Final years IT have got placed in DXC Technologies.

"Thankfull to our management for providing us well training to place in MNC company."

Vishnupriya .V

IV IT

"I'm whole heartly thankfull to my entire department and management helped to place in MNC. "

Madhurusha. B

IV IT

" Thank you so much for organizing campus interview. Because of your fantastic training I got placed in MNC."

Muthukowshika.R

IV IT

" faculties of Centralized Placement Cell for guiding me in a right way in achieving my dream. Thankful to our management and faculties. "

AljazeeraBanu. A

IV IT



Our Students in Focus Edumatics

The Students of Final years IT have got placed in Focus Edumatics.

"Heartful thanks to our management and faculties for your support throughout the placement drives and training. "

- Hemavathi.S

IV IT

"Thank you for your entire guidance & support to achieve my dream. I am thankful to our College, Department & Centralized Placement Cell for their help."

- Karthika.D

IV IT

Extra Curricular Activities



Hands-on Workshop on Android Development

Our department had organized Android Application Development workshop Using Kotlin handled by Mr.N.Poovzhirajan, Senior Engineer, Renault Nissan Technology.



Guest Lecture on Applications of Cloud

Our department had organized a one day seminar on Smart Automation Using IOT Technology and its Protocol handled by S.Satheeskumar, General Manager Imagecon India Pvt Ltd.



Guest Lecture on Software Testing and its Tools

One day seminar was organized by our department on Software testing and its tools handled by Mrs.C.Sanjuna, Senior test Engineer, Maveric systems, Chennai



IT Association launches Student Clubs - IMAC

Student's club were launched by our department called IMAC to enhance student's knowledge about the current technologies running around the world. Activities also conducted in club to improve student's skills.



Internshala Student Partner (ISP)

5 Students of our department identified as Internshala Student Partner (ISP) by AICTE -



ICTACADEMY

ICT Academy

Organizing many kind of programs like Faculty Development Program, power seminar, skill development program, youth Leadership summit, Bridge conference and value added courses.

NEWSLETTER



Faculty Development Program

ICT Academy Sponsored a Five Day Faculty Development Program On “DATA SCIENCE AND BIG DATA ANALYTICS” by Mr. HARI PRASATH.E, Senior Technical Trainer ,ICT Academy.



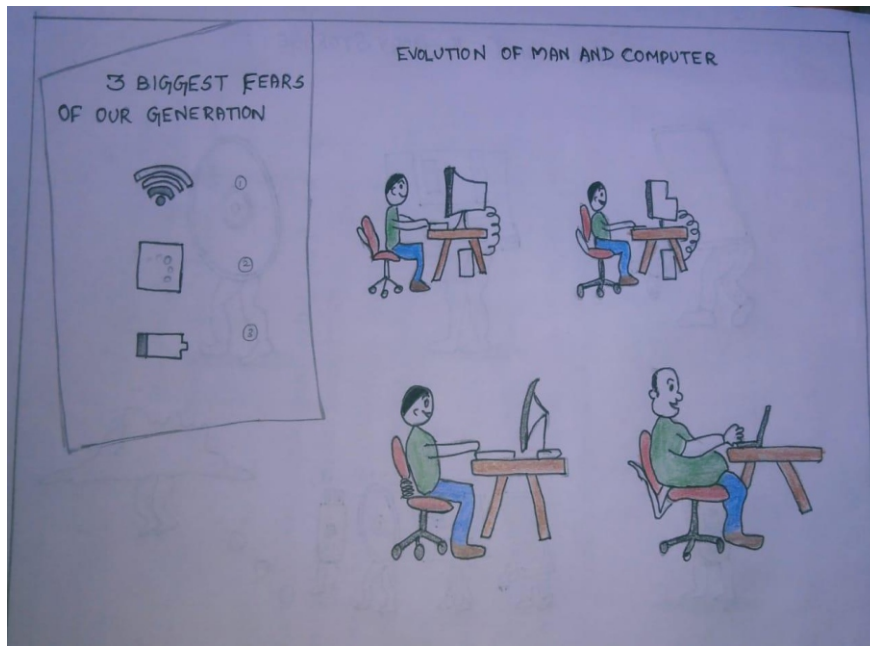
Workshop on Mobile Application Development

Our department organized a IBM workshop Program On “Mobile Application Development” by IBM team members



IT Students in Sports Activities

Our IT Students have won more prices in various sports Activities. Participated and won the matches in Anna University zonal level matches like Ball Badminton, Athletics and volleyball.



Presented by
K. Annapoorani,
Second B.Tech IT.

Educational Tour



Educational Tour to Malaysia

Our department 3rd year B.TECH IT student Ms.Mounisha in Educational Tour, Malaysia Asia Pacific university, February 9 to 15

Alumini corner

Ms. B. VAISHNAVA RAMYA (2011 – 2014 Batch),

Business associate,

Cognizant Technology Solutions,

Chennai.

Hey friends,

We built a services which are operating at high life cycle and it serves multiple requests globally. Most of the services we build are distributed in nature and we make sure that it scales well for thousands of requests per second. Also when I was an intern I worked on machine learning project which was used to classify the incoming tickets for our teams.

MS. N. EZAZ FATHIMA (2007-2011 Batch),

Associate Consultant & Project Manager,

Tata Consultancy Services,

Siruseri, Chennai.

Hey' all,

I am delighted to share some thoughts on what I feel is the next big thing in the field of technology. I feel that artificial intelligence will be the next digital frontier. AI's miracles in the recent years like the robot Sophia, virtual assistants and self-driving cars look promising. It has also become a fashion for corporate strategy as companies boast about their AI acquisitions. Over the next decade, AI won't replace managers, but managers who use artificial intelligence will replace those who don't. On the account, institutions should reshape their Academic program with focus on machine learning because people with a graduate degree in AI will definitely be more attractive and appealing in the market. So, it's no wonder if artificial intelligence brings the second industrial revolution!

Articles (Non Technical)

Silver Rain, Scarlet Stream

Torn apart from glistening eye
Rolls down a pact of silver thread.
Then and there the pact does die
Scarlet, bleeds the heart instead.

“See not much, best I shall pain”,
Bleeding heart begs its part.
“Pain not much, best I shall wail”,
Beady eyes soon retort.
Even as the pact comes to be,
The soul does too much see,

And before it could hide and flee,
The tender heart does start to bleed.

Silver rain softly slides down,
Scarlet stream spills unbound,
Looking out for remains of love.
Instead, finds blood stained, snowy dove.

As voices do, once again raise
Loneliness, a faithful friend to embrace
Trying to stiffen up and face the world

Building a wall to sift through all grace.
Age old ruse, never to cease,
Pain too much even to bear a breeze.
Yet caught in a desert, a wild storm, silver
rain,
Scarlet stream flows on!
Wild rumbling clouds make too much sense,
Flew right over all innocence.
Soon, like a blinding light in a distant
dream,
Silver rain flows out into a scarlet stream.
Yet even beneath the bitter winter snow
Therein lies a lone seed of previous sow,
That one day, by a caressing tendril of Sun's
ray
Becomes a tender scarlet, it may.....

By,

Kannika .J,

Final B.Tech IT.



Women in Engineering

The engineering sector is calling for more female recruits. Despite bright ideas and bold initiatives designed to attract more women into science, engineering and technology (SET), statistics prove that the gender gap is not lessening. The proportion of women opting to study engineering and technology at degree level is static at around 15 per cent. I feel that nowadays, Students are driven towards the fantasy of becoming doctors where at point they start feeling that no profession is best except Doctors. But the fact is whoever it is Engineer or Doctor, who has good skills can shine in their field. As women make advances in the field of engineering, now is the time to consider furthering your own career. There is high demand for engineering professionals in a number of industries, and salary expectations are promising.

One way to set myself apart in this competitive world is through earning an Engineering degree. Engineering degree will not only give you the specialized knowledge you need to succeed in the field, but also provide you with valuable skills that will equip you to take on a leadership role in an engineering organization. It is an immediate signal to employers that you not only have the in-depth experience it takes to succeed in a more senior role, but that you are dedicated to pursuing excellence in the field.

By,

Rakshana .M,

Second B.Tech IT.

5G NETWORK

First generation 1G

1980s: 1G delivered analog voice.

Second generation 2G

Early 1990s: 2G introduced digital voice (e.g. CDMA- Code Division Multiple Access).

Third generation 3G

Early 2000s: 3G brought mobile data (e.g. CDMA2000).

Fourth generation 4G LTE

2010s: 4G LTE ushered in the era of mobile broadband.

1G, 2G, 3G, and 4G all led to 5G, which is designed to provide more connectivity than was ever available before.

5G is a unified, more capable air interface. It has been designed with an extended capacity to enable next-generation user experiences, empower new deployment models and deliver new services. With high speeds, superior reliability and negligible latency, 5G will expand the mobile ecosystem into new realms. 5G will impact every industry, making safer transportation, remote healthcare, precision agriculture, digitized logistics — and more — a reality



There are several reasons that 5G will be better than 4G:

1. 5G is a unified platform that is more capable than 4G.

While 4G LTE focused on delivering much faster mobile broadband services than 3G, 5G is designed to be a unified, more capable platform that not only elevates mobile broadband experiences, but also supports new services such as mission-critical communications and the massive IOT. 5G can also natively support all spectrum types (licensed, shared, unlicensed) and bands (low, mid, high), a wide range of deployment models (from traditional macro-cells to hotspots), and new ways to interconnect (such as device-to-device and multi-hop mesh).

2. 5G uses spectrum better than 4G.

5G is also designed to get the most out of every bit of spectrum across a wide array of available spectrum regulatory paradigms and bands—from low bands below 1 GHz, to mid bands from 1 GHz to 6 GHz, to high bands known as millimeter wave (mm Wave).

3. 5G is faster than 4G.

5G can be significantly faster than 4G, delivering up to 20 Gigabits-per-second (Gbps) peak data rates and 100+ Megabits-per-second (Mbps) average data rates.

4. 5G has more capacity than 4G.

5G is designed to support a 100x increase in traffic capacity and network efficiency.

5. 5G has lower latency than 4G.

5G has significantly lower latency to deliver more instantaneous, real-time access: a 10x decrease in end-to-end latency down to 1ms.

Presented by
K. Swathy,
Second B.Tech IT.

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
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- ★ 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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