

### 3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

Year	Name of the workshop/ seminar	Number of Participants	Date From – To
2022-23	Expert Lecture on Intellectual Property Right and Patent Information System	86	30/05/23
2022-23	Art and Science of Research Paper Writing	152	15/05/2023 to 19/05/2023
2022-23	Seminar on awareness of Entrepreneurship Development in the field of solar energy utilization, delivered by Dr. S.V.C Kameswara Rao, General Manager, ISRO, Nagpur	72	13-08-2022
2022-23	Guest lecture for 'Future in Recent Technology on IOT & Nano Electronics' delivered by Mr. Vipin Lade, Project Manager, MCED, Nagpur	68	06-09-2022
2022-23	Guest Lecture on the topics, of Maximum opportunities for future jobs	94	06-01-2023



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Department of Mechanical Engineering

Date: 05/04/2023

## Report

**Guest Lecture:** On "Intellectual Property Right and Patent Information System"

**Introduction:** The department of Mechanical Engineering has organized a Guest Lecture on "Intellectual Property Right and Patent Information System" by Mrs. Chhaya Satpute, Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur.

**Aim:** To focus on necessity aspects of IPR and its overall idea of IPR.

### Objective:

1. Clear idea of IPR with definition, customization requirement, inventions, new product and copyrights.
2. Finding the need of IPR like knowledge of IPR, patents, copyrights, trade mark and filing
3. Understanding the difference between patents and copyrights with number of examples.
4. Understanding the overall idea of IPR like from design of model, research paper idea, area of patents, duration of patents and copyrights.

### Lecture Details:

The Programme is organized on 03 April 2023. The introduction and brief about the IPR with Guest Lecture started at 11.20 am and ends at 1.10 pm on same day.

He emphasized her lecture directing the students to overall idea of IPR with definition, customization requirement, inventions, new product and copyrights.

### Mapping of lecture with POs:

1. Engineering knowledge (POs1)
2. Problem analysis (POs2)
3. Modern Tool Usage (POs5)
4. Lifelong learning (POs12)

### Outcomes of Lecture:



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## Department of Mechanical Engineering



Expert deliver presentation to the students



Attention of students toward guest lecture



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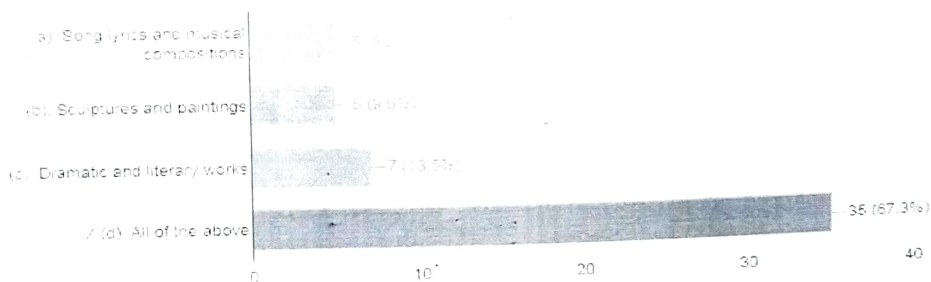


## Department of Mechanical Engineering

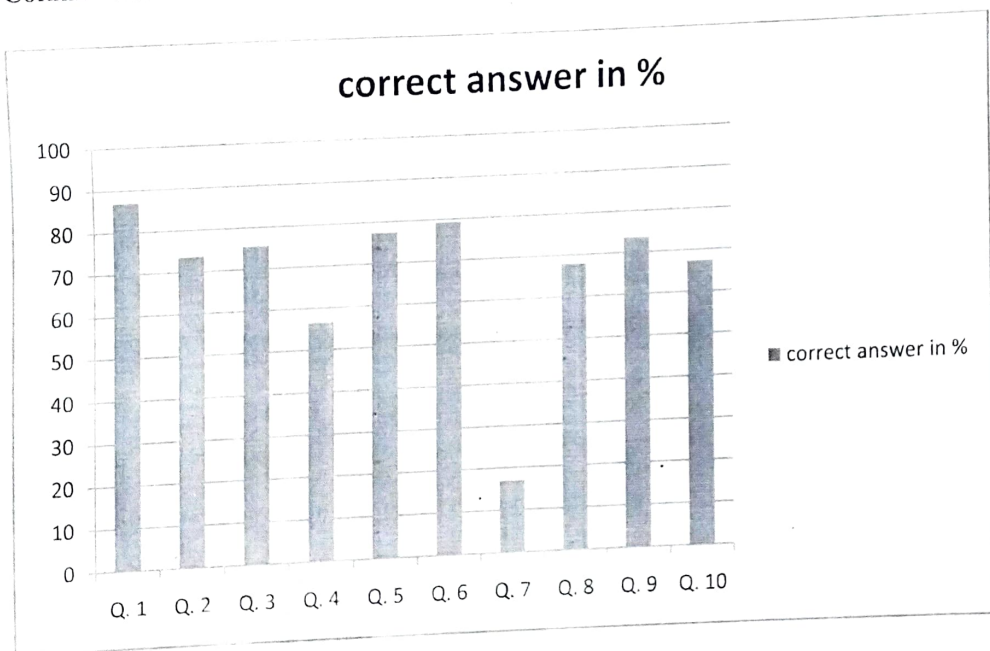
10 Copyright law applies to forms of expression contained in:-

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35 / 52 correct responses



Column chart for correct answer of question for 53 responses



Correct answer in % range 80-100 (3), 60-80 (2) and below 60(1)



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## **Entrepreneurship Development Cell**

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**Date: 06/09/2022**

### **Aim of Program:**

The purpose of Organizing this Seminar on the Topic of “ **Future in Recent Technology on IOT & Nano Electronics**”

### **Objective of Program:**

- To understand the skill and knowledge about Entrepreneurship of different domains.
- Students Will Analyze, Create its own idea for start up Business.

### **Introduction of Program:**

A Seminar on “Future in Recent Technology on IOT & Nano Electronics” by an expert Chief Guest Hon’ble Mr. Vipin Lade, Project manager, MCED Nagpur, on 6-9-2022 at 1:30 PM for the 3<sup>rd</sup> year and 4<sup>th</sup> year students. The EDC cell will Inculcate entrepreneurship ability among students and facilities also emerging business like Micro, Small & Medium Enterprise (MSME). The session of EDC graced by the Honorable Chief Guest of today’s seminar Mr. Vikrant Mahajan, The Objective and purpose of EDC brief by Honorable Principal, AGPCE Prof.(Dr.)Prashant Kadu, and also enlightened the participants about the importance of Entrepreneurship in Society and creating globally competitive employable youth.

Mr.Vipin Lade delivered his seminar by using Power point presentation and made session very interactive. Around 90+ students beneficated the seminar. Speaker said that the principal purpose of Entrepreneursip is that the ability to develop in the student to face global challenges to Start up a New Bussiness with a New Idea. Major competencies that student face on implementing an New Idea is that, Idea is really going to successful or Not ?. Student first think and classify their Idea into Category like whether it Idea is useful for Software Industry or Manufacturing Industry, Next To implement New Idea students should gather all relevant information such as Market Research, Technology upgradation, Plan for Execution, Marketing strategies. Today’s Software Sector is in Boom to Implement your idea and become an Entrepreneur. First The key skills required to become an Entrepreneur, is to start your Business as early as possible and Second think to serve for the society with your valuable Products. Further Mr.Vipin Lade said that Engineers are the bulding blocks of Technology, with their innovative and creative skills they bring new revolution in technology. To be an entrepreneur students must gain from academic the



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### **Entrepreneurship Development Cell**

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abilities of Leadership, Relationship Maintenance, Resources handling, Grievance Handling ,valuable services to customers ,Understanding the needs of Customers , Understanding Competencies in Global Market, The success of the program goes to the efforts put by The EDC cell coordinator ,EDC students and Hole program Anchored by Miss. Ishika Bhatt (ECE student & EDC student coordinator),Vote of thanks given by Prof. Rahul Dhuture.

#### **Program Educational Objectives Attained:**

PE01: Apply basic fundamentals of engineering discipline to build a sound Idea.

PE02: Analyze and Solve the Idea deficiencies relevant to new business.

PE03: Get exposure of technology up gradation and adequate skills required.

PE04: Channelize Idea into practical business Model.

PE05: Acquire Business ethics and concern to serve for society.

#### **Program Outcomes (Pos) Attained:**

PO1: Engineering Knowledge

PO2: Problem Analysis

PO3: Design/Development of New Idea

PO4: Conduct Investigation of Grievance in Business Model

PO6: The Engineer and society

PO7: Environment and sustainability

PO8: Ethics

PO10: Communication

PO12: Lifelong learning competencies and improvement in product



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## Conclusion:

The seminar was Resourceful learning and interactive session between Expert speaker and students. Students gather lots of information about how to become an Entrepreneur with new business idea. Students motivated towards self-employability and serving the Society with this approach conducted by EDC Cell.

## Glimpses of Seminar:



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**CODE**  
**4151**



Organized by:  
**EDC CELL**

**Mr. Vipin Lade**  
Project Manager, MCED, Nagpur



**Date:- 06/09/2022 Time-1:30 PM**

Dr. Geeta Padole-Gaikwad  
Principal

Prof. Sandeep Gaikwad  
Treasurer, GPGI

Dr. Mohan Gaikwad-Patil  
Chairman, GPG

Prof. Pragati Patil  
Vice-Principal

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**Delivered Seminar by Chief guest Hon'ble Mr. Vipin Lade, Project manager, MCED Nagpur,  
Dated.06/09/2022**



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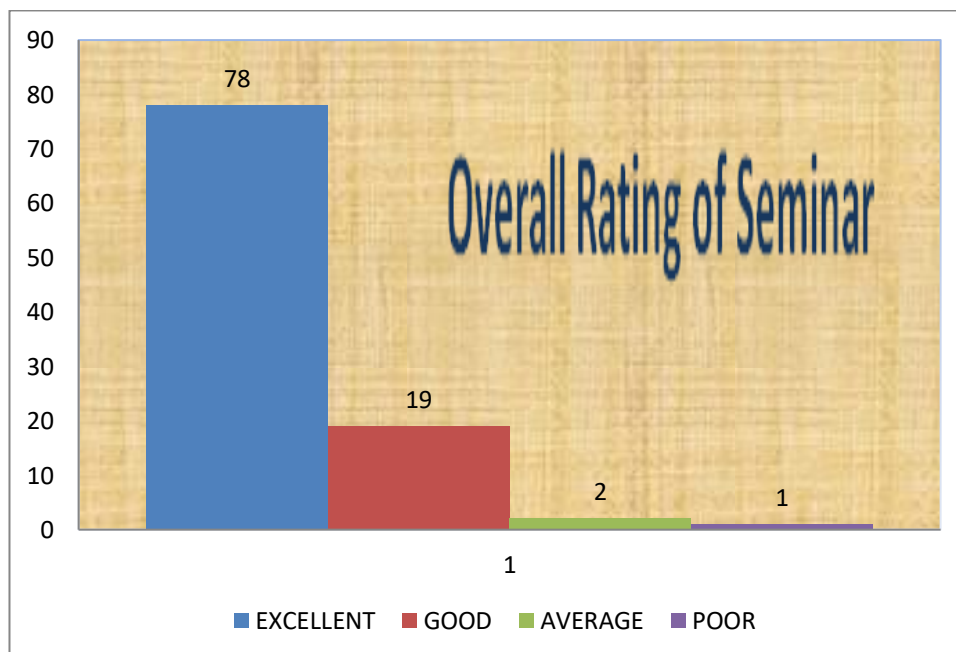
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### Outcome of Seminar:

1. Students will get skill and knowledge about Entrepreneurship of different domains.
2. Student will become Entrepreneur.
3. Students will analyze, create its own idea for start up business.

### Feedback Analysis of Seminar:





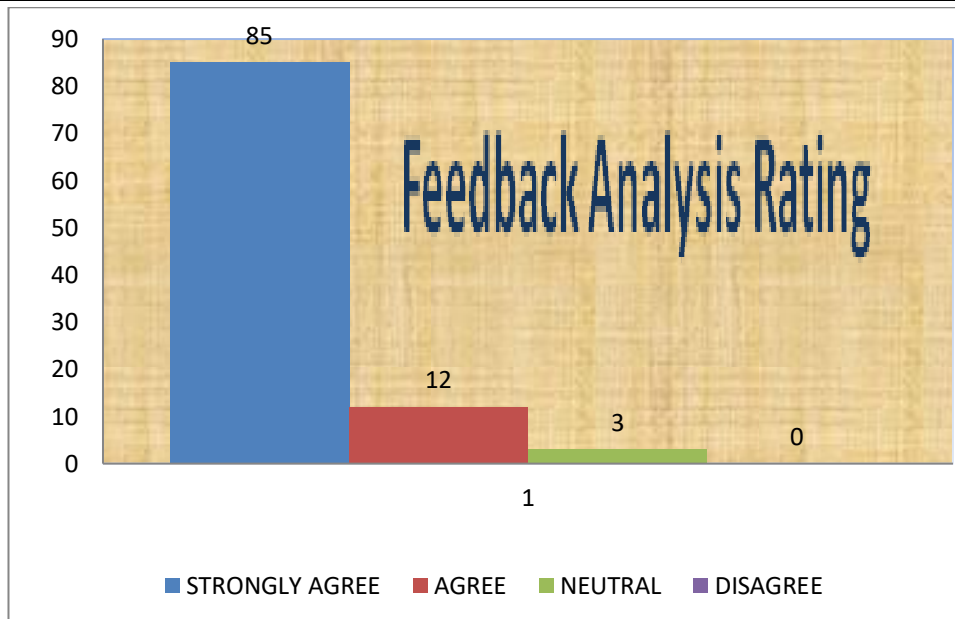
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**Prof. Rahul Dhutire**  
**EDC Cordinator**



## **Report**

**Guest Lecture:** On “Maximum opportunities for future jobs”

**Introduction:** The department of Mechanical Engineering has organized a Guest Lecture on “Maximum opportunities for future jobs” by Mr. Mayur Dongare, AIR Vision Infinity Pvt. Ltd., State Manager - Maharashtra & Goa.

**Aim:** To focus on necessity aspects of Young Engineers and its overall idea of Young Engineers.

**Objective:**

1. Clear idea of development of an engineer is expected to multitask in his organization.
2. Finding scope and solution in while an engineer plays the leader to his teammates, he may simultaneously be expected to handle client queries.
3. Also focus on an ordinary engineer who lacks the ability to handle many tasks at a time may fail to cope with these industry expectations.
4. New career options originate as industries adapt to the changes in the market or the world in general. The career options available today may evolve into different roles, creating more opportunities in the future.

**Lecture Details:**

The Programme is organized on 1st June 2023. The introduction and brief about the Maximum opportunities for future jobs with Guest Lecture started at 2.30 pm and ends at 4.10 pm on same day.

He emphasized her lecture directing the students to overall idea of Maximum opportunities for future jobs.

**Mapping of lecture with POs:**

1. Engineering knowledge (PO 1)
2. Problem analysis (PO 2)
3. Modern Tool Usage (PO 5)
4. Ethics (PO 8)



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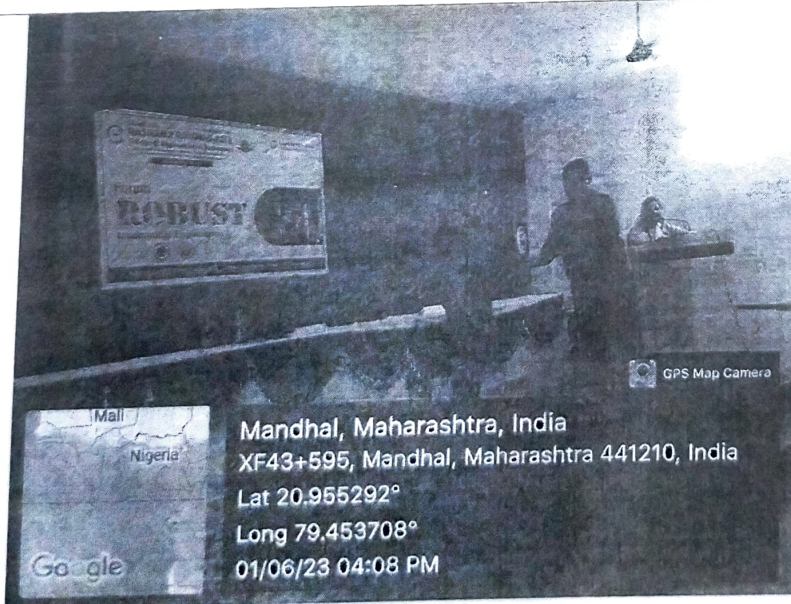
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## Department of Mechanical Engineering



Guest lecture anchor and welcome kit



Presentation of G momeyto Mr. Mayur Dongare

Program Coordinator

HOD (ME)

Department of Mechanical Engineering  
Tulsiramji Gaikwad Patil College of  
Engineering & Technology, NAGPUR



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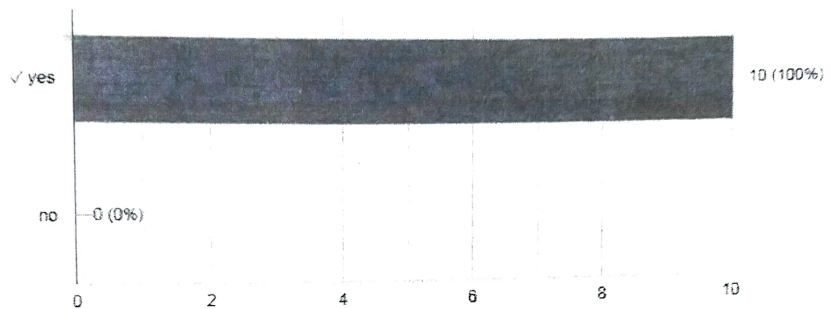
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## Department of Mechanical Engineering

4. Was the communication of speaker understandable ?

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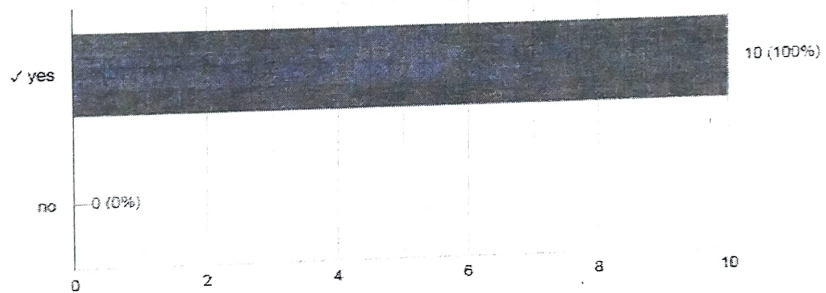
10 / 10 correct responses



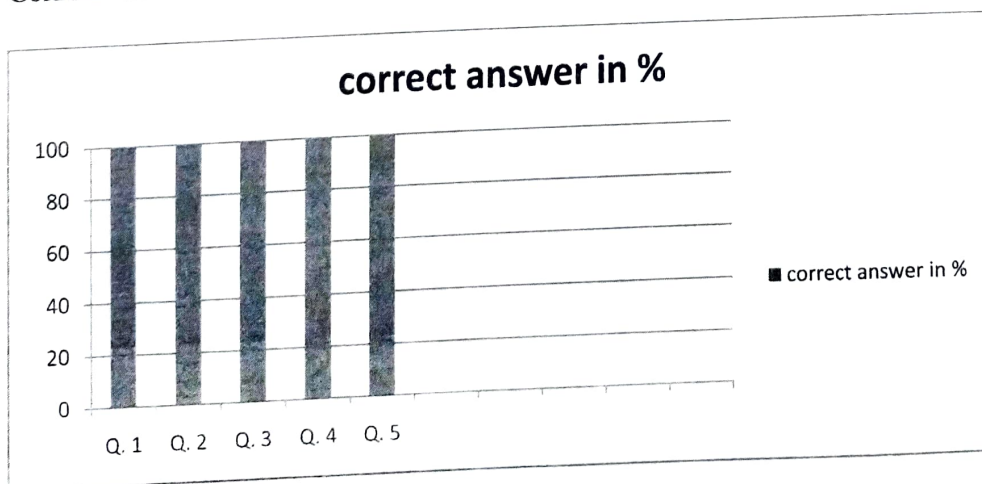
5. Will students ready to keep long term relationship with the speaker ?

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10 / 10 correct responses



Column chart for correct answer of question for 10 responses





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## **Entrepreneurship Development Cell**

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### **Entrepreneurship Development Cell**

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Project Manager, MCED, Nagpur



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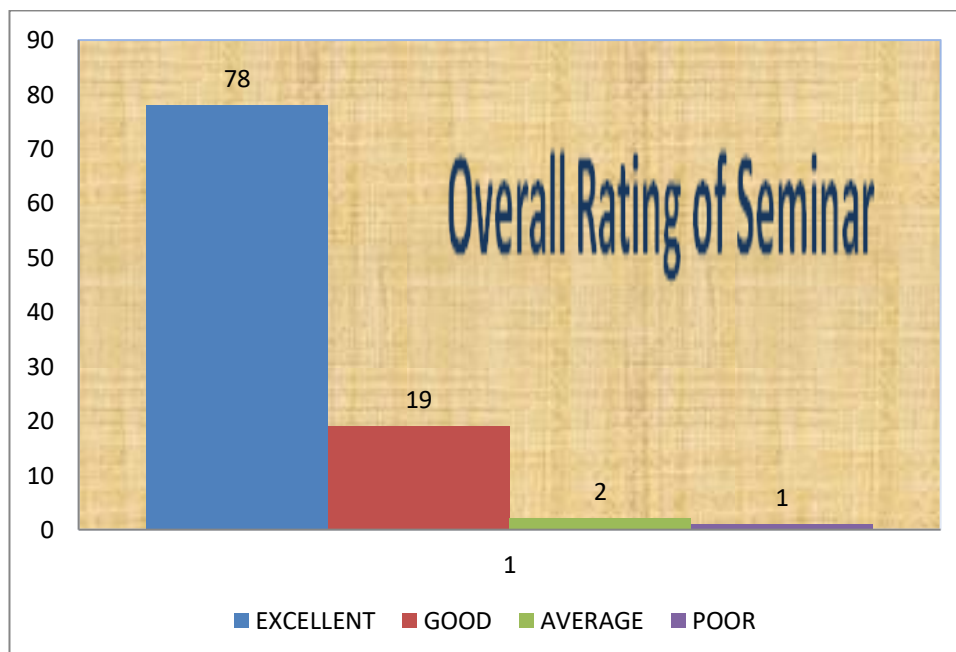
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### Outcome of Seminar:

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### Feedback Analysis of Seminar:





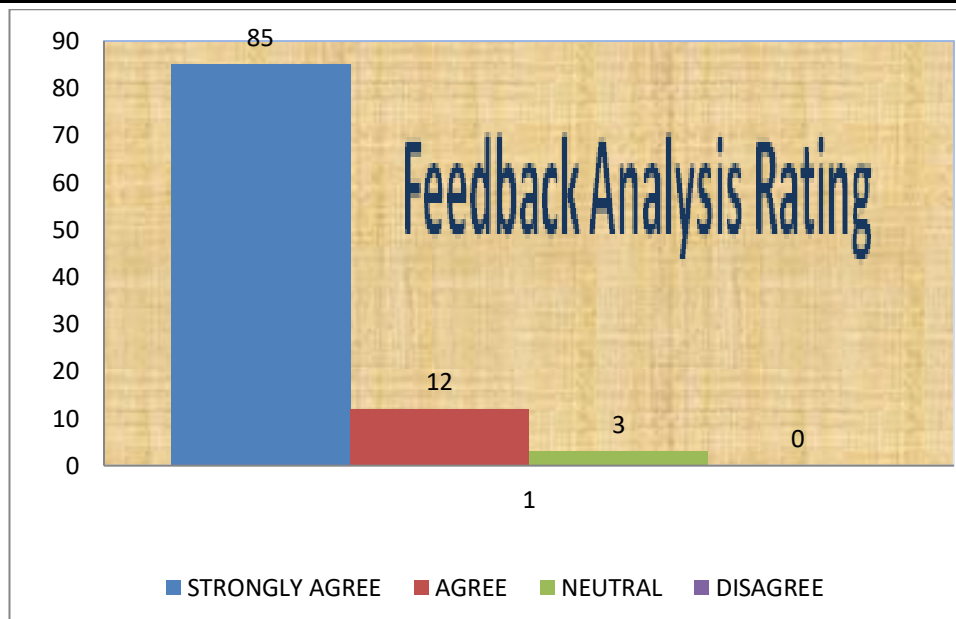
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