



FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)<sup>®</sup>

Index of Cr 1.4.2 : Alumni Curriculum Feedback  
Analysis

Academic Year : **2017-18**

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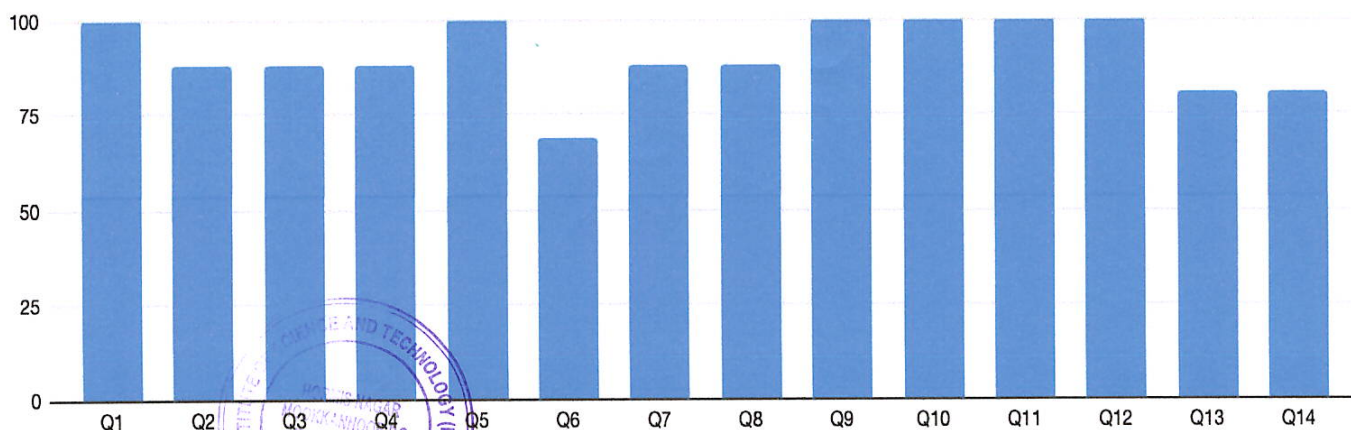
Department of **Computer Science and Engineering**  
Academic Year : **2017-18**

### 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 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.

■ Analysis  
Percentage of positive responses(CSE-2017-18)



*Manoj*  
**PRINCIPAL**  
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**Department of Electrical And Electronics Engineering**  
**Academic Year : 2017-18**

### **Alumni Feedback Analysis Report**

#### **<Question>**

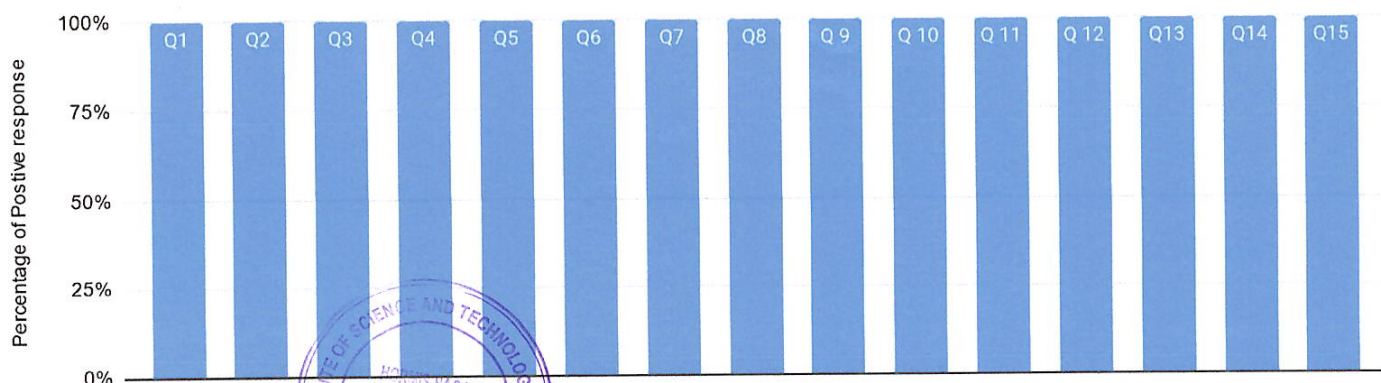
- Q 1:** Ability to apply fundamental subject knowledge to new problems.  
**Q 2:** Ability to analyse complex engineering problems.  
**Q 3:** Ability to design creative, original and cost effective solutions for engineering problems.  
**Q 4:** Ability to innovate solutions for complex engineering problems.  
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**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)



PO and PSOs



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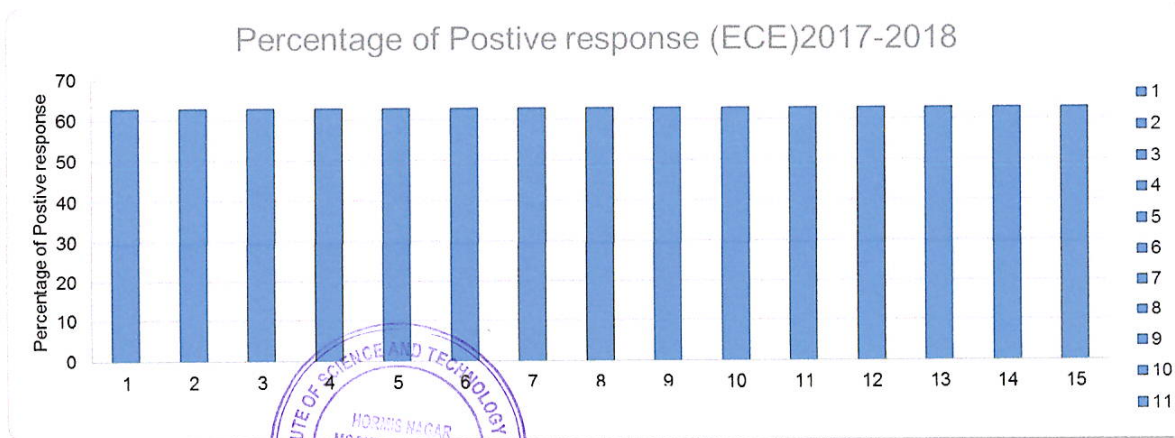
Department of **Electronics and Communication Engineering**  
Academic Year : **2017-18**

## 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 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



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Department of **Electronics and Instrumentation Engineering**  
Academic Year : **2017-18**

## 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.

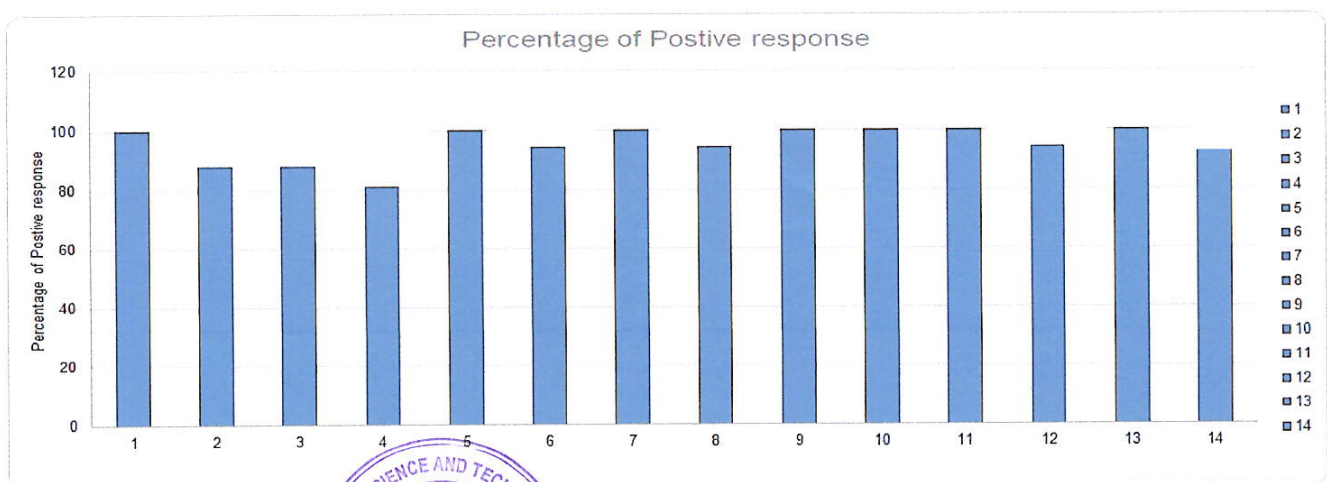
Q 10: Ability to manage projects in multidisciplinary environments.

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.



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Department of **Mechanical Engineering**

Academic Year : **2017-18**

## 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.

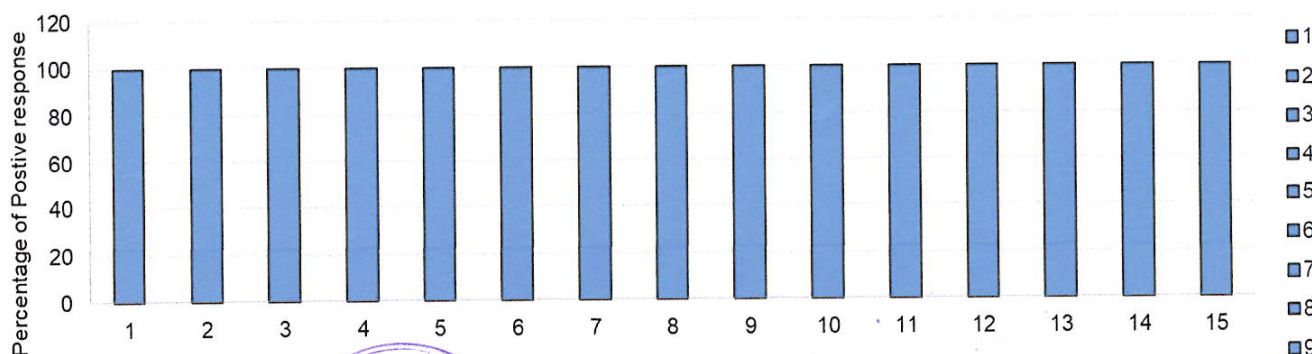
Q 12: Ability to participate in career advancement programs.

Q 13 1: 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)



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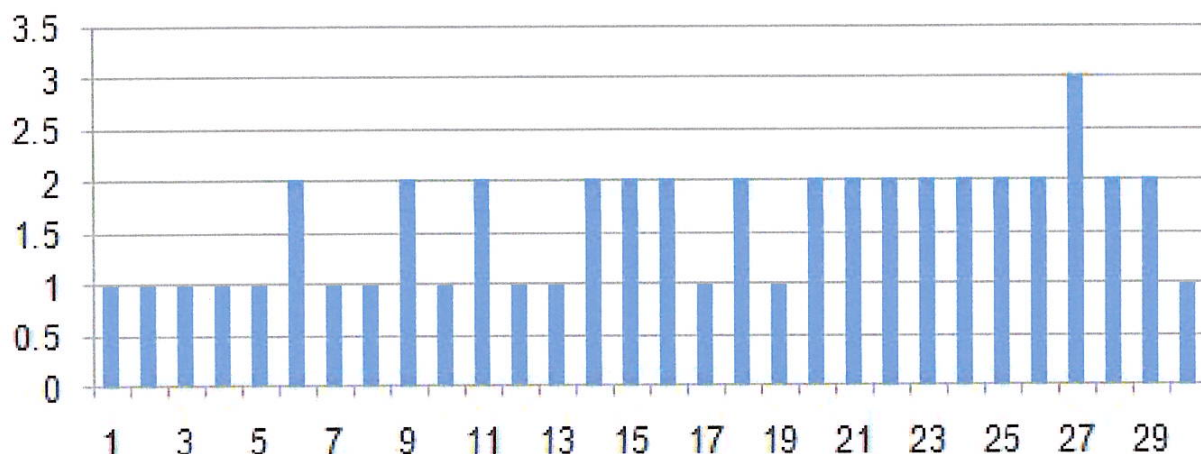
Department of **Business Administration**

Academic Year : **2018**

Alumni Feedback Analysis Report

Focus on Excellence

## Able to apply management principles to organizational problems



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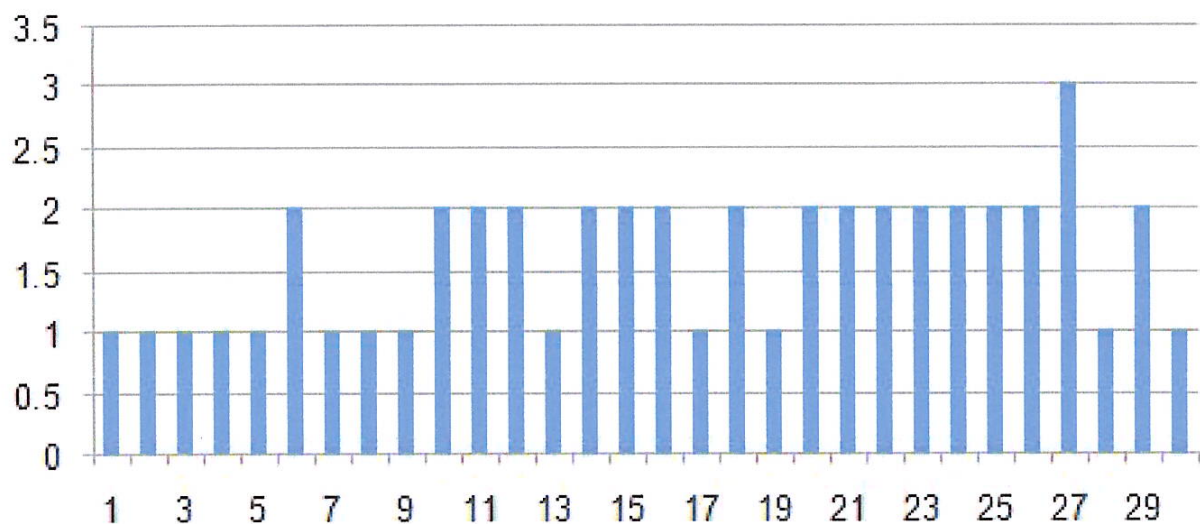


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## Able to critically analyse and evaluate managerial issues



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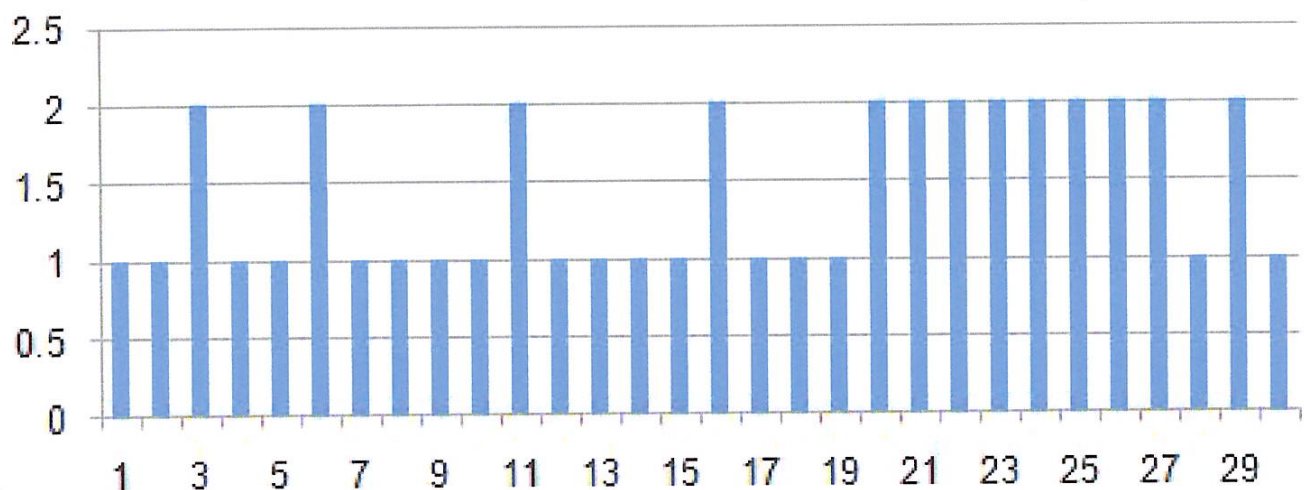


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## Ability to develop creative and effective solutions in job contexts



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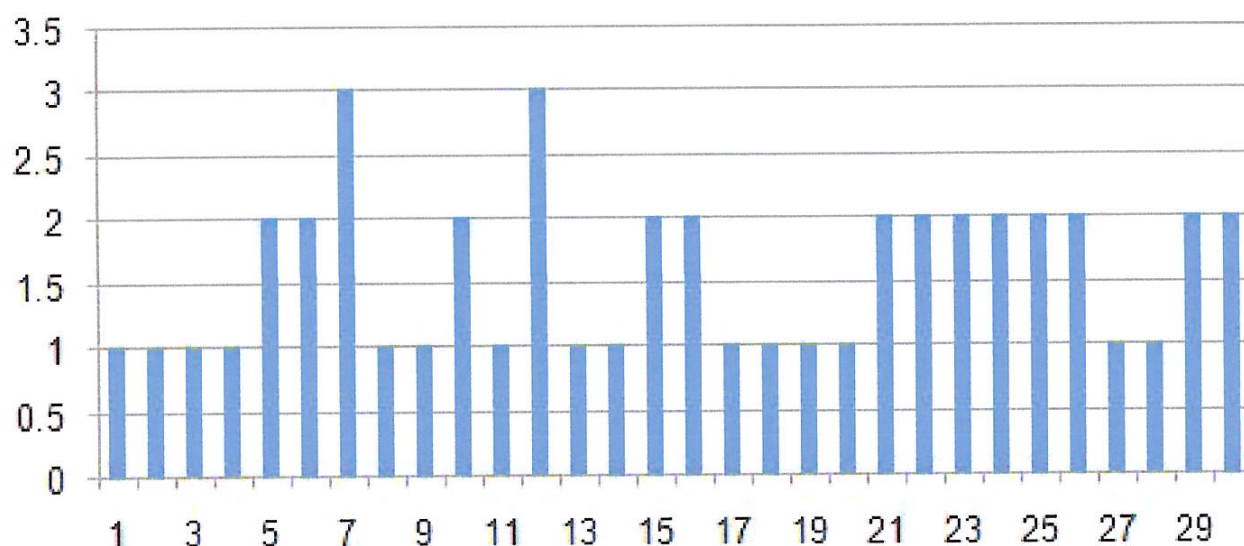
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## Able to use information systems for analyzing business problems



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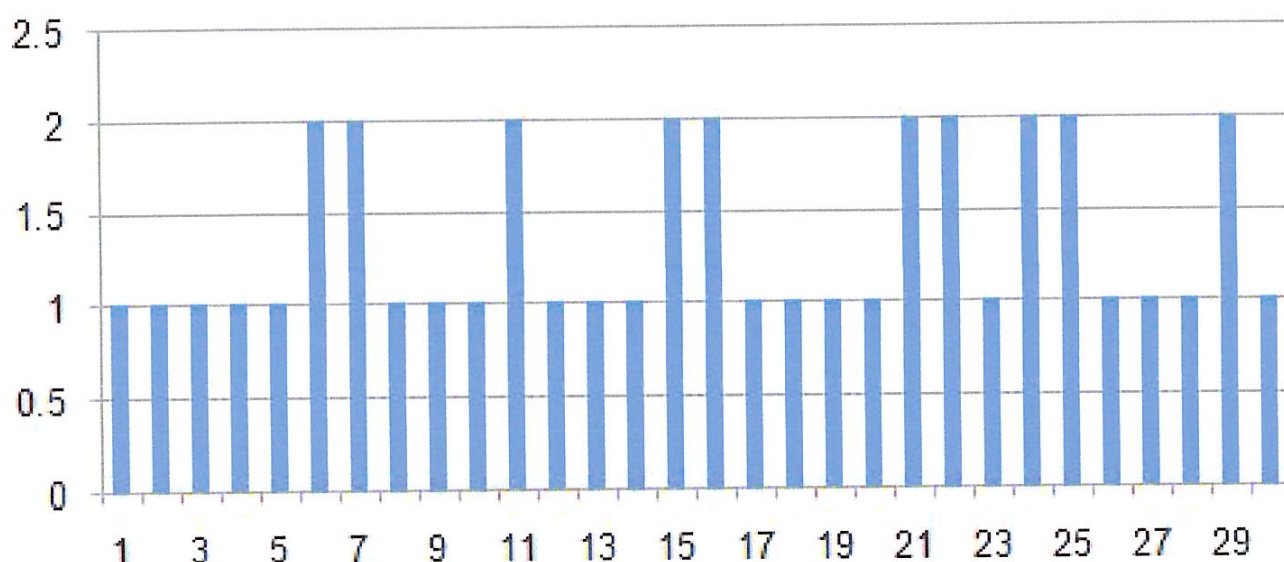
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## Able to work in global contexts if required.



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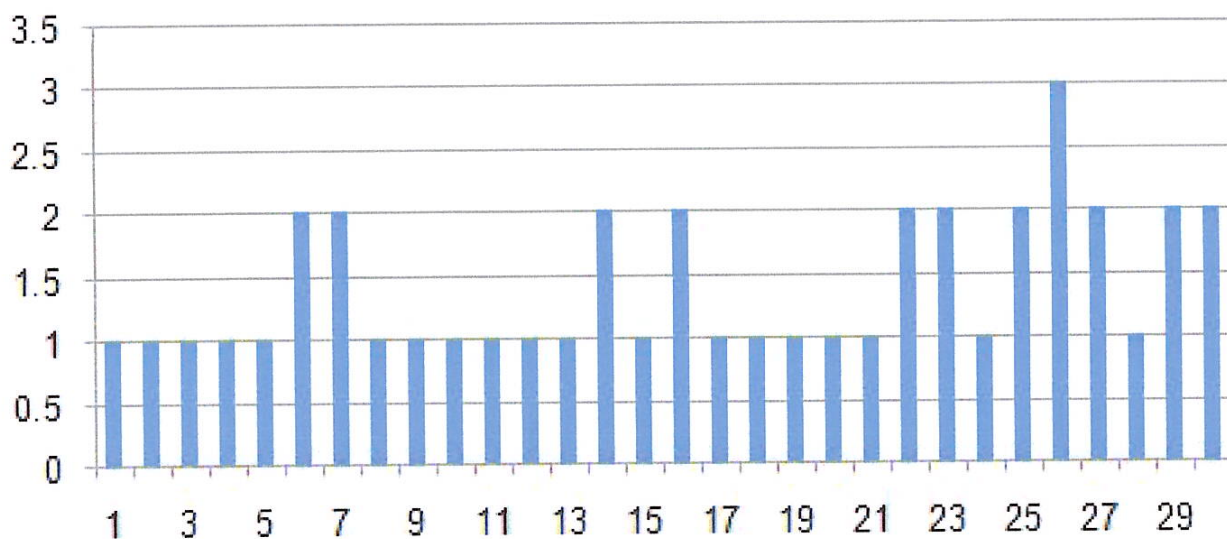
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## Able to exhibit leadership traits in job roles



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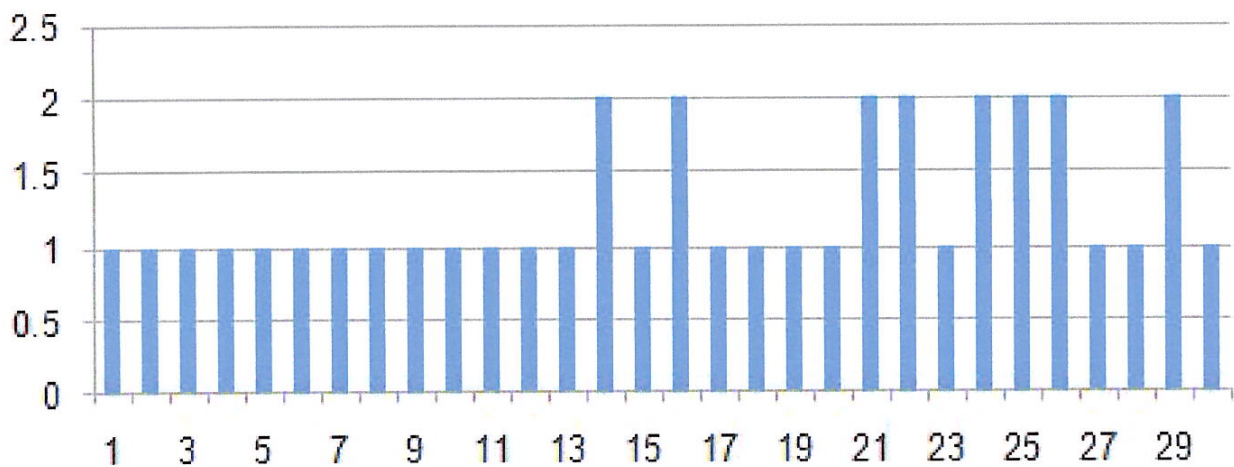
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## Able to cope with complex moral and ethical issues in professional life



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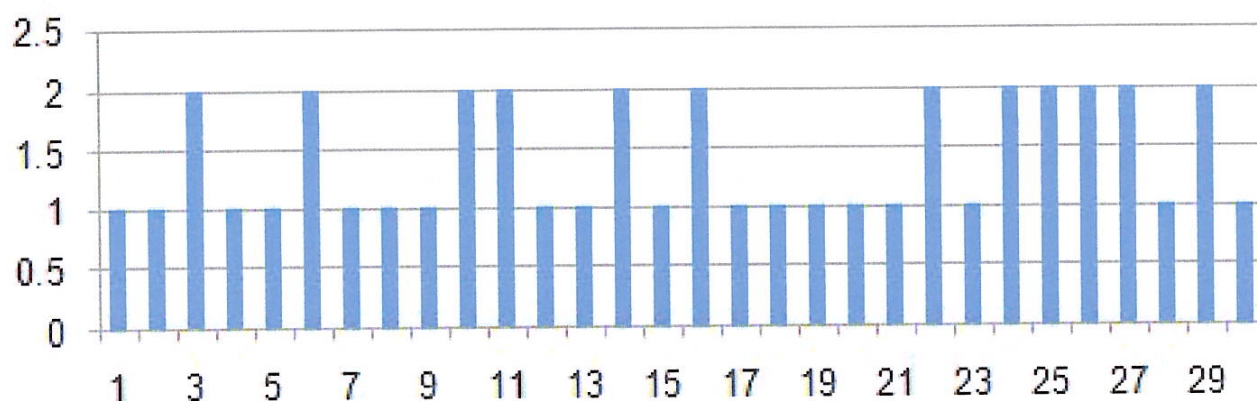
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**Able to work effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.**



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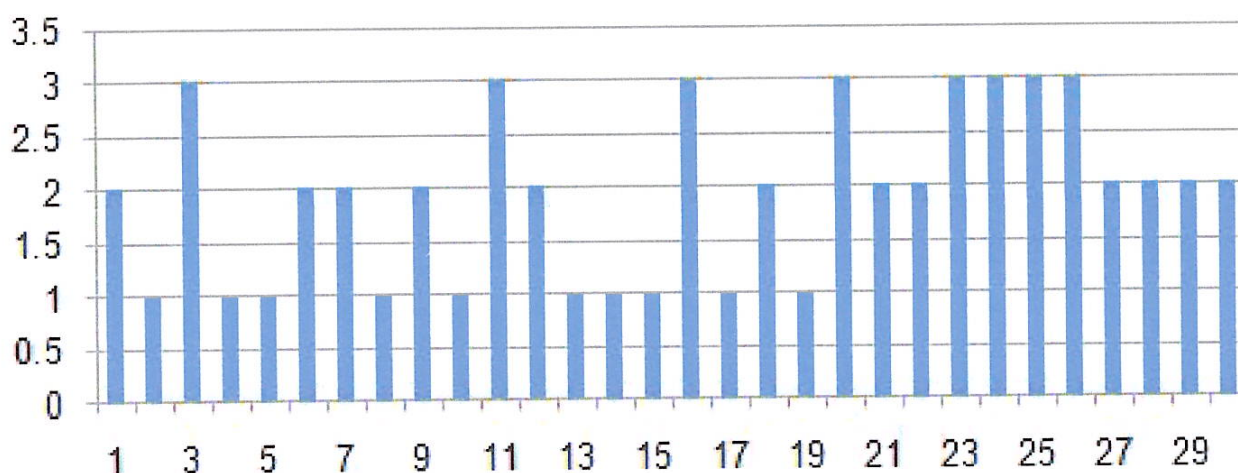
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## Able to communicate/present your ideas effectively to the society.



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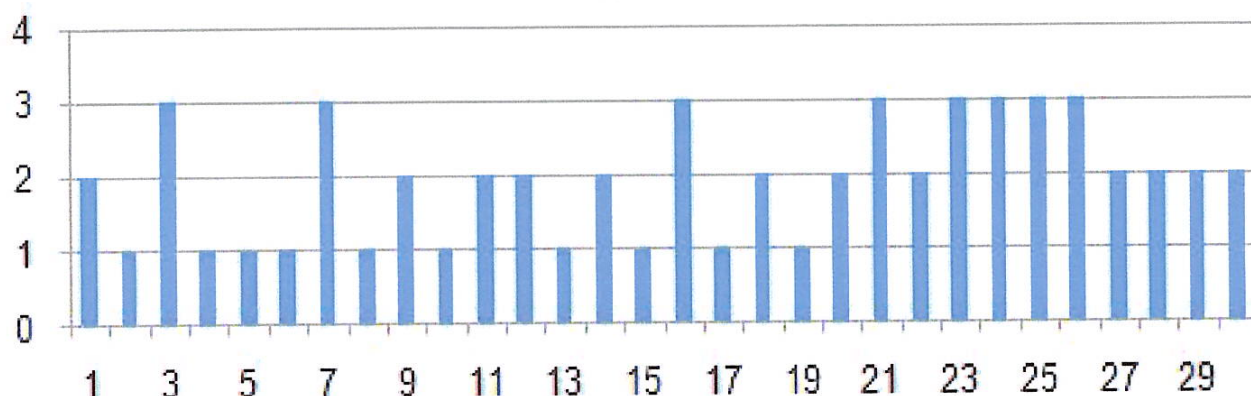
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## Ability to work effectively as a member or leader to manage projects in multidisciplinary environments.



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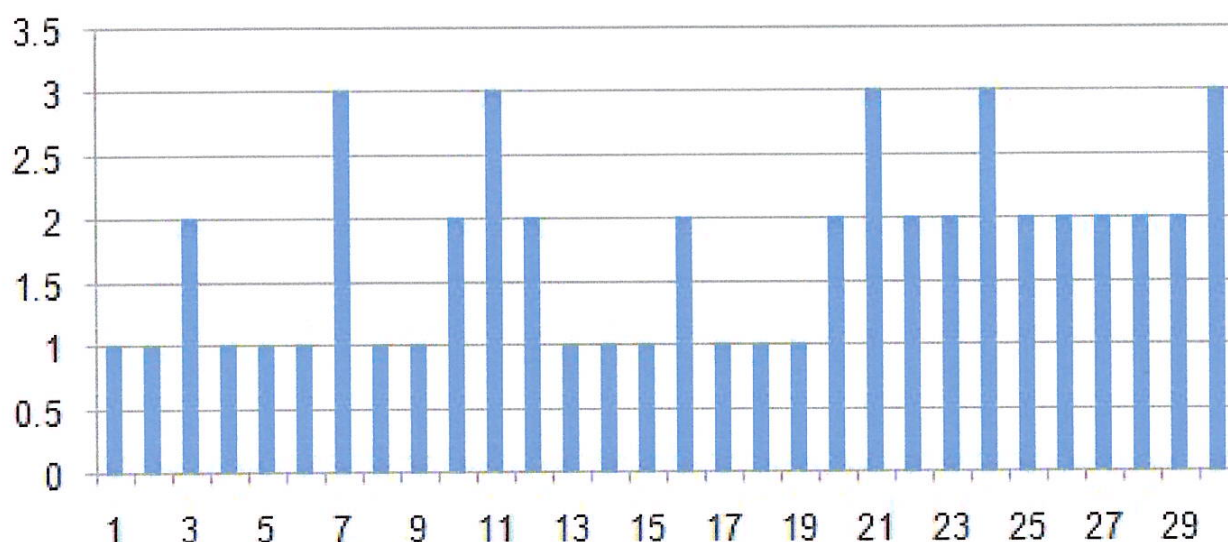
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Academic Year : **2018**

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## Ability to participate in career advancement programs



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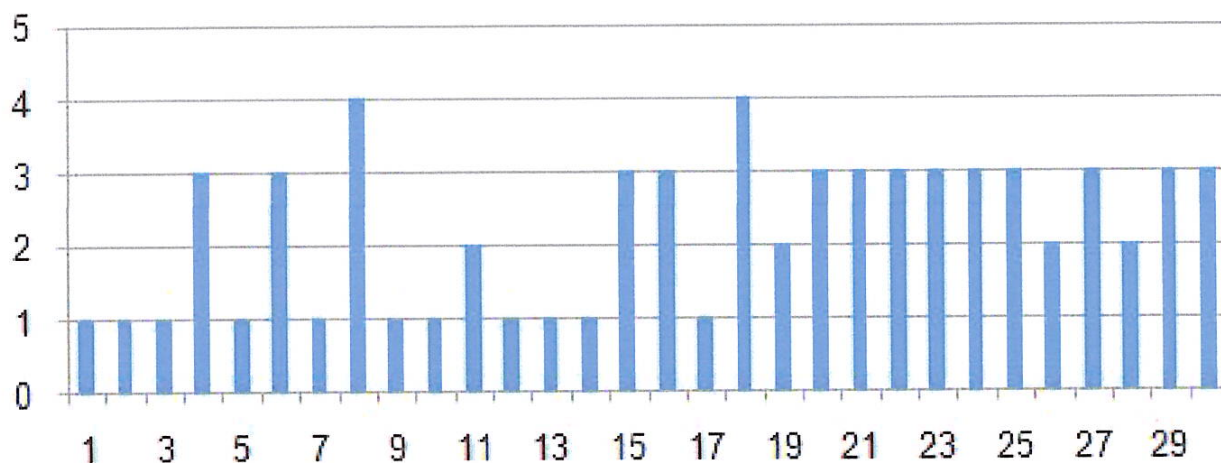
Department of **Business Administration**

Academic Year : **2018**

Alumni Feedback Analysis Report

Focus on Excellence

## The MBA Program has given me the confidence to go for higher studies



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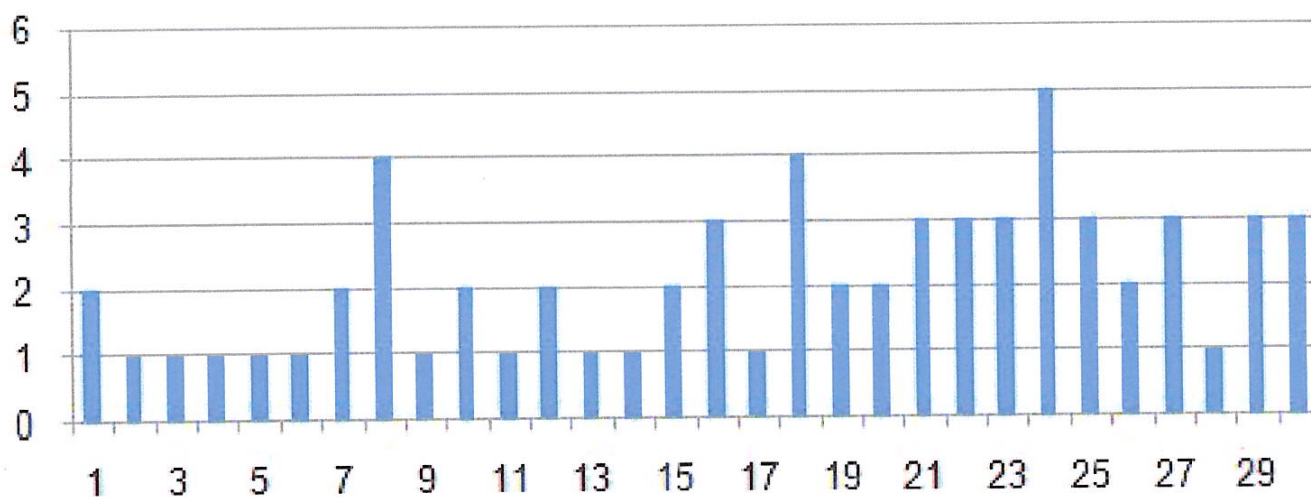
Department of **Business Administration**

Academic Year : **2018**

Alumni Feedback Analysis Report

Focus on Excellence

## The MBA Program has enabled entrepreneurial skills to develop in me



*M. Anoop*  
**PRINCIPAL**  
FEDERAL INSTITUTE OF  
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Alumni Feedback Analysis Report

Focus on Excellence

**1. Computational Knowledge:**

Apply knowledge of mathematics, computing fundamentals, principles of management, software engineering concepts and application development knowledge appropriate for the computing specialization

**2. Problem Analysis:**

Identify, formulate, design and develop applications to analyze and solve computer science related problems

**3. Design/Development of Solutions:**

Design and Evaluate a computer based system, components and process to meet the specific needs of applications on societal and environmental aspects

**4. Conduct investigations of complex Computing problems:**

Use appropriate review literatures, research methodologies, techniques and tools, design, conduct experiments, analyze and make inferences from the resulting data.

**5. Modern Tool Usage:**

Create, Select, Integrate and apply efficiently appropriate techniques, resources, and modern computing tools to solve complex problem, with an understanding of the limitations.

**6. Professional Ethics:**

Understand and work with a professional context pertaining to ethics with appropriate societal and cyber regulations in a global economic environment

**7. Life-long Learning:**

Recognize and develop the passion for a continued career development and progress as a computer professional

**8. Project management and finance:**

Apply the principles of management with computing knowledge to manage the projects effectively both as a team leader and team member on multidisciplinary environments

**9. Communication Efficacy:**

Communicate effectively with the computing community as well as society by being able to make effective presentations and design documentation with respect to appropriate standards.

**10. Societal and Environmental Concern:**

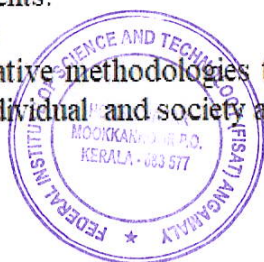
Ability to utilize the computing knowledge efficiently in projects to analyze the global and local impact of business solutions for societal, environmental, and cultural aspects

**11. Individual and Team Work:**

Develop the ability to act as a member or leader for the fulfillment of diverse teams in multidisciplinary environments.

**12. Innovation and Entrepreneurship:**

Develop and design innovative methodologies to create value as a successful entrepreneur and wealth for betterment of individual and society at large.



*Mawad*  
**PRINCIPAL**  
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Department of Computer Applications

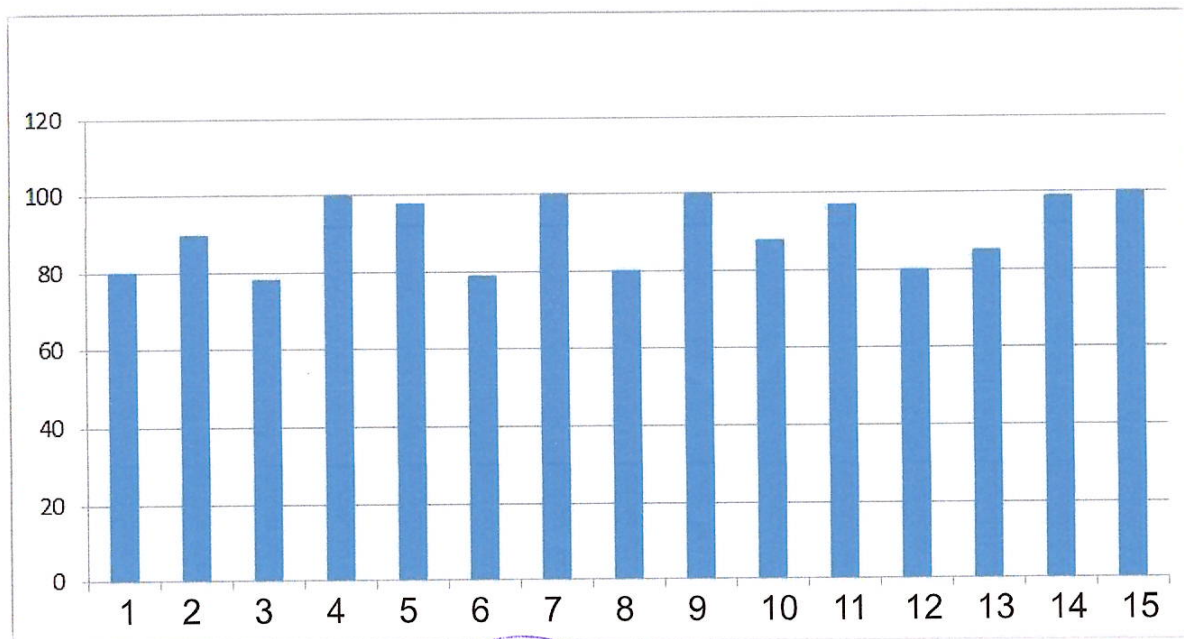
Academic Year : 2017-18

## Alumni Feedback Analysis Report

13. Able to apply Computing techniques and software technological concepts for devising effective software solutions with managers skills to work in a team as well as to lead a team.

14. Able to equip themselves with contemporary trends in industrial/research and academia, upholding ethical and social values.

15. FISAT keeping in touch with you since post graduation



*Manoj*  
**PRINCIPAL**  
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