



Vel Tech Multi Tech

Dr.Rangarajan Dr.Sakunthala Engineering College



Graduate Exit Survey 2021-2022

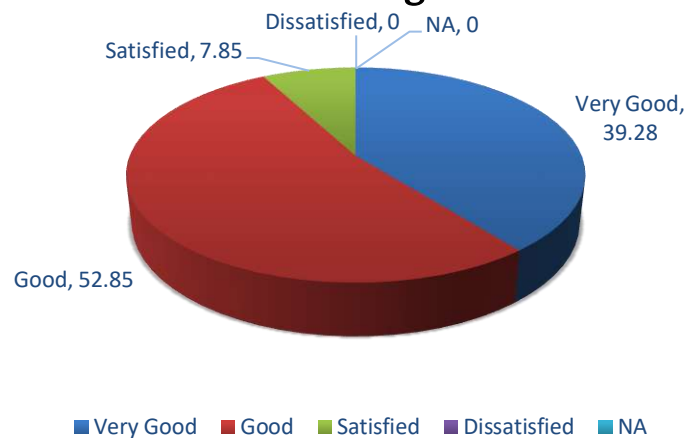
| Infrastructure Development (361 Samples) | | | | | | |
|--|-----------------------|-----------|------|-----------|--------------|----|
| S.No | Criteria | Very Good | Good | Satisfied | Dissatisfied | NA |
| 1 | Buildings | 142 | 191 | 28 | 0 | 0 |
| 2 | Library Resources | 152 | 188 | 21 | 0 | 0 |
| 3 | Computer Facilities | 155 | 181 | 26 | 0 | 0 |
| 4 | Maintenance of campus | 152 | 175 | 34 | 0 | 0 |

| Infrastructure Development (361 Samples) (%) | | | | | | |
|--|-----------------------|-----------|-------|-----------|--------------|----|
| S.No | Criteria | Very Good | Good | Satisfied | Dissatisfied | NA |
| 1 | Buildings | 39.29 | 52.86 | 7.86 | - | - |
| 2 | Library Resources | 42.14 | 52.14 | 5.71 | - | - |
| 3 | Computer Facilities | 42.86 | 50.00 | 7.14 | - | - |
| 4 | Maintenance of campus | 42.14 | 48.57 | 9.29 | - | - |

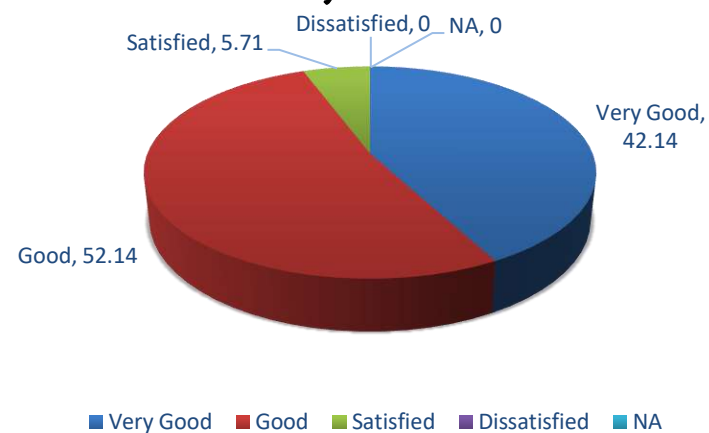
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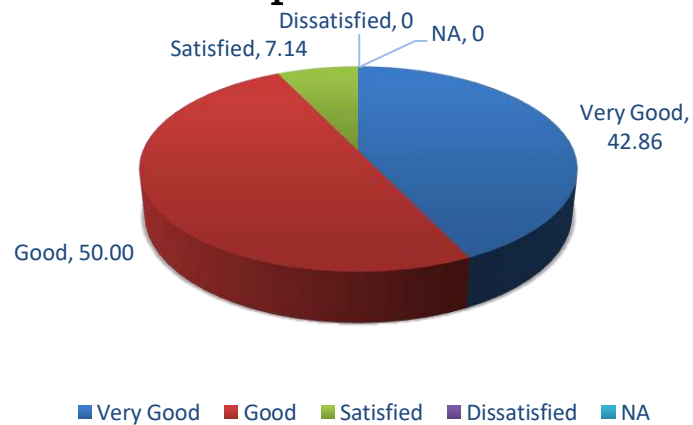
Buildings



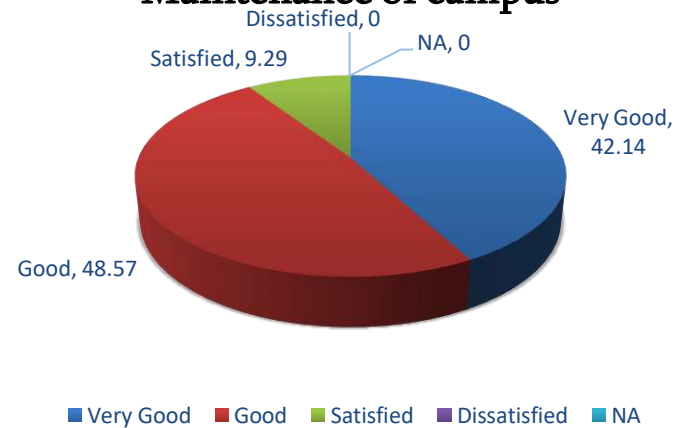
Library Resources



Computer Facilities



Maintenance of campus



| Graduate Exit Survey (361 Samples) | | | | |
|------------------------------------|---|-------|------------|----------|
| S.NO | Particulars | Agree | No Opinion | Disagree |
| 1 | Communicate Effectively | 312 | 44 | 5 |
| 2 | Function effectively as an individual and as a member/leader in-diverse teams. | 307 | 49 | 5 |
| 3 | Commit to professional and ethical responsibilities. | 278 | 72 | 10 |
| 4 | Apply knowledge on mathematics,science and engineering | 304 | 52 | 5 |
| 5 | Apply engineering techniques and skills. | 330 | 21 | 10 |
| 6 | Identify,formulate,and solve problems. | 299 | 54 | 8 |
| 7 | Conduct investigations and provide valid conclusions. | 297 | 57 | 8 |
| 8 | Analyze and interpret data. | 307 | 54 | 0 |
| 9 | Design/develop solutions meeting their requirments. | 307 | 46 | 8 |
| 10 | Understand societal impact of engineering solutions & Issues. | 320 | 28 | 13 |
| 11 | Use modern engineering equipment, software, tools or technology for design and development. | 322 | 36 | 3 |
| 12 | Recognize the need for lifelong learning and stay relevant in the profession | 327 | 34 | 0 |

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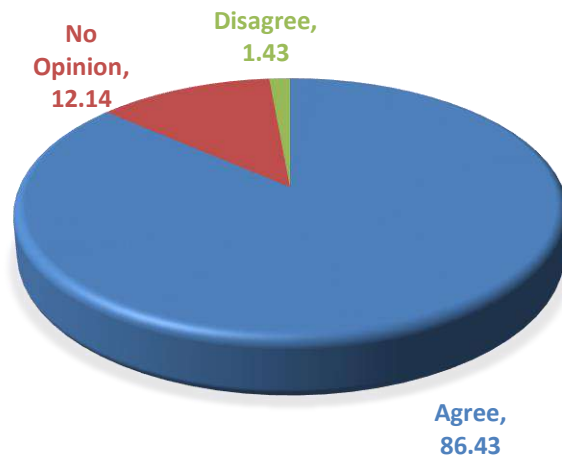
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| Graduate Exit Survey (361 Samples) (%) | | | | |
|--|---|-------|------------|----------|
| S.NO | Particulars | Agree | No Opinion | Disagree |
| 1 | Communicate Effectively | 86.43 | 12.14 | 1.43 |
| 2 | Function effectively as an individual and as a member/leader in-diverse teams. | 85.00 | 13.57 | 1.43 |
| 3 | Commit to professional and ethical responsibilities. | 77.14 | 20.00 | 2.86 |
| 4 | Apply knowledge on mathematics,science and engineering | 84.29 | 14.29 | 1.43 |
| 5 | Apply engineering techniques and skills. | 91.43 | 5.71 | 2.86 |
| 6 | Identify,formulate,and solve problems. | 82.86 | 15.00 | 2.14 |
| 7 | Conduct investigations and provide valid conclusions. | 82.14 | 15.71 | 2.14 |
| 8 | Analyze and interpret data. | 85.00 | 15.00 | 0.00 |
| 9 | Design/develop solutions meeting their requirments. | 85.00 | 12.86 | 2.14 |
| 10 | Understand societal impact of engineering solutions & Issues. | 88.57 | 7.86 | 3.57 |
| 11 | Use modern engineering equipment, software, tools or technology for design and development. | 89.29 | 10.00 | 0.71 |
| 12 | Recognize the need for lifelong learning and stay relevant in the profession | 90.71 | 9.29 | 0.00 |

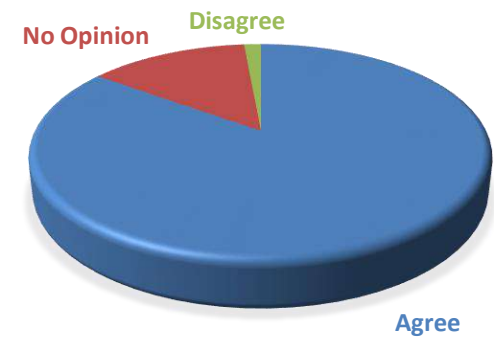
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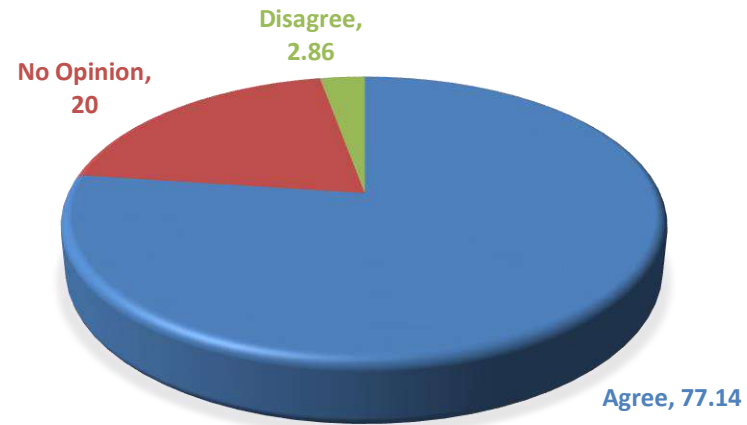
COMMUNICATE EFFECTIVELY



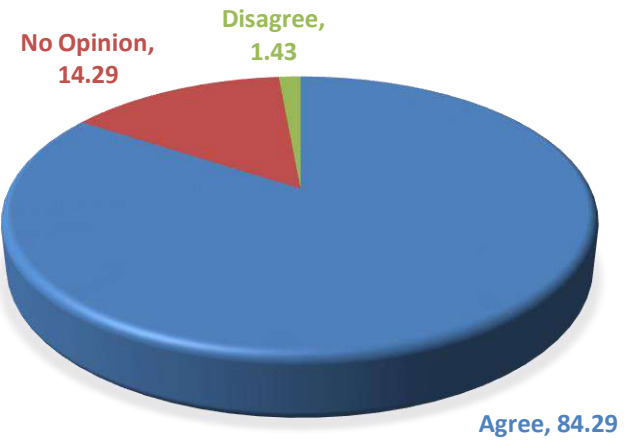
FUNCTION EFFECTIVELY AS AN INDIVIDUAL AND AS A MEMBER/LEADER IN-DIVERSE TEAMS.



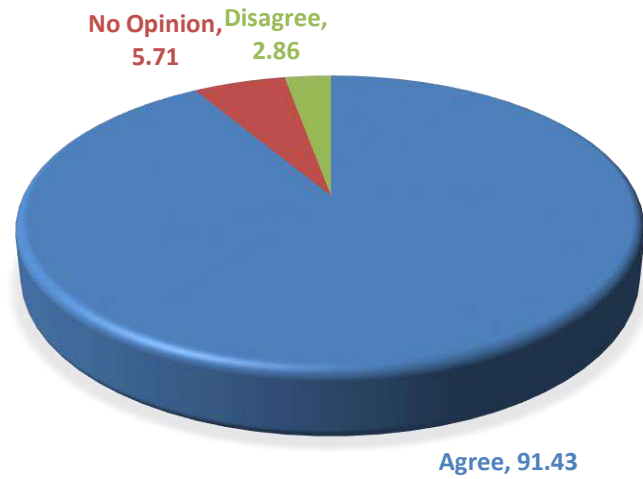
COMMIT TO PROFESSIONAL AND ETHICAL RESPONSIBILITIES.



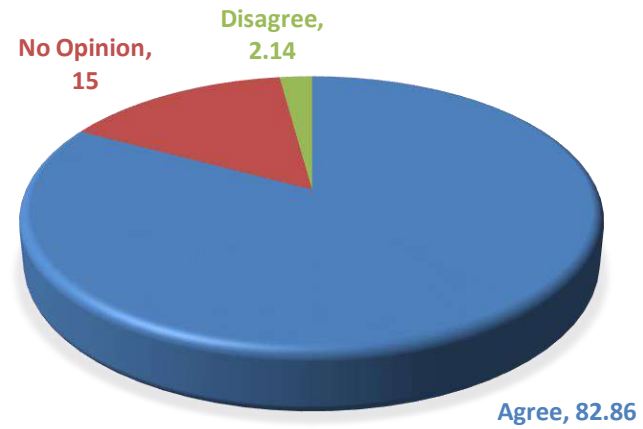
APPLY KNOWLEDGE ON MATHEMATICS, SCIENCE AND ENGINEERING



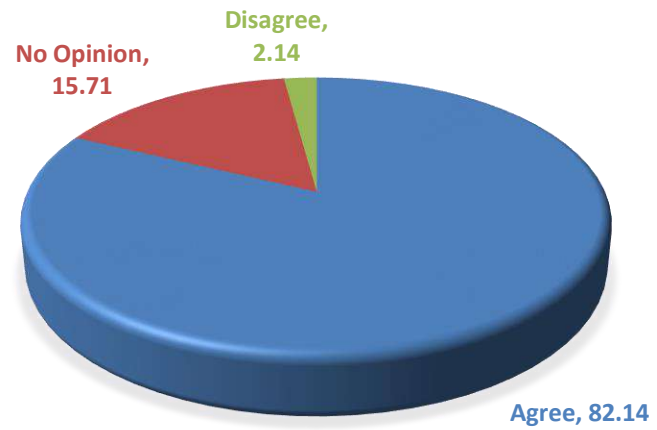
APPLY ENGINEERING TECHNIQUES AND SKILLS.



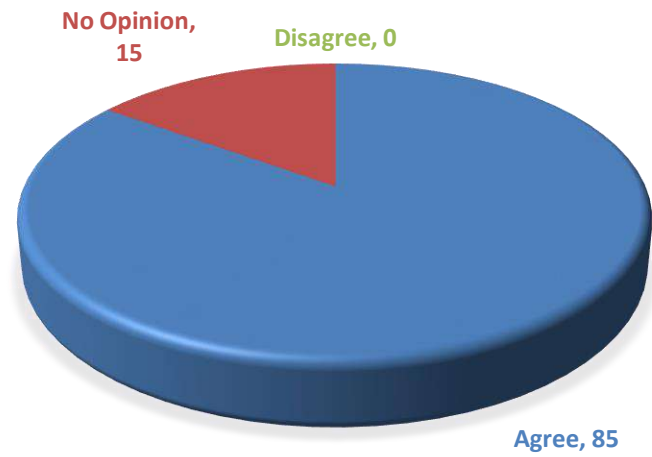
IDENTIFY, FORMULATE, AND SOLVE PROBLEMS.



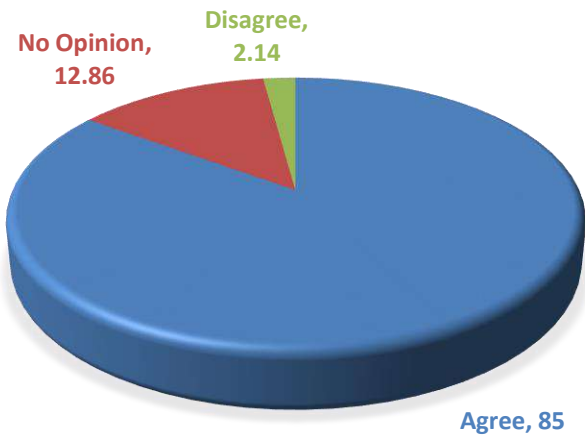
CONDUCT INVESTIGATIONS AND PROVIDE VALID CONCLUSIONS.



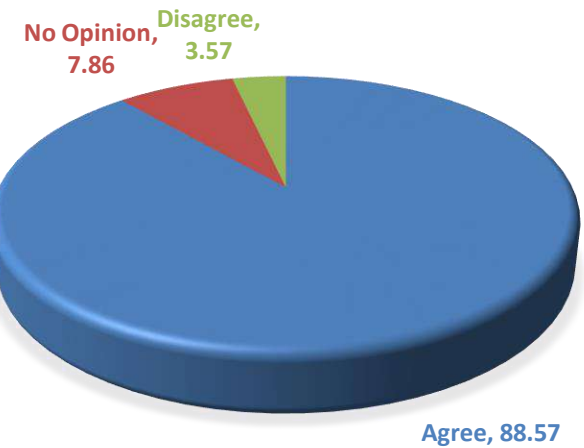
ANALYZE AND INTERPRET DATA.



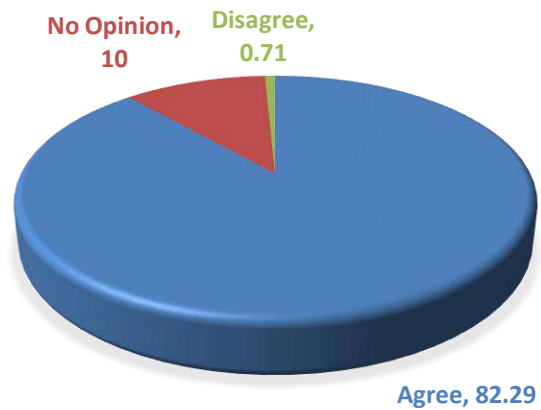
DESIGN/DEVELOP SOLUTIONS MEETING THEIR REQUIRMENTS.



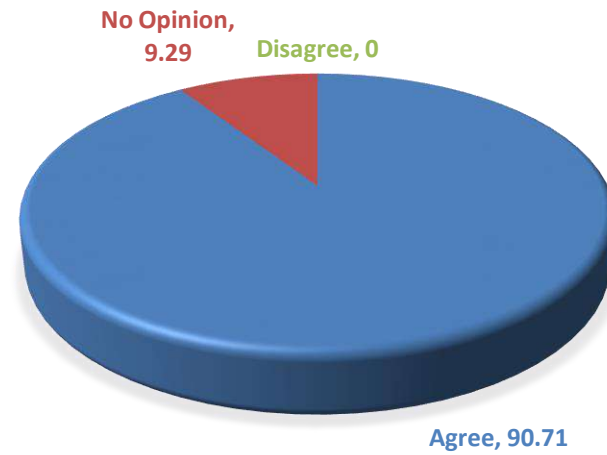
UNDERSTAND SOCIETAL IMPACT OF ENGINEERING SOLUTIONS & ISSUES.



**USE MODERN ENGINEERING
EQUIPMENT, SOFTWARE, TOOLS
OR TECHNOLOGY FOR DESIGN AND
DEVELOPMENT.**



**RECOGNIZE THE NEED FOR
LIFELONG LEARNING AND STAY
RELEVANT IN THE PROFESSION**



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Dr.Rangarajan Dr.Sakunthala Engineering College

An Autonomous Institution

DEPARTMENT OF MECHANICAL ENGINEERING

GRADUATE EXIT SURVEY ON PROGRAMME

Evaluation of Undergraduate Experience:

The list below contains some abilities and types of knowledge that may be developed in a B.E. Degree Program. Please indicate the extent abilities and types of knowledge in each capacity were enhanced by you at VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE.

Name : Naveen Kumar . T

Date : 18/10/22

Register Number : 113118114023

| Your Responses below are for the purpose of Evaluation | | | | | | | |
|--|--|------------------------------------|---|------------|---|----------|--|
| 3 – Excellent | | 2- Good | | 1 –Average | | 0 – Poor | |
| S.No. | Question Text | Extent enhanced by VTMT Experience | | | | | |
| | | 3 | 2 | 1 | 0 | | |
| 1 | I can use my knowledge in mathematics science and engineering for practical purposes. <i>(Engineering Knowledge)</i> | ✓ | | | | | |
| 2 | I can identify, plan and solve engineering problems. <i>(Problem Analysis)</i> | | ✓ | | | | |
| 3 | I can use my engineering knowledge to create something new according to the needs. <i>(Design and Development of Solutions)</i> | | 7 | | | | |
| 4 | I can judge the situation and choose alternative solution to a problem when necessary. <i>(Investigation of Complex Problems)</i> | 7 | | | | | |
| 5 | I can use the necessary techniques, skills and modern engineering tools available at the time for engineering practice. <i>(Modern Tool Usage)</i> | | 7 | | | | |
| 6 | I can understand current affairs such as politics, socio-economic issues well. <i>(Engineer and Society)</i> | 7 | ✓ | | | | |
| 7 | I can identify and analyze social and environmental aspects of engineering activities <i>(Environmental Sustainability)</i> | | ✓ | | | | |
| 8 | I can understand my professional and ethical responsibilities. <i>(Ethics)</i> | ✓ | | | | | |

| | | | | | |
|---|---|---|---|--|--|
| 9 | I can able to confidently lead and supervise diverse teams, fostering effective collaboration among individuals from various departments and disciplines. <i>(Team Work)</i> | 7 | | | |
| 10 | I am proficient in effectively expressing my theoretical ideas in written English, and I can articulate my thoughts on a subject orally with ease. <i>(Communication)</i> | | 7 | | |
| 11 | I can use the basic business financial management concepts in the planning, budgeting and allocation of resources in engineering projects. <i>(Project Management and Finance)</i> | | 7 | | |
| 12 | I can continuously learn the developments in my subjects throughout my life and new subjects on my own. <i>(Life Long Learning)</i> | 7 | | | |
| 13 | Rate your understanding of the principles and working mechanisms of machines that you have gained through your coursework <i>(Foundation of Mechanics of Machines)</i> | 7 | | | |
| 14 | Rate your familiarity and practical competence with machines, as well as your knowledge of the design process. <i>(Foundations of Mechanical development and Technical Skills)</i> | 7 | | | |
| 15 | Rate your ability to apply knowledge across various domains to identify research gaps and provide innovative solutions in the field of Mechanical Engineering. <i>(Applications of Innovative ideas for Machines)</i> | | 7 | | |
| Please offer any other additional comments for improvement of the programme | | | | | |
| | | | | | |

VISION OF THE DEPARTMENT

- To become a centre of eminence in educating students to become triumphant mechanical engineers.

MISSION OF THE DEPARTMENT

- To endue the students with the fundamentals of mechanical engineering with a passion for lifelong learning of industry practices.
- To propagate lifelong learning.
- To impart the right proportion of knowledge blended with attitudes and ethics in students to enable them take up positions of responsibility in the society and make significant contributions.

PROGRAMME EDUCATIONAL OBJECTIVES(PEO'S)

- Graduates will apply their knowledge and skills to solve the problems in the field of Mechanical Engineering occurring in industries and transportation
- Graduates of the programme will find employment as Mechanical engineers in engineering and business or will be admitted for higher studies
- Graduates of the programme will solve problem with professionalism
- Graduates will be taught and exposed to the emerging technologies to cope up with technological obsolescence

Nann Kumar
SIGNATURE

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Name : Pradeep.k.

Date : 18/10/2022

Register Number : 113118114024

| Your Responses below are for the purpose of Evaluation | | | | | | | |
|--|--|------------------------------------|---|------------|---|----------|--|
| 3 – Excellent | | 2- Good | | 1 –Average | | 0 – Poor | |
| S.No. | Question Text | Extent enhanced by VTMT Experience | | | | | |
| | | 3 | 2 | 1 | 0 | | |
| 1 | I can use my knowledge in mathematics science and engineering for practical purposes. <i>(Engineering Knowledge)</i> | ✓ | | | | | |
| 2 | I can identify, plan and solve engineering problems. <i>(Problem Analysis)</i> | | ✓ | | | | |
| 3 | I can use my engineering knowledge to create something new according to the needs. <i>(Design and Development of Solutions)</i> | | ✓ | | | | |
| 4 | I can judge the situation and choose alternative solution to a problem when necessary. <i>(Investigation of Complex Problems)</i> | ✓ | | | | | |
| 5 | I can use the necessary techniques, skills and modern engineering tools available at the time for engineering practice. <i>(Modern Tool Usage)</i> | ✓ | | | | | |
| 6 | I can understand current affairs such as politics, socio-economic issues well. <i>(Engineer and Society)</i> | | ✓ | | | | |
| 7 | I can identify and analyze social and environmental aspects of engineering activities <i>(Environmental Sustainability)</i> | ✓ | | | | | |
| 8 | I can understand my professional and ethical responsibilities. <i>(Ethics)</i> | | ✓ | | | | |

| | | | | | |
|---|---|---|---|--|--|
| 9 | I can able to confidently lead and supervise diverse teams, fostering effective collaboration among individuals from various departments and disciplines. (<i>Team Work</i>) | ✓ | | | |
| 10 | I am proficient in effectively expressing my theoretical ideas in written English, and I can articulate my thoughts on a subject orally with ease. (<i>Communication</i>) | ✓ | | | |
| 11 | I can use the basic business financial management concepts in the planning, budgeting and allocation of resources in engineering projects. (<i>Project Management and Finance</i>) | | ✓ | | |
| 12 | I can continuously learn the developments in my subjects throughout my life and new subjects on my own. (<i>Life Long Learning</i>) | ✓ | | | |
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Name : *Praveen. T*

Date : *18-10-2022*

Register Number : *113118114025*

| Your Responses below are for the purpose of Evaluation | | | | | | | |
|--|--|------------------------------------|---|------------|---|----------|--|
| 3 – Excellent | | 2- Good | | 1 –Average | | 0 – Poor | |
| S.No. | Question Text | Extent enhanced by VTMT Experience | | | | | |
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| 4 | I can judge the situation and choose alternative solution to a problem when necessary. <i>(Investigation of Complex Problems)</i> | ✓ | | | | | |
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