

# InfoQuest

-A Technical Magazine

Information Technology



Department of IT

Dr. Mahalingam College Of Engineering & Technology

NPT - MCET Campus,

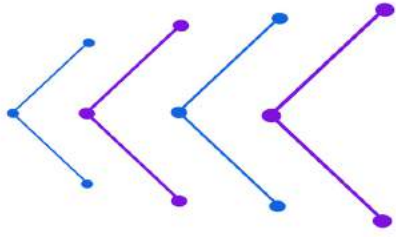
Udumalai Road, Pollachi-642 003,

Coimbatore - District, Tamilnadu, India

**Volume:13**

**Issue:3**

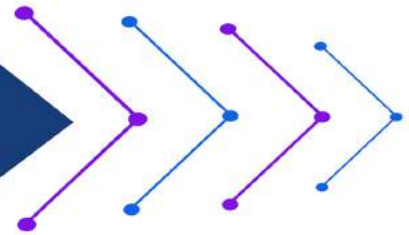
**Dec 2020**



# Info Bee



*Technical  
Association*



# Activities Conducted

Mr.K.Balasamy, AP/IT  
 Mr.N.Praveen Sundra kumar, AP/IT  
 Ms.A.G.Priya Varshini AP/IT  
 Tricky Tricks contest through MS Teams  
 13.10.2020

Mr.K.Balasamy, AP/IT  
 Mr.N.Praveen Sundrakumar, AP/IT  
 Ms.A.G.Priya Varshini AP/IT  
 Connections Contest through MS Teams  
 06.10.2020

Mr.K.Balasamy, AP/IT  
 Mr.N.Praveen Sundrakumar, AP/IT  
 Ms.A.G.Priya Varshini AP/IT  
 Online training on  
 "Preparation Strategy for Competitive Exams" by our alumni Akshaya  
 28.11.2020

Dr.S.Ramakrishnan, Prof. & Head  
 Mr.J.Ramprasath, AP/IT  
 Mr.K.Balasamy, AP/IT  
 Mr.N.Praveen Sundra kumar, AP/IT  
 Ms.A.G.Priya Varshini, AP/IT  
 Online training on "Opportunities in Startup Industries" by Mr.Sairam,  
 Member Technical Staff, Zoho Corporation  
 26.11.2020

Dr.S.Ramakrishnan, Prof. & Head  
 Mr.J.Ramprasath, AP/IT  
 Mr.K.Balasamy, AP/IT  
 Mr.N.Praveen Sundra kumar, AP/IT  
 Ms.A.G.Priya Varshini, AP/IT  
 Online training on "Technologies in IT Sector" by Mr.B.Omprakash,  
 Software Development Senior specialist, NTT DATA Global  
 25.11.2020

# Activities Conducted

Dr.S.Ramakrishnan, Prof. & Head  
Mr.J.Ramprasath, AP/IT  
Mr.K.Balasamy, AP/IT  
Mr.N.Praveen Sundra kumar, AP/IT  
Ms.A.G.Priya Varshini, AP/IT

Online training on“Higher Educational Opportunities and its Process in USA” by Mr.S.Saranyan, Senior Professional Software Engineer, DXC Technology

24.11.2020

Dr.S.Ramakrishnan, Prof. & Head  
Mr.J.Ramprasath, AP/IT  
Mr.K.Balasamy, AP/IT  
Mr.N.Praveen Sundra kumar, AP/IT  
Ms.A.G.Priya Varshini, AP/IT

Online training on“Entrepreneurship Challenges and Responsibilities” by Mr.S.M.Jeganraaj, Managing Partner, nPlus Technologies

24.11.2020

Mr.K.Balasamy, AP/IT  
Mr.N.Praveen Sundra kumar, AP/IT  
Ms.A.G.Priya Varshini AP/IT

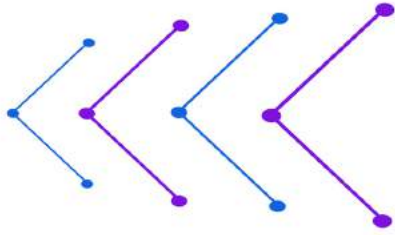
Lateral entry interaction with Parents & Students of 2020 Batch

21.11.2020

Mr.K.Balasamy, AP/IT  
Mr.N.Praveen Sundra kumar, AP/IT  
Ms.A.G.Priya Varshini AP/IT

First Year interaction with Parents & Students of 2020 Batch

20.11.2020

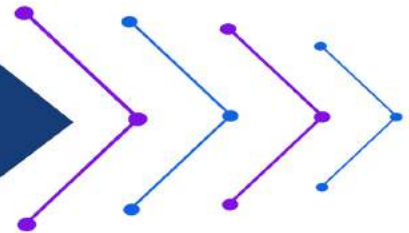


# STUDENTS

# ACTIVITIES



- 1. Participation in Seminar/ Workshop / Training etc. by the Students*
- 2. Extra-Curricular / Co-curricular Activities*



# PARTICIPATION IN SEMINAR/ WORKSHOP / TRAINING ETC. BY THE STUDENTS

*Chethan Kumar C (19BIT057)*

*Yuvaraj E(19BIT045)*

*Swetha R(19BIT027)*

*Vigashini S (19BIT001)*

*Lavanya M (19BIT083)*

*II IT-A*

*Webinar on*

*Start-ups conducted by*

*Dr. Mahalingam College of Engineering and Technology, Pollachi  
Online*

*11.10.2020*

*Chethan Kumar C (19BIT057)*

*II IT-A*

*Webinar on*

*Future of Electric Vehicles conducted by*

*Mr. R. Karthick, Founder of TAARAK Pvt Ltd*

*16.10.2020*

# EXTRA-CURRICULAR / CO-CURRICULAR ACTIVITIES

Keerthi.R 18BIT002

Hack with CW - Code Warriors Online  
19/12/2020

Tharani.V 18BIT006

Hack with CW- Code Warriors  
19/12/2020

Malini.P 18BIT008

Hack with CW- Code Warriors  
19/12/2020

Naraayani.N 18BIT012

Hack with CW- Code Warriors  
19/12/2020

Anveshana competition conducted by Agastya International  
foundation Ongoing and Semi-finals conducted - 03/01/2021

Deepa.R 18BIT016

Hack with CW- Code Warriors  
19/12/2020

Arunima.D 18BIT022

Hack with CW- Code Warriors  
19/12/2020

Harshini.R 18BIT036

Hack with CW- Code Warriors  
19/12/2020

Anveshana competition conducted by Agastya International  
foundation Ongoing and Semi-finals conducted 03/01/2021

Sarnika.K 18BIT042

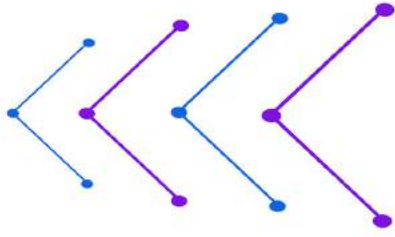
Hack with CW- Code Warriors  
19/12/2020

Aishwarya Ganesh 18BIT068

Hack with CW- Code Warriors  
19/12/2020

Anveshana competition conducted by Agastya International  
foundation Ongoing and Semi-finals conducted - 03/01/2021

Shafreen.M.I 19BIT302 Hack with CW- Code Warriors  
19/12/2020

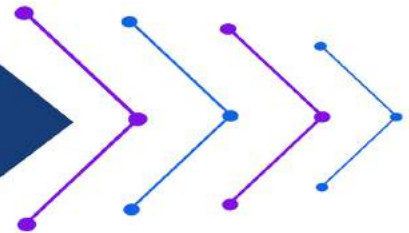


# FACULTY

# ACTIVITIES



1. *Programmes Organized By The Department*
2. *Participation In Seminar| Workshop | Training Etc*
3. *Papers Published In International | National Journals*
4. *Books|Monographs Published*





# Programmes Organized By The Department

Dr.S.Ramakrishnan, HoD-IT  
Dr.G.Anupriya HoD - CSE  
Prof.R.Muthusami HoD - MCA  
Dr. A.B.Arockia Christopher, AP(SG)-IT  
Dr. M.Pandi, AP(SG)-CSE.  
Dr. K.Karpagam, AP-MCA.

AICTE sponsored International E-conference on  
Data Analytics, Intelligent Systems and Information Security  
(ICDIIS'20) Online through Google meet  
All India Council of Technical Education  
External: 164  
Internal:219

11.12.2020 & 12.12.2020

## Industry-Institute Interaction Activities

Mr. N. Praveen Sundra Kumar, AP / IT

visited L&T  
for the purpose of consultancy activity titled  
"Smart Quality Management System"

on 15.10.2020

# Participation In Seminar/ Workshop / Training Etc

**N. Praveen Sundra Kumar, AP / IT**

ATAL Sponsored FDP on Data Science for IOT Conducted by  
IIT Allahabad

Online 09.10.2020 to 13.10.2020

**Dr.M.Balakrishnan, AP(SG)**

ATAL FDP on "Cloud Technology" conducted by  
KKR&KSR Institute of Technology & Sciences

Online 23.11.2020 to 27.11.2020

**Ms.L.Meenachi, AP(SS)**

ATAL FDP on Data Sciences conducted by  
Government Polytechnic Gandhinagar

Online 23.11.2020 to 27.11.2020

**Dr.A.B.Arockia Christopher, AP(SG)**

ATAL FDP on "Data Sciences" Conducted by  
Indian Institute of Information  
Technology, Design & Manufacturing Kancheepuram

Online 16.11.2020 to 20.11.2020

**Dr.A.B.Arockia Christopher, AP(SG)**

ATAL FDP on "Internet of Things (IoT)" Conducted by  
Army Institute of Technology

Online 24.11.2020 to 28.11.2020

**Dr.P.Sathiyamurthi, AP(SS)**

ATAL FDP on "Internet of Things (IoT)" Conducted by  
Army Institute of Technology

Online 24.11.2020 to 28.11.2020

# Participation In Seminar/ Workshop / Training Etc

**Dr.S.Ponni@sathya, AP(SS)**

ATAL FDP on “Cyber security” Conducted by  
Sri jayachamarajendra college of engineering  
Online 23.11.2020 to 27.11.2020

**Mr.K.Kanagasabapathi, AP**

ATAL FDP on  
“Augmented Reality (AR)/ Virtual Reality (VR)” conducted by  
Guru Nanak Dev Engineering College, Ludhiana  
Online 23.11.2020 to 27.11.2020

**Mr.S.Sasidharan, AP**

ATAL FDP on  
“Augmented Reality (AR)/ Virtual Reality (VR)” conducted by  
Guru Nanak Dev Engineering College, Ludhiana  
Online 23.11.2020 to 27.11.2020

**Ms.D.Janani, AP**

ATAL online FDP on “Data Sciences” conducted by  
IITM, Kanchipuram  
Online 16.11.2020 to 20.11.2020

**Ms.S.Soundariya, AP**

ATAL online FDP on “Data Sciences” conducted by  
IITM, Kanchipuram  
Online 16.11.2020 to 20.11.2020

**Dr.S.Ponni@sathya, AP(SS)**

ATAL FDP on “Data Science” conducted by  
Central University of Kerala  
Online 14.12.2020 to 18.12.2020

# Papers Published In International / National Journals

Dr.S.Ramakrishnan, Prof. & Head  
Venkatesh kumar U, AP(SS),  
Department of ECE,  
Sri Krishna College of Technology, Coimbatore  
Detection of spectrum hole from n-number of  
primary users using Gencluster algorithm  
Intelligent Automation and Soft Computing- TSI Press  
volume: 26 no: 4 pages: 817-830  
October 2020

Mr.K.Balasamy, AP/IT  
Ms.S.Suganyadevi, AP/ECE,  
Avinashilingam Institute for Home Science and  
Higher Education for Women, Coimbatore  
A fuzzy based ROI selection for encryption and  
watermarking in medical image using  
DWT and SVD Springer- Multimedia Tools and Applications  
<https://doi.org/10.1007/s11042-020-09981-5>  
26.10.2020

Mr.J.Ramprasath, AP/IT  
Dr.V.Seethalakshmi,  
Dept. of ECE,  
KPR Institute of Engineering & Technology, CBE  
Secure access of resources in software-defined networks  
using dynamic access control list  
International Journal of Communication Systems- Wiley  
volume:34 no:1 pages:pp.1-12  
November 2020

Dr.V.Shunmughavel,  
Dr.A.B.Arockia Christopher, AP(SG)  
Professor, Department of CSE, SSM Institute of Engineering and  
Technology  
A survey on the Rise of Social BOT detection techniques and  
Research Challenges Mukta Shabd Journal 9 12 159-164  
December 2020

# Papers Published In International / National Journals

Ramakrishnan S Prof. & Head  
Muthanantha Murugavel A S, Asso. Prof.,  
Sathiyamurthi P, AP(SS)  
Ramprasath J, AP

Seizure Detection with Local Binary Pattern  
and CNN Classifier (Best Paper Award) AICTE Sponsored  
International E- Conference on Data Analytics, Intelligent  
Systems and Information Security (ICDIIS '20)  
MCET Online through Google Meet  
12.12.2020

Ramakrishnan S, Prof. & Head  
Ponni alias Sathya S, AP(SS)  
Sumathi T, AP  
Sasidharan S, AP

Resolving ownership rights of video data using visible and invisible  
watermarking in DWT-SVD domain  
MCET Online through Google Meet  
12.12.2020

Ramakrishnan S, Prof. & Head  
Nithya S, AP(SS)  
L. Meenachi, AP(SS)  
Janani A P, Asso. Prof.,

Extended Adjacent Local Binary Pattern for Texture based Image Retrieval  
AICTE Sponsored International E- Conference on Data Analytics,  
Intelligent Systems and Information Security (ICDIIS '20)  
MCET Online through Google Meet  
11.12.2020

Balakrishnan M, AP(SG)  
Arockia Christopher, AP(SG)  
Ramprakash P, AP  
Logeswari A, AP

Prediction of Cardiovascular Disease using  
Machine Learning  
MCET Online through Google Meet  
11.12.2020

## Papers Published In International / National Journals

Menaha R, AP(SS)

Jayanthi V E, Prof./ECE

PSNA College of Engineering and Technology

Krishnaraj N, AP

Praveen Sundra Kumar N, AP

A Cluster Based Approach for Finding  
domain wise Experts in Community  
Question Answering System

MCET Online through Google Meet

11.12.2020

A.G.Priya Varshini, AP

Janani D, AP

Soundariya S, AP

Anitha Kumari K, Asso. Prof/CSE

PSG College of Technology

Comparative analysis of Machine learning  
and Deep learning algorithms for Software  
Effort Estimation

MCET Online through Google Meet

11.12.2020

# Books/Monographs Published

Dr.S.Ramakrishnan, Prof. & Head

Dr.S.Devaraju,  
ASP/CSA,  
Sri Krishna Arts and Science College, Coimbatore.

Handbook of Research on Cyber Crime and Information Privacy

Chapter name: Fuzzy Rule-Based Layered Classifier and Entropy-Based Feature Selection for Intrusion Detection System in the following book "Handbook of Research on Cyber Crime and Information Privacy" edited by Maria Manuela Cruz-Cunha and Nuno Ricardo Mateus-Coelho, published by IGI Global

October 2020

DOI: 10.4018/978-1-7998-5728-0.ch015 ISBN13: 9781799857280

ISBN10: 179985728X EISBN13: 9781799857297/

pages 289-309

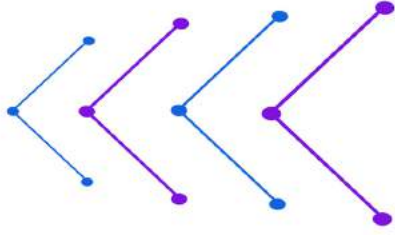
# Patent Published

Dr.VE.Jayanthi,  
PSNA College of Engineering and Technology

Ms.R.Menaba, AP(SS),  
MCET

A hybrid model for finding abbreviation definition pairs from biomedical abstracts and definitions of acronym from web  
Indian Patent Office

December 2020

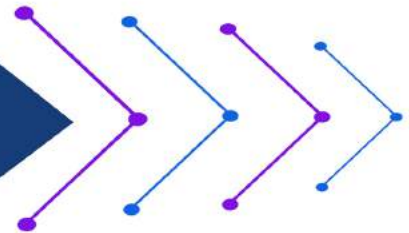


# PLACEMENT

# DETAILS



*Students Placement  
Details*





# STUDENTS INTERNSHIP DETAILS

**17BIT010 Muthukumar P-** ACTYV Pvt. Ltd.

01/10/2020 - 30/10/2020

01/11/2020 - 30/11/2020

**18BIT301 S Shailesh -** ACTYV Pvt. Ltd.

01/10/2020 - 30/10/2020

01/11/2020 - 30/11/2020

# STUDENTS PLACEMENT DETAILS

VVDN Technologies Pvt. Ltd. -5

Vuram Technology Solutions Pvt. Ltd.- 8

ACTYV Pvt. Ltd. - 3

Infosys Ltd. (HackwithInfy)- 1

GainInsights Solutions Pvt. Ltd.- 3

DXC Technologies Pvt. Ltd. - 5 +(1 Dual in GainInsights)

Hibiz Solutions & Consultants, Inc. - 1 (Dual in CTS)

Burning Glass Technologies Pvt. Ltd.- 2

Cognizant Technology Solutions Pvt. Ltd. -5

Tata Consultancy Services Pvt. Ltd. -5 + (2 Dual)

Infosys Ltd.-1

Total -38 + ( 4 Dual)

PHOTOGRAPHY,  
DRAWINGS  
&  
ARTICLES





*Kaviya. K*  
*18bit059*



*Navaneetha. M*  
*18bit064*



## How to manage time and be productive

*“sometimes later becomes never, so just do it.”*

*We all would have felt overwhelmed when we were bundled up with work which we missed to do a day before or a week before. We wouldn't have finished a work in time and procrastinated it. And on some day we might have had a situation to finish all those in the day. Now, how to avoid these kind of situations. Let's see that in this article.*

### Plan it

*It is always easy to follow the things which have been written, so schedule your days by making a plan. Schedule tasks to do at a particular time. In that way you won't miss tasks to be done at time. You won't miss it to finish it before deadlines.*

## Prioritize it

	URGENT	NOT URGENT
IMPORTANT	Do it Now	Schedule
NOT IMPORTANT	Hire or ask someone else to do it Don't do it .	Don't do it . Delete it from your schedule

*Credits: mento learn*

*Now this table referenced from Mento learn, a creative education platform says it all clearly. Plan your tasks based on their priority. Know the importance and urgency of the tasks that has to be finished and act according to it.*

## Say No

*Now this is an important way to avoid running out of time. At times you would have asked by your family members or friends to do a task for them . You would hesitate to say no even though you have other important tasks in hand because you think they might get offended. But here is the important thing. If you are asked by someone to do so , just think if can handle your things and finish them in time if their task is also added to your schedule. If you feel no say them no. If you have persons who don't understand the importance of your tasks , don't change your schedule , change your friends. A person who cannot help you you cannot be your friend.*

## Know The Deadlines

Every task has a deadline . As I said earlier, do the most important and urgent tasks first. Know your deadlines. Nothing would benefit you if you finish a task after the deadline, so be conscious of the deadlines and finish them in time.

## Be Imperfect

**“Something is better than nothing.”**

Sometimes you would have procrastinated things just because you can do that particular thing perfect in future. Now see, there is nothing called perfection. Just do the tasks when you have time based on their priority. It is always better to do something imperfectly instead of doing nothing. It is worse to procrastinate something , because you might never get time to do it.

## Enjoy

Also have time to sit back and relax. Have time to enjoy. Never feel like you are running out of time . Do the tasks to be done for work in work time. Don't use your leisure time to finish those. I am not saying you should never use your leisure time to do things but you need rest too. You cannot be productive unless you have proper rest . Now rest does not mean only sleep. It means being relaxed for sometime, doing things you like for some time. Do them without fail in your leisure time.

If you have proper scheduling and prioritizing , you will never run out of for finishing tasks and you will have leisure time to do the things you like . Always remember, it is better to do a task imperfectly instead of procrastinating it. Enjoy.

**D.Murali Prasath**  
**18897043**



# CREDITS

Dr.AP.Janani, AP/IT

Ms.K.Renuka Devi, AP/IT

Magazine team members:

IV year:

K.Gowtham Madhusuthanan (18bit067)

III year:

M.Mahasri(19bit100)

V.G.Susmitha(19bit004)

I year:

R.Sujith(20bit040)

credit

FLAMINGTEXT.COM

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