

Department of Mechanical Engineering

**PROGRAM EXIT SURVEY**

This exit survey is an assessment tool prepared to evaluate the outcomes Mechanical Engineering students who just recently graduated from MECH programme at GMR Institute of Technology

[1] **Personal Information**

Name of the Graduate :  
Regd. No. :  
Year of Graduation :  
Contact Number :  
Email ID :  
Address :

[2] **Outcome Achieved after Completing the MECH Program**

(Please rate your achievement)

1. Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.  
Strongly Disagree    1    2    3    4    5    Strongly Agree
2. Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.  
Strongly Disagree    1    2    3    4    5    Strongly Agree
3. 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.  
Strongly Disagree    1    2    3    4    5    Strongly Agree
4. 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.  
Strongly Disagree    1    2    3    4    5    Strongly Agree
5. Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.  
Strongly Disagree    1    2    3    4    5    Strongly Agree
6. 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.  
Strongly Disagree    1    2    3    4    5    Strongly Agree
7. Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.  
Strongly Disagree    1    2    3    4    5    Strongly Agree
8. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.  
Strongly Disagree    1    2    3    4    5    Strongly Agree
9. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.  
Strongly Disagree    1    2    3    4    5    Strongly Agree
10. 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.  
Strongly Disagree    1    2    3    4    5    Strongly Agree

11. 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.

**Strongly Disagree**    1    2    3    4    5    **Strongly Agree**

12. 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.

**Strongly Disagree**    1    2    3    4    5    **Strongly Agree**

13. Demonstrate the knowledge and application of three dimensional modeling, analysis and simulation in mechanical engineering systems.

**Strongly Disagree**    1    2    3    4    5    **Strongly Agree**

14. Demonstrate the knowledge and application of advanced techniques in manufacturing.

**Strongly Disagree**    1    2    3    4    5    **Strongly Agree**

[3] **Education Experience**(please kindly encircle your choice)

1. Does the department of MECH satisfy your expectations?

**Strongly Disagree**    1    2    3    4    5    **Strongly Agree**

2. Do you think that the department of MECH prepared you for employment in your core area?

**Strongly Disagree**    1    2    3    4    5    **Strongly Agree**

3. Does the curriculum of MECH satisfy your academic requirements to compete with other graduates of the same program in other institutions?

**Strongly Disagree**    1    2    3    4    5    **Strongly Agree**

4. Are you satisfied with the use of modern engineering tools and engineering codes of practice related MECH during your course of study?

**Strongly Disagree**    1    2    3    4    5    **Strongly Agree**

5. Are you satisfied with the teaching methodology and content delivery of MECH program?

**Strongly Disagree**    1    2    3    4    5    **Strongly Agree**

6. Do you think that the MECH program have given you an exposure to R &D activities?

**Strongly Disagree**    1    2    3    4    5    **Strongly Agree**

7. Are you confident enough that the MECH program has prepared you to practice as a professional Electrical Engineering after 3 years from now?

**Strongly Disagree**    1    2    3    4    5    **Strongly Agree**

8. Are you satisfied with the faculty competency?

**Strongly Disagree**    1    2    3    4    5    **Strongly Agree**

9. Do you recommend the MECH program of GMRIT to others?

YES | NO

[4] **Future Plan of Action** (please kindly tick your choice)

- a. Do you have any current job offer?

YES | NO

- b. Have you planned for higher studies?

YES | NO

[5] **Do you have any suggestions for quality improvement of MECH Program?**

SIGNATURE

Department of Mechanical Engineering

## PROGRAM EXIT SURVEY

This exit survey is an assessment tool prepared to evaluate the outcomes Mechanical Engineering students who just recently graduated from MECH programme at GMR Institute of Technology

**[1] Personal Information**

Name of the Graduate : **A. Nilesh**  
 Regd. No. : **15341A0301**  
 Year of Graduation : **2019**  
 Contact Number : **7993919020**  
 Email ID : **nilesh.atmakuri@gmail.com**  
 Address : **bhapur bazar, Near Mahila police station, berhampur, Odisha, Pin - 760001.**

**[2] Outcome Achieved after Completing the MECH Program**  
(Please rate your achievement)

1. Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.  

<b>Strongly Disagree</b>	1	2	<b>3</b>	4	5	<b>Strongly Agree</b>
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2. Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.  

<b>Strongly Disagree</b>	1	<b>2</b>	3	4	5	<b>Strongly Agree</b>
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YES | NO

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a. Do you have any current job offer?

YES | NO

b. Have you planned for higher studies?

YES | NO

[5] Do you have any suggestions for quality improvement of MECH Program?

I think all the students and faculty should concentrate more on GATE. Not simple way to do that i.e. improve the Q.Papers Quality in Mid terminals and Semester exams, then automatically students will develop.

Arun Kumar  
12/10/19  
SIGNATURE