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Academic Year: 2021-22

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FOCUS ON EXCELLENCE

FEDI Focus on Excellence

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)®

Department of Civil Engineering Academic Year: 2021-2022

Alumni Feedback Analysis Report

PO 1: Ability to apply fundamental subject knowledge to new problems.

PO 2: Ability to analyse complex engineering problems.

PO 3:Ability to design creative, original and cost effective solutions for engineering problems.

PO 4: Ability to innovate solutions for complex engineering problems

PO 5:Ability to use computers and software as an analytical tool.

PO 6: Ability to provide engineering solutions to societal problems.

PO 7: Sensitivity to environment and sustainability in engineering practice.

PO 8:Ability to cope with complex moral and ethical issues in professional life.

PO 9: Ability to work in a team and as a leader.

PO 10: Ability to manage projects in multidisciplinary environments.

PO 11: Ability to write well and effectively communicate orally

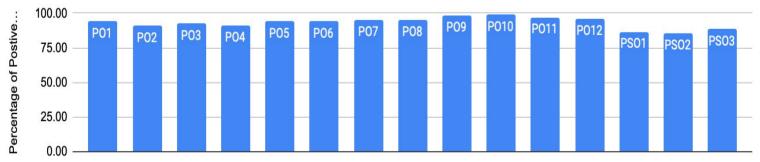
PO 12: Ability to participate in career advancement programs

PSO 1: Feasibility of Civil Engineering Projects: Conduct surveys and site investigations for Civil Engineering projects and prepare feasibility reports.

PSO 2: Analysis and Design in Civil Engineering: Plan, analyse and design Civil Engineering solutions giving due consideration to society, cost, safety and sustainability.

PSO 3: Execution of Civil Engineering Projects: Supervise, test and evaluate construction of structures, materials, manage resources and maintenance of structures.

Percentage of Postive response





Department of Computer Science and Engineering Academic Year: 2021-2022

Alumni Feedback Analysis Report

<Question>

PO1: Ability to apply fundamental subject knowledge to new problems.

PO2: Ability to analyse complex engineering problems.

PO3: Ability to design creative, original and cost effective solutions for engineering problems.

PO4: Ability to innovate solutions for complex engineering problems.

PO5: Ability to use computers and software as an analytical tool.

PO6: Ability to provide engineering solutions to societal problems.

PO7:Sensitivity to environment and sustainability in engineering practice.

PO8: Ability to cope with complex moral and ethical issues in professional life.

PO9: Ability to work in a team and as a leader.

PO10: Ability to manage projects in multidisciplinary environments.

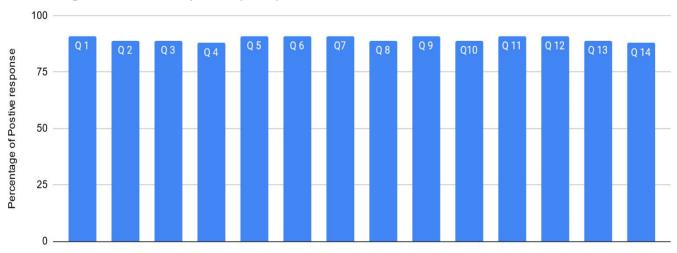
PO11: Ability to write well and effectively communicate orally.

PO12: Ability to participate in career advancement programs.

PSO1:The ability to implement, analyze and develop algorithms based on computational theory in the fields computer science for productive and effective design of computer-based systems.

PSO2: The ability to apply standard engineering practices for the development and management of software and hardware projects, using open source programming environments.

Percentage of Postive response (CSE)





Department of Electrical And Electronics Engineering Academic Year: 2021-2022

Alumni Feedback Analysis Report

<Question>

PO 1: Ability to apply fundamental subject knowledge to new problems.

PO 2: Ability to analyse complex engineering problems.

PO 3: Ability to design creative, original and cost effective solutions for engineering problems.

PO 4: Ability to innovate solutions for complex engineering problems.

PO 5: Ability to use computers and software as an analytical tool.

PO 6: Ability to provide engineering solutions to societal problems.

PO 7:Sensitivity to environment and sustainability in engineering practice.

PO 8: Ability to cope with complex moral and ethical issues in professional life.

PO 9: Ability to work in a team and as a leader.

PO 10: Ability to manage projects in multidisciplinary environments.

PO 11: Ability to write well and effectively communicate orally.

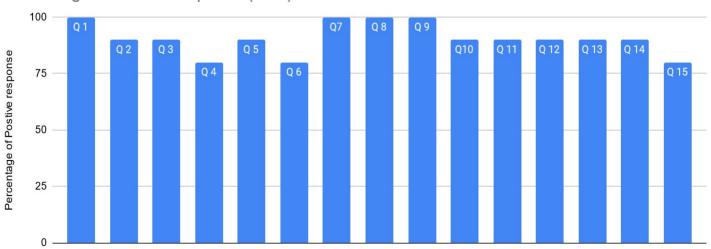
PO 12: Ability to participate in career advancement programs.

PSO 1: Students at the time of graduation will be competent to solve real life problems related to electrical machines, power converters, power systems, controllers, electrical estimation, energy management and auditing.

PSO 2: Students at the time of graduation will have programming skill and ability to use modern software tools to analyse and design electrical and electronic systems.

PSO 3: Students at the time of graduation will have hands on proficiency in analog and digital electronics, embedded systems, for the control, operation and maintenance of electrical and electronic system.

Percentage of Postive response (EEE)



FE Focus on Excellence

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)®

Department of Electronics and Communication Engineering Academic Year: 2021-2022

Alumni Feedback Analysis Report

<Question>

PO1: Ability to apply fundamental subject knowledge to new problems.

PO2: Ability to analyse complex engineering problems.

PO3: Ability to design creative, original and cost effective solutions for engineering problems.

PO4: Ability to innovate solutions for complex engineering problems

PO5: Ability to use computers and software as an analytical tool.

PO6: Ability to provide engineering solutions to societal problems.

PO7: Sensitivity to environment and sustainability in engineering practice.

PO8: Ability to cope with complex moral and ethical issues in professional life.

PO9: Ability to work in a team and as a leader.

PO10: Ability to manage projects in multidisciplinary environments.

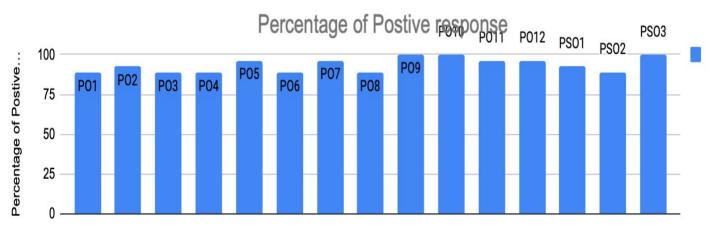
PO11: Ability to write well and effectively communicate orally

PO12: Ability to participate in career advancement programs

PSO1: The ability to apply the fundamental knowledge of electronics and communication engineering to analyse, design, and develop various types of electronics systems

PSO2:Competence in using modern hardware and software tools for developing solutions to engineering problems

PSO3: Excellent adaptability to the change in industrial and real-world requirements



PO and PSOs



Department of Electronics and Instrumentation Engineering

Academic Year: 2021-2022

Alumni Feedback Analysis Report

<Question>

PO 1: Ability to apply fundamental subject knowledge to new problems.

PO 2: Ability to analyse complex engineering problems.

PO 3:Ability to design creative, original and cost effective solutions for engineering problems.

PO 4: Ability to innovate solutions for complex engineering problems.

PO 5: Ability to use computers and software as an analytical tool.

PO 6: Ability to provide engineering solutions to societal problems.

PO 7:Sensitivity to environment and sustainability in engineering practice.

PO 8: Ability to cope with complex moral and ethical issues in professional life.

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PO 10: Ability to manage projects in multidisciplinary environments.

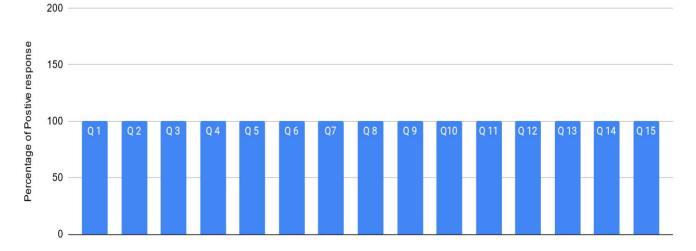
PO 11: Ability to write well and effectively communicate orally.

PO 12: Ability to participate in career advancement programs.

PSO 1: Ability to apply the concepts of engineering to design components and systems for applications in electronics, control system, process and industrial instrumentation, signal processing and other related areas of engineering.

PSO 2: Hands-on experience in application of engineering hardware and software tools to solve complex Electrical, Electronics and Instrumentation Engineering problems.

Percentage of Postive response (EIE)





Department of Mechanical Engineering Academic Year: 2021-2022

Alumni Feedback Analysis Report

<Question>

PO 1:Ability to apply fundamental subject knowledge to new problems.

PO 2: Ability to analyse complex engineering problems.

PO 3: Ability to design creative, original and cost effective solutions for engineering problems.

PO 4:Ability to innovate solutions for complex engineering problems.

PO 5:Ability to use computers and software as an analytical tool.

PO 6:Ability to provide engineering solutions to societal problems.

PO 7:Sensitivity to environment and sustainability in engineering practice.

PO 8:Ability to cope with complex moral and ethical issues in professional life.

PO 9:Ability to work in a team and as a leader.

PO 10:Ability to manage projects in multidisciplinary environments.

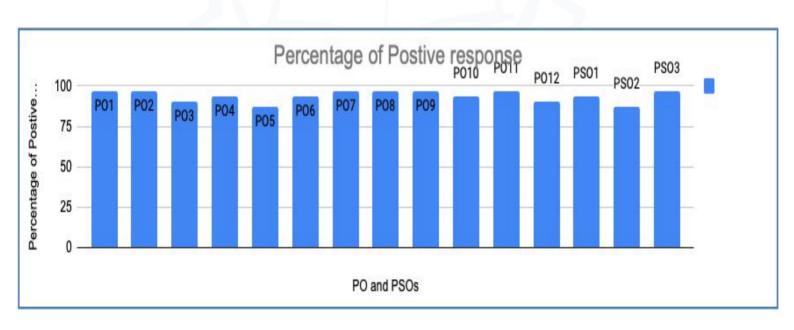
PO 11:Ability to write well and effectively communicate orally.

PO 12: Ability to participate in career advancement programs.

PSO 1:Ability to apply knowledge in science and engineering for the design and analysis of engineering problems.

PSO 2:Ability to design, create and develop products and processes related to Mechanical Engineering using modern tools.

PSO 3:Ability to sustain passion for learning and work with professional ethics, either as an individual or a team member, in managing projects related to society and environment.





Department of Computer Applications
Academic Year: 2021-2022

Alumni Feedback Analysis Report

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PO 1: Ability to apply fundamental computational knowledge to new problems

PO 2: Ability to analyse complex computational problems in computer application

PO 3:Ability to design creative, original and cost effective solution for computing problem in computer application

PO 4: Ability to innovate solution for complex computing problems

PO 5: Ability to use computers and softwares as an analytical tool

PO 6: Ability to cope with complex moral and ethical issues in personal life

PO 7: Ability to participate in career advancement programs

PO 8: Ability to manage projects in multidisciplinary environment

PO 9: Ability to write well and effectively communicate orally

PO 10:Ability to utilize computing knowledge efficiently in projects which contribute solution for societal, environmental and culture aspects

PO 11: Ability to work in a team and as a leader

PO 12:Ability to develop and design innovative solutions for betterment of individual and society

PSO 1:Ability to apply computing techniques and softwares technological concepts for devising effective software with managerial skills to work in a team as well as to lead a team

PSO 2:Ability to equip with contemporary trends in industrial/research and academia upholding ethical social values

