



FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)[®]

**Index of Cr 1.4.1 : Alumni Curriculum Feedback
Analysis**

Academic Year : 2020-21

Sl. No.	Department	Pg. Nos.
1	CE	2
2	CSE	3
3	EEE	4
4	ECE	5
5	EIE	6
6	ME	7
7	MCA	8



Manoj
PRINCIPAL
FEDERAL INSTITUTE OF
SCIENCE AND TECHNOLOGY (FISAT)
ANGAMALY, KERALA-683 577



Alumni Feedback Analysis Report

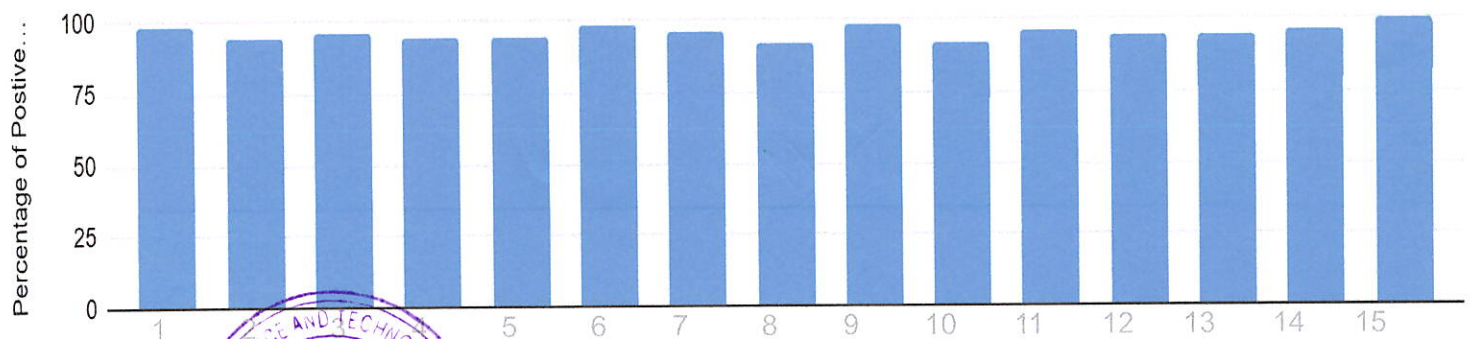
- Q 1:** Ability to apply fundamental subject knowledge to new problems.
Q 2: Ability to analyse complex engineering problems.
Q 3: Ability to design creative, original and cost effective solutions for engineering problems.
Q 4: Ability to innovate solutions for complex engineering problems
Q 5: Ability to use computers and software as an analytical tool.
Q 6: Ability to provide engineering solutions to societal problems.
Q 7: Sensitivity to environment and sustainability in engineering practice.
Q 8: Ability to cope with complex moral and ethical issues in professional life.
Q 9: Ability to work in a team and as a leader.
Q 10: Ability to manage projects in multidisciplinary environments.
Q 11: Ability to write well and effectively communicate orally
Q 12: Ability to participate in career advancement programs

Q 12: Feasibility of Civil Engineering Projects: Conduct surveys and site investigations for Civil Engineering projects and prepare feasibility reports.

Q 14: Analysis and Design in Civil Engineering: Plan, analyse and design Civil Engineering solutions giving due consideration to society, cost, safety and sustainability.

Q 15: Execution of Civil Engineering Projects: Supervise, test and evaluate construction of structures, materials, manage resources and maintenance of structures.

Percentage of Postive response



Manoj
FEDERAL INSTITUTE OF
SCIENCE AND TECHNOLOGY (FISAT)
ANGAMALY, KERALA-683 577



Alumni Feedback Analysis Report

Focus on Excellence

<Question>

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

Q 2: Ability to analyse complex engineering problems.

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

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

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

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

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

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

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

Q 10: Ability to manage projects in multidisciplinary environments.

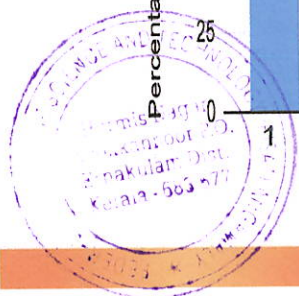
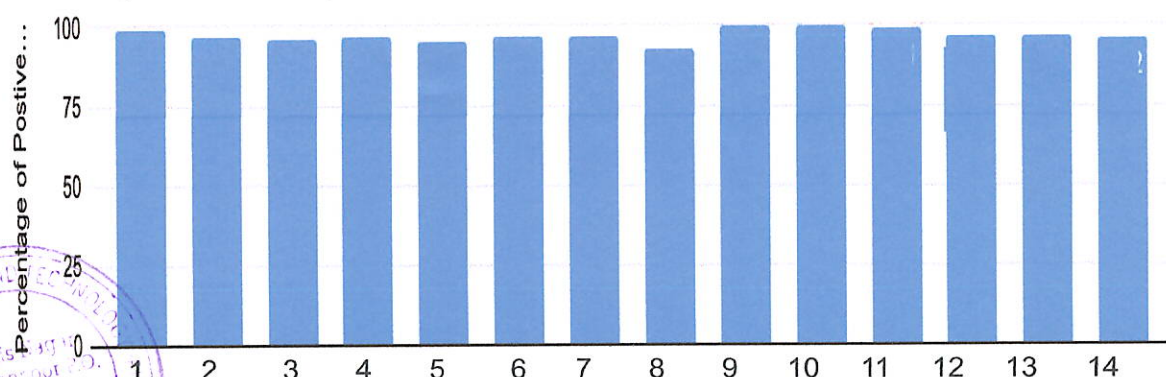
Q 11: Ability to write well and effectively communicate orally.

Q 12: Ability to participate in career advancement programs.

Q 13: 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.

Q 14: 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



Manoj

PRINCIPAL
FEDERAL INSTITUTE OF
SCIENCE AND TECHNOLOGY (FISAT)
ANGAMALY, E-ALA-683 577



Alumni Feedback Analysis Report

Focus on Excellence

<Question>

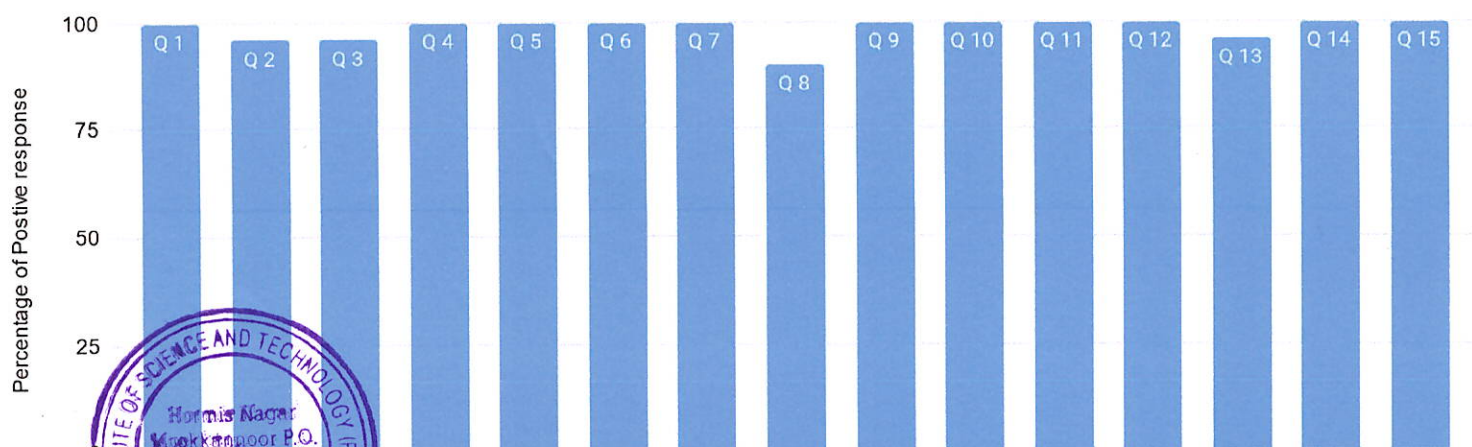
- Q 1: Ability to apply fundamental subject knowledge to new problems.
Q 2: Ability to analyse complex engineering problems.
Q 3: Ability to design creative, original and cost effective solutions for engineering problems.
Q 4: Ability to innovate solutions for complex engineering problems.
Q 5: Ability to use computers and software as an analytical tool.
Q 6: Ability to provide engineering solutions to societal problems.
Q 7: Sensitivity to environment and sustainability in engineering practice.
Q 8: Ability to cope with complex moral and ethical issues in professional life.
Q 9: Ability to work in a team and as a leader.
Q 10: Ability to manage projects in multidisciplinary environments.
Q 11: Ability to write well and effectively communicate orally.
Q 12: Ability to participate in career advancement programs.

Q 13: 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.

Q 14: 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.

Q 15: 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)



Manoj
PRINCIPAL
FEDERAL INSTITUTE OF
SCIENCE AND TECHNOLOGY (FISAT)
ANGAMALY, KERALA-683 577



Alumni Feedback Analysis Report

<Question>

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

Q 2: Ability to analyse complex engineering problems.

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

Q 4: Ability to innovate solutions for complex engineering problems

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

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

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

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

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

Q 10: Ability to manage projects in multidisciplinary environments.

Q 11: Ability to write well and effectively communicate orally

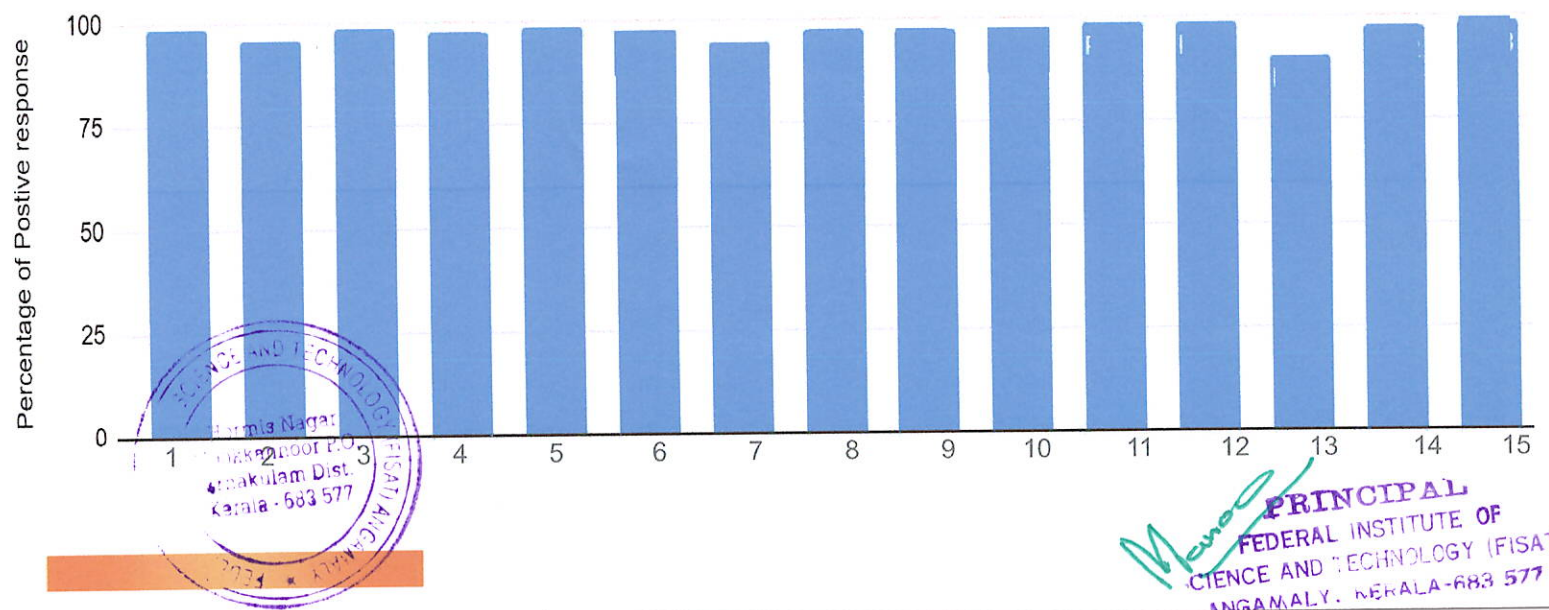
Q 12: Ability to participate in career advancement programs

Q 13: The ability to apply the fundamental knowledge of electronics and communication engineering to analyse, design, and develop various types of electronics systems

Q 14: Competence in using modern hardware and software tools for developing solutions to engineering problems

Q 15: Excellent adaptability to the change in industrial and real-world requirements

Percentage of Positive response





Alumni Feedback Analysis Report

<Question>

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

Q 2: Ability to analyse complex engineering problems.

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

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

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

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

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

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

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

Q 10: Ability to manage projects in multidisciplinary environments.

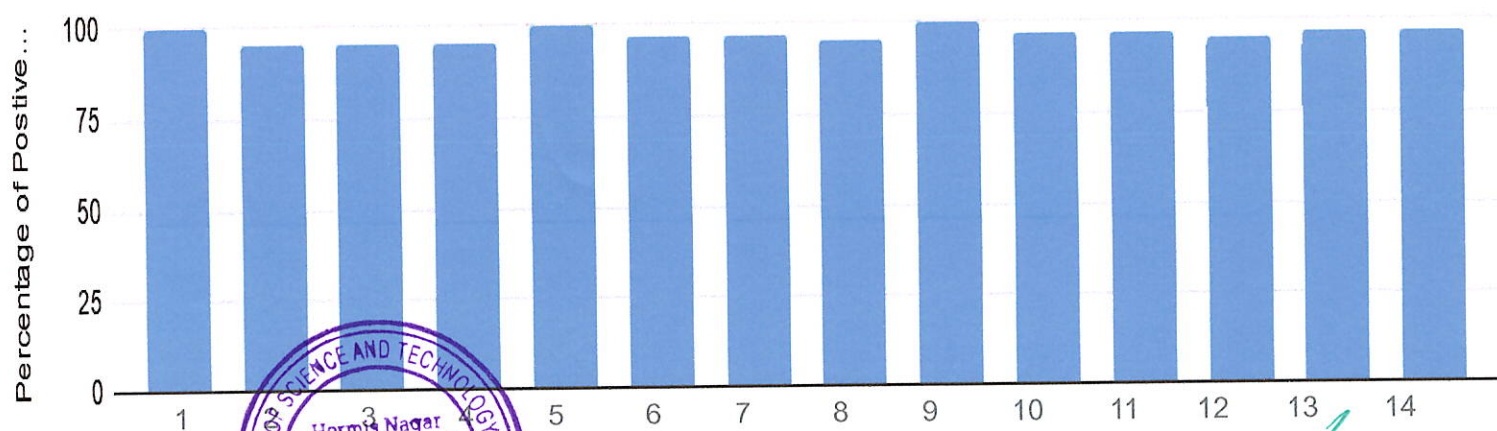
Q 11: Ability to write well and effectively communicate orally.

Q 12: Ability to participate in career advancement programs.

Q 13: 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.

Q 14: Hands-on experience in application of engineering hardware and software tools to solve complex Electrical, Electronics and Instrumentation Engineering problems.

Percentage of Positive response



Manoj
PRINCIPAL
FEDERAL INSTITUTE OF
SCIENCE AND TECHNOLOGY (FISAT)
ANGAMALY, KERALA-683 577



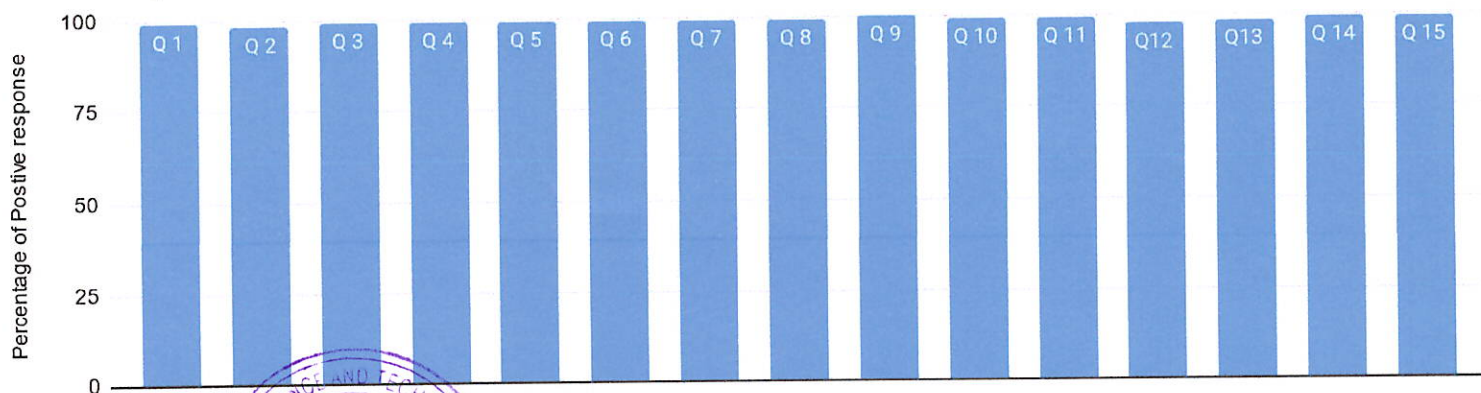
Alumni Feedback Analysis Report

<Question>

- Q 1:Ability to apply fundamental subject knowledge to new problems.
Q 2:Ability to analyse complex engineering problems.
Q 3:Ability to design creative, original and cost effective solutions for engineering problems.
Q 4:Ability to innovate solutions for complex engineering problems.
Q 5:Ability to use computers and software as an analytical tool.
Q 6:Ability to provide engineering solutions to societal problems.
Q 7:Sensitivity to environment and sustainability in engineering practice.
Q 8:Ability to cope with complex moral and ethical issues in professional life.
Q 9:Ability to work in a team and as a leader.
Q 10:Ability to manage projects in multidisciplinary environments.
Q 11:Ability to write well and effectively communicate orally.
Q 12:Ability to participate in career advancement programs.

Q 13:Ability to apply knowledge in science and engineering for the design and analysis of engineering problems.
Q 14:Ability to design, create and develop products and processes related to Mechanical Engineering using modern tools.
Q 15: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.

Percentage of Postive response(ME)



Manoj

PRINCIPAL
FEDERAL INSTITUTE OF
SCIENCE AND TECHNOLOGY (FISAT)
ANGAMALY, KERALA-683 577

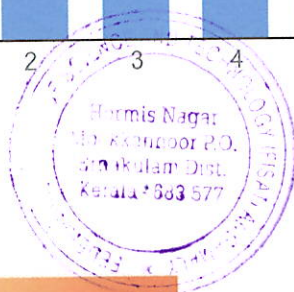
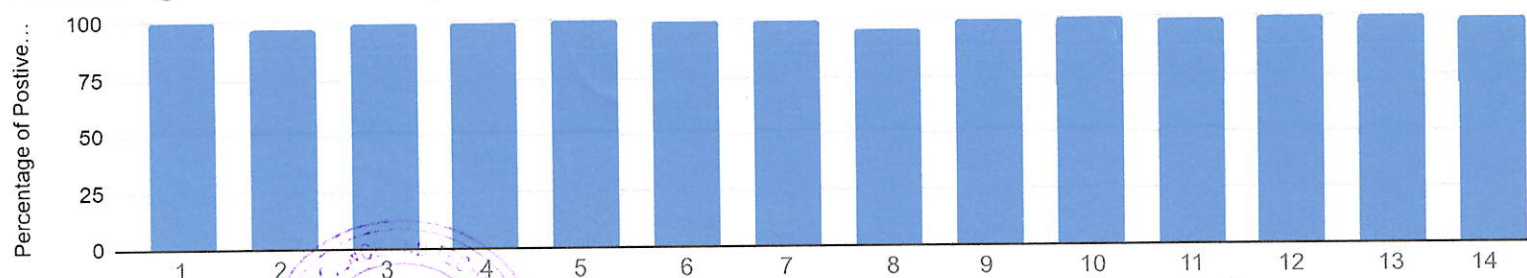


Alumni Feedback Analysis Report

Question

- Q 1: Ability to apply fundamental computational knowledge to new problems
Q 2: Ability to analyse complex computational problems in computer application
Q 3: Ability to design creative, original and cost effective solution for computing problem in computer application
Q 4: Ability to innovate solution for complex computing problems
Q 5: Ability to use computers and softwares as an analytical tool
Q 6: Ability to cope with complex moral and ethical issues in personal life
Q 7: Ability to participate in career advancement programs
Q 8: Ability to manage projects in multidisciplinary environment
Q 9: Ability to write well and effectively communicate orally
Q 10: Ability to utilize computing knowledge efficiently in projects which contribute solution for societal, environmental and culture aspects
Q 11: Ability to work in a team and as a leader
Q 12: Ability to develop and design innovative solutions for betterment of individual and society
Q 13: 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
Q 14: Ability to equip with contemporary trends in industrial/research and academia upholding ethical social values

Percentage of Positive response



Manoj

PRINCIPAL
FEDERAL INSTITUTE OF
SCIENCE AND TECHNOLOGY (FISAT)
KANNUR, KERALA - 683 577