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Branch : 14-MECHANICAL ENGINEERING

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|---|
| (991006) (MAX:100, MIN:025)-005/036 (B) (ENGINEERING GRAPHICS-I)    |
| (143002) (MAX:080, MIN:020)-028/028 (MATERIAL SCIENCE & METALLURGY) |
| (143003) (MAX:080, MIN:020)-021/028 (MACHINE DRAWING)               |
| (143004) (MAX:080, MIN:020)-000/027 (B) (THERMODYNAMICS)            |
| (143006) (MAX:080, MIN:020)-010/028 (B) (APPLIED MECHANICS)         |

**UTTARAKHAND BOARD OF TECHNICAL EDUCATION, ROORKEE**  
**Cross List 4th Semester Examination - 2022 (Summer)**

DATE: 29-07-2022

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Institute : 163-GOVERNMENT POLYTECHNIC, RANI POKHRI, DEHRADUN

Branch : 14-MECHANICAL ENGINEERING

| Roll No./Student Name<br>Father's Name/Dob/Status                               | Marks (Theory & Sessional ) |         |         |         |         |         |        |  |  | Total     | GP     | IE     | Sem.<br>Total | 2nd<br>Year<br>CGPA | Result<br>(Current<br>Year/Sem) | Promotion |
|---|-----------------------------|---------|---------|---------|---------|---------|--------|--|--|-----------|--------|--------|---------------|---------------------|---------------------------------|-----------|
|   | T/TS                        | 144001  | 144002  | 144003  | 144004  | 144005  | 144006 |  |  | Theory    |        |        |               |                     |                                 |           |
|   | P/PS                        | 144001  | 144002  | 144003  | 144004  | 144005  | 144006 |  |  | Practical |        |        |               |                     |                                 |           |
| 20163140003<br>ADITYA SILSWAL<br>SURAJ MANI SILSWAL<br>DOB:08/05/2004-(REGULAR) | 021 024                     | 033 025 | 032 023 | 036 022 | 034 022 | 030 026 |        |  |  | 0328      | 025    | 025    | 0601          | 6.24                | PBP                             | YES       |
|   | 045                         | 058     | 055     | 058     | 056     | 056     |        |  |  |           |        |        |               |                     |                                 |           |
|   | 017 016                     | 015 018 | 017 016 | 020 017 | 036 018 | 017 016 |        |  |  |           |        |        |               |                     |                                 |           |
|   | 033                         | 033     | 033     | 037     | 054     | 033     |        |  |  |           |        |        |               |                     |                                 |           |
| Subject Grades (Grade Points) :   | B ( 6 )                     | B ( 6 ) | B ( 6 ) | B+( 7 ) | B+( 7 ) | B ( 6 ) |        |  |  |           | 0 (10) | 0 (10) | 6.60          |                     |                                 |           |

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|---|
| (991006) (MAX:100, MIN:025)-007/034 (B) (ENGINEERING GRAPHICS-I)    |
| (143002) (MAX:080, MIN:020)-032/025 (MATERIAL SCIENCE & METALLURGY) |
| (143004) (MAX:080, MIN:020)-020/023 (THERMODYNAMICS)                |
| (143006) (MAX:080, MIN:020)-020/026 (APPLIED MECHANICS)             |

|   |                |                |                |                |                |                |  |  |  |  |               |               |     |      |      |      |     |
|---|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|---------------|---------------|-----|------|------|------|-----|
| 20163140004<br>AMAN PUNDIR<br>RAJENDRA PUNDIR<br>DOB:16/03/2002-(REGULAR) | 025 026        | 033 028        | 032 027        | 034 028        | 037 027        | 025 028        |  |  |  |  | 0350          | 025           | 025 | 0649 | 6.77 | PASS | YES |
|   | 051            | 061            | 059            | 062            | 064            | 053            |  |  |  |  |               |               |     |      |      |      |     |
|   | 019 018        | 019 017        | 021 019        | 022 017        | 040 019        | 020 018        |  |  |  |  |               |               |     |      |      |      |     |
|   | 037            | 036            | 040            | 039            | 059            | 038            |  |  |  |  |               |               |     |      |      |      |     |
| Subject Grades (Grade Points) :   | <b>B ( 6 )</b> | <b>B+( 7 )</b> | <b>B+( 7 )</b> | <b>B+( 7 )</b> | <b>A ( 8 )</b> | <b>B ( 6 )</b> |  |  |  |  | <b>0 (10)</b> | <b>0 (10)</b> |     |      |      |      |     |

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|---|
| (143002) (MAX:080, MIN:020)-039/026 (MATERIAL SCIENCE & METALLURGY) |
| (143004) (MAX:080, MIN:020)-020/023 (THERMODYNAMICS)                |

|  |                |                |                |                |                |                |  |  |  |  |               |               |     |      |      |     |     |
|--|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|---------------|---------------|-----|------|------|-----|-----|
| 20163140005<br>AMMAR KHAN<br>INTEZAR AHMAD<br>DOB:08/09/1999-(REGULAR) | 030 021        | 023 023        | 023 023        | 024 024        | 037 022        | 026 025        |  |  |  |  | 0301          | 025           | 025 | 0567 | 6.35 | PBP | YES |
|  | 051            | 046            | 046            | 048            | 059            | 051            |  |  |  |  |               |               |     |      |      |     |     |
|  | 016 017        | 015 017        | 016 016        | 018 017        | 035 017        | 016 016        |  |  |  |  |               |               |     |      |      |     |     |
|  | 033            | 032            | 032            | 035            | 052            | 032            |  |  |  |  |               |               |     |      |      |     |     |
| Subject Grades (Grade Points) :  | <b>B ( 6 )</b> | <b>B ( 6 )</b> | <b>B ( 6 )</b> | <b>B ( 6 )</b> | <b>B+( 7 )</b> | <b>B ( 6 )</b> |  |  |  |  | <b>0 (10)</b> | <b>0 (10)</b> |     |      |      |     |     |

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|--|
| (991006) (MAX:100, MIN:025)-025/035 (ENGINEERING GRAPHICS-I) |
| (143006) (MAX:080, MIN:020)-012/028 (B) (APPLIED MECHANICS)  |

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Branch : 14-MECHANICAL ENGINEERING

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| (991006) (MAX:100, MIN:025)-014/034 (B) (ENGINEERING GRAPHICS-I) |  |
| (143003) (MAX:080, MIN:020)-020/028 (MACHINE DRAWING)            |  |
| (143004) (MAX:080, MIN:020)-022/028 (THERMODYNAMICS)             |  |

**UTTARAKHAND BOARD OF TECHNICAL EDUCATION, ROORKEE**  
**Cross List 4th Semester Examination - 2022 (Summer)**

DATE: 29-07-2022

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Institute : 163-GOVERNMENT POLYTECHNIC, RANI POKHRI, DEHRADUN

Branch : 14-MECHANICAL ENGINEERING

| Roll No./Student Name<br>Father's Name/Dob/Status                                 | Marks (Theory & Sessional ) |         |         |         |         |         |        |  |      | Total     | GP     | IE  | Sem.<br>Total | 2nd<br>Year<br>CGPA | Result<br>(Current<br>Year/Sem) | Promotion |
|---|-----------------------------|---------|---------|---------|---------|---------|--------|--|------|-----------|--------|-----|---------------|---------------------|---------------------------------|-----------|
|   | T/TS                        | 144001  | 144002  | 144003  | 144004  | 144005  | 144006 |  |      | Theory    |        |     |               |                     |                                 |           |
|   | P/PS                        | 144001  | 144002  | 144003  | 144004  | 144005  | 144006 |  |      | Practical |        |     |               |                     |                                 |           |
| 20163140009<br>DEEPAK BIJALWAN<br>INDER MANI BIJALWAN<br>DOB:08/03/2002-(REGULAR) | 020 021                     | 020 026 | 020 028 | 021 024 | 035 021 | 020 027 |        |  |      | 0283      | 025    | 025 | 0568          | 6.00                | PBP                             | YES       |
|   | 041                         | 046     | 048     | 045     | 056     | 047     |        |  |      |           |        |     |               |                     |                                 |           |
|   | 016 016                     | 020 015 | 021 016 | 019 017 | 041 018 | 019 017 |        |  | 0235 |           |        |     |               |                     |                                 |           |
|   | 032                         | 035     | 037     | 036     | 059     | 036     |        |  |      |           |        |     |               |                     |                                 |           |
| Subject Grades (Grade Points) :   | C ( 5 )                     | B ( 6 ) | B ( 6 ) | B ( 6 ) | B+( 7 ) | B ( 6 ) |        |  |      | 0 (10)    | 0 (10) |     |               |                     |                                 |           |

(991006) (MAX:100, MIN:025)-008/035 (B) (ENGINEERING GRAPHICS-I)

(143002) (MAX:080, MIN:020)-020/027 (MATERIAL SCIENCE & METALLURGY)

(143003) (MAX:080, MIN:020)-020/022 (MACHINE DRAWING)

(143004) (MAX:080, MIN:020)-002/023 (B) (THERMODYNAMICS)

(143006) (MAX:080, MIN:020)-012/027 (B) (APPLIED MECHANICS)

|   |         |         |         |         |         |         |  |  |      |        |        |      |      |     |     |
|---|---------|---------|---------|---------|---------|---------|--|--|------|--------|--------|------|------|-----|-----|
| 20163140010<br>HEMANT GUPTA<br>SIYA RAM GUPTA<br>DOB:17/02/2002-(REGULAR) | 020 025 | 034 028 | 000 025 | 036 026 | 049 028 | 022 028 |  |  | 0321 | 025    | 025    | 0611 | 6.55 | PBP | YES |
|   | 045     | 062     | 025-BK  | 062     | 077     | 050     |  |  |      |        |        |      |      |     |     |
|   | 021 018 | 019 016 | 019 016 | 018 017 | 039 019 | 020 018 |  |  | 0240 |        |        | 6.60 |      |     |     |
|   | 039     | 035     | 035     | 035     | 058     | 038     |  |  |      |        |        |      |      |     |     |
| Subject Grades (Grade Points) :   | B ( 6 ) | B+( 7 ) | P ( 4 ) | B+( 7 ) | A ( 8 ) | B ( 6 ) |  |  |      | O (10) | O (10) |      |      |     |     |

(991006) (MAX:100, MIN:025)-010/035 (B) (ENGINEERING GRAPHICS-I)

(143003) (MAX:080, MIN:020)-ABS/025 (B) (MACHINE DRAWING)

(143005) (MAX:080, MIN:020)-031/019 (WORKSHOP TECHNOLOGY)

**UTTARAKHAND BOARD OF TECHNICAL EDUCATION, ROORKEE**  
**Cross List 4th Semester Examination - 2022 (Summer)**

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Institute : 163-GOVERNMENT POLYTECHNIC, RANI POKHRI, DEHRADUN

Branch : 14-MECHANICAL ENGINEERING

| Roll No./Student Name<br>Father's Name/Dob/Status                                    | Marks (Theory & Sessional ) |                |                |                |                |                |                |  |  | Total       | GP<br><b>014054</b> | IE<br><b>144052</b> | Sem.<br>Total | 2nd<br>Year<br>CGPA | Result<br>(Current<br>Year/Sem) | Promotion  |
|--|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|-------------|---------------------|---------------------|---------------|---------------------|---------------------------------|------------|
|  | T/TS                        | 144001         | 144002         | 144003         | 144004         | 144005         | 144006         |  |  | Theory      |                     |                     |               |                     |                                 |            |
|  | P/PS                        | 144001         | 144002         | 144003         | 144004         | 144005         | 144006         |  |  | Practical   |                     |                     |               |                     |                                 |            |
| 20163140011<br>HIMANSHU SHARMA<br>PAWAN KUMAR SHARMA<br>DOB:05/06/2003-(REGULAR)     |                             | 040 028        | 043 029        | 036 028        | 040 029        | 040 028        | 030 029        |  |  | <b>0400</b> | <b>025</b>          | <b>025</b>          | <b>0715</b>   | <b>7.38</b>         | <b>PASS</b>                     | <b>YES</b> |
|  |                             | 068            | 072            | 064            | 069            | 068            | 059            |  |  |             |                     |                     |               |                     |                                 |            |
|  |                             | 022 019        | 022 019        | 021 019        | 022 019        | 042 019        | 022 019        |  |  | <b>0265</b> |                     |                     |               |                     |                                 |            |
|  |                             | 041            | 041            | 040            | 041            | 061            | 041            |  |  |             |                     |                     |               |                     |                                 |            |
| Subject Grades (Grade Points) :  |                             | <b>A ( 8 )</b> | <b>A ( 8 )</b> | <b>B+( 7 )</b> | <b>A ( 8 )</b> | <b>A ( 8 )</b> | <b>B+( 7 )</b> |  |  |             | <b>0 (10)</b>       | <b>0 (10)</b>       |               |                     |                                 |            |
| 20163140012<br>HIMANSHU SINGH<br>CHARAN SINGH<br>DOB:27/03/2003-(REGULAR)            |                             | 038 028        | 042 028        | 029 029        | 050 028        | 052 029        | 032 028        |  |  | <b>0413</b> | <b>025</b>          | <b>025</b>          | <b>0721</b>   | <b>7.34</b>         | <b>PASS</b>                     | <b>YES</b> |
|  |                             | 066            | 070            | 058            | 078            | 081            | 060            |  |  |             |                     |                     |               |                     |                                 |            |
|  |                             | 020 019        | 021 019        | 022 019        | 021 019        | 040 019        | 020 019        |  |  | <b>0258</b> |                     |                     |               |                     |                                 |            |
|  |                             | 039            | 040            | 041            | 040            | 059            | 039            |  |  |             |                     |                     |               |                     |                                 |            |
| Subject Grades (Grade Points) :  |                             | <b>B+( 7 )</b> | <b>A ( 8 )</b> | <b>B+( 7 )</b> | <b>A ( 8 )</b> | <b>A+( 9 )</b> | <b>B+( 7 )</b> |  |  |             | <b>0 (10)</b>       | <b>0 (10)</b>       |               |                     |                                 |            |
| 20163140013<br>MANISH SAKLANI<br>BHAGWATI PRASAD SAKLANI<br>DOB:03/03/2004-(REGULAR) |                             | 026 024        | 024 028        | 020 028        | 023 026        | 035 027        | 013 028        |  |  | <b>0302</b> | <b>025</b>          | <b>025</b>          | <b>0609</b>   | <b>6.52</b>         | <b>PBP</b>                      | <b>YES</b> |
|  |                             | 050            | 052            | 048            | 049            | 062            | 041-BK         |  |  |             |                     |                     |               |                     |                                 |            |
|  |                             | 021 018        | 020 019        | 022 018        | 022 019        | 041 018        | 021 018        |  |  | <b>0257</b> |                     |                     |               |                     |                                 |            |
|  |                             | 039            | 039            | 040            | 041            | 059            | 039            |  |  |             |                     |                     |               |                     |                                 |            |
| Subject Grades (Grade Points) :  |                             | <b>B ( 6 )</b> | <b>B ( 6 )</b> | <b>B ( 6 )</b> | <b>B ( 6 )</b> | <b>B+( 7 )</b> | <b>B ( 6 )</b> |  |  |             | <b>0 (10)</b>       | <b>0 (10)</b>       |               |                     |                                 |            |

|   |
|---|
| (143002) (MAX:080, MIN:020)-030/028 (MATERIAL SCIENCE & METALLURGY) |
| (143004) (MAX:080, MIN:020)-001/026 (B) (THERMODYNAMICS)            |
| (143006) (MAX:080, MIN:020)-012/029 (B) (APPLIED MECHANICS)         |

**UTTARAKHAND BOARD OF TECHNICAL EDUCATION, ROORKEE**  
**Cross List 4th Semester Examination - 2022 (Summer)**

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Institute : 163-GOVERNMENT POLYTECHNIC, RANI POKHRI, DEHRADUN

Branch : 14-MECHANICAL ENGINEERING

| Roll No./Student Name<br>Father's Name/Dob/Status                                  | Marks (Theory & Sessional ) |         |         |         |         |         |         |  |  | Total     | GP     | IE     | Sem.<br>Total | 2nd<br>Year<br>CGPA | Result<br>(Current<br>Year/Sem) | Promotion |
|--|-----------------------------|---------|---------|---------|---------|---------|---------|--|--|-----------|--------|--------|---------------|---------------------|---------------------------------|-----------|
|  | T/TS                        | 144001  | 144002  | 144003  | 144004  | 144005  | 144006  |  |  | Theory    |        |        |               |                     |                                 |           |
|  | P/PS                        | 144001  | 144002  | 144003  | 144004  | 144005  | 144006  |  |  | Practical |        |        |               |                     |                                 |           |
| 20163140015<br>NIKHIL BIJLWAN<br>SATYA PRASAD BIJLAWAN<br>DOB:09/07/2004-(REGULAR) |                             | 031 026 | 022 027 | 028 028 | 030 027 | 043 026 | 029 029 |  |  | 0346      | 025    | 025    | 0627          | 6.58                | PBP                             | YES       |
|  |                             | 057     | 049     | 056     | 057     | 069     | 058     |  |  |           |        |        |               |                     |                                 |           |
|  |                             | 016 019 | 015 019 | 017 019 | 018 018 | 035 019 | 017 019 |  |  | 0231      |        |        |               |                     |                                 |           |
|  |                             | 035     | 034     | 036     | 036     | 054     | 036     |  |  |           |        |        |               |                     |                                 |           |
| Subject Grades (Grade Points) :  |                             | B ( 6 ) | B ( 6 ) | B ( 6 ) | B+( 7 ) | A ( 8 ) | B+( 7 ) |  |  |           | 0 (10) | 0 (10) | 6.93          |                     |                                 |           |

|   |
|---|
| (143002) (MAX:080, MIN:020)-024/027 (MATERIAL SCIENCE & METALLURGY) |
| (143004) (MAX:080, MIN:020)-001/027 (B) (THERMODYNAMICS)            |
| (143006) (MAX:080, MIN:020)-012/029 (B) (APPLIED MECHANICS)         |

|   |                |                |                |                |                |                |  |  |  |  |               |               |             |             |             |            |            |
|---|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|---------------|---------------|-------------|-------------|-------------|------------|------------|
| 20163140016<br>RAVI GUPTA<br>ARVIND KUMAR<br>DOB:25/11/2001-(REGULAR) | 025 026        | 029 025        | 003 022        | 007 021        | 048 019        | 023 026        |  |  |  |  | <b>0274</b>   | <b>025</b>    | <b>025</b>  | <b>0538</b> | <b>5.89</b> | <b>PBP</b> | <b>YES</b> |
|   | 051            | 054            | 025-BK         | 028-BK         | 067            | 049            |  |  |  |  |               |               |             |             |             |            |            |
|   | 016 016        | 015 016        | 016 015        | 016 016        | 038 018        | 016 016        |  |  |  |  |               |               |             |             |             |            |            |
|   | 032            | 031            | 031            | 032            | 056            | 032            |  |  |  |  |               |               |             |             |             |            |            |
| Subject Grades (Grade Points) :                                       | <b>B ( 6 )</b> | <b>B ( 6 )</b> | <b>P ( 4 )</b> | <b>P ( 4 )</b> | <b>A ( 8 )</b> | <b>B ( 6 )</b> |  |  |  |  | <b>0 (10)</b> | <b>0 (10)</b> | <b>6.07</b> |             |             |            |            |

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|---|
| (991006) (MAX:100, MIN:025)-012/030 (B) (ENGINEERING GRAPHICS-I)    |
| (143002) (MAX:080, MIN:020)-029/025 (MATERIAL SCIENCE & METALLURGY) |
| (143003) (MAX:080, MIN:020)-022/022 (MACHINE DRAWING)               |
| (143004) (MAX:080, MIN:020)-000/021 (B) (THERMODYNAMICS)            |
| (143005) (MAX:080, MIN:020)-026/018 (WORKSHOP TECHNOLOGY)           |
| (143006) (MAX:080, MIN:020)-009/026 (B) (APPLIED MECHANICS)         |

**UTTARAKHAND BOARD OF TECHNICAL EDUCATION, ROORKEE**  
**Cross List 4th Semester Examination - 2022 (Summer)**

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Institute : 163-GOVERNMENT POLYTECHNIC, RANI POKHRI, DEHRADUN

Branch : 14-MECHANICAL ENGINEERING

| Roll No./Student Name<br>Father's Name/Dob/Status                                 | Marks (Theory & Sessional ) |         |         |         |          |         |        |  |  | Total     | GP     | IE     | Sem.<br>Total | 2nd<br>Year<br>CGPA | Result<br>(Current<br>Year/Sem) | Promotion |
|---|-----------------------------|---------|---------|---------|----------|---------|--------|--|--|-----------|--------|--------|---------------|---------------------|---------------------------------|-----------|
|   | T/TS                        | 144001  | 144002  | 144003  | 144004   | 144005  | 144006 |  |  | Theory    |        |        |               |                     |                                 |           |
|   | P/PS                        | 144001  | 144002  | 144003  | 144004   | 144005  | 144006 |  |  | Practical |        |        |               |                     |                                 |           |
| 20163140017<br>SAKSHAM NEGI<br>MR SURENDER SINGH NEGI<br>DOB:23/06/2004-(REGULAR) | 021 025                     | 027 028 | 020 025 | 013 028 | 028 027  | 020 028 |        |  |  | 0290      | 025    | 025    | 0583          | 6.50                | PBP                             | YES       |
|   | 046                         | 055     | 045     | 041-BK  | 055      | 048     |        |  |  |           |        |        |               |                     |                                 |           |
|   | 019 018                     | 019 018 | 019 019 | 019 019 | 039 018  | 018 018 |        |  |  | 0243      |        |        |               |                     |                                 |           |
|   | 037                         | 037     | 038     | 038     | 057      | 036     |        |  |  |           |        |        |               |                     |                                 |           |
| Subject Grades (Grade Points) :   | B ( 6 )                     | B ( 6 ) | B ( 6 ) | B ( 6 ) | B+ ( 7 ) | B ( 6 ) |        |  |  |           | 0 (10) | 0 (10) |               |                     |                                 |           |

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|---|
| (143002) (MAX:080, MIN:020)-026/028 (MATERIAL SCIENCE & METALLURGY) |
| (143003) (MAX:080, MIN:020)-020/025 (MACHINE DRAWING)               |
| (143004) (MAX:080, MIN:020)-001/026 (B) (THERMODYNAMICS)            |
| (143005) (MAX:080, MIN:020)-022/018 (WORKSHOP TECHNOLOGY)           |
| (143006) (MAX:080, MIN:020)-014/028 (B) (APPLIED MECHANICS)         |

|   |                |                |                |                |                |                |  |  |  |  |               |               |     |      |      |      |     |
|---|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|---------------|---------------|-----|------|------|------|-----|
| 20163140020<br>TUSHAR UNIYAL<br>MUKESH UNIYAL<br>DOB:23/10/2002-(REGULAR) | 034 026        | 022 028        | 030 028        | 040 027        | 045 028        | 027 028        |  |  |  |  | 0363          | 025           | 025 | 0669 | 7.04 | PASS | YES |
|   | 060            | 050            | 058            | 067            | 073            | 055            |  |  |  |  |               |               |     |      |      |      |     |
|   | 020 019        | 021 019        | 022 019        | 020 019        | 040 019        | 019 019        |  |  |  |  |               |               |     |      |      |      |     |
|   | 039            | 040            | 041            | 039            | 059            | 038            |  |  |  |  |               |               |     |      |      |      |     |
| Subject Grades (Grade Points) :   | <b>B+( 7 )</b> | <b>B ( 6 )</b> | <b>B+( 7 )</b> | <b>B+( 7 )</b> | <b>A ( 8 )</b> | <b>B+( 7 )</b> |  |  |  |  | <b>0 (10)</b> | <b>0 (10)</b> |     |      |      |      |     |

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|--|
| (991006) (MAX:100, MIN:025)-025/034 (ENGINEERING GRAPHICS-I) |
|--|

|  |                |                |                |                |                |                |  |  |  |  |               |               |     |      |      |     |     |
|--|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|---------------|---------------|-----|------|------|-----|-----|
| 20163140021<br>YOGENDRA BAHUGUNA<br>GOPAL DUTT<br>DOB:20/11/2000-(REGULAR) | 024 024        | 030 025        | 023 026        | 044 026        | 051 024        | 024 027        |  |  |  |  | 0348          | 025           | 025 | 0638 | 6.54 | PBP | YES |
|  | 048            | 055            | 049            | 070            | 075            | 051            |  |  |  |  |               |               |     |      |      |     |     |
|  | 017 018        | 018 019        | 020 019        | 020 017        | 036 018        | 019 019        |  |  |  |  |               |               |     |      |      |     |     |
|  | 035            | 037            | 039            | 037            | 054            | 038            |  |  |  |  |               |               |     |      |      |     |     |
| Subject Grades (Grade Points) :  | <b>B ( 6 )</b> | <b>B ( 6 )</b> | <b>B ( 6 )</b> | <b>B+( 7 )</b> | <b>A ( 8 )</b> | <b>B ( 6 )</b> |  |  |  |  | <b>0 (10)</b> | <b>0 (10)</b> |     |      |      |     |     |

|  |
|--|
| (143004) (MAX:080, MIN:020)-001/026 (B) (THERMODYNAMICS) |
| (143006) (MAX:080, MIN:020)-020/027 (APPLIED MECHANICS)  |

**UTTARAKHAND BOARD OF TECHNICAL EDUCATION, ROORKEE**  
**Cross List 4th Semester Examination - 2022 (Summer)**

DATE: 29-07-2022

PAGE: 8

Institute : 163-GOVERNMENT POLYTECHNIC, RANI POKHRI, DEHRADUN

Branch : 14-MECHANICAL ENGINEERING

| Roll No./Student Name<br>Father's Name/Dob/Status | Marks (Theory & Sessional ) |  |  |  |  |  |  |  | Total     | GP | IE | Sem. Total | 2nd Year CGPA | Result (Current Year/Sem) | Promotion |
|---|-----------------------------|--|--|--|--|--|--|--|-----------|----|----|------------|---------------|---------------------------|-----------|
|   | T/TS                        |  |  |  |  |  |  |  | Theory    |    |    |            |               |                           |           |
|   | P/PS                        |  |  |  |  |  |  |  | Practical |    |    | SGPA       |               |                           |           |

| Code   | Subject Name  | Theory-Max | Theory-Min | Theory-Sess Max | Practical-Max | Practical-Sess Max | Sessional-Max | Credit Points |
|--------|---|------------|------------|-----------------|---------------|--------------------|---------------|---------------|
| 014054 | GENERAL PROFICIENCY                                 |            |            |                 |               |                    | 25            |               |
| 144052 | INDUSTRIAL EXPOSURE (ASSESSMENT AT INSTITUTE LEVEL) |            |            |                 |               |                    | 25            |               |
| 144001 | APPLIED THERMAL ENGINEERING                         | 080        | 020        | 030             | 025           | 020                |               | 5             |
| 144002 | AUTOMOBILE ENGINEERING                              | 080        | 020        | 030             | 025           | 020                |               | 4             |
| 144003 | HYDRAULICS & HYDRAULIC MACHINES                     | 080        | 020        | 030             | 025           | 020                |               | 5             |
| 144004 | METROLOGY, INSTRUMENTATION & CONTROL                | 080        | 020        | 030             | 025           | 020                |               | 4             |
| 144005 | PRODUCTION TECHNOLOGY                               | 080        | 020        | 030             | 045           | 020                |               | 6             |
| 144006 | STRENGTH OF MATERIALS                               | 080        | 020        | 030             | 025           | 020                |               | 4             |
|        |   |            |            |                 |               |                    |               |               |
|        |   |            |            |                 |               |                    |               |               |

| Subject Percentage | Subject Grade Point | Subject Grade | Description   | <b>Used Formulas :</b><br>$SGPA = \frac{\sum(C.P. \times G.P.)}{\sum C.P.}$<br>$CGPA = \frac{(\sum CP_1 \times SGPA_1 + \sum CP_2 \times SGPA_2)}{(\sum CP_1 + \sum CP_2)}$<br>Average Percent (P) = $\frac{(A+B+C)}{(X+Y+Z)} \times 10$<br>A = Total credit got in 1 <sup>st</sup> year $\times CGPA_1 \times .50$<br>B = Total credit got in 2 <sup>nd</sup> year $\times CGPA_2 \times 1.00$<br>C = Total credit got in 3 <sup>rd</sup> year $\times CGPA_3 \times 1.00$<br>X = Total of credits in 1 <sup>st</sup> year $\times .50$<br>Y = Total of credits in 2 <sup>nd</sup> year $\times 1.0$<br>Z = Total of credits in 3 <sup>rd</sup> year $\times 1.0$ |
|--------------------|---------------------|---------------|---------------|--|
| > 90 to 100        | 10                  | O             | Outstanding   |  |
| > 80 to 90         | 9                   | A+            | Excellent     |  |
| > 70 to 80         | 8                   | A             | Very Good     |  |
| > 60 to 70         | 7                   | B+            | Good          |  |
| > 50 to 60         | 6                   | B             | Above Average |  |
| > 40 to 50         | 5                   | C             | Average       |  |
| = 33 to 40         | 4                   | P             | Pass          |  |
| < 33               | 0                   | F             | Fail          |  |

**PREPARED BY.....**

**CHECKED BY.....**