



# NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA

Printed by ANUBHABA PANDA on May  
27, 2025 13:04:25

## GRADE CARD FOR INFORMATION OF STUDENT ONLY BACHELOR OF TECHNOLOGY

|            |                       |             |                               |
|------------|-----------------------|-------------|-------------------------------|
| Name :     | <b>ANUBHABA PANDA</b> | Branch :    | <b>MECHANICAL ENGINEERING</b> |
| Roll No. : | <b>122ME0662</b>      | Joined :    | <b>AY 2022-23</b>             |
|            |                       | Graduated : | <b>AY</b>                     |

| 1st Semester                |                                    |  |         |             |
|-----------------------------|------------------------------------|--|---------|-------------|
| Subject Code                | Subject Name                       | L-T-P  | Credits | Grade       |
| MA1001                      | Mathematics - I                    | 3-1-0  | 4       | B           |
| CH1400                      | Environment and Safety Engineering | 3-0-0  | 3       | A           |
| EC1000                      | Basic Electronics Engineering      | 3-0-0  | 3       | A           |
| PH1001                      | Physics - I                        | 2-1-0  | 3       | C           |
| HS1300                      | Communicative English              | 2-0-0  | 2       | C           |
| LS1001                      | Biology                            | 2-0-0  | 2       | A           |
| CE1701                      | Engineering Drawing                | 0-0-3  | 2       | EX          |
| CY1170                      | Chemistry Laboratory               | 0-0-3  | 2       | A           |
| EA1275                      | Physical Education - I             | 0-0-3  | 1       | EX          |
| <b>Semester Credits: 22</b> |                                    | <b>Semester Grade Point Average (SGPA):</b>    |         | <b>8.50</b> |
| <b>Total Credits: 22</b>    |                                    | <b>Cummulative Grade Point Average (CGPA):</b> |         | <b>8.50</b> |

| 2nd Semester                |                              |  |         |             |
|-----------------------------|------------------------------|--|---------|-------------|
| Subject Code                | Subject Name                 | L-T-P  | Credits | Grade       |
| CE1000                      | Engineering Mechanics        | 3-1-0  | 4       | B           |
| MA1002                      | Mathematics - II             | 3-1-0  | 4       | B           |
| CY1101                      | Chemistry                    | 2-1-0  | 3       | A           |
| EE1000                      | Basic Electrical Engineering | 3-0-0  | 3       | B           |
| PH1002                      | Physics - II                 | 2-1-0  | 3       | A           |
| CS1000                      | Basic Programming            | 1-0-2  | 2       | D           |
| PH1070                      | Physics Laboratory           | 0-0-3  | 2       | A           |
| WS1151                      | Workshop Practice - I        | 0-0-3  | 2       | A           |
| EA1274                      | NSS - II                     | 0-0-3  | 1       | A           |
| EA1277                      | Value Education and Ethics   | 0-0-0  | 0       | S           |
| <b>Semester Credits: 24</b> |                              | <b>Semester Grade Point Average (SGPA):</b>    |         | <b>8.29</b> |
| <b>Total Credits: 46</b>    |                              | <b>Cummulative Grade Point Average (CGPA):</b> |         | <b>8.39</b> |

| 3rd Semester                |   |  |         |             |
|-----------------------------|---|--|---------|-------------|
| Subject Code                | Subject Name                            | L-T-P  | Credits | Grade       |
| ME2101                      | Mechanics of Solids                     | 3-1-0  | 4       | EX          |
| ME2301                      | Engineering Thermodynamics              | 3-1-0  | 4       | EX          |
| HS1331                      | Introduction to Society and Culture     | 3-0-0  | 3       | EX          |
| ME2103                      | Kinematics of Machines                  | 3-0-0  | 3       | B           |
| MM2107                      | Basic Physical Metallurgy               | 2-0-0  | 2       | B           |
| ME2171                      | Machine Drawing and Solid Modelling     | 0-0-3  | 2       | A           |
| EE2700                      | Basic Electrical Engineering Laboratory | 0-0-2  | 1       | A           |
| HS1270                      | Language Laboratory                     | 0-0-2  | 1       | A           |
| <b>Semester Credits: 20</b> |   | <b>Semester Grade Point Average (SGPA):</b>    |         | <b>9.30</b> |
| <b>Total Credits: 66</b>    |   | <b>Cummulative Grade Point Average (CGPA):</b> |         | <b>8.67</b> |

| 4th Semester                |                                 |  |         |             |
|-----------------------------|---------------------------------|--|---------|-------------|
| Subject Code                | Subject Name                    | L-T-P  | Credits | Grade       |
| MA2306                      | Mathematical Methods            | 3-1-0  | 4       | B           |
| EE3011                      | Electrical Machines             | 3-0-0  | 3       | A           |
| HS1334                      | Social Movement in India        | 3-0-0  | 3       | B           |
| ME2202                      | Primary Production Processes    | 3-0-0  | 3       | EX          |
| ME2302                      | Fluid Mechanics                 | 3-0-0  | 3       | EX          |
| ME2272                      | Advanced Manufacturing Practice | 0-0-3  | 2       | EX          |
| EC2700                      | Basic Electronics Laboratory    | 0-0-2  | 1       | EX          |
| ME2172                      | Mechanics of Solids Laboratory  | 0-0-2  | 1       | EX          |
| <b>Semester Credits: 20</b> |                                 | <b>Semester Grade Point Average (SGPA):</b>    |         | <b>9.15</b> |
| <b>Total Credits: 86</b>    |                                 | <b>Cummulative Grade Point Average (CGPA):</b> |         | <b>8.78</b> |

National Institute of Technology, Rourkela-769008 (Orissa), Phone: 0661-2462031, Fax: 0661-2462033 Website : www.nitrkl.ac.in

|                              |  |
|------------------------------|--|
| Name : <b>ANUBHABA PANDA</b> | Branch : <b>MECHANICAL ENGINEERING</b>           |
| Roll No. : <b>122ME0662</b>  | Joined : <b>AY 2022-23</b> Graduated : <b>AY</b> |

| 5th Semester         |  |  |         |       |
|----------------------|--|--|---------|-------|
| Subject Code         | Subject Name                                   | L-T-P                                  | Credits | Grade |
| ME3101               | Design of Machine Elements                     | 3-0-0                                  | 3       | EX    |
| ME3201               | Metal Machining and Automation                 | 3-0-0                                  | 3       | A     |
| ME3301               | Heat Transfer                                  | 3-0-0                                  | 3       | C     |
| ME3303               | Fluid Dynamics and Hydraulic Machines          | 3-0-0                                  | 3       | EX    |
| ME3103               | System Dynamics and Control                    | 2-0-0                                  | 2       | EX    |
| ME3171               | Machine Element Design Practice                | 0-0-3                                  | 2       | A     |
| ME3371               | Fluid Mechanics and Fluid Machinery Laboratory | 0-0-3                                  | 2       | EX    |
| ME3271               | Production Engineering Laboratory              | 0-0-2                                  | 1       | A     |
| Semester Credits: 19 |  | Semester Grade Point Average (SGPA):   |         | 9.21  |
| Total Credits: 105   |  | Cumulative Grade Point Average (CGPA): |         | 8.86  |

| 6th Semester         |  |  |         |       |
|----------------------|--|--|---------|-------|
| Subject Code         | Subject Name                                 | L-T-P                                  | Credits | Grade |
| ME3102               | Dynamics of Machinery                        | 3-0-0                                  | 3       | EX    |
| ME3202               | Metal Cutting and Tool Design                | 3-0-0                                  | 3       | EX    |
| ME3231               | Metrology, Quality Control and Reliability   | 3-0-0                                  | 3       | A     |
| ME3302               | Internal Combustion Engines and Gas Turbines | 3-0-0                                  | 3       | EX    |
| ME3334               | Power Plant Engineering                      | 3-0-0                                  | 3       | EX    |
| ME3372               | Internal Combustion Engines Laboratory       | 0-0-3                                  | 2       | EX    |
| ME3272               | Production Engineering Project               | 0-0-2                                  | 1       | EX    |
| ME3274               | Product Development Project                  | 0-0-2                                  | 1       | A     |
| Semester Credits: 19 |  | Semester Grade Point Average (SGPA):   |         | 9.79  |
| Total Credits: 124   |  | Cumulative Grade Point Average (CGPA): |         | 9.00  |

| 7th Semester      |              |  |         |       |
|-------------------|--------------|--|---------|-------|
| Subject Code      | Subject Name | L-T-P                                  | Credits | Grade |
| NOT APPLICABLE    |              |  |         |       |
| Semester Credits: |              | Semester Grade Point Average (SGPA):   |         |       |
| Total Credits:    |              | Cumulative Grade Point Average (CGPA): |         |       |

| 8th Semester      |              |  |         |       |
|-------------------|--------------|--|---------|-------|
| Subject Code      | Subject Name | L-T-P                                  | Credits | Grade |
| NOT APPLICABLE    |              |  |         |       |
| Semester Credits: |              | Semester Grade Point Average (SGPA):   |         |       |
| Total Credits:    |              | Cumulative Grade Point Average (CGPA): |         |       |

| REMARKS : | Performance | Grade | Grade Point | Performance  | Grade | Grade Point | Performance           | Grade | Grade Point |
|-----------|-------------|-------|-------------|--------------|-------|-------------|-----------------------|-------|-------------|
|           | Excellent   | EX    | 10          | Fair         | C     | 7           | Fail                  | F     | 2           |
|           | Very Good   | A     | 9           | Average      | D     | 6           | Debarred              | X     | 0           |
|           | Good        | B     | 8           | Pass         | P     | 5           | Incomplete Assessment | I     | -           |
|           |             |       |             | Satisfactory | S     | -           | Unsatisfactory        | U     | -           |

Date : 27 May 2025