

METALLURGICAL AND MATERIALS ENGINEERING DEPARTMENT

National Institute of Technology Srinagar

Session: Autumn -2020

B.Tech 3rd semester

Class Room:



| Day/Period | 1 st 9:00 am- 9:55 am | 2 nd 10:00 am- 10:55 am | Break 10:55 am- 11:10 am | 3 rd 11:10 am- 12:05 am | 4 th 12:05 pm- 1:00 pm | Lunch 1:00 pm- 2:00 pm | 5 th 2:00 pm- 2:55 pm | 6 th 3:00 pm- 3:55 pm | 7 th 4:00 pm- 4:55 pm |
|------------------|--|--|--------------------------------|--|---|------------------------------|--|---|--|
| Monday | Principles of Process Mett. (NK) | EMD (NB) | Break | Phy. Metallurgy (IW) | Thermodynamics of Materials (KS) | Lunch | Num. Tech. and Comp. Prog. (Math) | | |
| Tuesday | Thermodynamics of Materials (KS) | Principles of Process Mett. (NK) | | Phy. Metallurgy (IW) | EMD (NB) | | | Phy. Metallurgy Lab (Group A, IW)/Thermodynamics Lab (Group B, KS)/ Mett. and Instr. Anal. Lab (Group C, Chemistry) | |
| Wednesday | Principles of Process Mett. (NK) | Metall. And Intr. Analysis (Chemistry) | | Phy. Metallurgy (IW) | Thermodynamics of Materials (KS) | | Num. Tech. and Comp. Prog. (Math) | | |
| Thursday | Principles of Process Mett. (NK) | EMD (NB) | | Phy. Metallurgy (IW) | Metall. And Intr. Analysis (Chemistry) | | | Phy. Metallurgy Lab (Group B, IW)/Thermodynamics Lab (Group C, KS)/ Mett. and Instr. Anal. Lab (Group A, Chemistry) | |
| Friday | Thermodynamics of Materials (KS) | EMD (NB) | | Num. Tech. and Comp. Prog. (Math) | Metall. And Intr. Analysis (Chemistry) | | | Phy. Metallurgy Lab (Group C, IW)/Thermodynamics Lab (Group A, KS)/ Mett. and Instr. Anal. Lab (Group B, Chemistry) | |

| Sl.No. | Course Code | Course Name | Name of Faculty and Department |
|--------|-------------|---|---|
| 1 | MME 301 | Electronics, Magnetic and Dielectric materials | Dr. Nadeem Bhat (MME) |
| 2 | MME 302 | Metallurgical and Instrumental Analysis | Chemistry |
| 3 | MME 302P | Lab Practice in Metallurgical and Instrumental Analysis | Chemistry |
| 4 | MME 303 | Thermodynamics of Materials | Dr. K C Sabat (MME) |
| 5 | MME 303P | Lab Practice in Thermodynamics of Materials | Dr. K C Sabat, V Patle (R/S) and T Majid (R/S) (MME) |
| 6 | MME 304 | Physical Metallurgy | Dr. Irfan Samad Wani (MME) |
| 7 | MME 304P | Lab Practice in Physical Metallurgy | Dr. Irfan Samad Wani, Dr Nitika Kundan, Hameem (R/S), Vijay Singh (R/S) (MME) |
| 8 | MME 305 | Principles of Process Metallurgy | Dr. Nitika Kundan (MME) |
| 9 | MTH 306 | Numerical Techniques and Computer Programming | Math |

Time Table In-charge

METALLURGICAL AND MATERIALS ENGINEERING DEPARTMENT

National Institute of Technology Srinagar

Session: Autumn -2020

B.Tech 5th semester

Class Room:



| Day/Period | 1 st 9:00 am- 9:55 am | 2 nd 10:00 am- 10:55 am | Break 10:55 am- 11:10 am | 3 rd 11:10 am- 12:05 am | 4 th 12:05 pm- 1:00 pm | Lunch 1:00 pm- 2:00 pm | 5 th 2:00 pm- 2:55 pm | 6 th 3:00 pm- 3:55 pm | 7 th 4:00 pm- 4:55 pm |
|------------------|--|--|--------------------------------|---|---|------------------------------|---|---|--|
| Monday | Extractive Mett. of Iron (SM) | Kinetics of Materials (KS) | Break | Principle of Metal Extraction and Refining (NK) | Material Characterization (DK) | Lunch | | Thermodynamics and Kinetics Lab (Group A, KS)/Corrosion and surface Engg. Lab (Group B, AR) | |
| Tuesday | Corrosion and Surface Engg. (AR) | Extractive Mett. of Iron (SM) | | Kinetics of Materials (KS) | Principle of Metal Extraction and Refining (NK) | | Mat. Characterization Lab (Group A, DK)/ Mineral Processing Lab (Group B, YM) | | |
| Wednesday | Corrosion and Surface Engg. (AR) | Kinetics of Materials (KS) | | Principle of Metal Extraction and Refining (NK) | Material Characterization (DK) | | Thermodynamics and Kinetics Lab (Group B, KS)/Corrosion and surface Engg. Lab (Group A, AR) | | |
| Thursday | Material Characterization (DK) | Kinetics of Materials (KS) | | Principle of Metal Extraction and Refining (NK) | Extractive Mett. of Iron (SM) | | | | |
| Friday | Corrosion and Surface Engg. (AR) | Material Characterization (DK) | | Kinetics of Materials (KC) | Extractive Mett. of Iron (SM) | | Principle of Metal Extraction and Refining (NK) | Mat. Characterization Lab (Group B, DK)/ Mineral Processing Lab (Group A, YM) | |

| Sl.No. | Course Code | Course Name | Name of Faculty and Department |
|--------|-------------|--|---|
| 1 | MME 501 | Kinetics of Materials | Dr. K C Sabat (MME) |
| 2 | MME 501P | Lab Practice in Thermodynamics and Kinetics of Materials | Dr. K C Sabat, Tahir (R/S), Mayur Rajak (R/S) (MME) |
| 3 | MME 502 | Principles of Metal Extraction and Refining Processes | Dr. Nitika Kundan (MME) |
| 4 | MME 502P | Lab. practice in Mineral Processing | Dr. Yashwant Mehta, M Vinay (R/S), Agniswami (R/S) (MME) |
| 5 | MME 503 | Materials Characterization | Dr. Dinesh Kumar (MME) |
| 6 | MME 503P | Lab. practice in Materials Characterization | Dr. Dinesh Kumar, Irtiq (R/S), Vijay Kasture (R/S) (MME) |
| 7 | MME 504 | Corrosion and Surface Engg. | Dr. Atikur Rahman (MME) |
| 8 | MME 504P | Lab. practice in Corrosion and Surface Engg. | Dr. Atikur Rahman, K K Thakur (R/S), Manoj Kr (R/S) (MME) |
| 9 | MME 505 | Extractive Metallurgy of Iron and Production of Ferro-alloys | Dr. Srinibash Mishra (MME) |

Time Table In-charge

METALLURGICAL AND MATERIALS ENGINEERING DEPARTMENT

National Institute of Technology Srinagar

Session: Autumn -2020

B.Tech 7th semester

Class Room:



| Day/Period | 1 st 9:00 am- 9:55 am | 2 nd 10:00 am- 10:55 am | Break 10:55 am- 11:10 am | 3 rd 11:10 am- 12:05 am | 4 th 12:05 pm- 1:00 pm | Lunch 1:00 pm- 2:00 pm | 5 th 2:00 pm- 2:55 pm | 6 th 3:00 pm- 3:55 pm | 7 th 4:00 pm- 4:55 pm |
|------------------|--|--|--------------------------------|--|---|------------------------------|--|--|--|
| Monday | Phase Trans. And Heat Treatment (IW) | Ceramics, Glass and Polymer Tech. (YM) | Break | Steel Technology (SM) | Mech. Working of Materials (AM) | Lunch | Industrial Economics and Management (TW) | Phase Trans. and Heat Treatment Lab (IW) | |
| Tuesday | Phase Trans. And Heat Treatment (IW) | Ceramics, Glass and Polymer Tech. (YM) | | Industrial Economics and Management (TW) | Steel Technology (SM) | | Literature Survey (YM, AR, IW, KS, SM) | Mech. Working of Materials Lab (AM) | |
| Wednesday | Steel Technology (SM) | Ceramics, Glass and Polymer Tech. (YM) | | Industrial Economics and Management (TW) | Mech. Working of Materials (AM) | | Literature Survey (YM, AR, IW, KS, SM) | | |
| Thursday | Phase Trans. And Heat Treatment (IW) | Ceramics, Glass and Polymer Tech. (YM) | | Mech. Working of Materials (AM) | Literature Survey (YM, AR, IW, KS, SM) | | Group Discussion and Seminar (All faculty) | Literature Survey (YM, AR, IW, KS, SM) | |
| Friday | Phase Trans. And Heat Treatment (IW) | Steel Technology (SM) | | Mech. Working of Materials (AM) | Literature Survey (YM, AR, IW, KS, SM) | | Group Discussion and Seminar (All faculty) | Literature Survey (YM, AR, IW, KS, SM) | |

| Sl.No. | Course Code | Course Name | Name of Faculty and Department |
|--------|-------------|---|---|
| 1 | MME 701 | Industrial Economics and Management | Dr. Tahir Ahmad Wani (HSS) |
| 2 | MME 702 | Steel Technology | Dr. Srinibash Mishra (MME) |
| 3 | MME 703 | Phase Transformation and Heat Treatment of Materials | Dr. Irfan Samad Wani (MME) |
| 4 | MME 703P | Lab. practice in Phase Transformation and Heat Treatment of Materials | Dr. Irfan S Wani, Dr Nadeem Bhat, Owais Kachroo (R/S) (MME) |
| 5 | MME 704 | Mechanical Working of Materials | Er. A. Muzaffar (MME) |
| 6 | MME 704P | Lab. practice in Mechanical Working of Materials | Er. A. Muzzafar, Sunil Patidar (R/S) (MME) |
| 7 | MME 706E | Ceramics, Glass and Polymer Technology | Dr. Yashwant Mehta (MME) |
| 8 | MME 709 | Literature Survey of Project Work | YM, AR, IW, KS, SM (MME) |
| 9 | MME 710 | Group Discussion and Seminar | All Faculty Time Table In-charge |