INFOQUEST'16

DR MAHALINGAM
MCET
COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

IT

CONFERENCES

JOBS

Workshops

PROJECTS

SEND

ARTICLE SUBMISSION

INTERNSHIP PROGRAM

Maths Puzzles

EVENTS

PAPER PRESENTATION

DR.MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY

UDUMALAI ROAD, POLLACHI-642 003, TAMILNADU, INDIA.

Our Mission & Vision

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

VISION

OUR MISSION

VISION
MISSION

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

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

To support and facilitate research and development activities.

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

PROGRAMME EDUCATIONAL OBJECTIVES

Graduates of this program will…

Have high level of technical competency to identify problems and to generate innovative solutions, which would conform to the need of IT industry.

Successfully adapt to changes in roles and responsibilities, through lifelong learning, for collaborating professionally with various stakeholders.

Ethically apply their computing knowledge and skills considering societal, economic and environmental factors.

PROGRAMME OUTCOMES

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

2. Identify, formulate, analyse and solve complex problems in computing industries using principles of mathematics, natural sciences and engineering sciences.

3. 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.

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

5. Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

6. 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.

7. Understanding the impact of engineering solutions in social environment and exhibit the knowledge for sustainable expansion.

8. Realize and bind to professional ethics and the norms of engineering practices.

9. Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.

10. 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.

11. 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.

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

Outcomes
Looking to see that the help being given makes a difference.

" Service to others is the rent you pay for your room here on earth. "

Muhammad Ali

THE WALKING HOUSE

The Walking House, a collaboration between MIT and Danish Design collective N55, took a journey through Cambridgeshire in England as a part of art project at the Wysing Art Centre.

Houses are normally fairy stationary object which is six to ten feet high, powered by solar panels, and is designed kitchen, toilet, bed and wood stove. This house is designed to move at muscle speed of a human, the house that walked at about five kilometres per hour around the 11 acre campus.

The "Leg System require a software algorithm to estimate the position of each articulated element based on the desired position of the foot". This process is known as Inverse Kinematics(IK). The Inverse Kinetics algorithm are well developed for rotary joint systems like servo-based hexapod walkers but the future invention came up with the tetrahedral legs. The six legs provides stability even over unpredictable terrain.

This house is planned to make the house walk well enough that you could program a set of GPS via the on board computer.

J.Krishika

2nd IT-A.
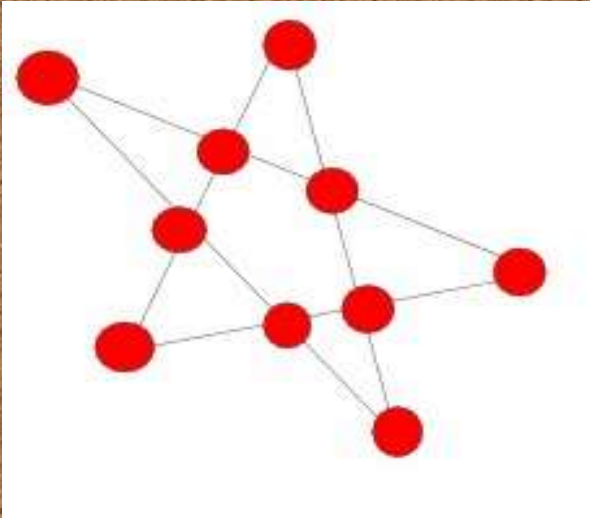
PUZZLES

Solutionn

The 1-12 are calculated each with three 9s as:

1. $(9/9)^3$
2. $(9+9)/9$
3. $\sqrt{9}+9-9$
4. $\sqrt{9}+9/9$
5. $\sqrt{9!}-9/9$
6. $9-9/\sqrt{9}$
7. $9-\sqrt{9}+9$

8. $9-9/9$
9. $\sqrt[9]{(9^9)}$
10. $9+9/9$
11. $99/9$
12. $9+9/\sqrt{9}$

Sruthi.S

3rd IT-A

PUZZLE 2

Is it possible to place 10 balls in 5 lines having exactly 4 balls in each line?

Article

ROBOT SALAMANDER

A new salamander robot was designed which can walk, swim and turn around corners. The new *salamander*-inspired bot is helping the scientist to understand, how the spinal cord orchestrates movement.

Salamanders are living fossils which are quite close in their motion to the *creatures which first stepped from the seas onto the land.* They also switch seamlessly between walking and swimming".

In water salamanders undulate called anguilliform swimming motion. The swimming movement is produced by a continuous wave of motion throughout the spinal cord. Stimulating the spinal cord more and more as by pressing a gas pedal which inform the headless salamander to switch to its swimming gait.

The robot salamander recreated the walking and swimming gaits which almost perfectly matched with the spinal cord circuit controlling whether the robot salamander swam or walked.

The findings of salamander reveal just how well the spinal cord seems to control the movement, which seems to be similar even in the human being. The brain of salamander will not worry about every muscle, it just worry about the high-level modulation and their job of the spinal cord which can coordinate all the entire muscles.

ARTICLE BY
N.VINODHINI
2nd IT-A

Spring 3.X Framework(20.02.16)

Dr.S .Ramakrishnan(Prof & Head)

Ms.R.Menaha (AP)

Mr.S.Sasidharan (AP)

Mr.N.Praveen Sundra kumar(AP)

Web Development Using J2EE (27.02.16)

WORKSHOPS AT MCET FOR STAFFS

Dr.S.Ramakrishnan

(Prof & Head)

A.s Muthanathamurgavel(AP/SG)

Mr.J.Dhyaneswaran(AP)

T.Sumathi(AP)

Ms.N.Premalatha, AP

Ms.S.Rubika, AP

CLOUD COMPUTING(26.02.16),(27.02.16)

Infosys Campus Connect program – "I Gear Up"(3.02.16),(4.02.16)

Spring 3. X Framework (20. 02. 16)

Mr.K.Kanagasabapathi, AP

Mr.J.Dhyaneswaran, AP

Ms.S.Rubika, AP

Ms.R.Menaha, AP

G.R.D College of Science & Technology, Coimbatore.(24.02.16, 25.02.16)

Robotics Lab Setup

Mr.K.Balasamy, AP
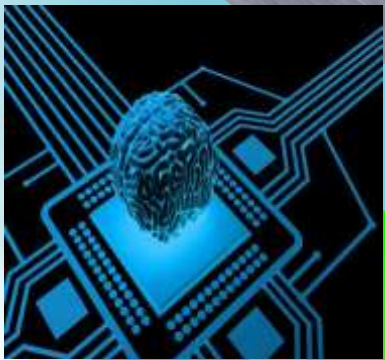
Mr.P.Muthu @ Sethuramalingam, AP

Microsoft Windows Azure

(24.02.16),(25.02.16)

www.psdgra

NEUROMORPHIC ENGINEERING

Neuromorphic chips aim to process information in a fundamentally different way, mimicking the brain's architecture to deliver a huge increase in a computer's thinking and responding power.

Neuromorphic engineering, also known as **neuromorphic computing**, is a concept developed by *Carver Mead*, had described the use of very-large-scale integration systems containing electronic analog circuits to mimic neuro-biological architectures present in the nervous system.

The major aspect of neuromorphic engineering is to understand how the morphology of individual neurons, circuits, apes, and overall architectures creates desirable computations.

Suffering is the essence of success!

Neuromorphic chips can be more energy efficient and powerful in combining data-storage and data-processing components into the same interconnected modules. So it will be the next stage in powerful computing, enabling more rapid processing of data and have a better capacity for machine learning.

Potential applications of this include drones better able to process and respond to visual cues. It is much more powerful and intelligent than cameras and smartphones and data-crunching or forecasting the climate. Computers will be able to anticipate and learn in pre-programmed ways.

ARTICLE BY

B.PREETHI

2ND IT-A

Puzzle

Root Jigsaw Puzzle

Two of the four jigsaw tiles have the same sum of their roots. What are they?

$Sqrt(2)+sqrt(2)+sqrt(3)$

$=sqrt(3)+sqrt(8)$

[as we know that,

$Sqrt(8)=2*sqrt(2)$]

1996 Puzzle

MAKE THE NUMBERS 28,32,35,38,72,73,76,77,100,1000 FROM THE NUMERALS 1,9,9,6 USING SOME SYMBOLS LIKE +,-,*,/,√,^.

T.SHANTHINI

B.HARIPRIYA

3RD IT-A

$28 = 1+9+√(9)*6$

$32 = (1/√(9))*96$

$35 = -19+(9*6)$

$38 = 19/(√(9)/6)$

$72 = (1+√(9))*√(9)*6$

$73 = 19+(9*6)$

$76 = 1+(9*9)-6$

$77 = -19+96$

$100 = 1+√(9)+96$

$1000 = (1+9)^(9-6)$

ARTICLE

LIVE TRANSLATION TOOL

The Skype Translator project offers the translation of both voice and written languages. Skype translation mission brings people together from all over the world. Skype Translator is now available in all Windows users.

The technique behind the translation involves advanced machine learning. Machine learning means that the more the technology is used, the smarter it gets. Skype Translator currently offers voice-to-voice translation for 7 languages including English, French, German, Italian, Mandarin, Portuguese, and Spanish.

This tool translates street signs and real-time conversations in a written language. Using IM, customers can write a text message in their own language, and the receiver will receive that message in their language of choice.

It provides a text format of your speech for the person on the other end, and also reads out what it thinks the translation is.

DISADVANTAGE:

In a conversation one speak slowly. Skype Translator's speech recognition is good, plenty fast, but that accuracy decreases.

ARTICLE BY

S.Santhiya

2ND IT-A

Sentiment Analysis in Social Media and Its Applications to E-Learning

Thiagarajar College Of Engineering

A.Eswaran

L.Muthukumar

B.Amuthan

M.Karthik

Guided By,

Ms.D.Janani, AP

29.01.16,

30.01.16.

Alias Name Mining Using Web resources

S.Sugumar

I.SyedAiyas

A.S.Yuvaraja

J.Sibirarasu

Guided By:

Ms.R.Menaha,AP

19.02.16

20.02.16

NATIONAL CONFERENCE ON INNOVATIONS

Image Encryption Using Wavelet Transform

K.DINESH

R.UDHAYA SANKAR

K.SURESHVELAN

Guided By,

Dr.S.Ramakrishnan, Prof.&Head

BANNARI AMMAN INSTITUTE OF SATHYAMANGALA

25.02.16,

26.02.16

Rotational Invariant Local Binary Pattern Based on First and Higher Order Derivative for Texture Classification

D.Nivethini

S.Rupavathi

K.Priya

P.Susmitha

Guided By,

S. Nithya, AP(SS)

4K TVS

Paint the sky, make it yours.

Ultra-high-definition 4K televisions is going to pick up the steam, with the major manufacturers in full-blown push mode on the higher-resolution panels which offers 4 times the final resolution that of in ordinary Full HD TVs.

Aside from packing more pixels onto screens, the TV makers like Sony, Samsung and LG, are also adding high-dynamic-range technology, which is resulting in better colour ranges. 4K TV consists of display resolution at least four times greater than that of normal the 1080p HD and by its own industry standard which is specifically defined as 4096 x 2160 pixels.

To go with those 4K televisions, the manufacturers has planned to release 4K Blu-ray players with general offer sleeker designs which includes more features and better quality .Samsung, Philips are the two major companies that announced the devices at CES. Samsung is aiming to release it during the month of march but has not disclosed a price, while Philips' player is expected to put cost under $400. Film studios also used CES to announce the products, with Warner Bro and will release 35 4K Blu-ray movies this year, including Mad Max: Fury Road and The Lego Movie.

ARTICLE BY

SHARU AKSHATHA.M

2nd IT-A

INTER /INTRA COLLEGE WORKSHOPS

Divyabharathi.B

S.Sathya

T.Shanthini

S.Rakshana

A.Jeeva Swarna

S.Sruthi

G.K.Abishek Prasanna

R.Karthick

Hari Shankari T

M.Aswin Yegappan

M.Nithyananthan

K.Dineshkumar

Agathur Balakrishnan

L.Yasodha

V.Jamuna

K.Karthika

K.Nandhini

S.Priyanka

D.Selvamani

Workshop on 'Cloud Computing'

WORKSHOP ON "MICROSOFT WINDOWS AZURE"

MIC Centre, 24.02.2016 & 25.02.2016

2nd-IT

S.Priya

K.Krishnaveni

R.Agalya

D.Karthika

S.Madhunila

S.Archana

3rd-IT

L.Yasodha

S.Akilandeeswari

K.Karthika

E.Arunasaithambi

B.Katheravan

3rd- IT

Eshwar College of Engineering, Coimbatore. 27.02.16

II - IT

Workshop on "Mobile Application"

A.Dhamodharan

P.Renuga Devi

K.S.Nandhini

S.Archana

Workshop on "Secure Android App Development"

Coimbatore Institute of Technology, Coimbatore. 28.02.2016

C.Vinothine

Workshop on "Android App Development"

09.02.2016

2nd-IT

III – IT

Hands on Training on "Web Development Using J2EE" for Internal Participants

26.02.2016

Left column:
V.Priyadharshini
S.Dhinakaran
S.Sathya
T.Shanthini
K.Manoranjitham
S.Divya Prabha
P.Kalaiyarasi
B.Haripriya
K.Vadivel
D.Illagiya Vijayalakshmi
C.Sree Vidhya
G.Blessy Shona
B.Praba Devi
S.Sruthi
M.Malathi
B.Divyabharathi
T.Nirmaladevi
B.Gowthami
S.Kirubakaran
P.Jayasri
K.V.Selva Kumar
P.Dhamodharan
S.Santhosh
S.Gowtham

Right column:
S.Priyanka
N.Reshma
S.Kalaivani
B.Priyadharshini
R.Dhanaranjani
B.Selva Nalini
K.Lokesh
K.Karthikayan
R.Gawtham Srinivasan
R.Yogarubini
R.Dhakshinamoorthy
D.Selva Mani
R.Nithiyananthan
A.Rajeswari
P.Revathy
K.Nandhini
M.Priyanka
M.Srija
S.Jagadeeswaran
V.Jamuna
R.Yogeshwaran

A.Deepika
P.Nivetha
Workshop on "Data Analytics"
11.02.2016

Amritha School of Engineering, Coimbatore.
18.02.2016 to 20.02.2016
C.Indira
V.Nivetha

3rd-IT

Workshop on "Hackfest with Mozilla"

PSG College of Technology, Coimbatore,
13.02.2016

M.Poornalatha
R.Kaarthihayani
N.Subashri
P.Hema
K.Dharshini
M.Preethi Vardhana

Workshop on "Digital Substation"
2nd-IT

Kumuraguru College of Engineering and Technology. Coimbatore
10.02.2016

N.Vinodhini
M.Sharu Akshatha
K.B.Maheshwari
J.Nandhini Priya
K.Tharny
A.M.Abishya
A.Thanvir Fathima
M.Neya Mithra
K.Kavitha
S.Sindiya
S.Shobika

Work Shop on IOT

ARTICLE WRITING

ACCIDENT DETECTION

OBJECTIVE:

1. To Reduce the Human Death Ratio due to Road Accident in India.

2. If accident takes place, quick transmission of message to preconfigured contacts to intimate the victims.

3. To provide maximum assistance even in unpopulated area.

VICTIM STATUS INDICATION SYSTEM:

The main purpose of this Android Smart Phone System is used to identify the accident occurrence and to detect the victim's status. The microcontroller based system hardware has been developed to acquire the various parameters such as accident location, heart rate and beat and body temperature at accident occurrence spot.

GPS AND GSM MODULE:

The Global Positioning System (GPS) is a space-based global navigation satellite system that provides reliable location and time information in all weather and at all times and anywhere on or near the Earth. This GPS module places the vital role to predict the location of the accident in this work.

UPDATING INFORMATION:

In this module an emergency mode will activated in user smart phone to send a sms alert in case of an accident occurs. The sms that includes the current location and current heart beat rate of the user. This proposed work will provide vital information about the accidents even in unpopulated area.

ARTICLE BY

K.SHARMILA

2ND IT-A

Extra-Curricular / Co-curricular Activities

Thiagarajar College of Engineering

20.02.2016 to 22.02.2016

K.Kennedy

III - IT

Hockey Tournament Participation

06.02.2016 to 08.02.2016

Park College of Engg & Tech

07.02.2016 & 08.02.2016

Runner

S.Sruthi

III - IT

Throw ball

Sakthi trophy,mcet

Winner

11.02.2016

T.Shanthini

III - IT

Basketball,Runner

Sakthi Trophy, MCET

11.02.2016

N.Reshma

III – IT

Ball Badminton,Runner

N.Vinodhini

II - IT

Volleyball Match – SIICAA Trophy

11.02.2016

Dinesh Ravi

III - IT

Table Tennis, Sakthi Trophy, MCET

09.02.2016 & 11.02.2016

S.Vignesh

2nd - IT

Sakthi Trophy, MCET, Pollachi

09.02.2016 & 10.02.2016

M.Ishwarya

7-Days Special Camping Programme on the theme HEALTHY YOUTH FOR HEALTHY INDIA

Kanjampatti,

Pollachi. 18.02.2016 to 24.02.2016

NSS Activities

If you climb in to the saddle
be ready for the drive

Some horse will test you
Some will teach you
And some will bring out
the best in you

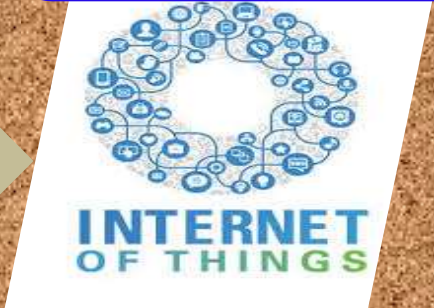ART BY.

S.Sathya

3rd-IT-A

Paper Presentation

BIG DATA

P.Yuvarani

P.Renuga Devi

K.S.Nandhini

Cloud Computing along Web-OS

2nd IT

INTERNET OF THINGS

A.M.Abishya
A.Thanvir

M.Prakavi

3rd IT

RASPBERRY PI

Bannari Amman Institute of Technology

S.Sruthi
K.Manoranjitham

5G Technologies

IEEE Club, MCET

S.Sruthi
V.Nandhini

Electronic Voting using Cryptographic Techniques

D.Illagiya Vijayalakshmi
B.Gowthami

V.Gayathri
T.Nirmala devi

JCT College of Engineering and Technology

Search Engine Optimization

4G Technologies

Bannari Amman Institute of Technology

Automatic Disabling Mobile

R.Dhanaranjini
P.Mathivanan

R.Yugarubini
S.Ruthasirija

Voice Activated Mobile Calculator

S.Kalaivani
T.Rajalakshmi

Improving the quality of Education using E-Governance

M.Priyanka
A.Abinaya Shruthi

Kongu Engineering College

M.Kumaraswamy College of Engineering

T.Shanthini

Internet Of Things

Kumaraguru College of Technology

Security in smart cards by Palm Vein Biometric

G.Sowndariya
R.Raga Rakshitha

AIR INTO FRESH WATER

Watermill is an atmospheric water generator which converts air into fresh water. This latest technology invention produces fresh water at a cost of about 3 cents a liter (1quart). It is originally designed for areas that do not have clean drinking water, the watermill is for households that prefer an ecofriendly, cost effective alternative to bottled water.

Atmospheric water generator convert air into water when the temperature of the air becomes saturated with enough water vapor that it behinds to condense (dew point). It makes the appliance more efficient. It samples the air every 3 minutes to determine the most efficient time to convert the air into water. It will also tell that when to change the carbon filter and will shut itself off if it cannot make pure clean water.

By,

Manojkumar.J

15BIT037

EVenT

2ⁿᵈ IT

KRIYA '16 Forensic„ participated in jumble symbol, code hunt

PSG College of Technology

P.Eswari

R.Monisha

V.R.Soniya

P.Eswari

Shantha Lakshmi

R.Monisha

G.Varsha

V.R.Soniya

M.Pughazhenthi

Aafrin Marliya

P.Sindhuja

K.Janani

V.Jasmine Sumi

A.Damodharan

Kumaraguru College of Technology

Real Tech, Amusement, Brain Drain, Tech Trinity, Chakravugh

3ʳᵈ IT

Amrita School of Engineering

M.Kumarasamy College of Technology

T.SHANTHINI

Coding Event

Brain Buster – 1ˢᵗ Prize, Prove Yourself, Estropia, Myquest

Tech-a-thon

IEEE Club,MCET

S.Rakshana

V. Nivetha

D.Illagiya Vijayalakshmi

P.Kalaiyarasi

V.Gayathri

T.Nirmala Devi – 3rd Prize

D. Illagiya Vijayalakshmi

T.Sowmya

Multimedia
Presentation

Digital
Art

JCT College of
Engineering
and
Technology

Automatic
disabling the
mobile phone on
prohibited areas

T.Sowmya

Technical
Quiz

Web
Designing

V.Gayathri

P.Kalaiyarasi

T.Nirmala Devi

T.Sowmya

P.Kalaiyarasi

B.Gowthami – 1st Prize

T.Nirmala Devi – 3rd Prize

DR.MAHALINGAM
COLLEGE OF
ENGINEERING AND
TECHNOLOGY

BHASHAN
2K16

G.Sownthariyaa

R.Raga
Rakshiha

P.Kalaiyarasi

G.Sowthariyaa

Real Tech, Amusement, Brain Drain, Tech Trinity, Chakravugh

Code Guerriero

N.Madhuvarshini- 2ND PRIZE

S.Priyanka

Kumaraguru College of Technology

Clash Of Codes, Code Guvrrio, Amuzement, Brain Drain, Clue with clue, Tricky Truck

G.Sowthariyaa

V.Gayathri

B.Gowthami

R.Raga Rakshitha

T.Nirmala Devi

P.Jayasri

Kongu Engineering College

S.Gowtham

R.Yogeswaran

M.Priyanka

A.Abinaya Shruthi

M.Sasipriya

Master Minds – 2nd Prize

Industrial Visits

48 students

53 students

ITI Limited, Palakkad

Sakthi Sugars Limited, Erode

Mr.K.Kanagasabapathi, AP

Mr.P.Sathiyamurthi, AP(SS)

Ms.A.G.Priyavarshini, AP

Ms.A.Logeswari, AP

2nd-IT

A&B

27.02.16

17.02.16

THE 3D RUDDER

ANAGRAM:
DORMITORY
DIRTY ROOM

The 3DRudder is a revolutionary feet-controlled VR and 3D navigation and motion controller. The device is used while seated, all you have to do is simply rest your feet on it. To move forward, you tilt the device forward; to move to the right, you tilt the device to the right, and so on and so forth. Rotating the device implies a similar movement in the game or the CAD software. Up and down movements are managed by applying pressure to the right or the left of the platform. Game developers can use the pressure points to create combination to let you lock a target, jump, crawl...

Your PC will see 3DRudder as an HID joystick. Thus you'll be able to use it not only with your favourite VR headset but also with your existing PC games (as long as they let you change the input controller for movement). The 3DRudder doesn't cause any fatigue. Because the 3DRudder has no mechanical parts and uses your body's natural balance, because you're seated, because it's based on an existing feet-brain neurological scheme... you can play or work for hours, without fatigue.

YOUR HANDS ARE FREE TO DO MORE.. YOU HAVE THE EDGE!

3D SMART SHOE

The Smart shoe 01s will warm your feet with a tap in a smartphone app. They'll track your movement, your calorie burn, and even the wear and tear of the shoes themselves. Here's the McFly bit: they'll also tighten automatically around your ankle, so they fit exactly the way you want.

With a sharp, angular black-and-white look, they look kind of like moonboots- Way cooler moonboots. For the fainter of heart, Digit sole's also announcing a couple of saner-looking kicks. Warm Series—one pair looks like old-school Chuck Taylors, another's a set of pumps—has ... e of the tracking, all of the foot-warming, and none of the robot-feet looks.

ARTICLE BY:

YUVARANI.P

KANAGA DURGA.M
12BIT029

A.ARUN
12BIT011

SUCCESS

ICMAI/CMA

Campus

Placement

http://eaknowled

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ANAGRAMS:

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SHALL YET COME

YOUR TALENT

is God's gift to you

What you do with it is your gift back to

GOD

Dr.S.Ramakrishnan
Prof.& Head

Reviewed one paper for the Elsevier - Journal "Computer Methods and Programs in Biomedicine"

Reviewed one paper for "IEEE Signal Processing Letters"
February 2016

Research and Development

13BIT052 – K.Nandhini
13BIT054 –M.Ishwarya

Voice Based Locking System using ASR and Microcontroller

Rs.15,000/-Amount Sanctioned

GUIDED BY,
Mr.P.Sathiyamurthi,AP(SS)

Paper presented in the international conference

TITLE OF THE PAPER:

INVESTIGATING QOS OF REAL WORLD WEB SERVICES

CONDUCTED BY:

GREENTECH COLLEGE ENGINEERING FOR WOMEN AND INTERNATIONAL ORGANIZATION OF INNOVATIVE RESEARCH AND PUBLISHERS

R.SIVANESH

P.GOWTHAM

M.SURYARAJ

P.PRAKASH

CONDUCTED AT (VENUE):

GREENTECH COLLEGE ENGINEERING FOR WOMEN, SALEM.

TITLE OF THE CONFERENCE / SEMINAR:

INTERNATIONAL CONFERENCE ON INNOVATION IN SCIENCE, ENGINEERING AND TECHNOLOGY

DATE(S) OF PAPER PRESENTED:

27.02.2016

Placements

2

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PAPERS PUBLISHED IN INTERNATIONAL JOURNALS

INTERNATIONAL JOURNAL OF FAZZY SYSTEM

Attack's Feature Selection-Based Network Intrusion Detection System Using Fuzzy(Published online on 24.02.2016)

Dr.S.Ramakrishnan, Prof & Head

Mr.S.Devaraju AP(SS)/MCA

INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN COMPUTER AND COMMUNICATION ENGINEERING(PUBLISHED ON FEB 2016)

GUIDED BY, MR.P.SATHIYAMURTHI

A SURVEY ON COMPLEX SECRET KEY GENERATION METHOD BASED ON MANIFOLD CHAOTIC MAPPING SCHEME FOR SPEECH ENCRYPTION

International Journal For Technological Research In Engineering

S.SaravanaKumar
M.VeeraPrakash
S.Vivin Prasath
M.Yasir Asarutheen

Guided by,
Mr.P.Ramprakash

Customized Learning Path Using Moodle(Published on Feb 2016)

Securing Location of User in Geo Social Networking (Published on Feb 2016)

International Research Journal of Engineering and Technology (IRJET)

J.Abinayaa
K.Abinayaa
R.Abinaya
N.Abinaya

Guided by,
Mr.N.Pravin Sundara Kumar(AP)

1 SRM TECHNOLOGIES — OUTTHINK

4 Genuine Medica Pvt. Ltd.

1 SMRI — SPORTS & MANAGEMENT RESEARCH INSTITUTE

IF OPPORTUNITY DOESN'T KNOCK, BUILD A DOOR.

3 DAGSLORE — Passion for building a Strong Technology

1 THUNDER BLAST

TOTAL INTERN: 80

1 Report Bee

2 AMACHU PVT. LTD.

2 ARDHIKA SOFTWARE TECHNOLOGIES PVT. LTD.

4 ESSVEE SYSTEMS AND SOFTWARE

TECHNICAL SYMPOSIUM

Date:11.03.2016&12.03.2016

MCET
UDDESHAH'16
AIM BEYOND THE HORIZON

E V E N T S

Techno-wiz

Heptathlon

Paper Presentation

IT Association Valediction Function & Guest Lecture on "Machine Learning & Natural Language Processing"

07.03.2016

Mr.Bharathsubash , Associate Member of Technical Staff (AMTS), Owler, Coimbatore.

CO-ORDINATOR / CO-COORDINATOR

Dr.S.Ramakrishnan,Prof. & Head

Mr.K.Balasamy, AP

Mr.N.Krishnaraj, AP

Papers Presented in 3ʳᵈ
Innovative Intelligence in
Technology

Conducted by

Adithya Institute of Technology, Coimbatore

K.Saravana Kumar
Z.Imran Khan
B.Guruprasath
A.Arun

M.Praveen kumar
J.Kalaivanan
I.Priyakumar
M.Karthick

S.Gokul
K.Lingusamy
S.Mohammed yunush

Effective Algorithm For Improving Care By Analysis User Data From Social Media

New Ensemble Classifier to improve the classifier. Accuracy

LIGHT-J
Ruby
Based Web Framewor k Inspired By Lift

Guided by

Mr.N.Praveen Sundra Kumar, AP

Ms. L.Meenachi,AP(SS)

Ms.S.Rubika, AP

ARTICLE WRITING

Android 6.0 Marshmallow

Marshmallow is one of the operating system to be used in future android mobiles. We all are familiar with the versions of android mainly with **Jelly Bean, Kitkat, and Lollipop**. And now we are going to know about the Marshmallow the latest version of android.

By,

D.Vignesh(15BIT003)

Information technology is playing a vital role in our life and making us happier and more helpful in our life and making our work faster and completing our work in simple manner and without information technology we will be not here with this sophisticated life. We forget many things in our life so we always back up the data. As Such that the software also backup by itself in marshmallow. Those options are:

Application permissions have been completely fixed in Android Marshmallow. Now you will be able to grant apps individual permissions to device functions, instead of the previous model of all or nothing.

FINGERPRINT SUPPORT Marshmallow will support fingerprint scanners on phones natively now. The new feature will allow the scanners to be used to not only unlock your device, but also use it authorize payments using Android Pay in the offline world or within Play Store apps.

Now on Tap takes the concept of the smart assistant Google now, and spreads it across the entire OS so you can take advantage of it on any screen, regardless of what you are doing. All you need to do, is simply press and hold the home button, and Now on Tap will analyses the information you are looking at, to give you related cards.

App links also known as Intents, is a feature where if you click on a link in your email or a text message, it asks you what app you would like to open it with. The same thing happens when you click on - for example - a video file or a Facebook link; you are shown all the app that can open the link and asked to choose the one you want to use.

Doze : One of the most common complaints faced by Android users has been unpredictable standby times on their phones. This happens because of apps running in the background, which can affect the standby time and performance. This is a new technology that learns over time and detects when your device is motionless and not being used, so it can be sent into a deep sleep mode.

Back up feature is something which has been missing from Android for years. With Android 6.0, you can set up automatic backups, which will back up apps and app settings of up to your Google Drive storage.
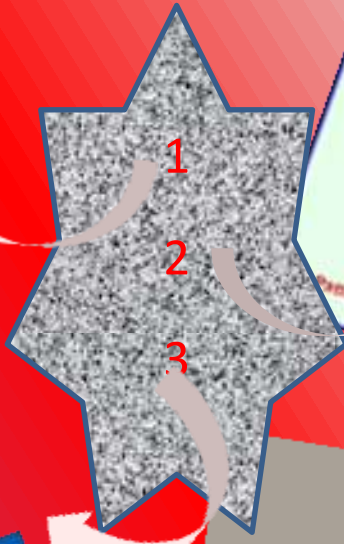
Number puzzles

Find the missing numbers??

PuzzledMind

SOLVE IF U R
GENIUS

2 = 05
3 = 10
4 = 17
5 = ??

1
2
3

Check your common sense

If,

1 = 5
2 = 25
3 = 325
4 = 4325

Then,

5 = ... ????

Answer It..!
& Be Quick..!!!

7 - 4 + 3 × 0 + 1 = ...?

Solutions

MANORANJITHAM.K

KARTHIGA.M

3rd IT-A

1.26

2.54325

3.1

Arutchelvar Vidhya Sakthi Scholarship

28th March

Anisha.M

Saranya.A.G

Shalini.S.L

Revathi.N

Keerthana.M.V

Kavi Kamachi.A

I-IT

Maragatham.B

Vinitha Kamatchi.S

Rukmani.M

Juno Suffron.R

Priya.R

Vidhya.R

Thaivalnavaki.S

Best Volunteer Award

Gawtham Srinivasan.R

UDDESHAH 11ᵀᴴ MARCH

NSS

III-IT

Thangavel.D

100% of Attendance

15th March

Rajalakshmi.J

Swarnalakshmi.C.V

Manjureka.M

Karthika.R

IV-IT

Best Library User

Find the Letters and Words

Life is 10% what happens to us and 90% how we react to it!!!!!

Fill the blanks to make a meaningful word......!!!

S _ _ _ _ _ S

Best Wishes

Anagrams

Solution

Who am I?

I am an 8 letter word..first 4 is your identity
Last 4 may be average, good or excellent bt the last 2 are ok...
2,3,4 can't be beaten...

Schoolmaster-
The classroom

Debit card-Bad credit

Punishment-
Nine Thumps

Letter is E
Meaningful word is SUFFERS
Word is FACEBOOK

PAPER PRESENTATION

S.Divya Prabha

S.Swetha

3rd IT

Apache Hadoop

29th March 2016

Kongu Engineering College

3rd Prize

K.Tharany

2nd IT

Sona College Of Technology, Selam

Master Slave Sensor Network

15th March 2016

Project Presentation

N.DineshKumar

R.Nithiyananthan

A.Agathur Balakrishnan

3rd IT

Sri Ramakrishna Engineering College, Coimbatore

Speech Intelligent System

29th March 2016

15th March

Best Outgoing B.Tech Student (Won Prize Award of Rs.10,000)

Madhura Subramaniam Award

Karthika.K

Rank Holders Award-2015

IV-IT

Rank Holders

1. Veena Priya Darshini.S
2. Shanmathi.Ag
3. Saranya.K

III-IT

Rank Holders

1. Rakshana.S
2. Raga Rakshitha.R
3. Swarnalakshimi.C.V

"Be the change that you wish to see in the world." ?
Mahatma Gandhi

II-IT

Rank Holders

1. Oviya
2. Dharshini.K
3. Swathi.T

Deputy Treasurer of SGS

Zeba Farzeena

IV-IT

WORKSHOP

Workshops
Find your talents,
Enhance your skills,
Help others

.NET

Government College of Technology, Coimbatore
An Autonomous Institution, NBA Accredited and Affiliated to Anna

Udhaya Surya.A
Nandhini.K

Internet of Things-A
Pathway to smart Cities

III-IT
10th
March

Government College
of Technology-
Coimbatore

Krishika.J

Janani.D

Sugashini.K

Swathi.T

Kongu Engineering College,
Erode.

KONGU
ENGINEERING COLLEGE

Ethical
Hacking

5th March
4th March

II-
IT

Tharany.K

Android APP
development

Coimbatore Institute of
Technology, Coimbatore

COIMBATORE INSTITUTE OF TECHNOLOGY

ONLINE CERTIFICATION EXAM

(18.3.16)

INFORMATION TECHNOLOGY
SCIENCE MULTIMEDIA
DATABASE MANAGEMENT

II-IT

PHP MySQL

JAVA

53

III-IT

JAVA

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IIT Bombay – SpokenTutorial

DAA

8

Microsoft

.NET

JavaScript

26

Bigdata University

Introduction to R – Tools

18

Java Script

III-IT

Rank Sheet

PUZZLE

Guess the next number of this series

6, 14, 36, 98, ?

Find a number with its letters in alphabetical order.

Next Number is 210

Solution–Forty

it is the only number we know of in English with its letters in alphabetical order. And that is the correct spelling.

Find the value of Empty Circles??

2	1	6	9
7	3	8	18
9	5	4	18
18	9	18	

2+1+6=9(R)

2+7+9=18(C)

7+3+8=18(R)

1+3+5=9(C)

9+5+4=18(R)

6+8+4=18(C)

●	1	●	9
●	●	8	18
9	●	●	18
18	9	18	

90% Fail answer?

$$1 + 1 + 1 + 1 + 1$$
$$1 + 1 + 1 + 1 + 1$$
$$1 + 1 \times 0 + 1 = ?$$

Solution-1

I don't have eyes, but once could see , I once had thoughts , but am now empty.

What am I?

Skull

Divyabharathi.B

3rd IT-A

EVENTS

B.Kathiravan

E.Arunasaithambi

R.Gawtham Srinivasan

K.Lokesh

A.Agathur Balakrishnan

Coding events

17th March

SRI KRISHNA
INSTITUTIONS
COIMBATORE

K.Tharany

Web designing and Debate

15th March

SONA
COLLEGE OF TECHNOLOGY

(Autonomous)

R.Saranya

N.Kavya

B.Arun Kishore

G.Nirmalraj

Coding events,quiz

7th March

Thiagarajar College Of Engineering

Where Quality and Ethics matter

TOP PERFORMER IN CO-CURRICULAR ACTIVITIES

3rd IT

1st prize → **S.RAKSHANA**

2nd prize → **S.Sathya N.Madhuvarshini**

2nd IT

1st Prize → **S.Praveen Kumar**

2nd prize → **S.Oviya B.Kishore**
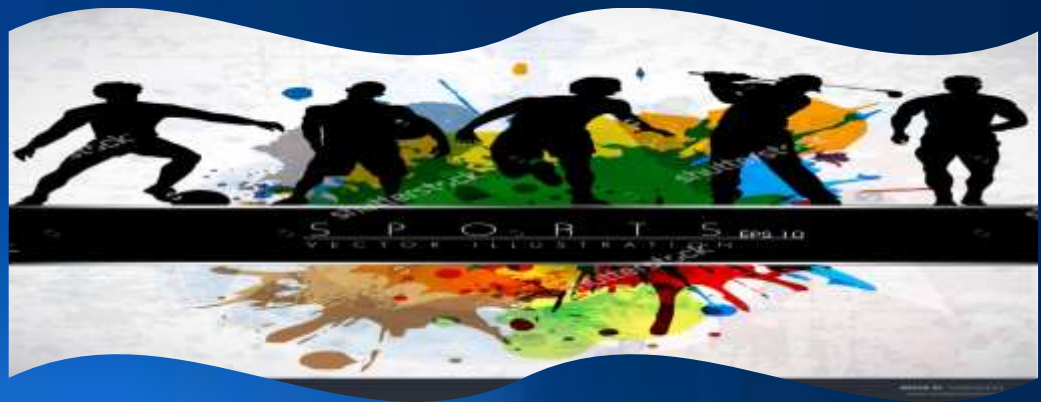
NSS Activities

29th Feb-2nd March

Somandurai Chittur, Coimbatore.

II-IT

Madhumitha.K

Varsha.G

Janani.D

Tharny.K

Election Awareness program

P
A
P
E
R

R E V I E W E D

One paper for the "IEEE Signal Processing Letters"

Two papers for the "Elsevier – Signal Processing"

Dr.S.Ramakrishnan, Prof. & Head

P.Aravindh Kumar

A.Padmaprakash

K.K.Prasanth

D.Gowtham

GUIDE:

Ms.N.Premalatha

New Trends Based on Intelligent E-Marketing on E-Shops

Selvam College of Technology, Namakkal

Life shrinks or expands in proportion to one's courage. –Anais Nin

Patiala Jokes

INTERNATIONAL JOURNALS

Dr.S.Ramakrishnan,

Prof. & Head

Mr.T.Gopalakrishnan

AP (SS), Dept. of

E & I

ICTACT Journal
on Image and
Video Processing

Image Encryption In
Block-Wise With
Multiple Chaotic
Maps for Permutation
and Diffusion

A homomorphic
encryption scheme with
adaptive chosen cipher
text security but without
random oracle

(16th march)

ACM
Computing
Reviews

Dr.S.Ramakrishnan,

Prof. & Head

T. Sasi Prabha

K. R. Vani Sri

V.Vanitha

S.Vinitha

IJCAT - International Journal of Computing and Technology

Speech Encryption Based On Multi Stage Permutation Using Multiple Chaotic System

Guide:

Mr.P.Sathiyamurthi, AP(SS)

IV-IT

A web based approach: Acronym Definition Extraction

M.Barkavi

P.Guha Prashanthini

R.Narmadha

International Research Journal of Engineering and Technology (IRJET)

Guide:

Ms.R.Menaha, AP.

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3rd IT-A

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