DR MAHALINGAM

MCET

COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

DR.MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY

POLLACHI-03

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Department of Information Technology

Vision

To become a Centre of Excellence in education and research in the field of Information Technology, to meet global challenges in computing industries.
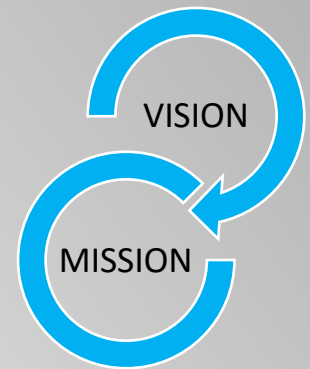
Mission

To impart world-class knowledge in the field of Information Technology.

To support and facilitate research and development activities.

To promote industry-institute interactions to empower the faculty members and students.

To develop all round personality by inculcating the values and skills needed for students to upgrade themselves as IT professionals.

Programme Educational Objectives (PEOs)

The graduates will:

PEO1. **Technical Expertise:** Have high level of technical competency to identify problems and to generate innovative solutions, which would conform to the needs of IT industry.

PEO2. **Lifelong Learning:** Successfully adapt to changes in roles and responsibilities, through lifelong learning, for collaborating professionally with various stakeholders.

PEO3. **Ethical Knowledge:** Ethically apply their computing knowledge and skills considering societal, economic and environmental factors.

Programme Outcomes (POs)

The graduates of Information Technology Programme will be able to:

PO 1. **Engineering knowledge:** Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization in the field of Information Technology.

PO 2. **Problem analysis:** Identify, formulate, analyze and solve complex problems in computing industries using principles of mathematics, natural sciences and engineering sciences.

PO 3. **Design/development of solutions:** Design a software solution for complex engineering problems and design system processes to meet specific needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

PO 4. **Conduct investigations of complex problems:** Conduct investigations of complex problems including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusion.

PO 5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO 6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7. **Environment and sustainability:** Understanding the impact of engineering solutions in social environment and exhibit the knowledge for sustainable expansion.

PO 8. **Ethics:** Realize and bind to professional ethics and the norms of engineering practices.

PO 9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.

PO 10. **Communication:** Communicate with engineers and society to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions related to IT Professionals.

PO 11. **Project management and finance:** Demonstrate and apply the knowledge of engineering and management principles to one's own work, as a team leader or a member to manage project in multidisciplinary environments.

PO 12. **Life-long learning:** Recognize the need for, and have the ability to engage in independent and life-long learning in the context of technological change.

Placements

Infosys

hp

NTT DATA

Tech Mahindra

Career

Abilities

Perseverance

Reputation

Success

Leadership

Education

Contacts

Learning

Hard working

Job Experience

Knowledge

CV

FSS
POWERING PAYMENTS

41

As on 26.10.16

FRIENDSHIP FOR SALES

The word Friendship is not new for the man kind. However it means different things in each and every one's life. For some, it is just a time pass. For some other time passed with their friends become memorable moments. In fact, there is another category of people who don't care or mess with these things such as friendship and they walk on their own way. Being alone can make you feel that the world is yours and there is no one to change you. No need to get distressed for taking any decision. No need to do some dare if you don't wish to do it. It leaves no chance for you to get hurt or hurt others. There is a conviction that everyone believes that friends are to cherish and feel good regardless of what they would get from one another. But it has become that mutual benefit holds friendship strong and friends are used to fulfill their needs in day today life.

"A real friend is one who walks in when the rest of the world walks out" says Walter Winchell .Likewise a friend is a god's gift we have to keep it safe, protect it and respect it. Respect is what friendship essentially needs. If respect doesn't appear to come then get out of the friend circle. It will make you feel better anyway sometimes our preoccupation is on having a friends perhaps we should focus on being a friend.

R.HEMALATHA

II IT

Workshops Organized by Faculty Members

Workshop on

"Cloud Computing and Big Data"

@ MCET, IT Lab

On 23.09.2016 & 24.09.2016

External Participants: 35 Members

@ MCET, IT Lab

On 23.09.2016 & 24.09.2016

Internal Participants: 20 Members

<u>**Resource Person**</u>

Mr.G.S.Raman,

Corporate Consultant (Cloud & Big Data),

CTO - CDTS Technologies Private Limited, Chennai.

Mr. Aabidh Zubair,

Software Engineer, Infosys, Chennai.

THE WAY HUMAN MADE TO LIVE

Yes, I am the creature named human. God created me and asked me to live a life on the earth. But actually what I do is keep on running beyond something at each stages. Now it's my time to land on the earth. Yes, I came out of my most lovable mother. The moment I born, more than enjoying my birth the creatures around me stared to dream what I have to become in future. The moment while I started to walk they wanted, the people around me even my parents wanted me to join the school instead of admiring my activities. Time passed on and I somehow managed to get out from nursery education and entered into secondary level. This time they wanted me to be the topper and achievable person in academics as well as sports, they never mind about what I am interested in. Yes, now I am the topper in academics and a decent sports person. I entered into teen stage. I scored good marks in my higher education and I wanted to continue my studies related to fashion designing. But my surroundings refused and at last I was placed in good ranking engineering college. I completed my B. Tech degree in Information Technology and I was selected in campus interview and got my job at one of the well named MNC at a good salary. Now I got my foreign offer and gone abroad and earned more than my exceptions.

Whether I am happy? It doesn't mean that if a person dresses well and he earns more, he is happy. Actually I wanted to serve my country and start an orphanage and help the poor and needy. Yes ok, now I am well settled in abroad and now they wanted me to get married to a girl they show to me. I dropped my love which I had on girl because my surroundings won't accept her. Not only for me but same situation for her too. How a girl can suddenly give her heart to a stranger?, I used to think this regularly. Parents said, so I am married a stranger. "INDIA IS A COUNTRY WHICH NEVER MIND WHETHER THE BOY AND GIRL WERE IN LOVE, INSTEAD THE BOY'S FAMILY HAS TO LOVE THE GIRL'S FAMILY AND GIRL'S FAMILY HAS TO LOVE THE BOY'S FAMILY AND BOTH HAS TO LOVE THAT PARTICULAR BOY AND GIRL. IF THAT THAT HAPPENED SO THEY MAKE THE BOY AND GIRL TO GET MARRIED." They never mind that both love each other or not. Now I somehow managed to live with a girl and now I am a dad. The moment my son came to earth I promised him I won't dumb my wishes and thoughts on him. Let him live in the way he wish. Let me teach him the noble values instead of sending him tuitions for his schoolings. Let he be average student I never mind. I have faith on him that he will achieve something. Life is once on the earth. Let us live. Let us achieve in the way what we are and what we wish to be. Let us come out from the caste, religion and so on. Let us give place to love instead of caste, religion, country, language. Let us admire nature instead of buildings. Let us spend time in our native instead of going abroad and get separated from our parents. Make the life worthy enjoy the nature, enjoy the people instead of technology. Get updated to technology, gain knowledge and make inventions but never get overruled by it.

A.RAMALINGAM

II IT

Title: FDP-Training Module II- Teaching learning series (OBE)

Faculty members: Ms.R.Menaha, AP, Ms.S.Ponni@Sathya, AP, Ms.N.Premalatha, AP, Mr.K.Kanagasabapathi, AP, Mr.N.Praveen Sundara Kumar, AP

Date: 29.09.2016

Title: Cloud and Big Data

Faculty members: Mr.P.Ramprakash, AP, Mr.N.Krishnaraj, AP, Ms.N.Premalatha, AP, Ms.A.Logeswari, AP, Ms.S.Rubika, AP, Ms.R.Bavithra, AP

Date: 23.09.2016 & 24.09.2016

Open Source Programming

Ms.A.Logeswari, AP

Mr.K.Kanagasabapathi, AP17.09.2016

One day seminar on "Intellectual Property Rights"Workshop on "Professional Skills"

Ms.R.Menaha, AP

Ms.A.G.Priya Varshini, AP

Mr.J.Dhyaneshwaran, AP

Mr.P.Sathiyamurthi, AP(SS)

Ms.S.Nithya, AP(SS) 17.09.2016

Mr.K.Balasamy, AP10.09.2016

Training in "Problem Solving using C++"

Ms.S.Ponni@Sathya, AP

Ms.K.Keerthika, AP17.09.2016

Students Participation @Co-curricular activities

Workshop	Participants	Venue & Date
Workshop on "Cyber Security"	III – IT 'A' Count: 2 Students	@ CIT On 25.09.2016
Workshop on "Cloud Computing and Big Data"	III- IT 'A' & 'B' Count: 5 Students	@MCET On 23.09.2016, 24.09.2016
Workshop on "iOS Application Development"	III- IT 'A' & 'B' Count: 8 Students	@MCET On 24.09.2016
Workshop on "Windows Azure"	III- IT 'A' & 'B' Count: 12 Students	@MCET On 24.09.2016
Workshop on "Big Data Analytics using Hadoop"	III- IT 'A' & 'B' Count: 4 Students	@ Kongu Engineering College On 03.09.2016

The reasons people can feel happy or content in their work can often be quite complicated. For some, it is the moral reward of doing good, others are happy to simply make a living, still others appreciate the good career opportunities their positions offer or their relationships at work. Defining job satisfaction has been a challenge for researchers, as work plays a significant role in people's lives and job satisfaction is central to their well-being. It is also important for employers, since satisfied employees can be more committed to the company, more efficient and creative.

Some scholars define job satisfaction as the emotional state of enjoyment that an employee gets from doing his or her job well and being suitably rewarded. Others take into account the emotional fulfillment an individual reaches when the job meets his or her expectations. For most researchers, however, job satisfaction has multiple dimensions and is determined by a number of factors such as the nature of the work itself, relations and interactions with superiors and peers, pay, benefits, promotion, the organization and its management and last but not least the working conditions.

One of the most influential contributions to understanding job satisfaction is the motivation-hygiene theory of the American psychologist Frederick Herzberg (1923 to 2000). The theory was based on interviews conducted in the late 1950s with accountants and engineers, who were asked when they felt good or bad about their jobs and to explain why.

The interviews led Herzberg to identify two dimensions to job satisfaction: motivation and hygiene. The motivation factors included recognition, achievement, the work itself, responsibility, advancement and growth. The hygiene issues, such as company policies, supervision, salary, interpersonal relations and working environment, are considered as the conditions to be met in order to prevent dissatisfaction.

Ensuring job satisfaction is important for the employers as it can reduce absenteeism and staff turnover and save costs on recruitment and retraining. The reason for losing interest in one's job can be the work's routine character, conflicts with other employees or the supervisors, or inadequate pay.
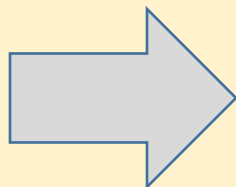
Malathi M
Final IT A

EXTRA CURRICULAR

Co-curricular Activities

III B.Tech IT
A.Monika
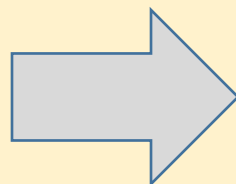
On 28.09.2016 to 30.09.2016

→ 400m, Zonal Athletic Meet, Nehru Stadium, Coimbatore.

III B.Tech IT
D.Karthika

On 28.09.2016 to 30.09.2016

→ 200m, Zonal Athletic Meet, Nehru Stadium, Coimbatore.

IV B.Tech IT

S.Akilandeeswari

On 28.09.2016 to 30.09.2016

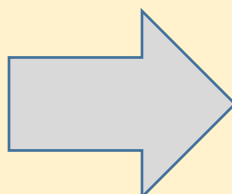2nd place — High Jump, Zonal Athletic Meet, Nehru Stadium, Coimbatore.

3rd place — Hurdles, Zonal Athletic Meet, Nehru Stadium, Coimbatore.

III B.Tech IT

G.Vaishnavi

0n 28.09.2016 to 30.09.2016

→ High Jump, Zonal Athletic Meet, Nehru Stadium, Coimbatore.

→ 400 m, Zonal Athletic Meet, Nehru Stadium, Coimbatore.

→ 4*100 m, Zonal Athletic Meet, Nehru Stadium, Coimbatore.

Online Certifications by the Students

II B.Tech IT → IIT Bombay- Spoken Tutorial Linux & Cpp

June 2016 to September 2016

79

Big Data University BIDA

June 2016 to September 2016

33

III B.Tech IT

IIT Bombay - Spoken Tutorial Cpp (Arduino)

June 2016 to September 2016

22

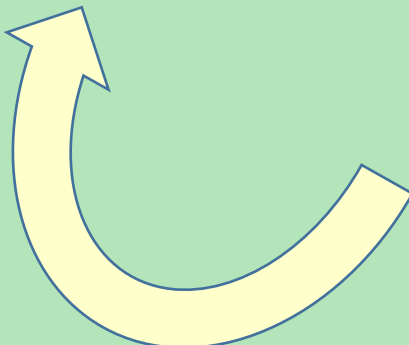Rank Sheet Java Web Services

June 2016 to September 2016

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IIT Bombay- Spoken Tutorial Perl Programming

June 2016 to September 2016

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SPHERIFICATION- FOOD SCIENCES

Spherification is a controlled jellification of a liquid which forms spheres when submerged in a bath.

Step1: Dissolve Sodium Alginate in Water

Step 2: Dissolve Calcium Lactate in Separate Bowl

Step 3: Transfer Sodium Alginate to Calcium Lactate Bath

Step 4: Stir the Solution

Step 5: Transfer Water Balls to Water Bowl

Extra-curricular activities

III B.Tech IT N.Subhashree On 28.09.2016 to 30.09.2016	**Participation** →	Discus Throw, Zonal Athletic Meet, Nehru Stadium, Coimbatore.
III B.TECH IT N.Kavin On 26.09.2016	**3rd place** →	Volleyball, Akshaya College of Engineering and Technology, Coimbatore.
III B.TECH IT K.Kennedy On 22.09.2016 & 23.09.2016	**Winner** →	Zonal Hockey, MCET, Pollachi.
III B.TECH IT D.Karthika S.Nithya N.Vinodhini M.Sameena Banu On 23.09.2016	**Participation** →	Interzone Cricket, MCET, Pollachi.
III B.TECH IT K.Madhumitha On 16.09.2016	**Participation** →	Basketball, Hindustan College of Engineering and Technology, Coimbatore.

Training on One Credit Courses

Course: Linux Programming
By

Mr.Arun Balaji, Dell EMC, Bangalore

@ MCET, On 17.09.16

Course: C++ Coding Standards

By

Ms.V.Madhumathi,

R&D, KG Information Systems Private Limited, Coimbatore

@ MCET, On 17.09.16

Course: Arduino Programming

Mr.Kannan Chandrasekar, CTS,Bangalore

@MCET, On 15.10.16

Course: Java Web Services

Mr.S.K.Dhineshkumar,

Lantrasoft Technologies, Coimbatore

@MCET, On 21.10.16

PERFECT CLICK!!

AFRAS ALI

II IT

Our mission is water

My mother called me Blue Nile

I am also named by mother White Nile

When we grew and grew we asked

Oh mother, Oh mother

Tell us, why did you name us Nile

Our mothers said lovingly

Oh our children

You travel and travel

Cross mountains, forests and valleys

Thousands of miles, enriching nine countries

You reach Khartoum

You Blue and White Niles confluence with a mission

God has commanded you to give a message

You give a beautiful message

When we rivers confluence

Oh humanity why not your hearts confluence

And you blossom with happiness.

-A.P.J. Abdul Kalam