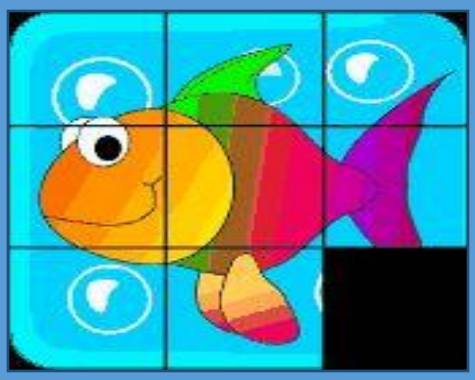
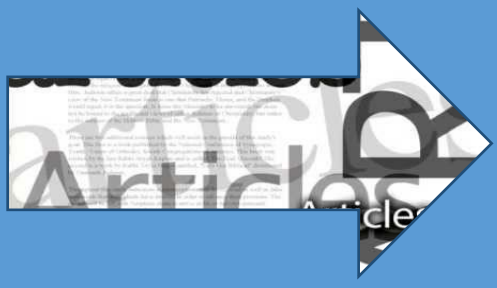
DR MAHALINGAM
MCET
COLLEGE OF ENGINEERING AND TECHNOLOGY
Enlightening Technical Minds

INFOQUEST'16

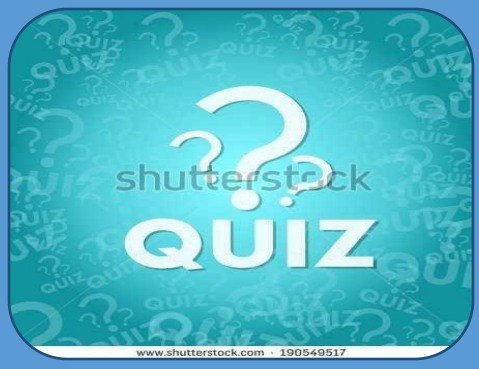
SEPTEMBER 2015, VOLUME-8, ISSUE-2



SHUFFLE YOUR BRAIN



Test Your Knowledge



DEPARTMENT OF INFORMATION TECHNOLOGY

DR.MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY

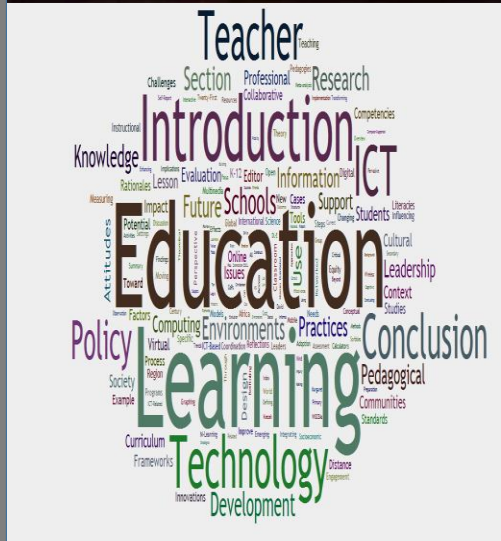
UDUMALAI ROAD, POLLACHI-642 003, TAMILNADU, INDIA.

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 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 needof 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, analyze 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 modeling 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.

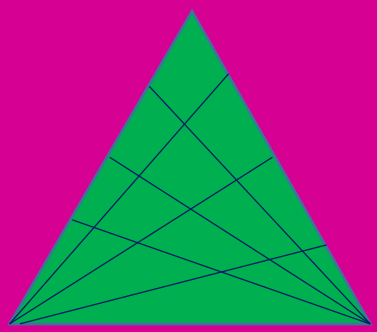
PUZZLES

1.An exterior architect is asked by a builder to plant seven trees in a manner that there are exactly six rows of trees in a straight line and each row has three trees in particular.

Answer:

He will plant three trees as the vertices of an equilateral triangle. Now imagine an equilateral triangle. Three more trees will be planted on the center of each of the side of triangle. The remaining one tree will be planted at the centroid of the hypothetical equilateral triangle.

2. How many triangles and quadrilaterals are there in this diagram?

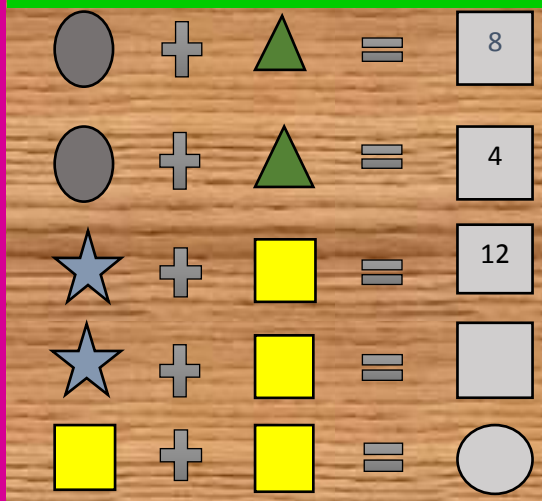


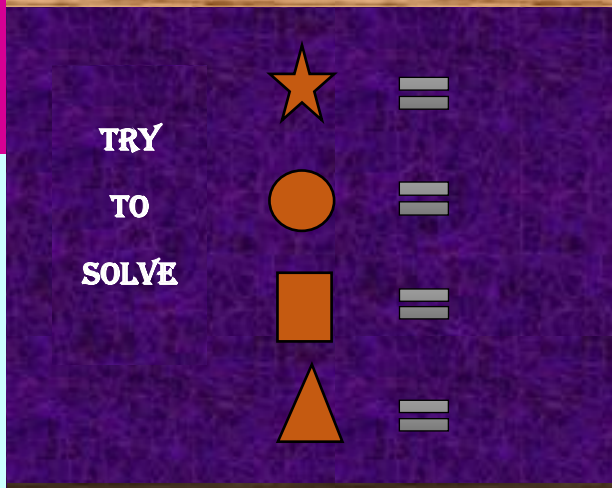
Answer:

64Triangles
36Quadrilaterals
Total: 100 shapes

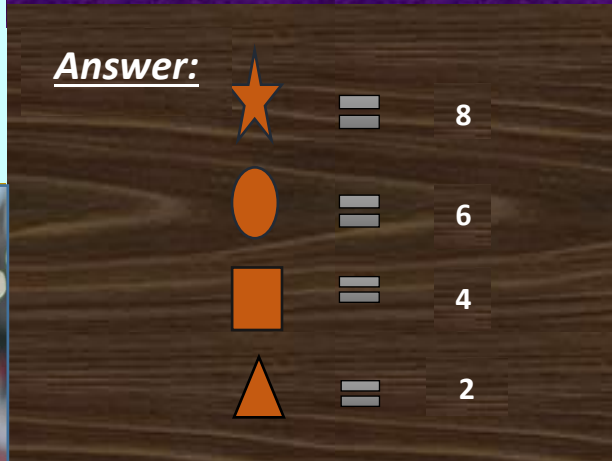
Kishore.B
2nd year,
[14BIT029]

3. Solve it

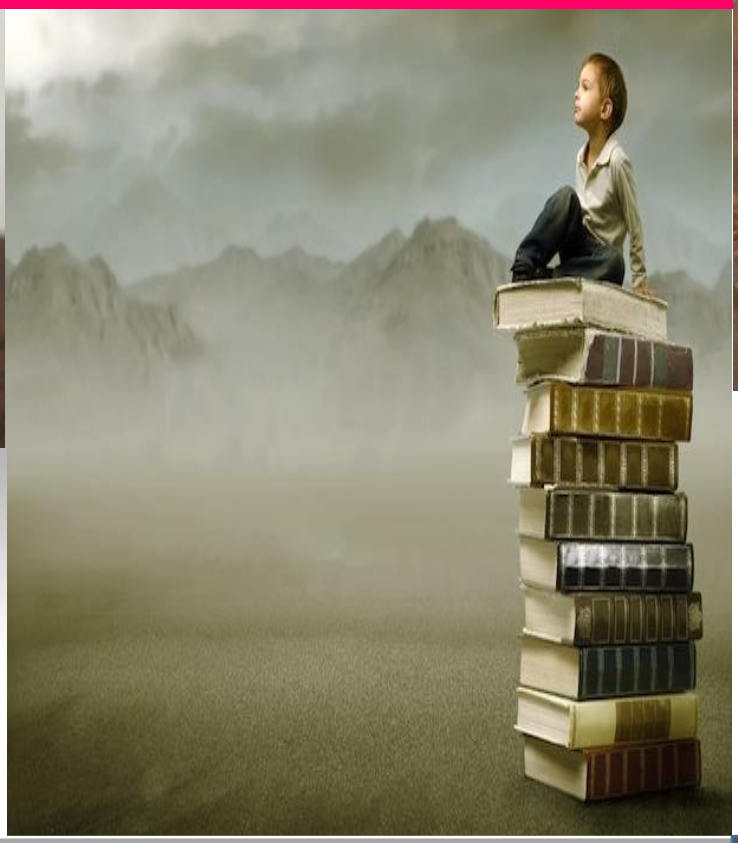


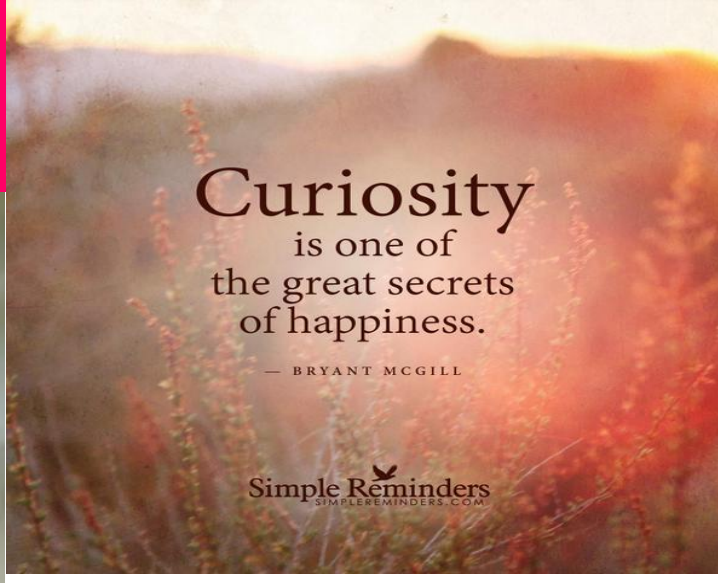


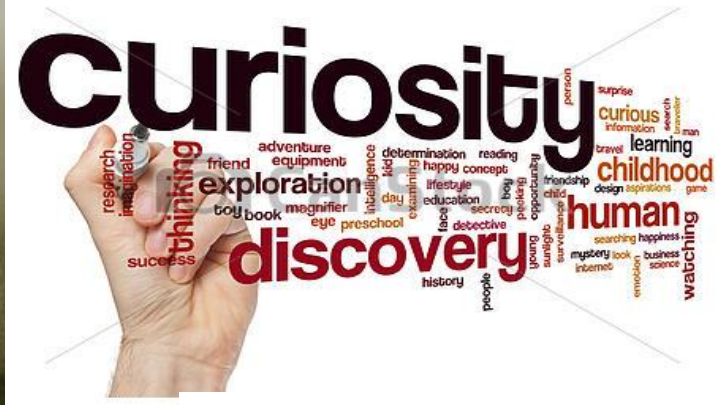
Answer:



Curiosity

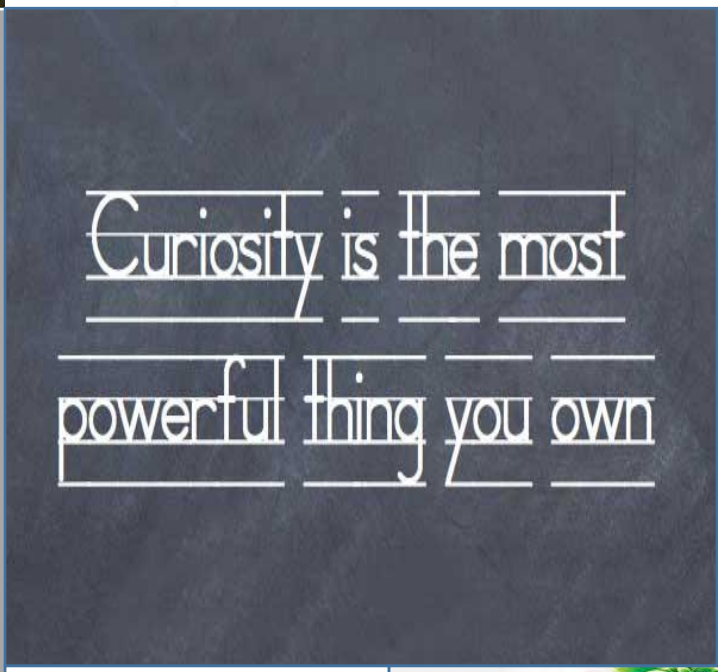






"Cloud storage is paving the way for books that are sold not by title, but by time."

Curiosity is the thing that makes us to know and gain more about a particular thing. Without curiosity, one cannot have the urge to learn more. So, it is the driving force for a person to gain knowledge, to explore more and to succeed in one's life.



Sree vidhya.E

3rd year

[131T055]

General Quiz..

QUIZ>>>

1.Which city has largest population?

Answer: Tokyo

2. Which country claim the worlds tallest building?

Answer: Malaysia,the twin Petronas Towers at 1483 feet

3. What are Alpha centauri and Sirius?

Answer: Star

4. Which country is bordered by both Atlantic and Indian ocean?

Answer: Republic of South Africa

5. Which is world's second largest country in land area?

Answer: Canada

6. What is only word in English ending in "mt"?

Answer: Dreamt

7. What is name given to process of signaling with two flags?

Answer: Semaphore

8. Which country has second largest Christian population?

Answer: USA

9. Which is largest living bird?

Answer: Ostrich

10. What is world's most popular spectator sport?

Answer: Auto Racing

11. Which company is world's largest producer of microchips?

Answer: Intel

12. What would a cartographer make?

Answer: Maps

13. How many pillars in House of Wisdom?

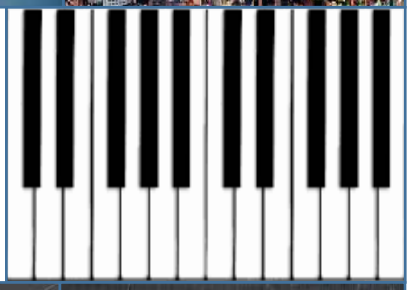
Answer: Seven

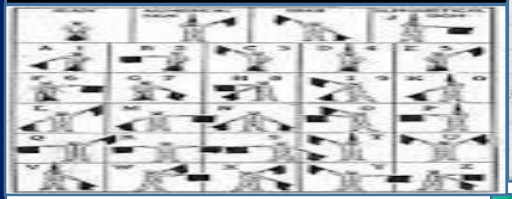
14. How many keys on Standard piano?

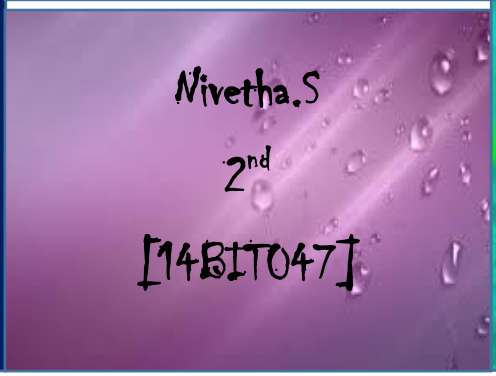
Answer: 88

15. Which country gave the Statue of Liberty to America?

Answer: France







2016

PLACEMENT

TRAINING

PLACEMENT

PLACED STUDENTS [BATCH 2012-2016]

Confidence

goal

Hard work

Carrier

Focus

achieve dream

GoFrugal

CONNECTING BUSINESS PARTNER

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live your dream

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PRIYANKA R	*-12BIT078*
RUPAVATHI S	*-12BIT081*
SANDHIYA B	*-12BIT082*
SHANMATHI A G	*-12BIT090*
SURESHVELAN K	*-12BIT100*

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GAYATHRI B	-12BIT018
GAYATHRI S	-12BIT019
GUHA PRASHANTHINI P	-12BIT024
KOUSALYA L	-12BIT041
MADHAN KUMAR V	-12BIT047
MITHRA G	-12BIT051
MOHANAPRIYA T	-12BIT053
MUTHUKUMAR L	-12BIT055
NIVEDHA P	-12BIT061
PAVITHRA G	-12BIT066
PAVITHRA R	-12BIT069
SARAVANAKUMAR S	-12BIT088
SASI PRABHA T	-12BIT089
SUCHITRA N	-12BIT098
VANI SRI K R	-12BIT107
VANITHA V	-12BIT108
VASUKI S	-12BIT109
VEENA PRIYA DARSINI S	-12BIT110
VEERAVIGASHINI	-12BIT112
VINITHA S	-12BIT113

NTT DATA

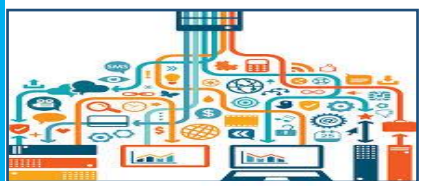
Global IT Innovator

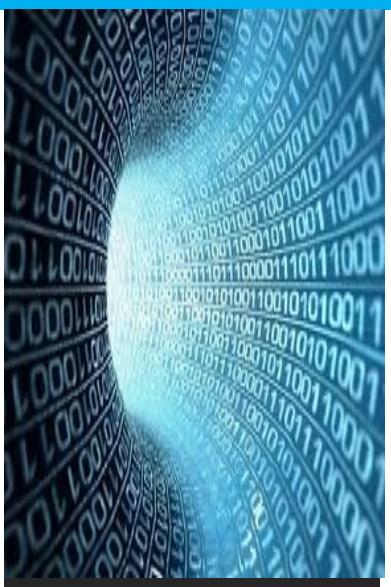
Innovative R&D by NTT

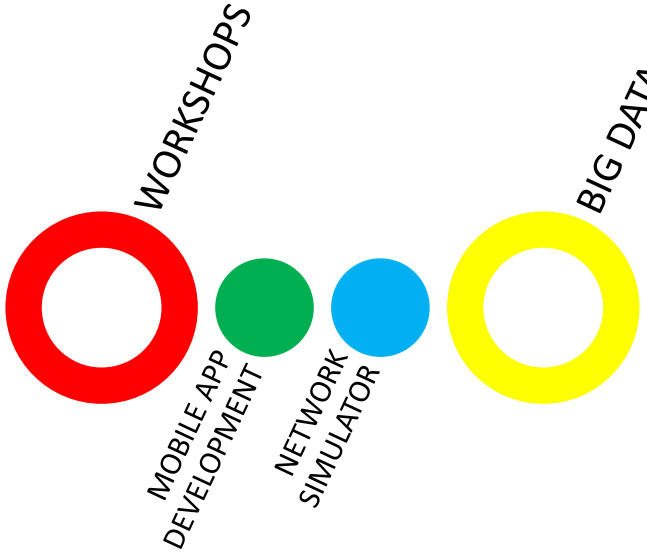
ABINAYA K	-12BIT001
HASMATH HASEENA K	-12BIT026
KOKILAVANI C	-12BIT040
NARMATHA R	-12BIT060
NIVETHINI D	-12BIT063
PAVITHARA P	-12BIT068
PRASEETHA N	-12BIT073
SARANYA K	-12BIT086
SHARMILA S	-12BIT092
VAISALI P	-12BIT105
VAISHALI J	-12BIT106
ZEBA FARZEENA A	-12BIT116

List of Activities Done

Workshops & Hands on trainings







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Workshop on "Mobile Web Application Development using jquery Mobile" for External Participants

Name of the Event Coordinator	Conducted at (Venue)	No. of participants attended	Name of Resource Person & Date(s)
Dr.S.Ramakrishnan (prof&Head), Mr.A.S.Muthanantha Murugavel AP(SG), Mr.P.Sathiyamurthi AP(SS)	MCET (P & N Lab), Pollachi	External: 38	Mr.Dhinesh, Senior Software Engineer, Infosys, Chennai 26.09.2015

Workshop on "Mobile Web Application Development using jquery Mobile" for Internal Participants

Dr.S.Ramakrishnan Prof & Head, Mr.A.S.Muthanantha Murugavel AP (SG), Mr.P.Sathiyamurthi AP (SS)	MCET (P & N Lab) Pollachi	Internal Faculty Members & Students: 56	Mr.Dhinesh, Senior Module Lead, Infosys, Mysore 25.09.2015

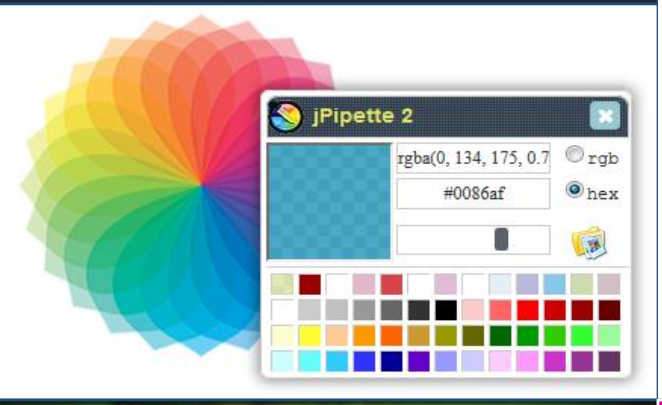
Workshop on "Network Simulator (NS-2)" Participants

Dr.S.Ramakrishnan Prof & Head, Mr.J.Ramprasath, AP/IT Mr.E.Prabhakar, AP/IT Mr.K.Kanagasabathi, AP/IT	MCET (P & N Lab) Pollachi	Internal Faculty members & Students: 46	Ms.Anjali Thirukumaran, Proprietor, SAT Infosys, Coimbatore 3 & 4.9.15

Hands-on Training on "MICROSOFT BUSINESS INTELLIGENCE"

Dr.S.Ramakrishnan, Prof & Head, Ms. N.Premalatha, AP/IT & IT Association	MCET (P & N Lab) Pollachi	Students: 40	Mr.Paranthaman, ProPhoneix Technologies, Senior S/w Engineer, Chennai 22.08.2015

Workshop on "Mobile Web Application Development using jquery Mobile"



Ms.N.Premalatha,AP

Ms.D.Gokila , AP

Ms.S.Rubika ,AP

26/ 09/ 2015

Workshop on BIG DATA

Ms.S.Rubika , AP	**Anna University, Regional Center, Coimbatore.**	**21.09.2015 & 22.09.2015**
Ms.R.Menaha, AP	**Infosys, Chennai**	**7.09.2015 To 12.09.2015**

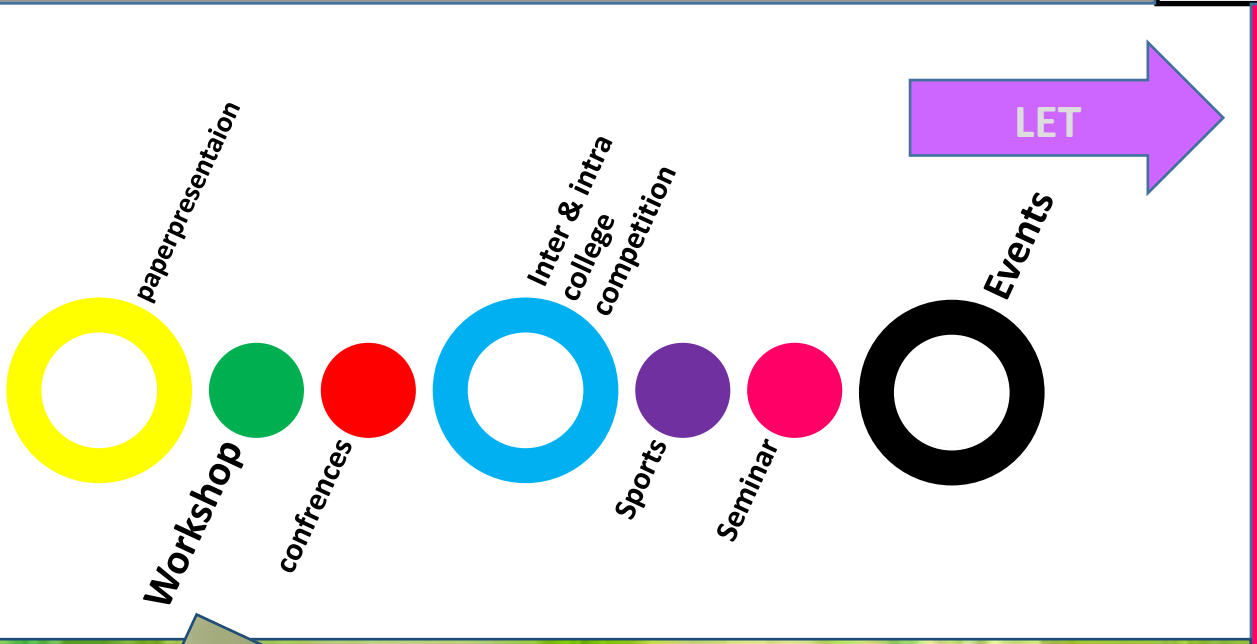
Dr.S.Ramakrishnan (prof&Head), Ms.L.Meenachi,AP(SS) Mr.P.Sathiyamurthi, AP(SS) Ms.S.Nithya, AP(SS)	**Workshop on *Outcome Based Education* MCET, POLLACHI**	**19.09.2015**

Mr.K.Balasamy, AP	**NMAMIT, Mangalore**	7.09.2015 To 11.09.2015

Student's activities

WORKHARDINSILENCE

YOURSUCCESSBEYOURNOISE



Paper Presentation by the students

Name of the students	Title	Organized by,.	Date	
D.Selvamani(III IT-B) M.Shakila banu(III IT-B)	Grid Computing - Participation	KGiSL Institute of Technology, Coimbatore	12.09.2015	
S.Priyanka (III IT-B)	Analysis of brain activity using grid computing - Participation			
S.Kalaivani(III IT-B) B.Praba Devi(III IT-A) T.Rajalakshmi(III IT-B)	E-Governance - Participation	National Level Technical Symposium, Coimbatore Institute of Technology, Coimbatore	11.09.2015	
M.Ishwarya(III IT-B) K.Nandhini(III IT-B)	Wearable Computing - Participation			
R.Dhanaranjani(III IT-B) R.Yogarubini(III IT-B)	Green Computing - Participation			
D.Selvamani(III IT-B) M.Shakila banu(III ITB)	Nano Technology – (Idea Presentation) Participation	Tamilnadu College of Engineering, Coimbatore.	03.09.2015	
M.Malathi(III IT-A) T.Shanthini(III IT-A)	Achieve secure and efficient data collaboration in cloud computing- 1st prize	Bannari Amman Institute of technology	30.09.2015	

WORKSHOP

S.Ramachandran

G.Karvendhan

V.R.Soniya

R.Monisha

S.Praveen Kumar

V.Kishore

K.Sathishkumar

C.S.Sinduja

2nd YEAR

3rd YEAR

T.Hari Shankari

V.Nivetha

IBNC INDIA and MCET, Pollachi.

(03.09.2015 & 04.09.2015)

KPR Institute of Engineering and Technology, Coimbatore.

Articles

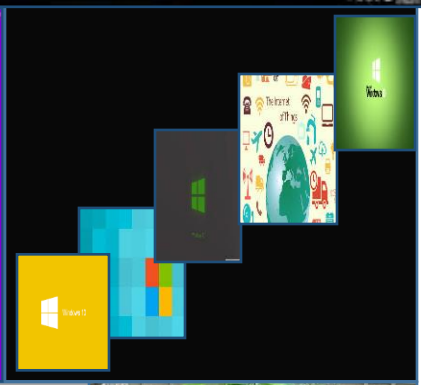
Articles

Articles

Windows 10 is a latest operating system being developed by Microsoft as part of the Windows NT family of operating systems. It is currently in public beta testing through the Windows Insider program. During its first year availability, an upgrade to Windows 10 is offered with no charge to all end users of genuine Windows 7 service Pack 1 and Windows 8.1 update.

The goal of Windows 10 is to combine the operating system of Microsoft's PC, Windows phone, Windows Embedded and Xbox one product families , & new product categories such as the surface Hub and Holo lens, around a common internal core. The products will share What Microsoft calls a common, "Universal" application architecture and Windows store ecosystem that expands on the Windows Runtime platform introduced by Windows 8. Windows 10 provides the integration with Microsoft services and platforms, like addition of Cortana (an intelligent personal assistant), a notification system that can be synchronized with devices, and new Xbox live features. The default web browser, Microsoft Edge, also make its debut in Windows 10.

The operating system introduced new technologies and system components, including DirectX 12 and latest frameworks for biometric authentication. Unlike previous version of Windows, Microsoft is planned to treat Windows 10 as a service that will receive non-critical updates over its lifespan with the combination of periodic long-term support milestones for enterprise environments. Windows 10 includes support on Android and ios apps.



Sharmila.K

2nd year,

[14BIT063]

LIST OF COUNTRIES, THEIR CAPITALS AND CURRENCIES:

Countries	Capitals	Currencies
Australian	Canberra	Australian Dollar
Bangladesh	Dhaka	Taka
China	Beijing	Yuan
Denmark	Copenhagen	Krone
Egypt	Cairo	Egyptian Pound
Fiji	Suva	Fijian Dollar
Ghana	Accra	Ghana Cedi
India	New Delhi	Indian Rupee
Japan	Tokyo	Japanese Yen
Kenya	Nairobi	Kenyan Shilling
Malaysia	Kuala Lumpur	Malaysian Ringgit
Nigeria	Abuja	Nigerian Naira
Pakistan	Islamabad	Pakistani Rupee
Russia	Moscow	Russian Ruble
Sweden	Stockholm	Swedish Koran
Taiwan	Taipei	New Taiwan Dollar
Uruguay	Montevideo	Uruguayan Dollar
Venezuela	Caracas	Venezuelan Bolivar
Zambia	Lusaka	Zambian Kwacha

M.Malathi & B.Gowthami

3rd Year

Participation in Seminar / Conference / Workshop / Training etc. by the Students

S.No	Student's Name	Branch and Department	Details of Event	Organizer and Place of program	Date
1.	T.Hari Shankari	III – IT (B)	Workshop on "Big data analytics using R Programming"	KPR Institute of Engineering and Technology, Coimbatore.	18.09.2015 & 19.09.2015
2.	V.Nivetha				
3.	S.Ramachandran	II – IT (A)	Workshop on "The Internet of Things-IOT"	IBNC INDIA and MCET, Pollachi.	03.09.2015 & 04.09.2015
4.	G.Karvendhan	II – IT (A)			
5.	V.R.Soniya	II – IT (A)			
6.	R.Monisha	II – IT (A)			
7.	S.Praveen Kumar	II – IT (A)			
8.	V.Kishore	II – IT (A)			
9.	K.Sathishkumar	II – IT (A)			
10.	C.S.Sindhuja	II – IT (B)			

Industrial Visits / Tour

S. No	Dept.	Class	Place of Industrial Visit	Total No. of Students Visited	Date
1.	IT	II Year IT 'B'	KG Denim, Mettupalayam. Faculty Members accompanied: Mr.K.Kanagasabapathi, AP/IT Ms.A.Logeswari, AP/IT	51	23.09.2015

Extra-Curricular / Co-curricular Activities

Physical Education Activities

S.No	Students Name	Year & Dept.	Events Details	Awards / Medals (if any)	Date of the Event
1.	S.Akilazndeeswari	III – IT (B)	4*100 relays, Nehru Stadium, Coimbatore.	2nd	28.09.2015 & 29.09.2015
2.	S.Akilandeeswari	III – IT (B)	4*100 hurdles, Nehru Stadium, Coimbatore.	3rd	
3.	P.Saravana Perumal	IV – IT (B)	Zonal Hockey – Hindustan College of Engineering, Coimbatore.	Winner	25.09.2015 & 26.09.2015
4.	K.Kennedy	III – IT (A)			
5.	N.Reshma	III – IT (B)	Zonal Ball badminton – Hindustan College of Engineering, Coimbatore.	3rd	25.09.2015 & 26.09.2015

EDITORIAL TEAM

Staff Coordinator…

Ms.N.Premalatha (Asst.Prof)

Ms.T.Sumathi(Asst.Prof)

Collection team

Jeeva swarna.A III IT

Dharshini II IT

Preethi II IT

Formatted and Designed by…

M.Malathi 3rd year

B.Gowthami 3rd year

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