InfoQuest

-A Technical Magazine

Information Technology

Info Bee

Technical Association

Activities Conducted

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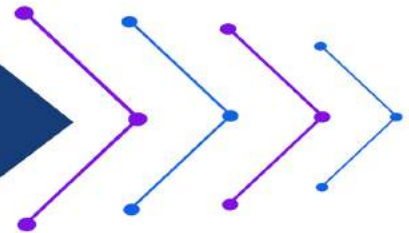Mr.N.Praveen Sundra kumar, AP/IT
Ms.A.G.Priya Varshini AP/IT
Tricky Tricks contest through MS Teams
13.10.2020

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
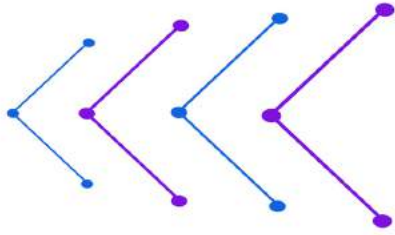21.11.2020

Mr.K.Balasamy, AP/IT
Mr.N.Praveen Sundra kumar, AP/IT
Ms.A.G.Priya Varshini AP/IT
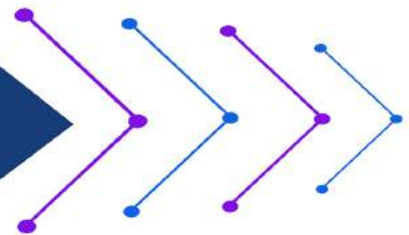First Year interaction with Parents & Students of 2020 Batch
20.11.2020

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)
Yuvaraaj 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

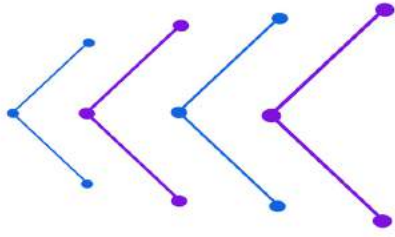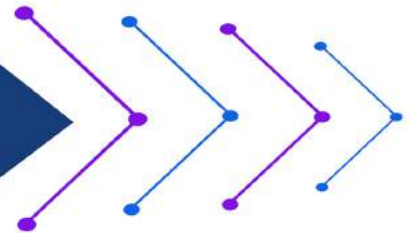Shafreen.M.I 19BIT302   Hack with CW- Code Warriors
19/12/2020

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" Conductedby
 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 algorithmIntelligent
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 Institutte 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 Mukt 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 datausing 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 forTexture 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
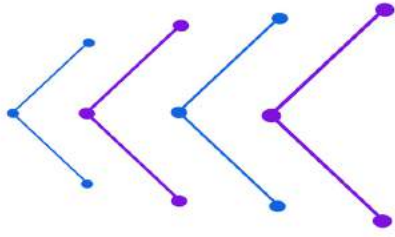
October 2020

Patent Published

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

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

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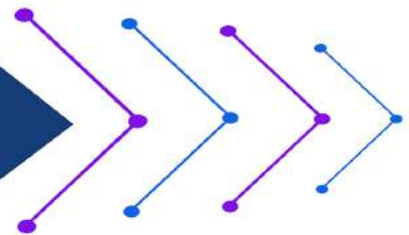Indian Patent Office

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)

PHTOGRAPHY,
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 deadline.

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 then no. If you have persons who don'tunderstand the importance of your tasks , don't change your schedule , change your friends. A person who cannot help you grow 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
18BIT043

Department of Information Technology

Vision of the Department

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

Mission of the Department

- 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 (PEOs)

B.Tech. Information Technology graduates will:

PEO 1. 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

PEO 2. Lifelong learning: Successfully adapt to changes in roles and responsibilities, through lifelong learning, for collaborating professionally with various stakeholders

PEO 3. Ethical Knowledge: Ethically apply their computing knowledge and skills considering societal, economic and environmental factors

Program Outcomes

Engineering Graduates will be able to:

PO1. **Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2. **Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3. **Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4. **Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5. **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.

PO6. **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.

PO7. **Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8. **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9. **Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10. **Communication**: Communicate effectively on complex engineering activities with

the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11. **Project management and finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12. **Life-long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

The graduates of Information Technology Programme will be able to:

PSO1. Open source software: Develop customized solutions for real world problems using open source software

PSO2. Data science: Manage, store, retrieve and analyze the voluminous data efficiently

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)

Department of IT

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Udumalai Road, Pollachi-642 003,

Coimbatore - District, Tamilnadu, India

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