



# NEWSLETTER 2021-22 TERM-II ISSUE II

# TECH NEWS

Official Newsletter of the department of MCA  
( P.E.S. Modern college of Engineering , pune)

## About Us...

**From the Editor's desk :** It gives me an immense pleasure to present our biannual e-newsletter "TechNews" for the current semester. I would like to thank our HOD and my colleague's for their support in making of this issue. We have worked hard to bring up an exhilarating flashback of the events, achievements during the session 2018 19 Term I. I hope you find it interesting.

- Miss. Mugdha Dharmadhikari

**About The Department :** The department of Master of Computer Application (MCA) has been started in the academic year 2003- 04 and is permanently affiliated to Savitribai Phule Pune University and recognized by AICTE and DTE. The mission of the department is to contribute to the growth of technical education and to lead to its enrichment and advancement.

**Department Vision:** To develop Competent Technocrats in the field of Computer applications imbued with human values.

**Department Mission :** 1. To impart knowledge in the field of Computer applications with a focus on developing the required competencies.

2. To improve technical skill of the students through practical and hands-on experience.

3. To make students socially responsible citizens.

4. To enhance the quality of the students by collaboration with Alumni and Industry.

**From the Principal's desk :** The aim of the institute is to develop not just top quality engineers but also well-developed persons. Our motto therefore is "the joy of excellence in a world of high technology" As professionals you are required to gain knowledge and use it effectively even when you are exposed to pressure. You can surely face the challenges in the world with great courage if you can manage your valuable time and set your priorities, by having healthy competition and team spirit. Working in a team, effectively yields best results, even under tight deadlines. My congratulation to MCA Department for their consistent efforts in making newsletter and I wish that they will continue to do this in the years to come.

-Dr. Mrs. K. R. Joshi

**From the HOD's desk:** It's a great pride to present our Master of Computer Application Department's e- Newsletter "TechNews", our very own newsletter which includes different activities articles and achievements of the MCA students. My congratulations to the team who took the responsibility for carrying out this task effectively

- Mrs. Pradnya A .Muley

## Programme Educational Objectives :

1. Graduates will possess the broad knowledge of computer applications for successful careers in industry.
2. Graduates will exhibit professionalism, ethical attitude, communication skills, team work in their profession and adapt to current trends by engaging in lifelong learning.
3. Graduates will contribute as responsible citizens with a commitment to the sustainable development of society.

## Program Outcomes (PO's):

# PROGRAM EDUCATION OBJECTIVES & PROGRAM OUTCOMES

After completing MCA degree student will be able to:

1. Apply knowledge of mathematics, computer science appropriate for real world applications.
2. Identify, formulate, analyze and solve complex computing problems using relevant domain disciplines.
3. Design and evaluate solutions for complex computing problems that meet specified needs for real world applications.
4. Apply programming logic including design of algorithm, programs, analysis and interpretation of data to provide valid solutions.
5. Apply appropriate techniques and modern computing tools for development of real world applications.
6. Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practices.
7. Understand the need and develop the capacity to persistent learning for continual development as a computer professional.
8. Participate as a member and leader in a team and stand out in multidisciplinary environments to demonstrate computing and management skills.
9. Communicate effectively to comprehend and present effective technical Documentation.
10. Apply the computing knowledge efficiently & effectively with concern for societal, environmental, and cultural aspects relevant to professional computing practices.
11. To contribute effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.
12. To identify a timely opportunity and innovation with entire effort to function as a successful entrepreneur.

# THE IOT TECHNOLOGY

## What is IOT all about?

Internet of things is driving many of today's most significant technology developments. Modern organizations use IoT applications and sensors for everything, including optimizing manufacturing and supply chain practices to aiding the development of municipalities through use in smart cities.

**IoT Agenda :** experienced editors and IoT subject matter experts provide the leading source of IoT news, insights and articles covering all aspects of the IoT ecosystem within all sectors. IoT Agenda is frequently cited by other blogs as the IoT resource.

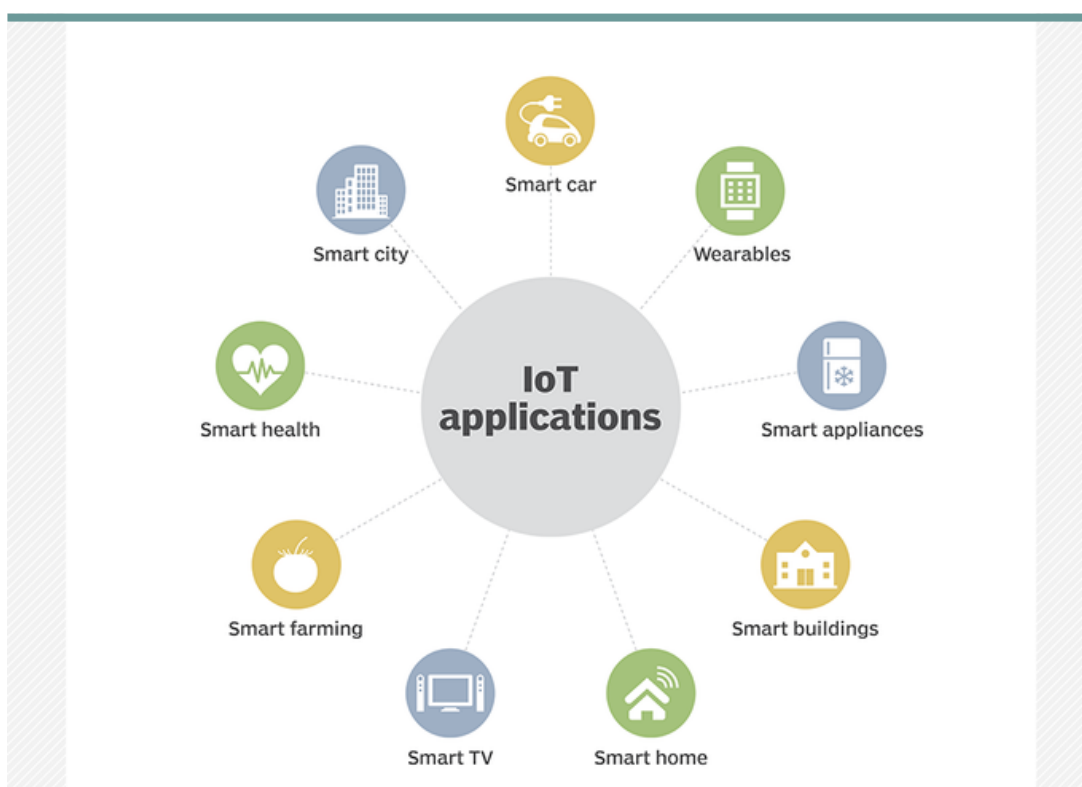
**IoT World Today:** Provides news, articles, guides and other IoT-related content across all niches. Areas of focus in IoT World Today include industrial IoT, smart cities, connected health, AI, transportation and logistics, energy, homes, and engineering and development. DZone. This IoT blog offers numerous resources for readers at all knowledge levels. DZone is known for its in-depth reference guides on specific topics.

**IoT Central:** A blog that features content written by real-world IoT professionals discussing IoT solutions and case studies. Network World. Network World's IoT blog reports news and developments related to the internet of things, as well as expert commentary on industry trends and IoT security.

**IoT For All:** Hosts a variety of IoT-related content on the future of IoT and shares news on IoT-related webinars and events.

*Both newcomers and seasoned experts can benefit from keeping up with the newest developments in the IoT market.*

## Applications of IOT :



# Activity Execution Report 2021-22

## Term II

*Title of the Activity: Savitribai Phule Birth Anniversary Celebration*

*Date: 3 rd Jan 2022*

*Name of the speaker: ----*

*Title of the Activity : Induction Program(FY 2021 Batch)*

*Date: 5 th Jan 2022*

*Name of the speaker : Ms. Manasi Muglikar*

*Title of the Activity: Rajmata Jijau Birth Anniversary Celebration*

*Date: 12 th Jan 2022*

*Name of the speaker: ----*

*Title of the Activity: Philosopher club-Swami Vivekanand Jayanti (National Youth Day) "*

*Date: 12 th Jan 2022*

*Name of the speaker: Mr. Sachin Bhide*

# Activity Execution Report 2021-22

## Term II

*Title of the Activity: IT awareness workshop*

*Date: 20 th Jan 2022*

*Name of the speaker: ----*

*Title of the Activity : Vasant Panchami  
Celebration*

*Date: 5 th Feb 2022*

*Name of the speaker: ----*

*Title of the Activity: Workshop on Design Thinking,  
Critical thinking and Innovation  
Design*

*Date: 28 th Feb 2022*

*Name of the speaker: ----*

*Title of the Activity: Financial Independence  
(Women's Day Celebration)*

*Date: 8 th March 2022*

*Name of the speaker: Mr. Chaitrali Joshi*

# STUDENT ACHIEVEMENTS

**Name of the Student :-** Anjali kapoor  
**type Of activity :-** sport  
**Name of the activity :-** Fedration Senior National  
**Name of organizer :-** Jharkhand Rollball association  
**Achivement :-** second place

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**Name of the Student :-** Anjali kapoor  
**type Of activity :-** sport  
**Name of the activity:-**Fedration Westzone Senior National  
**Name of organizer :-** Madhya Pradesh Rollball Association  
**Achivement :-** second place

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**Name of the Student :-** Aakash Vaidya  
**type Of activity :-** Non-Technical  
**Name of the activity :-** Quiz  
**Name of organizer :-** Sports Authority OF India  
**Achivement :-** Participate

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**Name of the Student :-** Aakash Vaidya  
**type Of activity :-** Non-Technical  
**Name of the activity :-** Quiz  
**Name of organizer :-** NASA  
**Achivement :-** Participate

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## EDUCATIONAL BOARD



Dr. Prof. Pradnya muley



Sneha Ghorpade

# TECH FACTS....

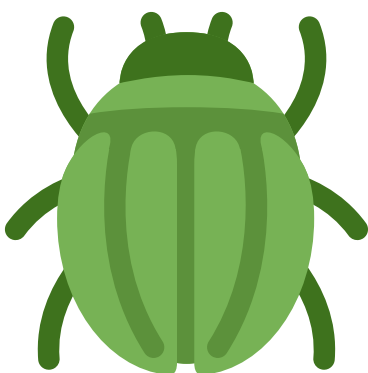
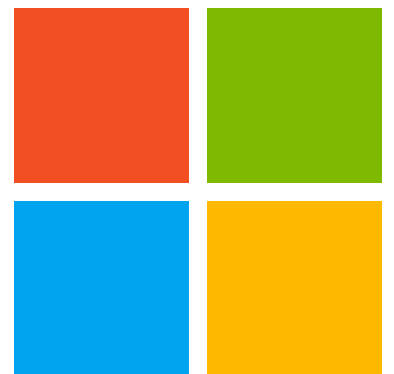
## Amazing Little Known Facts About Technology!

*The Facebook will pay \$500 if you find a bug in their code. If you find a security bug in Facebook's code, they are willing to pay from \$500 for you to tell them about it! The largest bounty ever reported to Facebook received \$50,000.*



*Twitter, Wikipedia, and AOL IM all crashed at 3:15pm when Michael Jackson died. On June 25, 2009, when the news of his death broke at 3:15 pm, Google, Twitter and AOL suffered an outage due to a large volume of people searching about MJ's death*

*Original name of Microsoft Windows was "Interface Manager" Rowland Hanson, the head of marketing at Microsoft, convinced the company that the name Windows would be more appealing to customers.*



*The computer "bug" was named after a literal bug found in a computer. In 1947 a technician at Harvard had an issue with the performance of their Mark II computer they discovered that a moth had gotten into a relay - an actual real live bug.*