

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

Thindal, Erode -638012

DEPARTMENT OF INFORMATION TECHNOLOGY

(Accredited by NBA & NAAC with 'A' Grade)

DEPARTMENT NEWSLETTER- "VIRTUE"

Academic Year-2021 - 2022

Vision of the Institute

To provide a wide range of Academic and Research Programmes and strive to develop a Centre of Excellence for Learning

Mission of the Institute

M1: To impart essential knowledge to the students through quality education, training and research activities.

M2: To inculcate the students with Societal Awareness, Professional Ethics and Leadership Qualities.

M3: To mould the students as high quality Engineers, Technocrats, Scientists, Administrators and Entrepreneurs.

Vision of the Department

To provide technological excellence in learning in the field of Information Technology and promote academic and research activities.

Mission of the Department

M1: Attain technological excellence through quality education and well-designed curriculum adaptable to technological needs.

M2: Facilitate value added courses and interdisciplinary training to provide highly competent IT professionals and entrepreneurs.

M3: Produce socially aware and ethically responsible engineers through human value education.

M4: Impart collaborative research through academic projects and industry institute interactions.

MESSAGE FROM HOD

'In the long run, we only hit what we aim at'

- Henry David Thoreau

The Department of IT seeks to combine excellence in education with service to the industry. Our vision is to be recognized as innovation and leading Information Technology Department.



In our department students are nurtured to become best software professionals as Project Managers, System Analysts or Team Leaders in the industry or become Entrepreneurs in their own innovative way. We are having hard-working students, a young and dynamic faculty, whose expertise spans the range of disciplines in computer science stream and a very healthy work culture, are the basic elements that comprise the Department of Information Technology, the hub of the Institute's academia. With our distinct student centered teaching-learning methodology, our students will be able to face challenges of life with our holistic approach in teaching and learning encouraging students to indulge in extracurricular activities to shape them as leaders of tomorrow. We hold firm belief in our ability to succeed, and we nurture an attitude of self-reliance, confidence, commitment and responsibility to the motherland that we are to serve.

PEO's of the Department:

The Program Educational Objectives of the Information Technology Program is listed below:

PEO 1 – **Preparation:** Excel in post graduate studies and career.

PEO 2 - **Core Competence:** Solve problems using the engineering fundamentals.

PEO 3 - **Professional Environment** : Have engineering breadth to achieve solutions for the needs of society.

PEO 4 – **Multidisciplinary:** Develop professional and ethical values, effective communication, team work and managerial skills for societal and environmental contexts.

PEO 5 - **Learning Environment:** Attain professional competence through lifelong learning.

PROGRAMME OUTCOMES:

Engineering Graduates will be able to:

- **PO 1 - Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **PO 2 - 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.
- **PO 3 - 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.
- **PO 4 - 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.
- **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:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **PO 8 - 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.
- **PO 10 - 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.
- **PO 11 - 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.
- **PO 12 - 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.

PROGRAMME SPECIFIC OUTCOME:

- **PSO 1** - Apply technical concepts and practices in information technology and effectively integrate IT-based solutions into the user environment.
- **PSO 2** - Practice as an ethical software engineer in the evolving discipline of Information Technology by employing management skills learnt through internships and multidisciplinary projects.

PROGRAMS ORGANISED BY THE DEPARTMENT

ASSOCIATION ACTIVITIES- INFOAUXANO

- A Webinar on 'How to prepare business plan for fundraising' was conducted on 08.05.2021 for the benefit of Second, Third and Final year students.



- Association Valedictory function with Guest Lecture on 'Software Quality Assurance' was conducted on 05.06.2021 for the benefit of second Third and

- Association Inaugural function with a Guest Lecture on 'Career Growth And I t's Opportunities' was conducted on 14.08.2021 for the benefits of second, third and final year students.



- A Seminar on 'Fullstack Development Mean Stack' was conducted on 08.09.2021 for the benefit of second year students.

- A Hands-On Training on 'Mean Stack Web Development' was conducted on 16.09.2021 for the benefit of second year students.



- A Seminar on 'Next Generation Technologies in the IT World' was conducted on 25.09.2021 for the benefit of second year students.

- A Workshop on 'Basic graphic designing from scratch using canva' was conducted on 13.10.2021 for the benefit of second, Third and Final year students.



PLACEMENT ACTIVITIES

- Abirami A, Vijay Gopinath R, Thilak S D of Final year have got placed in Empyra on 20.05.2021.
- S. Gokul Prasath of Third year has got placed in Vuram Technologies on 09.06.2021.
- M. Dharshini, R. Gopinath, L. Lakshmi, S. Logalakshmi, N. Manosri, S. Pranesh, P. Ragul, S. R. Suryaa, S. Thanigai Singaravelan of final year has got placed in Wipro Elite.
- R. Gopinath, C. P. Nithish Kumar of final year has got placed in Hexaware.
- M. Amrith, S. Devipriya P Soundararajan, T. Kautham, N. Kiruthika, L. Lakshmi, S. Logalakshmi, N. Manosri, G. Mathumitha, H. Renuka, S. Sathiyamoorthi, R. Sneha, R. Suganya, D. Surabi, S. Thanigai Singaravelan R. Vidhyakaran of Final year has got placed in TCS NQT.
- M. Amrith, S. Atchaya, L. Dheebiga, S. Harshini, B. Keerthana, M. Monisha, S. Parthiban, S. Priyadharshini, K. Puvarshini Nanthithaa, R. Sneha, S. Sneha, R. Suganya, D. Surabi of final year has got placed in DXC Technologies.
- Arunbalaji T, Dharrshini P, Jeevitha S, Krishnamoorthy S, Ranganathan K, Sabeela J P of final year has got placed in Excelacom, Cognizant Technology Solutions.
- Arun P R, Bhalaganesh K M, Janaranjan E, Naveen S of final year has got placed in TechMahendira.
- Bhalaganesh K M, Kamalesh K, Mahesh V, Vikashini B of Final year has got placed in Kanini.
- Jeevitha S of final year has got placed in Orion.
- Mohamed Ilyas S, Monika M, Prasath D of Final year has got placed in Aspire Systems.
- Velavan B of final year has got placed in Aalam Info Solutions.

STUDENT ACTIVITIES

Courses attended:

- 32 students attended and completed CPP test organized at Velalar College of Engineering and Technology with course material provided by the spoken tutorial project, IIT Bombay 22.04.2021
- 8 students attended a training program 'Python 3.4.3 Training' organized at Velalar College of Engineering and Technology on 28.04.2021
- 62 students completed the course 'Python Block chain' conducted by European Open University on 04.06.2021
- S. Rizwana, S. Gokul Prasath completed the course 'Python Blockchain' conducted by Pantech E Learning from 26.07.2021 to 01.08.2021.
- Kautham T completed the course 'Data Structure and Algorithm' conducted by Upgrad from 01.05.2021 to 02.08.2021.
- J. P. Sabeela completed the course 'SSC NASSCOM Artificial Intelligence Foundation' conducted by NASSCOM Future Skills on 29.07.2021.
- S. Dheekthana completed the course 'Blockchain Using Python' conducted by Pantech E Learning from 25.07.2021 to 01.08.2021.
- 4 students completed the course 'Introduction to IOT' conducted by 'NASSCOM Future skills on 24.07.2021.
- H. Renuka completed the course 'Artificial Intelligence Foundation' conducted by NASSCOM Future Skills on 29.07.2021.
- 4 students completed the course 'Blockchain using Python' conducted by Pantech E Learning from 26.07.2021 to 01.08.2021.

Workshops attended:

- 7 students attended the workshop 'Master class on FGPA' conducted by Pantech prolabs India pvt Ltd on 9.04.2021 to 12.04.2021
- S. Rizwana attended the workshop 'Image Processing using Matlab workshops' conducted by Pantech prolabs India pvt Ltd on 12.04.2021 to 16.04.2021
- S. Rizwana attended the workshop 'Master class on Power Electronics using Matlab' conducted by Pantech prolabs India pvt Ltd on 12.04.2021 to 16.04.2021
- V. Samyadevi attended the workshop 'Data Science' conducted by Ethiraj College for women on 20.04.2021
- M. Saranya attended the workshop 'Master class on Deep Learning' conducted by Microsoft AI Classroom series on 26.04.2021 to 30.04.2021
- 3 students attended the workshop 'Artificial Intelligence' conducted by Pantech E-Learning on 30.04.2021 to 01.05.2021.
- 2 students attended the workshop 'Fundamental of Arduino and its application' conducted by Microsoft on 21.05.2021
- 2 students attended the workshop 'Machine Learning' conducted by Guntur Engineering College on 21.05.2021
- 33 students attended the workshop 'Cyber Security' conducted by Pantech E-Learning on 24.05.2021.
- S. Priyadharshini attended the workshop 'IOT using Azure Computing' conducted by Vaagdevi Engineering College on 27.05.2021
- S. Gokul Prasath attended the workshop 'Electronic Circuits and PCB Design' conducted by Pantech E Learning from 12.07.2021 to 16.07.2021.
- T. J. Vaishali attended the workshop 'Learn to Code-Java Programing' conducted by Pantech E Learning on 19.07.2021 to 23.07.2021.
- G. Kavishna attended the workshop 'Arduino Programing' conducted by Pantech E Learning on 26.07.2021 to 30.07.2021.
- S. Rizwana attended the workshop 'IOT and Emberded System' conducted by SRM Institute from 11.08.2021 to 13.08.2021.
- S. Kiruthiga attended the workshop 'Flash Framework' and 'Autonomous Vechiles using Lidar' conducted by Pantech E Learning from 25.09.2021 to 26.09.2021.
- M. Amrish attended the workshop 'Microsoft AI classroom' conducted by Microsoft on 03.09.2021.
- 11 students attended the workshop 'Basics of Graphic Designing from Scratch Using Canva' conducted by Velalar College of Engineering and Technology on 13.10.2021.

Webinar:

- 4 students attended a Quiz conducted by Microsoft on 21.04.2021.
- 1 student attended an online webinar on 'Career Opportunities in SAP' conducted by Sona College of Technology on 08.05.2021
- 2 student attended an online webinar on 'Unfold the future and make the entry into the software industry' conducted by Velalar College of Engineering and Technology on 23.05.2021
- 2 students attended an online webinar on 'Green Wireless Communication' conducted by Kumaraguru College of Technology on 01.06.2021
- 3 students attended an online webinar on 'MySQL with Python' conducted by P.B Siddhartha College Of Arts And Science on 09.06.2021

- 1 student attended an online webinar on ‘Wireless charging for Electric Vehicle Application’ conducted by Pantech E-Learning on 03.06.2021
- 3 students attended an online webinar on ‘FPGA system’ conducted by Saveetha Engineering College on 10.06.2021
- 3 students attended an online webinar on ‘Web Design and Development and Foundation’ conducted by Digisnare Technologies on 12.06.2021
- 2 students attended an online webinar on ‘Wireless Sensor Networks’ conducted by SNM Institute of Management and Technology on 14.06.2021
- 2 students attended an online webinar on ‘R-Programming’ conducted by Sai Vidya Institute of Technology on 18.06.2021
- 2 students attended an online webinar on ‘Machine Learning’ conducted by SNS College of Engineering on 22.06.2021
- 2 students attended an online webinar on ‘Wireless Charger’ conducted by Sri Indhu College of Engineering and Technology on 23.06.2021
- 4 students attended an online webinar on ‘5G-IoT’ conducted by SNM Eshwar College of Engineering on 24.06.2021
- 1 student attended an online webinar on ‘Emotional Intelligence’ conducted by Sona College of Technology on 26.06.2021
- G. K. Madanika attended an online webinar on ‘wireless power transfer technology in EV applications’ conducted by Pantech E Learning on 02.07.2021.
- S. Deepak attended an online webinar on ‘Full Stack Web Development Program DEMO session’ conducted by Edureka on 16.08.2021.
- S. Supreeta attended an online webinar on ‘P2B#151 Google colab Machine Learning App’ conducted by Perfect Plan B E Learning Private Limited on 18.08.2021.
- 5 students of second and Third year attended an online webinar series on ‘Internet of Things MasterClass’ conducted by Pantech E Learning from 19.09.2021 to 18.10.2021.
- 19 students of second and third year attended an online webinar on ‘Skills for Everyday Success’ conducted by Enlightenment Foundation on 23.10.2021.

Paper Presented:

- K. Renuka and J. Sabeela of third year presented a paper on ‘Vivasayi Nanban (Agriculture website)’ conducted by Computer Society of India on 14.05.2021.
- Devadharshini T and Madumitha S of second year presented a paper on ‘Sentimental Analysis’ conducted by Dr.N.G.P. Institute of Technology on 08.10.2021 and 09.10.2021
- Madumitha S of second year presented a paper on ‘Sentimental Analysis’ conducted by Care College of Technology on 20.10.2021
- Ranjani T of third year presented a paper on ‘Artificial Intelligence’ conducted by Care College of Technology on 20.10.2021
- Mullaiventhan N of third year presented a paper on ‘Cloud Computing Security’ conducted by Sri Ram Engineering College on 20.10.2021

Training:

- 5 students of second and Third year attended an online webinar series on 'Internet of Things MasterClass' conducted by Pantech E Learning from 19.09.2021 to 18.10.2021.
- 19 students of second and third year attended an online webinar on 'Skills for Everyday Success' conducted by Enlightenment Foundation on 23.10.2021.

Faculty Activities:

- Ms. R. Menaka attended an online Workshop on 'Hardware security primitives' conducted by Aarupadai Veedu Institute of Tech from 20.05.2021 to 21.05.2021
- Ms. D. Suganya attended an online Workshop on 'Cyber Security' conducted by Aarupadai Veedu Institute of Tech on 24.05.2021
- Ms. D. Suganya attended an online Workshop on 'Chatbot Design(Do-A-Thon)' conducted by Pantech Prolabs India Pvt Ltd from 26.05.2021 to 28.05.2021
- Ms. P. Prema attended an online Workshop on 'Data Analytics with Python' conducted by The Code Scholar-Virtual Boot Camp on 21.06.2021

Webinar:

- Ms. R. Menaka attended an online Webinar on 'Entrepreneurship development phases' conducted by Velalar College of Engineering and Technology from 01.05.2021
- Ms. R. Menaka attended an online Webinar on 'Master class on a Deep Learning' conducted by Pantech Prolabs India Pvt Ltd from 24.05.2021 to 28.05.2021
- Ms. T. Kokilavani attended an online Webinar on 'Artificial Intelligent Techniques in Smart Grid' conducted by Dr. Mahalingam College of Engineering and Technology on 25.05.2021
- Ms. D. Suganya attended an online Webinar on 'Hadoop Architecture' conducted by Thiruthangal Nadar College on 04.06.2021
- Ms. D. Suganya attended an online Webinar on 'Controlled Partial Image Encryption Based on LSIC and Chaotic map' conducted by Yelagiri Hills ACM Professional Chapter on 05.06.2021
- Ms. T. Kokilavani attended an online Webinar on 'Autonomous Vehicles: Past and Present' conducted by PSG Institute of Technology and Applied Research on 05.06.2021
- Ms. D. Suganya attended an online Webinar on 'Cyber Security' conducted by Guru Nanak Dev Engineering College Bidar with Pantech E Learning on 07.06.2021
- Ms. D. Suganya attended an online Webinar on 'Augmented Reality & Virtual Reality' conducted by NITTE Meenakshi Institute of Technology with Pantech E Learning on 07.06.2021
- Ms. D. Suganya attended an online Webinar on 'MYSQL with Python' conducted by P.B.Siddhartha College of Arts & Science with Pantech E Learning on 09.06.2021
- Ms. R. Menaka attended a Seminar on 'AI, ML, and Data Science: Career opportunities' conducted by CSE, Government Engineering College, Rajkot on 25.09.2021.
- Mr. K. Gopalakrishnan attended a Webinar on 'Data Science for Cyber Security, Recommendation System and Healthcare' conducted by Maharishi Markandeshwar Engineering College on 11.09.2021.

Conferences:

- Ms. P. Prema presented a paper 'Determination of Information Dissemination in Social Media using Dynamic Blockchain Algorithms' in an International conference 'Advanced Science and Engineering Research (ASER-2021)', conducted by Al-Ameen Engineering College on 16.04.2021
- Ms. T. Nithya presented a paper 'Location Based Garbage Management System for Smart City' in International e-conference on Advanced Innovation in Techniques on 02.05.2021

Faculty Development Program

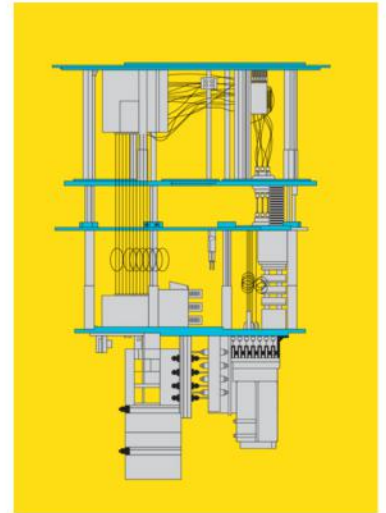
- Ms. R. Menaka attended an online Faculty Development Programme on 'Cyber Security' conducted by E&ICT Academy, IIT Kanpur from 12.04.2021 to 17.04.2021
- Mr. A. Logeswaran, Ms. P. Prema attended an online Faculty Development Programme on 'Challenges and Opportunities of Data Science in Smart Health Care: Turning Data into Clinical Intelligence' conducted by K.S.Rangasamy College of Technology from 16.04.2021 to 29.04.2021
- Ms. P. Prema attended an online Faculty Development Programme on 'Research Tools and Technologies' conducted by Don Bosco College (Co-Ed), Yelagiri Hills on 12.05.2021
- Ms. V. Gomathi, Ms. D. Suganya attended an online Faculty Development Programme on 'Cloud Computing' conducted by Loyola-ICAM College of Engineering and Technology from 24.05.2021 to 29.05.2021
- Ms. R. Mynavathi attended an online Faculty Development Programme on 'Technological Leadership for Inclusive Digital Society' conducted by Sikkim Manipal Institute of Technology from 01.06.2021 to 06.06.2021
- Ms. R. Menaka attended an online Faculty Development Programme on 'ML/DL using Colab and Knime' conducted by CMR Engineering College from 01.06.2021 to 05.06.2021
- Ms. V. Gomathi, Ms. D. Suganya attended an online Faculty Development Programme on 'Blockchain' conducted by LNM Institute of Information Technology from 14.06.2021 to 18.06.2021
- Ms. P. Prema attended an online Faculty Development Programme on 'Data Science for Healthcare' conducted by Vivekanandha College of Engineering for women from 21.06.2021 to 26.06.2021
- Ms. M. Shanthamani, Ms. V. Gomathi, Ms. P. Prema, Ms. D. Suganya, Ms. T. Kokilavani, Ms. T. Saranya attended an online ATAL Faculty Development Program on 'AI Enabled IoT Networks' conducted by Adi Shankara Institute of Engineering and Technology from 13.09.2021 to 19.09.2021.
- Mr. C. Saravanan attended a Faculty Development Program on 'PALS VLAB Faculty Development Program' conducted by PALS – VLAB from 06.09.2021 to 08.09.2021.
- Ms. T. Saranya attended a Faculty Development Program on 'Block Chain Technology' conducted by Government College of Engineering, Dharmapuri from 23.08.2021 to 27.08.2021.
- Ms. T. Saranya attended a Faculty Development Program on 'Framework for Assessment' conducted by Dr. N.G.P. INSTITUTE OF TECHNOLOGY on 11.09.2021.

Training Program:

- Ms. R. Menaka attended a Training Program on 'Master Class on Data Analytics' conducted by Pantech Prolabs India Pvt Limited from 12.07.2021 to 20.08.2021.
- Ms. R. Menaka attended a Training Program on 'Block chain using Python' conducted by Pantech E-Learning from 26.07.2021 to 01.08.2021.
- Mr. K. Gopalakrishnan attended a training Program on 'Introduction to Data Science' conducted by Cognitive Class- IBM on 13.09.2021.

Quantum Computing:

Quantum computing is an area of study focused on the development of computer based technologies centered around the principles of quantum theory. Quantum theory explains the nature and behavior of energy and matter on the quantum (atomic and subatomic) level. Quantum computing uses a combination of bits to perform specific computational tasks. All at a much higher efficiency than their classical counterparts. Development of quantum computers mark a leap forward in computing capability, with massive performance gains for specific use cases. For example quantum computing excels at like simulations.



Quantum theory's development began in 1900 with a presentation by Max Planck. The presentation was to the German Physical Society, in which Planck introduced the idea that energy and matter exists in individual units. Further developments by a number of scientists over the following thirty years led to the modern understanding of quantum theory

- Abinesh IT-A(3rd Yr)

RIDDLES FOR SCHOLASTICS:

1)

I HAVE NO DOORS BUT
I HAVE KEYS,
I HAVE NO ROOMS BUT I DO HAVE
A SPACE,
YOU CAN ENTER BUT
YOU CAN NEVER LEAVE,
WHAT AM I?

2)

*The more you code, the
more of me there is. I may
be gone for now but you
can't get rid of me
forever. What am I?*

3)

**WHAT IS AN ALIENS
FAVORITE PLACE ON A
COMPUTER?**

ANSWERS:

3) **SPACEBAR**

2) **BUG**

1) **KEYBOARD**

DATA SCIENCE:

Data science was the next big thing throughout much of the first decade of the twenty-first century. Data science has existed for far longer than the last two decades. Data analysis has been a necessary duty for businesses, governments, institutions, and departments for millennia. Data analysis is useful for determining the effectiveness of operations, conducting employee surveys, and gauging people's general mood.



Data analysis is one of the earliest tasks for which computers are used. Data analysis was so popular in the early 2000s that students were taught introductory classes on the subject in school.

The advantage of a career in data science is that you are an integral component of the company's overall operation, regardless of the domain in which it operates. Any organisation you serve is likely to rely on the data you generate and the interpretations you provide as part of their business strategy.

Data science is commonly utilised in retail and e-commerce to determine the success of campaigns and the general trend of product growth. This, in turn, aids in the development of marketing strategies for specific items or types of products. In health care, data informatics can help clinicians choose the safest and most effective treatments for patients by recommending low-cost options and packages.

- Hari Sudhan.S IT-A(3rd yr)

FULL STACK DEVELOPMENT:

Full-stack development involves the creation of both client-side and server-side software, and it is expected to be one of the most popular technologies in 2021.

The internet, a relatively new technology, was growing around the globe as the twenty-first century began with the dot-com boom. Websites were only simple web pages back then, and web development wasn't the complicated industry it is now.

Web development nowadays includes both a front end and a back end. Websites have a client-side—the website that you see—and a server-side—the website that the corporation controls—especially in industries related to services like retail and e-commerce.

Web developers are often assigned to either the client-side or the server-side of a website. Being a full stack developer, on the other hand, allows you and your firm to operate on both ends of the web development spectrum. Client-side or front-end development typically necessitates familiarity with HTML, CSS, and Bootstrap. PHP, ASP, and C++ are all required on the server side.

- Harini IT-A(3rd Yr)

ARTIFICIAL INTELLIGENCE:

Artificial Intelligence refers to the intelligence of machines. This is in contrast to the natural intelligence of humans and animals. With Artificial Intelligence, machines perform functions such as learning, planning, reasoning and problem-solving. Most noteworthy, Artificial Intelligence is the simulation of human intelligence by machines. It is probably the fastest-growing development in the World of technology and innovation. Furthermore, many experts believe AI could solve major challenges and crisis situations.



To sum it up, Artificial Intelligence looks all set to be the future of the World. Experts believe AI would certainly become a part and parcel of human life soon. AI would completely change the way we view our World. With Artificial Intelligence, the future seems intriguing and exciting.

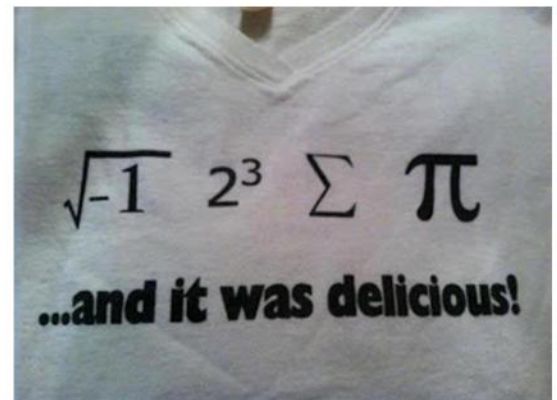
- Sanjay.S IT-A(3rd Yr)

RIDDLES

1)



2)



3)

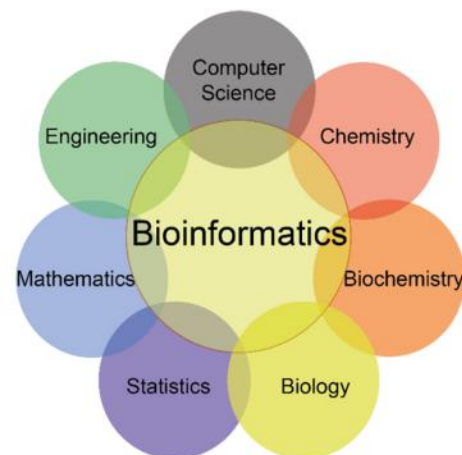
$$\begin{array}{l} 2 + 10 = 24 \\ 3 + 6 = 27 \\ 7 + 2 = 63 \\ 5 + 3 = ?? \end{array}$$

ANSWERS:

1) Lunch And Dinner
2) I ate some pie
3) 40

BioInformatics:

Bioinformatics is generally defined as the application of computer science, mathematics and statistics to the development of algorithms and statistical models involved in the management and analysis of biological data. Although bioinformatics appears to be a new field of research, it has been around since the 1960s. The first person to see the potential of using computers in the fields of biology and medicine was the remarkable scientist Margaret Dayhoff. Dayhoff applied computational methods during her PhD thesis in electrochemistry to calculate molecular energies of organic molecules. During her career, she made several contributions to the bioinformatics field, being the most remarkable her publication of the first catalog of proteins the Atlas of Protein Sequence and Structure. Since then, she has been known as the pioneer of Bioinformatics.



It is thus an exciting time for bioinformaticians, as they have a key role to play in research. With a wealth of new data, there is much work to be done in many areas of biological research and therefore much to be discovered.

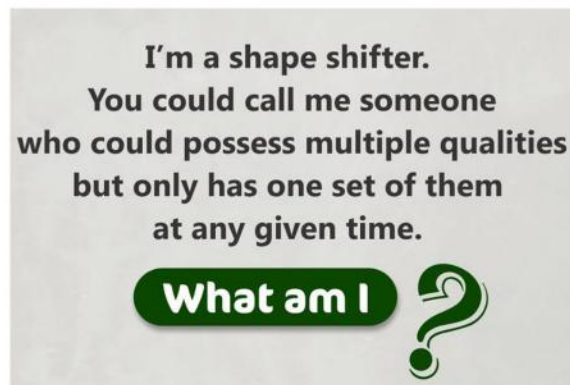
- Esai Anand.S IT-A(3rd Yr)

STAKES FOR NERDS

1)



2)



ANSWERS:

1) BETA RELEASE
2) POLYMORPHISM

NEWSLETTER EDITORIAL BOARD

FACULTY IN-CHARGE : P.PREMA (AP/IT)

STUDENT IN-CHARGE : S.MAIYARASU (II-IT-A)
J.AHILESH (III-IT-A)