VISION OF THE INSTITUTE

To continually develop excellent professionals capable of providing sustainable solutions to challenging problems in their fields and prove responsible global citizens.

MISSION OF THE INSTITUTE

We wish to serve the nation by becoming a reputed deemed university for providing value based professional education.

VISION OF THE DEPARTMENT

To be recognized globally for delivering high quality education in the ever- changing field of computer science & engineering, both of value & relevance to the communities we serve.

MISSION OF THE DEPARTMENT

1. To provide quality education in both the theoretical and applied foundations of Computer Science and train students to effectively apply this education to solve real world problems.
2. To amplify their potential for lifelong high-quality careers and give them a competitive advantage in the challenging global work environment.

PROGRAM EDUCATIONAL OUTCOMES (PEOs)

PEO 1: Learning: Our graduates to be competent with sound knowledge in field of Computer Science & Engineering.

PEO 2: Employable: To develop the ability among students to synthesize data and technical concepts for application to software product design for successful careers that meet the needs of Indian and multinational companies.

PEO 3: Innovative: To develop research oriented analytical ability among students to prepare them for making technical contribution to the society.

PEO 4: Entrepreneur / Contribution: To develop excellent leadership quality among students which they can use at different levels according to their experience and contribute for progress and development in the society.

PROGRAM OUTCOMES (POs)

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 modelling 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)

PSO1: The ability to use standard practices and suitable programming environment to develop software solutions.

PSO2: The ability to employ latest computer languages and platforms in creating innovative career opportunities.

C407.1	Relate to the 'real' working environment and get acquainted with the organization structure, business operations and administrative functions.
C407.2	Practice hands-on experience in the computer related fields so that they can relate and reinforce what has been taught.
C407.3	Develop synergetic collaboration with industry and the university in promoting a knowledgeable society.
C407.4	Set up the stage for future recruitment by potential employe

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C407.1	3	3	2	1	1	1	1	1	2	1	2	2	3	2
C407.2	3	3	2	1	2	1	1	1	2	1	1	2	3	3
C407.3	3	3	1	1	2	1	1	1	2	1	1	2	2	1
C407.4	3	3	1	1	2	1	1	1	1	1	1	2	2	1
C407	3	3	1.5	1	1.75	1	1	1	1.75	1	1.25	2	2.5	1.75


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(On October 2022)
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EVALUATION

As per the AKTU norms Industrial Training progress shall be evaluated by the internal examiner at the end of the semester. However, there will be continuous monitoring of the Industrial Training progress report during the semester and distribution of marks shall be as follows:

B.Tech. Final Year Industrial Training Assessment (Internal)

Date of Assessment (DD/MM/YYYY): / /2022……

Project Assessment Parameter(s) Total Marks (50)	**1900330100176**
Application of Engineering Principles and software/mathematical tools/Latest technology (10)	
Quality of the report writing (layout, structure, written and graphical material, referencing) (10)	
Presentation Skills (10)	
Innovation and understanding (level of difficulty, innovation and understanding of work completed) (10)	
Outcomes (results, conclusions and learning outcomes achieved) (10)	

SYNOPSIS

There are multiple news-sharing apps used by a single user and are often spammed with notifications. There is also a lot of fake news which gets shared. A news-sharing app wants to help users find relevant and important news easily every day and also understand explicitly that the news is not fake but from proper sources.

The solution of this the news app which we have created during our internship as a beginner project to learn and implement React Js and Bootstrap together. News apps is implemented using News API. News API is a simple JSON-based REST API for searching and retrieving news articles from all over the web. Using this, one can fetch the top stories running on a news website or can search top news on a specific topic (or keyword). News can be retrieved based on some criteria. Say the topic (keyword) to be searched is 'Entertainment' or might be concerned to a specific channel. All can be done, but the API key is needed to get started.

There are multiple news-sharing apps used by a single user and are often spammed with notifications. There is also a lot of fake news which gets shared. A news-sharing app wants to help users find relevant and important news easily every day and also understand explicitly that the news is not fake but from proper sources.

Due to excessive amount of work done in Web development in MERN the evaluators tend to do mistakes. Here, the chance of mistake is minimum. And also need to step up environment to perform well.The overall method is very easy and based on few steps. No huge amount of knowledge is needed to complete the task.

HARDWARE REQUIREMENT: -

PROCESSOR: i3 processor or Greater, RAM: 4 Gaga Byte (GB) and 128 GB Greater, HARDDISK: or Greater, Keyboard & Mouse, MONITOR: Colour (For Best Result), Printer

SOFTWARE REQUIREMENTS: -

Operating System: Windows 2000/ XP /7/8, Front-End: Visual Studio Code, Back-End, MYSQL, GIT, MONGOOSE.