

BIRLA INSTITUTE OF TECHNOLOGY
MESRA, RANCHI
TIME TABLE
MONSOON 2021



w.e.f.:20.07.2021

| Department: Physics | | Programm: IMSc | | | Branch/Section: Physics | | | Semester: I | |
|---------------------|-------------------------------|--------------------------------|--------------------|-------------------|-------------------------|-----------------------------|-------------------------|---------------------|--|
| Days | Period/Time/Subject/Room No.* | | | | | | | | |
| | I 09:00-09.50 | II 10:00-10.50 | III 11:00-11.50 | IV 12:00-12.50 | V 13:30-14.20 | VI 14:30-15.20 | VII 15:30-16.20 | VIII 16:30-17.20 | |
| Monday | E&M | Chem - I | MECH | | Lunch Break | Chem - I Lab | | | |
| Tuesday | BC | E&M | MECH | | | BC Lab. | | | |
| Wednesday | Chem - I (T) | Mechanics Lab (10:00 to 14:00) | | | | | NCC/NSS/PT & Games / CA | | |
| Thursday | MECH | Chem - I | E&M | | | Electricity & Magnetism Lab | | | |
| Friday | MECH | Chem - I | E&M | | | BC | | | |

| Course Code | Course Title | Credit | Teachers |
|-------------|----------------------------------|--------|---|
| CH111 | Chemistry - I (Chem-I) | 4 | Dr. Sumit Mishra and Dr. Chandralata Bal |
| MT123 | Business Communication (BC) | 3 | Dr. Rohit Pandey, Management |
| CH112 | Chemistry - I Lab. (Chem-I Lab.) | 1.5 | Dr. Subhendu Naskar |
| MC101 | NCC | 1 | Dr. K. K. Senapati, CSE |
| MC102 | NSS | 1 | Dr. O. P. Pandey, Mechanical |
| MC103 | PT & Games | 1 | Dr. Mahendra Yadav |
| MC104 | Creative Arts (CA) | 1 | Mr. Mrinal Pathak, Architecture |
| PH 101 | Mechanics (MECH) | 4 | Dr. Rajeev Kumar, Physics |
| PH 102 | Electricity & Magnetism (E&M) | 4 | Dr. Nishi Srivastava, Physics |
| PH 103 | Mechanics Lab | 2 | Dr. Ela Sinha & Dr. Ravindra Kumar, Physics |
| PH 104 | Electricity & Magnetism Lab | 2 | Dr. S. K. Rout, Physics |

Received

Prem Prakash

(Prem Prakash)
Co-ordinator
Central Time Table, BIT Mesra

Rishi
19/7/21

Department Time Table coordinator

Asim

HOD

Vibha Rani Gupta

(Dr. Vibha Rani Gupta)
Dean (UG Studies)

Asim

**BIRLA INSTITUTE OF TECHNOLOGY
MESRA, RANCHI
TIME TABLE
MONSOON 2021**



w.e.f.:20.07.2021

| Department: Physics | | Programm: IMSc | | | Branch/Section: Physics | | | Semester: III | |
|---------------------|------------------------------------|-------------------|--------------------|-------------------|-------------------------|---|--------------------|--------------------------|-----|
| Days | Period/Time/Subject/Room No.* | | | | | | | | |
| | I 09:00-09.50 | II 10:00-10.50 | III 11:00-11.50 | IV 12:00-12.50 | V 13:30-14.20 | VI 14:30-15.20 | VII 15:30-16.20 | VIII 16:30-17.20 | |
| Monday | OE-I FDS | Chem-II Lab | | | Lunch Break | CD | Chem-II | DSA | DSA |
| Tuesday | CD | OE-I FDS | Chem-II | TP | | Thermal Physics Lab | | | |
| Wednesday | | OE-I FDS | CD | TP | | Open Elective - I Lab: Data Structure Lab | | | |
| Thursday | Classical Dynamics Lab | | | | | TP | Chem-II | NCC/ NSS/PT & Games / CA | |
| Friday | Digital Systems & Applications Lab | | | | | TP | Chem-II | DSA | DSA |

| Course Code | Course Title | Credit | Teacher |
|-------------|--|--------|---|
| CH213 | Chemistry-II (Chem-II) | 4 | Dr. S. S. Mahapatra & Dr. J. Dhar, Chemistry |
| CH214 | Chemistry-II Lab (Chem-II Lab) | 1.5 | Dr. Gyan Agarwal, Chemistry |
| CS 275 | Open Elective - I (OE-I) Fundamental of Data Structure (FDS) | 3 | Tracher from CSE |
| CS 202 | Open Elective - I Lab: Data Structure Lab | 1.5 | Tracher from CSE |
| MC201 | NCC | 1 | Dr. K. K. Senapati, CSE |
| MC202 | NSS | 1 | Dr. O. P. Pandey, Mechanical |
| MC203 | PT & Games | 1 | Dr. Mahendra Yadav |
| MC204 | Creative Arts (CA) | 1 | Mr. Mrinal Pathak, Architecture |
| PH 201 | Thermal Physics (TP) | 4 | Dr. P. K. Tiwari, Physics |
| PH 202 | Digital Systems and Applications (DSA) | 4 | Dr. S. K. Sinha, Physics |
| PH 203 | Classical Dynamics (CD) | 3 | Dr. Madhu Priya, Physics |
| PH 204 | Thermal Physics Lab | 2 | Dr. S. Keshri & Dr. Ravindra Kumar, Physics |
| PH 205 | Digital Systems & Applications Lab | 2 | Dr Sourabh Barua & Dr. D. K. Singh, Physics |
| PH 206 | Classical Dynamics Lab | 2 | Dr. Sourabh Lahiri & Dr. Madhu Priya, Physics |

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BIRLA INSTITUTE OF TECHNOLOGY
MESRA, RANCHI
TIME TABLE
MONSOON 2021



w.e.f.:20.07.2021

| Department: Physics | | Programm: IMSc | | | Branch/Section: Physics | | Semester: V | |
|---------------------|-------------------------------|----------------|-------------|-------------|-------------------------|---|-------------|-------------|
| Days | Period/Time/Subject/Room No.* | | | | | | | |
| | I | II | III | IV | V | VI | VII | VIII |
| | 09:00-09.50 | 10:00-10.50 | 11:00-11.50 | 12:00-12.50 | 13:30-14.20 | 14:30-15.20 | 15:30-16.20 | 16:30-17.20 |
| Monday | QMA | P&S | AMP | SSP | Lunch Break | Quantum Mechanics Lab | | |
| Tuesday | SSP | QMA | P&S | AMP | | Solid State Physics Lab | | |
| Wednesday | MSN | QMA | P&S | | | PE -I Lab Advanced Mathematical Physics Lab | | |
| Thursday | MSN | SSP | QMA | AMP | | PE -II Lab Materials Science and Nanotechnology Lab | | |
| Friday | MSN | SSP | P&S | | | | | |

| Course Code | Course Title | Credit | Teacher |
|-------------|---|--------|---|
| PH 301 | Quantum Mechanics and Applications (QMA) | 4 | Dr Sourabh Barua & Dr. Sourabh Lahiri, Physics |
| PH 302 | Solid State Physics (SSP) | 4 | Dr. S. K. Mukherjee, Physics |
| MA 301 | Probability and Statistics (P&S) | 4 | Teacher from Math Dept |
| PH 303 | PE -I Advanced Mathematical Physics (AMP) | 3 | Dr. S. Keshri, Physics |
| PH 306 | PE -II Lab Materials Science and Nanotechnology (MSN) | 3 | Dr. Rishi Sharma, Physics |
| PH 308 | Quantum Mechanics Lab | 2 | Dr Sourabh Barua & Dr. S. Konar, Physics |
| PH 309 | Solid State Physics Lab | 2 | Dr. Rajeev Kumar & Dr. S. K. Rout, Physics |
| PH 310 | PE -I Lab Advanced Mathematical Physics Lab | 2 | Dr. Sourabh Lahiri & Dr. S. Keshri, Physics |
| PH 313 | PE -II Lab Materials Science and Nanotechnology Lab | 2 | Dr. Sanat Kr. Mukherjee & Dr. Rishi Sharma, Physics |

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BIRLA INSTITUTE OF TECHNOLOGY
MESRA, RANCHI
TIME TABLE
MONSOON 2021



w.e.f.:20.07.2021

| Department: Physics | | Programm: MSc/IMSc | | | Branch/Section: Physics | | | Semester: I/VII | |
|---------------------|-------------------------------|--------------------|--------------------|-------------------|---|-------------------|--------------------|---------------------|--|
| Days | Period/Time/Subject/Room No.* | | | | | | | | |
| | I 09:00-09.50 | II 10:00-10.50 | III 11:00-11.50 | IV 12:00-12.50 | V 13:30-14.20 | VI 14:30-15.20 | VII 15:30-16.20 | VIII 16:30-17.20 | |
| Monday | MMP | QM | MCTP | | | | | OE | |
| Tuesday | ED | MMP | CM | | Modern Physics Lab | | | | |
| Wednesday | MCTP | CM | MMP | | | | CI | OE | |
| Thursday | | QM | ED | CM | Modern Computational Techniques & Programming Lab | | | | |
| Friday | ED | QM | | | | | CI | OE | |

| Course Code | Course Title | Credit | Teacher |
|-------------|--|--------|---|
| | Open Elective (OE) | 3 | |
| MT204 | Constitution of India (CI) | 0 | |
| PH 401 | Mathematical Method in Physics (MMP) | 3 | Dr. S. Keshri, Physics |
| PH 402 | Electrodynamics (ED) | 3 | Dr. Ela Sinha, Physics |
| PH 403 | Classical Mechanics (CM) | 3 | Dr. D. K. Singh, Physics |
| PH 404 | Quantum Mechanics (QM) | 3 | Dr. S. Konar, Physics |
| PH 405 | Modern Computational Techniques & Programming (MCTP) | 2 | Dr. Madhu Priya, Physics |
| PH 406 | Modern Computational Techniques & Programming Lab | 2 | Dr. Madhu Priya & Dr. Nishi Srivastava, Physics |
| PH 407 | Modern Physics Lab | 2 | Dr. Ela Sinha & Dr. Nishi Srivastava, Physics |

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Jyoti

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BIRLA INSTITUTE OF TECHNOLOGY
MESRA, RANCHI
TIME TABLE
MONSOON 2021



w. f.: 20.07.2021

| Department: Physics | | Programm: IMSc | | | Branch/Section: Physics | | | Semester: IX | |
|---------------------|-------------------------------|-------------------|--------------------|-------------------|-------------------------|-------------------|--------------------|---------------------|--|
| Days | Period/Time/Subject/Room No.* | | | | | | | | |
| | I 09:00-09.50 | II 10:00-10.50 | III 11:00-11.50 | IV 12:00-12.50 | V 13:30-14.20 | VI 14:30-15.20 | VII 15:30-16.20 | VIII 16:30-17.20 | |
| Monday | NCE | NPP | AE | | | | AEP | QTS/PP/FIO | |
| Tuesday | | AEP | QTS/PP/FIO | | Physics Laboratory V | | | | |
| Wednesday | NCE | NPP | AE | | QTS/PP/FIO | | | | |
| Thursday | QTS/PP/FIO | AEP | | | Physics Laboratory IV | | | | |
| Friday | NCE | NPP | AE | | | | | | |

| Course Code | Course Title | Credit | Teacher |
|-------------|---|--------|--|
| SAP 3301 | Nuclear and Particle Physics (NPP) | 3 | Dr. R. K. Paul, Physics |
| SAP 3007 | Advanced Electrodynamics (AE) | 3 | Dr. Sourabh Lahiri, Physics |
| SAP 3115 | Advanced Experimental Physics (AEP) | 3 | Dr. D. K. Singh, Physics |
| SAP 3011 | Elective: Quantum theory of solids (QTS) | 4 | Dr. S. K. Rout, Physics |
| SAP 3009 | Elective: Plasma Physics (PP) | 4 | Dr. R. K. Paul, Physics |
| SAP 3017 | Elective: Fiber and Integrated Optics (FIO) | 4 | Dr. Kingshuk Bose, Physics |
| SAP 3002 | Physics Laboratory IV - Advanced Materials Science Laboratory | 2 | Dr. R. K. Paul, Physics |
| SAP 3104 | Physics Laboratory V | 2 | Dr. Kingshuk Bose & Dr. D. K. Singh, Physics |
| ME4005 | Non Conventional Energy (NCE) | 3 | Prof. Praveen James Sanga, Mechanical |

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MONSOON 2021



w.e.f.:20.07.2021

| Department: Physics | | Programm: MSc | | | Branch/Section: Physics | | | Semester: III | |
|---------------------|-------------------------------|-------------------|--------------------|-------------------|-------------------------|-------------------|--------------------|---------------------|--|
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| Monday | LPA | N&PP | FM | | | | | | |
| Tuesday | FM | AQM | N&PP | | | | | | |
| Wednesday | | | | | | | | | |
| Thursday | | AQM | LPA | FM | | | | | |
| Friday | FM | AQM | LPA | N&PP | | | | | |
| | | | | | LPA | AQM | N&PP | | |

| Course Code | Course Title | Credit | Teacher |
|-------------|--|--------|---|
| PH 501 | Nuclear and Particle Physics (N&PP) | 4 | Dr. Ela Sinha, Physics |
| PH 502 | Advanced Quantum Mechanics (AQM) | 4 | Dr. Ravindra Kumar, Physics |
| PH 503 | Laser Physics and Applications (LPA) | 4 | Dr. Rajeev Kumar, Physics |
| PH 506 | Programme Elective-V Functional Materials (FM) | 4 | Dr. S. K. Rout, Physics |
| PH513 | Laser Physics Lab | 2 | Dr. D. K. Singh & Dr. Ravindra Kumar, Physics |
| PH 500 | Project Phase-I | 4 | |

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w.e.f.:20.07.2021

| Department: Physics | | Programm: IMSc | | | | Branch/Section: Physics | | Semester: V | |
|---------------------|-------------------------------|-------------------|--------------------|-------------------|------------------|---|--------------------|---------------------|--|
| Days | Period/Time/Subject/Room No.* | | | | | | | | |
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| Monday | QMA | P&S | AMP | SSP | Lunch Break | Quantum Mechanics Lab | | | |
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