



# INFORMATION TECHNOLOGY



**Info****quest**  
(A TECHNICAL MAGAZINE)

VOLUME 10, ISSUE 1,  
SEPTEMBER 2017

# CONTEXT



VISION &  
MISSION

PROJECTS

STAFF &  
STUDENT  
ACTIVITIES

TRAINING  
&  
PLACEMENT

ARTICLES

DRAWING  
&  
PHOTOGRAPHY



## **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.*



## *Programme Outcomes (POs)*

*The graduates of Information Technology Programme will be able to:*

**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.*

## *Programme Specific Outcomes*

**PSO 1. Open Source Software:** *Able to develop customized solutions for real world problems using open source software.*

**PSO 2. Data Science:** *Able to manage, store, retrieve and analyze the voluminous data efficiently.*



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## HADOOP

1. SIMULATION OF PRODUCTIVITY PARAMETERS IN AGRICULTURE

2. WEATHER PREDICTION

## IOT

1. INTELLIGENT TRAFFIC MANAGEMENT SYSTEM

2. FAN AUTOMATION

3. AUTOMATIC WATER SAVING MECHANISM USING ARDUINO CONTROLLER

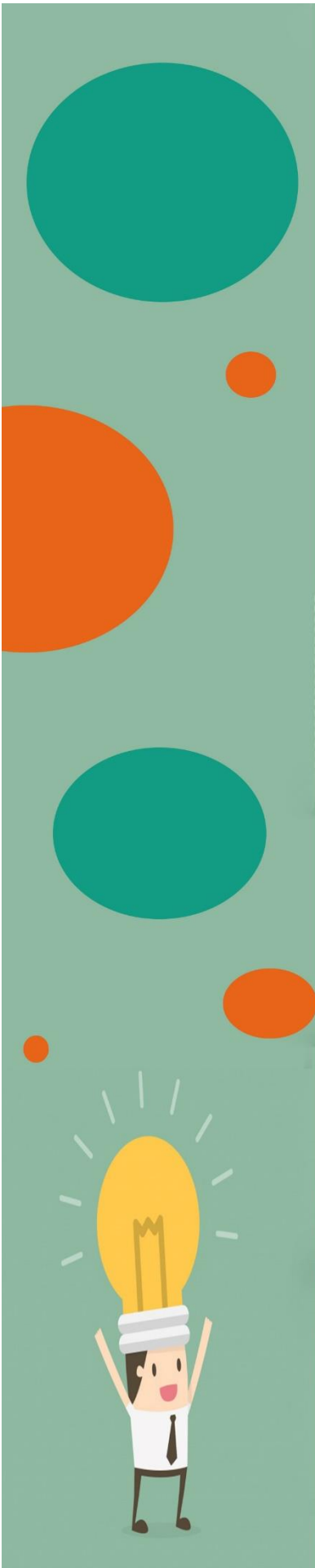
4. GREEN HOUSE SYSTEM

5. SMART HOME

6. SMART STICK

## IMAGE PROCESSING

1. STEREO CORRESPONDENCE DISPLAY MAPPING





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IT ASSOCIATION  
INAUGURATION



**GUEST LECTURE ON "CYBER SECURITY"**  
BY  
**MS. MANJULA NARASHIMAM,**  
**DIRECTOR-COMPLIANCE & CUSTOMER,**  
**KG INFORMATION SYSTEM PRIVATE LTD., COIMBATORE.**



ON 08.07.2017

# STUDENT WORKSHOP

WORKSHOP ON “SMART GRID/SMART CITY AN INDIAN PERSPECTIVE”  
AT KONGU ENGINEERING COLLEGE, ERODE ON 21.07.2017

S.HARSHITHA, II IT, M.KAVIYA, II IT,  
B.SURYA, II IT, V.PONMANIKANDAN II IT

WORKSHOP ON “ANDROID DEVELOPMENT”  
AT MCET, POLLACHI ON 27.07.2017

S.ARSATH PARVASH, IV IT  
S. PERIYASAMY, IV IT  
K.PRASANNA, IV IT  
P.GOWTHAM, IV IT  
S.S.VINIETH, IV IT  
R.SEKAR, IV IT



WORKSHOP ON “VIRTUAL REALITY”  
AT PSG COLLEGE OF TECHNOLOGY, COIMBATORE ON 29.07.2017

V.PONMANIKANDAN, II IT  
A.ABHIRAMKUMAAR, II IT

WORKSHOP ON “ANGULAR JAVA SCRIPT”  
AT KONGU ENGINEERING COLLEGE, ERODE ON 12.08.2017

JAYADHARSHINI  
RASIKA

WORKSHOP ON “BIG DATA ANALYTICS”  
AT NGM COLLEGE, POLLACHI ON 24.08.2017

SUDHARSHAN M.R, III IT  
ARUNKUMAR D, III IT  
ASWIN.R, III IT  
SIVA V, III IT  
KOUSALYA NAYAGAM M, III IT  
RISWANA AYEESHA S, III IT

WORKSHOP ON “IOT”  
AT COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE ON 27.08.2017

KAVIYA M, II IT  
PONMANIKANDAN V, II IT  
PRIYADHARSHINI T, II IT  
RATNAPRABA J, II IT  
NANTHAKUMAAR C V, II IT  
MOHAN.C, II IT  
PAVAN.S, II IT  
JUHI LESNA M, II IT



# SIG DOMAINS





# *SIG (Student's Interest Group) Activities*



- General Quiz*
- Technical Connexion*
- TechnoWrite*
- Aptitude Contest*
- Technical Event*



Industrial visit:  
Lakshmi Machine Works Limited(LMW),  
Coimbatore



Accompanied Faculty:  
1. Mr. J. Dhyaneswaran, AP  
2. Ms. A. G. Priyavarshini, AP

12.08.2017

51 Students, II IT-B

# PLACEMENT

4

Report Bee

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burningglass  
CAREERS IN FOCUS

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Infoview

Fueling Thought, Igniting Action

3



2



NFNLABS

4





# *Workshop by Staff*

*Groovy and Grails (29.06.2017, 30.06.2017)*

*Patent Drafting (28.06.2017, 30.06.2017)*

*Professional Skill Courses- PS3  
– Personal Effectiveness (22.06.2017, 23.06.2017)*

*OBE Coaching Session (22.06.2017, 23.06.2017,  
17.06.2017)*

*Ethical Practices on No Copying Initiative (19.06.2017)*

*Trailhead (19.06.2017)*

*Yoga Orientation (15.06.2017 to 17.06.2017)*

*Professional Skill Courses- PS5  
– Personal Effectiveness (13.06.2017, 14.06.2017)*





# *Staff Development Programme*

*Private Cloud setup (18.08.2017, 19.08.2017, 20.08.2017)*

*Hadoop & Hive (19.08.2017)*

*Teaching Learning Practice (30.08.2017,)*

*Tablet practical session for class room teaching (28.08.2017)*

*Foundation on ICT (Information and Communication Technology (19.08.2017, 20.08.2017)*

*Training session on tablet (17.08.2017 to 19.08.2017)*  
*Usage of tablets in TL (Teaching Learning) (08.08.2017)*

*Data Analytics using R (05.08.2017)*





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# INPLANT TRAINING

## CODE BIND TECHNOLOGY, COIMBATORE.

SHOBANA.D, III IT  
KASTURI M, III IT  
RANJANA B, III IT  
RAHI.P.SHAH, III IT  
SHALIHA PARVEEN S, III IT  
GNANA SOUNDARYA R, III IT

12.06.2017 TO  
16.06.2017

## AFL IT ACADEMY, CHENNAI.

SWETHA M, III IT  
HEMALATHA R, III IT  
SHYAM M, III IT  
ARUNKUMAR D, III IT  
MAARUTHI T, III IT  
PRAVEEN T, III IT  
ASWIN R, III IT  
RAMYA V, III IT  
NARAYANI R, III IT

05.06.2017 TO  
09.06.2017

## HCL ENTERPRISES, COIMBATORE.

RAJDHARSHINI N.V, III IT  
PREETHA S, III IT  
ARTHI S , III IT  
SARANYA A.G, III IT  
SANGEETHA PRIYA.S, III IT  
PRIYADHARSHINI L, III IT  
PAVITHRA K , III IT  
MEENA LOSHINI R, III IT  
VIGNESH D , III IT  
PRADEEP N, III IT  
PRADEEP G, III IT  
SUDHARSHAN M.R, III IT

05.06.2017 TO  
18.06.2017

## BAAPTE SYSTEM TECHNOLOGY, KOZHIKODE

AFRAS ALI, III IT

24.05.2017 TO 17.06.2017

## INNOVIANS TECHNOLOGIES, BANGALORE.

INKAVI KAMACHI A, III IT  
KOUSALYA NAYAGAM M, III IT

05.05.2017 TO 16.05.2017



# **INDUSTRY INSTITUTE INTERACTION & INTERNSHIP**

**NFN LABS PVT. LTD., CHENNAI**

- 1.S.NITHYAVISNUPRIYA, II IT**
- 2.R.ABHISHEK, II IT**
- 3.V.PONMANIKANDAN, II IT**

**BUTTERFLY HOME APPLIANCES  
PVT. LTD., CHENNAI**

- 1.SUDHARSHAN M R**





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## கலாமின் காலம்

பேச்சில் உண்மை...  
முச்சில் உழைப்பு....  
சாதிக்க பிறந்தாய்!  
சரித்திரம் படைத்தாய் !  
மாதங்களில் மகடம் அக்டோபரக்கு!  
எத்தனை புண்ணியம் யாம் செய்தோம்...  
இந்த பூமியில் நீ அவதரித்தாய்!  
விண்ணில் பதித்தாய் !  
நம் வெற்றிச் சின்னத்தை....  
கடற்கறை நகரில் பிறந்தாய்!  
பலகடல்கள் கடந்து சென்றாய்!  
கடந்த காலத்தை காவியமாக்கினாய்!  
நிகழ் காலத்தை நினவைாக்கினாய்!  
எதிர்காலத்தை எட்டிப்பிடிக்கும்  
கனவாக்கினாய்!  
பிறப்பில் வறுமை.....  
வாழ்வில் எளிமை.....  
படைத்தத புதமை.....  
வெறுப்பத தனிமை.....  
ஆற்றியத கடமை.....  
வயதில் இளமை.....  
நான் என்பதை மாற்றினாய்!  
நாம் என்பதை அரங்கேற்றினாய்!  
விரிந்தத உன் சிறகுகள்.....  
அக்னிச் சிறகுகளாய்!  
காற்றோட காற்றானாய்!  
எங்கள் டிழ முச்சானாய்!

**T. PRIYADHARSHINI**  
**II IT**



# DAD'S LOVE

DAD, WHO IS "A SON'S BEST HERO AND DAUGHTER'S FIRST LOVE". NORMALLY, ALL THE GIRLS WILL BE IN THE SIDE OF DAD. THE ONE WHO ALWAYS THINKS ABOUT THE CHILDREN'S HAPPINESS IS DAD. IN HIS LIFE HE FACES SO MANY STRUGGLES TO RUN THE FAMILY THOUGH HE NEVER SAID NO TO THE ONE WHICH HIS CHILD ASKED .HE IS RUNNING BEHIND HIS LIFE TO MAKE HIS CHILDREN HAPPY TILL HIS END. DESPITE OF HIS STRUGGLES HE FEELS HAPPY ONLY IN FULFILLING HIS CHILD'S WISH. SOMETIMES YOUR DAD MAY GET ANGER ON YOU BUT JUST THINK THE REASON BEHIND HIS ANGER. ALWAYS, IT IS TO PROTECT YOU FROM YOUR DANGERS AND TO MAKE YOU COMFORTABLE IN YOUR LIFE. HIS ANGER IS JUST ONLY FOR FEW MINUTES BUT HIS LOVE IS FROM THE DAY YOU GET INTO THIS WORLD. SO, DON'T FORGET THAT LOVE JUST BECAUSE OF THAT FEW MINUTES.



GENERALLY, MOM WILL GET ANGER ON GIRLS EASILY BUT THE FATHER IS THE ONE WHO SUPPORT YOU EVEN THE MISTAKE IS YOURS. HE FEELS PROUD WHEN YOU ACHIEVE SMALL THINGS ALSO. HE ALWAYS ENCOURAGES YOU BOTH IN YOUR SUCCESS AND FAILURE. ONLY HE HAS THE GUTS TO POINT OUT YOUR MISTAKES AND TO ACCEPT YOU WHATEVER YOU DONE EVEN AFTER ADVISING ON YOUR MISTAKES. THE TRUST HE KEEPS ON YOU IS IMMEASURABLE. HE DO SEVERAL THINGS AND CAN LOSE HIS HAPPINESS JUST TO MAKE YOU HAPPY.

HE NEVER LEAVES YOUR HAND IN YOUR CHILDHOOD SO YOU TO FOLLOW THAT. DON'T LEAVE HIS HAND WHEN HE BECOMES A CHILD(AGED) IN THE FUTURE. SO, ALWAYS REMEMBER HIS LOVE AND TRUST HE KEEPS ON YOU.

N. KANIMOZHI  
III-IT





# WOMEN

WHAT ARE THE PROBLEMS FACED BY GIRLS IN THIS SOCIETY, NOW-A-DAYS THERE IS NO SECURITY FOR GIRLS OR WOMEN EVEN FOR GIRL CHILDREN ,THIS PROBLEM IS DUE TO SOME BAD THINGS IN INTERNET AND SO ON.IN THIS WORLD WHEREVER GIRLS GO THEY FACE SOME PROBLEM THAN BOYS,GIRLS SHOULD HAVE MORE CONFIDENCE TO FACE SUCH KIND OF PROBLEMS. IF THEY TRAVEL IN BUS THERE ALSO SOME PROBLEMS TO BE FACED BY THEM .SOME PEOPLE TRY TO KILL THEM FOR GOLD,MONEY ETC.AND SOME PROBLEM ARISE DUE TO AGE PROBLEMS THAT IS THEY FELL IN LOVE WITH WRONG PERSON AND THEY SOME PROBLEMS THESE ALL HAPPENED DUE THEIR CARE AND AFFECTION. I AM NOT SAYING THAT ALL BOYS OR MAN ARE BAD I'M JUST SPECIFYING SOME INJUSTICE THAT ARE HAPPENING IN OUR SOCIETY.FOR EXAMPLE IN JAPAN (1998) FOUR BOYS KIDNAP THEIR CLASS GIRL AND KEPT HER FOR 44DAYS AND THEY FORCED TO CALL HER PARENTS AND FORCED HER TO TELL THEIR PARENTS THAT SHE WAS RUN AWAY WITH HER BOYFRIEND AND SHE WAS SAFE WITH HIM. AFTER 44 DAYS THEY SEND THEIR DIED BODY TO HER HOME,HER PARENTS ARE SPEECHLESS WHILE SEEING HER.THERE IS NO PROPER PUNISHMENT FOR THOSE HOW DOING THIS INJUSTICE TO GIRLS.IN RUSSIA THERE IS NEW LAW FOR THOSE WHO DOING INJUSTICE TO GIRLS ,THE GIRL CAN KILL THOSE PEOPLE WHO DO INJUSTICE TO HER.IN MY POINT OF VIEW OUR COUNTRY LAW MUST BE STRONG FOR GIRLS OR WOMEN SECURITY.



**K NANDHINI**

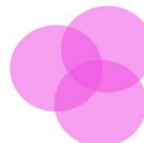
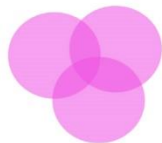
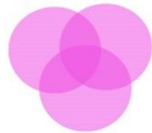
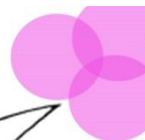
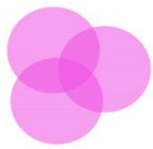
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**GOWRI**  
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**P. KAVIYA**  
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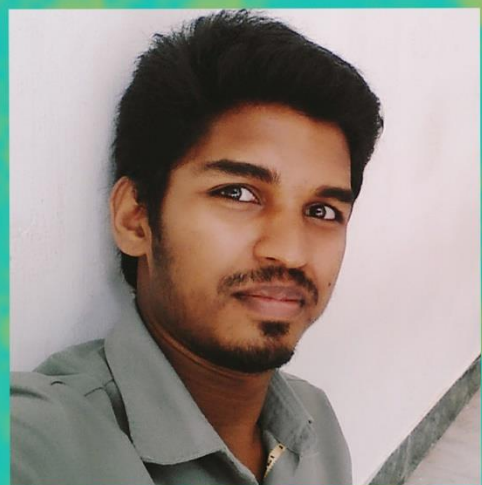


**S . ABIRAMI**  
**III IT**

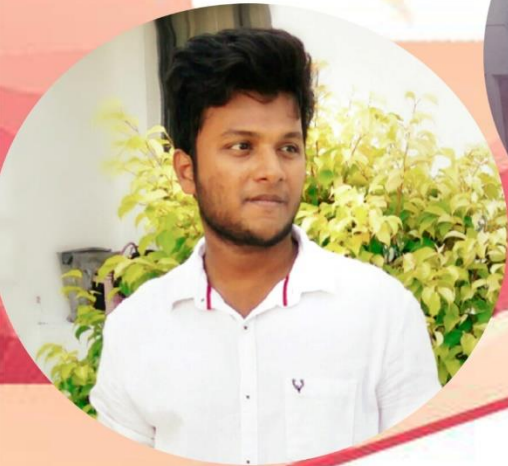




**RAGHUL PRASATH. B**  
**III IT**







## **CREDITS**

**Ms. A.G. PRIYAVARSHINI**

**Ms. S. RUBIKA**

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**M.ABDUL RAHMAN**

**A.V.R. SRIKANTH**

**S. AFRAS ALI**

**S. SUJATHA**

