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MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Pondicherry University
Accredited by NBA & NAAC 'A' Grade
Kalitheerthalkuppam, Puducherry - 605107

BINARY

THE ANNUAL MAGAZINE APRIL-2022

VOLUME:12

DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

INSTITUTE VISION MISSION

Vision

To accomplish excellence in the field of technical education and scientific research on regional, National and International levels through committing to total quality for its faculty, providing excellent infrastructure, research facilities and conducive atmosphere that would motivate the students in the pursuit of knowledge in Engineering and Technology.

Mission

Mission

IM1: To provide in depth knowledge in fundamentals to students to improve their learning and analytical skills.

IM2: To provide our students with the most progressive, relevant and well-rounded academic programs, supporting their learning through advanced and extensive resource

IM3: To promote interaction with industries and other institutes of higher learning to equip our students to face the challenges on real time problems.

IM4: To develop the overall personality of the students to mould them into a good citizen with integrity and morality.

DEPARTMENT VISION & MISSION

VISION :

To impart knowledge with latest technological advancement in the field of Computer Science and Engineering and transform the learners into global contributors as Innovators, Entrepreneurs and Researchers.

MISSION :

Department of Computer Science and Engineering is committed

Higher Order Thinking: To impart strong fundamental concepts, analytical and problem solving ability to hone their professional skills.

Continuous Learning: To create an excellent conducive atmosphere for student learning and continuous updation of their knowledge on technology.

Entrepreneurship: To imbibe the spirit of leadership skills to be an active entrepreneur in society with moral values.

Competency: To enhance the creativity in research and to develop the competency of the students inT Technological field

Programme Outcomes (PO)

PO1: Engineering knowledge: Apply knowledge of mathematics and science, with fundamentals of Engineering and Technology to be able to solve complex engineering problems related to Computer Science and Engineering.

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

PO3: Design/development of solutions: Design solutions for complex engineering problems related to CSE 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 computer science related 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 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 able to comprehend and with 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 management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multi-disciplinary 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.

Programme Specific Outcomes (PSO)

PSO1: Foundation of mathematical concepts: Ability to apply the fundamental principles of mathematics in the field of computer science and engineering to provide optimal solutions.

PSO2: Foundation of Software and Business technology: To design, test and evaluate software in order to meet the requirements of end users and provide cutting-edge technologies for devising cost-effective solutions.

PROGRAM EDUCATIONAL OBJECTIVES

PEO1 Professional Excellence: Graduates will excel in the computing industry by exhibiting exemplary technical knowledge, analytical thinking, and imaginative problem-solving skills in emerging technologies.

PEO2 Sustainable Technology: Graduates will develop and deploy innovative solutions that address environmental sustainability, community challenges, and industrial demands.

PEO3 Entrepreneurship: Graduates will develop and demonstrate entrepreneurial skills to create successful technology ventures and lead organizational transformation.

PEO4 Ethical Leadership: Graduates will demonstrate ethical leadership in computing environments, promoting mentorship, collaboration, and knowledge sharing.

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Pencil Art

Art By
S. Gokul
IV-A Sec

Digital Art

Art By
S. Gokul
IV-A Sec

Game Development

Game Developer

N. Kishore

II CSE B

3D Model Development

3D Developer
Katepallai Praveen
II-CSE B

Threebies Puzzle

THREEBIES

Below are clues leading to 15 words, phrases, or names, all of which contain the letter trio T-O-N. We've indicated where these letters are, and replaced the other letters with blanks. With the help of the clues, can you figure out all 15 answers?

1. Continental Army commander — _ _ _ _ _ _ _ T O N
2. "Hot" and "cold," e.g. — _ _ T O N _ _ _
3. Prom king's lapel adornment — _ _ _ T O N _ _ _ _ _
4. Nincompoop — _ _ _ _ _ _ T O N
5. Not romantic, as a relationship — _ _ _ T O N _ _
6. Bowl over — _ _ T O N _ _ _
7. Language — T O N _ _ _
8. Yom Kippur activity — _ T O N _ _ _ _ _
9. Mountaineer's spike — _ _ T O N
10. Home of the Rockets — _ _ _ _ T O N
11. Greedy — _ _ _ _ T O N _ _ _
12. Nuclear-reactor fuel — _ _ _ T O N _ _ _
13. Pelican State capital: 2 wds. — _ _ T O N _ _ _ _ _
14. Trigger — _ _ T O N _ _ _
15. Salisbury Plain attraction — _ T O N _ _ _ _ _ _

Refer
Answers In Last Page

Threebies Puzzle

Answer:

THREEBIES

1. Washington
2. Antonyms
3. Boutonniere
4. Simpleton
5. Platonic
6. Astonish
7. Tongue
8. Atonement
9. Piton
10. Houston
11. Gluttonous
12. Plutonium
13. Baton Rouge
14. Detonate
15. Stonehenge

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