**E-content Details**

**Name of Faculty:** Dr. Anil Kumar

**Department:** Mathematics

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| **Sr. No.** | **Topic** | **Link of e-content** |
| 1 | Compact Metric Space | <https://youtu.be/F-mTO6ZzYvw?si=FV1u3e-c0K4BTqV1> |
| 2 | Curvature and Radius of Curvature | <https://youtu.be/pRHPgaGg-Eo?si=21N8kn2i2Qd1nIWj> |
| 3 | Partial Differential Equation | <https://youtu.be/Gednu_fGNfI?si=9w7SyXtn8328_h6s> |
| 4 | Classification of PDE | <https://youtu.be/Wv7cK31AFDc?si=JPNjbw4jylbE0pfD> |
| 5 | Solution of one dimensional wave equation | <https://youtu.be/68nXOZaspsA?si=V-zuEoKwRgbguGcK> |
| 6 | Asymptotes | <https://youtu.be/RdsKpdArhyc?si=-92FfrnNrUJ4NeSU> |
| 7 | Vector Spaces and Subspaces | <https://youtu.be/TiUaQE345hw?si=uHUSQcMbVTNDcjmN> |
| 8 | Laplace Transformation | <https://youtu.be/qqMP_-_MTRc?si=zGieMD005Gq30PKk> |
| 9 | Matrix representation of linear transformation | <https://youtu.be/4MO79hv_70U?si=H5o-DZUjw1m4BJHc> |
| 10 | Inner Product Space | <https://youtu.be/qNEZtD2F2hk?si=ba7C2cfKqvAEXx57> |

**E-content Details**

**Name of Faculty:** Dr. Minakshi

**Department:** Mathematics

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| **Sr. No.** | **Topic** | **Link of e-content** |
| 1 | Differential Equations | <https://youtu.be/n_POD9xmvEM?si=C1t4oeQTJzRsBiX4>  <https://youtu.be/QIMPOaNzGU?si=EkYNuFSosnUQHDsn> |
| 2 | Gauss Quadrature Formula | <https://youtu.be/sG6qSzfBJC0?si=vzlVqoSkDQwxQqZn> |
| 3 | Orthogonal and Unitary Matrics | <https://youtu.be/1UNZLmrPtzY?si=lz5puP9v61_iSMmi> |
| 4 | Interpolation with unequal Intervals | <https://youtu.be/x4OWjOSJNCk?si=mI382dETD5k4FZJ8> |
| 5 | Interpolation with equal Intervals | <https://youtu.be/SfAS1FTCmg0?si=ttByz_m605slOxT4> |
| 6 | Friction | <https://youtu.be/OHCVZhTBqR0?si=nqBnPRO95aZB7URx> |
| 7 | Numerical Methods to solve ODE | <https://youtu.be/CD_zHw15Fik?si=hJCuqWKk4oKr8Y4n> |
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**E-content Details**

**Name of Faculty: Dr. Rashmi**

**Department:English**

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| **Sr. No.** | **Topic** | **Link of e-content** |
| 1 | Adjectives | <https://youtu.be/7v7RNnWUfAo?si=qcu_nNQ9vIBn0GUR> |
| 2 | Pronoun | <https://youtu.be/EJbRppe2MpQ?si=fAud-IahfihMbElu> |
| 3 | Noun | <https://youtu.be/WMPRfcItTVY?si=isAAgyJSyj2fMuB9> |
| 4 | The Bangles sellers | <https://youtu.be/2gNrK6KIclc?si=eK5uKdn386VRT3M7> |
| 5 | The World is too Much With us | <https://youtu.be/wVVUG8xi5t8?si=JSWw-NLoOkI8wiY-> |
| 6 | Where the Mind is Without Fear | <https://youtu.be/-g-s5a9nSNE?si=RC7w-mtEC6zUDJgW> |
| 7 | When you are Old | <https://youtu.be/0q7kZznwzu8?si=a3n7AWyHZf_K8rZQ> |
| 8 | Kanthapura | <https://youtu.be/XHDHkGYK1I8?si=O5fOTHJiCCLxN2NU> |
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**E-content Details**

**Name of Faculty: Dr. PARAMJEET**

**Department: Physics**

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| **Sr. No.** | **Topic** | **Link of e-content** |
| 1 | Miller Indices (Solidstate) | <https://drive.google.com/file/d/1j_g9MZSBuy9m-ZJCIQaGYf70lg0j5bRD/view?usp=drivesdk> |
| 2 | Optics I (F T 1) | <https://drive.google.com/file/d/1gjBu2VgAL4MarLGFmnfiWC9wr5VRQeh1/view?usp=drivesdk> |
| 3 | Optics I (F T 2) | <https://drive.google.com/file/d/1hx_POSWSKJKdeHc3FuOhRNkwEizH2Ub7/view?usp=drivesdk> |
| 4 | Solid state 1 | <https://drive.google.com/file/d/1hlvGSJZzwmUQ281SSFHm0TbTh9deGgZB/view?usp=drivesdk> |
| 5 | Solid state 2 | <https://drive.google.com/file/d/1iUTtFBuYVdVQXymTI2iiIpiFJHTWyBKt/view?usp=drivesdk> |
| 6 | Electronics 1 | <https://drive.google.com/file/d/1jGeRGZ-CxGfzdaKYUvKQV9ibMtjrU5UP/view?usp=drivesdk> |
| 7 | Solid state 3 | <https://drive.google.com/file/d/1j-ih4ZMZ-e1E4mmtWEqom2o96nbyZXYO/view?usp=drivesdk> |
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**E-content Details**

**Name of Faculty:** Ms. Monika

**Department:** Chemistry

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| **Sr. No.** | **Topic** | **Link of e-content** |
| 1 | Basics of Electrochemistry | <https://www.youtube.com/watch?v=xhbyuzVHF2w&t=943>  s |
| 2 | Quantitative Analysis of Basic Radicals | <https://www.youtube.com/watch?v=M2juLMS2hv0> |
| 3 | Concept of Acidic and Basic Radicals | <https://www.youtube.com/watch?v=IH3gNYcTfmw> |