



GOVERNMENT COLLEGE OF ENGINEERING KARAD

(An autonomous institute of maharashtra)

Department of Information Technology

Presents

Departmental magazine of

Academic year 2018 -19

Department Vision

To provide value based high quality IT education by empowering every student to be innovative and employable IT professional.

Department Mission

To offer graduate program in Information Technology for making students excellent IT professionals and encouraging them for higher studies, research and social responsibility.

PO PSOs

Programme Outcomes (PO):

Engineering Graduates will be able to:

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

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.
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.
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.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
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.
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.
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.

Program Specific Outcomes (PSO):

PSO1	Ability to understand, analyze and develop computer programs in the areas related to System Software, Database Systems, Networking, Web Designing.
PSO2	Ability to apply standard practices & strategies to solve IT Industry problems.

Department of Information Technology

Our department of information technology is always been at the top in every field. We always arrange many technical and nontechnical activities for students by which students can improve their technical skills as well as non-technical skills.

Our department is having student association that is “Information Technology student association (ITSA)” which is run by students itself.

Through this association many activities are conducted for the students by the students.

Technical activities:

1. Techno-philia

The 2nd year IT students conducted an event named Techno-philia. This event was in the form of competition. The event was conducted by the ITSA (Information Technology Students Association) committee members such as library, finance, notice board, public relations, etc. The competition was divided in three rounds. First round was aptitude test. The content for the aptitude test was about basic technical knowledge. The second round was quiz.

The third round was surprise round which was rapid-fire round.



2. The MixUP

The mixup was the technical event organized by members of non-technical committee of ITSA (Information Technology Students' Association).The event was held on 10 th November,2019. This event was in the form of competition. The entry fees for the event was Twenty Rupees only. The total participants for the competition was 55. The event consists of three rounds as Aptitude Round, Treasure hunt and Surprise Round. The main aim of our event is to improve the team coordination as well as to boost individual confidence. It will provide platform for publicly demonstrating skills and for brain exercises. This competition provides built-in motivation.

3. TechITSA

TechITSA was the technical event organized by members of technical committee of ITSA (Information Technology Student Association).The event was held on 15th October, 2019. This event was in the form of competition. The entry fees for the event was Twenty Rupees only. The total participants for the competition was 86.The event consists of three rounds as Aptitude Round, Coding Round and Surprise Round.

The main aim of our event is to improve fundamental programming skills. It will provide platform for publicly demonstrating skills and for brain exercises. This competition provides built-in motivation. It is necessary to encourage consistent practice.



Non-technical events

Rangoli competition

This competition is also held in our department in academic year 2018 19 for both boy and girls.



