

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:14

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*Student
Activity*

*Staff
Activity*

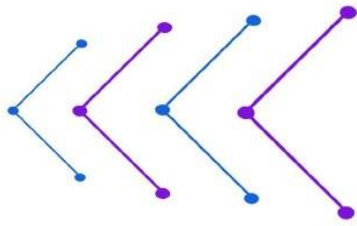
Info Bee

*Training
&
Placement*

*Drawing
&
Photography*

Articles

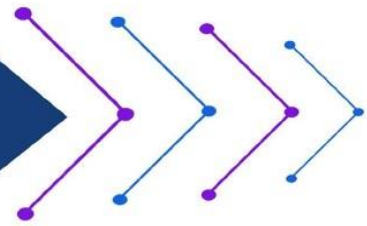




Info Bee



97 TECHNICAL
ASSOCIATION



ACTIVITIES CONDUCTED

Mr. Ramprasath J, AP

Mr. Praveen Sundra Kumar N, AP

Mr. Priya Varshini A G, AP

“Mini Project Expo” for II-year students conducted by Association team
30/10/2021

“Tease Your Brain” for II-year students conducted by Association team
23/10/2021

“Technical Riddles Event” for II-year students conducted by Association team
09/10/2021

“Resume Creation” for III-year students conducted by Association team
09/10/2021

Dr. Ramakrishnan S, Prof & Head

Dr. Muthanandha Murugavel A S, Asso. Prof.

Mr. Ramprasath J, AP

Mr. Praveen Sundra Kumar N, AP

Mr. Priya Varshini A G, AP

Industry Expert Interaction with III-year IT and CSE students 18/10/2021

Mr. Ramprasath J, AP

Mr. Praveen Sundra Kumar N, AP

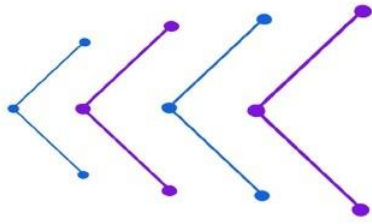
Mr. Priya Varshini A G, AP

“First Year Induction program” conducted by InfoBee - IT Technical
Association at Hall No.12 NPT Block 11/11/2021

Senior - Junior Interaction for II-year students conducted by Association team
11/12/2021

Web Application Project development for II-year students conducted by
Association team 11/12/2021

“Talk Show Event” for II-year students conducted by Association team
04/12/2021

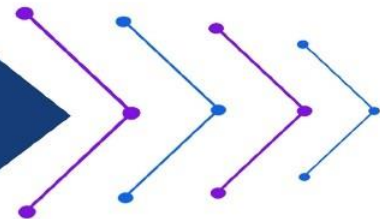


FACULTY

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*



EDUCATIONAL PROGRAMS / FACULTY DEVELOPMENT
PROGRAMMES / CONFERENCE / SEMINARS /
WORKSHOP / SHORT TERM TRAINING COURSES

Dr. Ramakrishnan S, Prof &Head

Dr. Muthanandha Murugavel A S, Asso. Prof.

Ms. Anandhi G, AP

Ms. Renugadevi K, AP

Workshop on “IoT is the new IT for enterprises “conducted by Mr. PVN Pavan Kumar, Sr. Director and Chief Expert with Ltd, Bangalore IIoT, SAP Lab India Pvt 27/10/2021 & 28/10/2021

Dr. Ramakrishnan S, Prof &Head

Dr. Arockia Christopher A B, AP(SG)/IT

CSIR Sponsored Two days Virtual International workshop on Privacy-Preserving Artificial Intelligence Techniques for Machine Learning (IWAIML-21) 26/11/2021 & 27/11/2021

Dr. Ramakrishnan S, Prof &Head

Mr Kanagasabapathi, AP

Hands-on Training in “Automation using raspberry PI” for OCC by Mr. T. Nallaperumal, Appville Softwares, Coimbatore 25/11/2021

PARTICIPATION IN SEMINAR / CONFERENCE / WORKSHOP / TRAINING ETC. BY MCET STAFF

Ms. Nivetha M

ATAL FDP on “Speech Audio and Image Processing using Deep Learning Techniques, Research Issues, Innovation and Applications” conducted by University College of Engineering, Ramanathapuram. 18/10/2021 to 22/10/2021

Ms. Pavithra P M, AP

ATAL FDP on Artificial Intelligence in Image processing by Indian Institute of Information Technology, Nagpur 20/12/2021 to 24/12/2021

ATAL FDP on Cyber Security and Blockchain by Globalacademy of Technology 13/12/2021 to 17/12/2021

Ms. S. Ponni@sathya, AP(SS)

ATAL FDP on Application of Cryptographic Tools for Data and Image Securities by Indian Institute of Information Technology Kalyani 06/12/2021 to 10/12/2021

BOOKS / MONOGRAPHS PUBLISHED

Dr. Ramakrishnan S, Prof. & Head

Artificial Intelligence and Machine Learning Techniques in Image Processing and Computer Vision, **Chapter name:** Artificial Bee Colony Optimization technique-based video copyright protection in DWT- PCA domain in the following book series Artificial Intelligence and Machine Learning Techniques in Image Processing and Computer Vision December 2021

PAPERS PRESENTED IN INTERNATIONAL CONFERENCE / SEMINAR / SYMPOSIUM / WORKSHOP

Renuka Devi K, AP

Anandhi G, AP

Saranya G, AP

A Systematic Review of Machine Learning Algorithms in Data Mining, CSIR
Sponsored- Two Days Virtual International Workshop on Privacy-Preserving
Artificial Intelligence Techniques for Machine Learning 26/11/2021

PAPER PUBLISHED IN INTERNATIONAL JOURNALS

Dr. Ramakrishnan S, Prof. & Head

Ms. S. Ponni@sathya, AP(SS)

Dr. Nithya S, AP(SS)

A Guide tour on security techniques for multimedia data Journal of Education:
Rabindrabharati University October 2021

Dr. Arockia Christopher A B, AP(SG)

Dr. Balakrishnan M, AP(SG)

Dr. Muthanandha Murugavel A S, Asso. Prof.

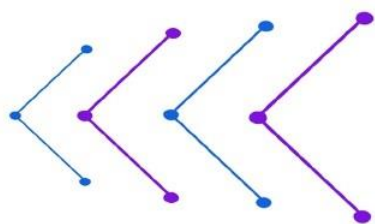
Mr. Ramprasath J, AP

Biological system Administrations for Compelling Utilize of Information
Driven Modelling, Journal of Education: Rabindrabharati University October
2021

Dr. Ramakrishnan S, Prof. & Head

Dr. Sathiyamurthi P, AP(SS)

Speech Encryption using hybrid-hyper chaotic system and binary masking
technique, Multimedia Tools and Applications December 2021

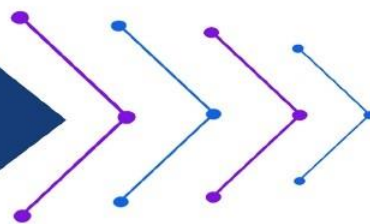


PLACEMENT

DETAILS



*Students Placement
Details*



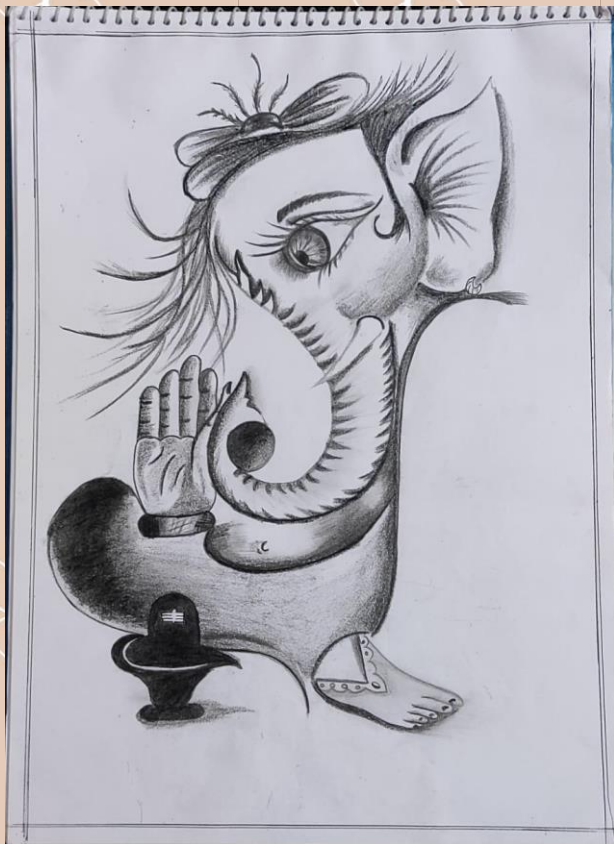
PLACEMENT DETAILS

1. Vuram Technology Solutions Pvt. Ltd.	- 2
2. VVDN Technologies Pvt. Ltd.	- 13
3. KAAR Technologies Pvt. Ltd.	- 1
4. Mphasis Corporate	- 13
5. FULL Creative's Pvt. Ltd.	- 1
6. Tringapps Research Labs Pvt. Ltd.	- 1
7. Gofrugal Technologies Pvt. Ltd.	- 7
8. TrakLabs	- 2
9. Coding Mart Pvt. Ltd.	- 1
10. Accenture Solutions Pvt. Ltd.	- 5
11. Capgemini Technology Services Pvt. Ltd.	- 5
12. GainInsights Solutions Pvt. Ltd.	- 2
13. Hexaware Technologies Pvt. Ltd.	- 1
14. Veryx Technologies Pvt. Ltd.	- 1
15. Audy Global Enterprises HVS Pvt. Ltd.	- 1
16. AARAA Pvt. Ltd.	- 1
17. Tectra Technologies India Pvt. Ltd.	- 1
18. Digianalytix	- 1
19. Checktronix India Pvt. Ltd.	- 1
20. Cognizant Technology Solutions Pvt. Ltd	- 22
21. Tata Consultancy Services Pvt. Ltd	- 9
22. One Bill Software	- 1
23. Wipro Ltd.	- 8
24. Phi Code	- 1
25. NTT Data	- 4
TOTAL	106

PHOTOGRAPHY,
DRAWINGS
&
ARTICLES



PENCIL DRAWING



20BIT069

RITHANYA PRIYA DHARSHINI V

IT- B (SECOND YEAR)

INFORMATION TECHNOLOGY



SASEENTHARAN P

20BIT024

IT- B (SECOND YEAR)

INFORMATION TECHNOLOGY

PHOTOGRAPHY



BARATHIDHASAN V

20BIT042

IT- B (SECOND YEAR)

INFORMATION TECHNOLOGY

ARTICLE

THE IMPORTANCE OF ENGLISH

Today English is the most important one. It is needed to communicate with others easily. So, the English is today's context. But ever since we have become free, some people protested against the retention of this beautiful language. This has pros and cons to it. Language is the light of mind. The language of the individual is one of the qualities by which he is judged. English is only language that gives us a good rapport with the rest of the world. It is a bond that strengthens our relation with countries across the globe.

English at present is a world language it is gateway to world culture English has enriched treasuries of art, philosophy, science and technology. How is it that many members come to India today? It is possible because they are able to communicate with all parts of the world. Those people speak English easier than we speak our own mother tongue. Most important thing is people doesn't find it easier to understand English language. Language is the city of buildings of which every human being buys a stone. Books of science or arts have always been written in English. If we want to keep Pace with the latest developments, we will have to know English.

English is very important in today's world. Because English is a world language. It is used to easily communicate with other persons. English is a very cute and stylish language. The amazing gift of God has become the only medium of communication now-a-days. But it is true that the usage of English in India has led to neglecting our mother tongue. It is equally true that English is a terror to those who don't know to read it or write. It is also true that English has chilled many students of their love for learning. Inspire of all these things, we must accept that English is no longer a symbol of foreign domination.

To conclude belittling English will get us nowhere. Not understanding it's importance will mean, depriving ourselves of a very rich treasure of thought and learning. This is the "Importance of English"

SUBASHREE K(19BIT081)
INFORMATION TECHNOLOGY

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

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M.Nivetha, AP/IT

Magazine team members:

IV year:

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M.Mahasri(19bit100)

V.G.Susmitha(19bit004)

I year:

R.Sujith(20bit040)

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