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| **Sr. No.** | **Title of course with code** | **Topic** | **Sub topic/ Key Words** | **Link** |
| 1 | **Nuclear Chemistry Paper- VI** | Chapter No.- 1 | Lecture No.- 1  Mass distribution curve | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI2MTE3ODkxNzI4/details> |
|  |  |  | Lecture No. 2  Fission neutrons | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI2NTEzOTA1MDQ1/details> |
|  |  |  | Lecture No.- 3  Theory of nuclear fission | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI2NTE1MTA4ODg0/details> |
|  |  |  | Lecture No.- 4  Fission energy | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI2NjUwNDk3NTA0/details> |
|  |  |  | Lecture No.- 5  Fission energy magnitude | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI2NjU1ODY5MDQ4/details> |
|  |  |  | Lecture No.- 6  Classification of reactors | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI2NjYwMjkyNjk2/details> |
|  |  |  | Lecture No.- 7  Natural uranium reactors | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI3MDMyOTE1NDkz/details> |
|  |  |  | Lecture No.- 8  Four factor formula | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI3MDQ0NjI5MTk5/details> |
|  |  |  | Lecture No.- 8  Four factor formula | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI3NDY4MzU2NzI5/details> |
|  |  |  | Lecture No.- 9  Breeder reactor | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI3NDY2Mjc2OTg2/details> |
|  |  |  | Lecture No.- 10  Indian reactor | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI3NDYyODc1Mjg4/details> |
|  |  |  | Lecture No.- 11  Preparation of radioisotopes | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI4MDg2MjQ5ODUy/details> |
|  |  |  | Lecture No.- 12  Szilard- Chalmers reaction | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI4MDkwNzMzOTgz/details> |
|  |  |  | Lecture No.- 13  Problems | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI4NTkyNzIyMDE2/details> |
|  |  |  | Lecture No.- 14  Preparation of Br | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI4NTk0NDIwOTI0/details> |
|  |  |  | Lecture No.- 15  Radiochemical Principle | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI4NTk3OTY2Mjkz/details> |
|  |  |  | Lecture No.- 16  Radiometric titration | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI5MTE0ODg4Nzk1/details> |
|  |  |  | Lecture No.- 17  Isotope dilution analysis | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI5MTE1NTcwMTU0/details> |
|  |  |  | Lecture No.- 18  Neutron activation analysis | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI5MTIwMjIwODIx/details> |
|  |  |  | Lecture No.- 19  Biological effects of radiation | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI5NDU3NDIzODcy/details> |
|  |  |  | Lecture No.- 20  Radiation safety precautions | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI5NDU5Njk1MDky/details> |
|  |  |  | Lecture No.- 21  Crockcroft accelerator | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzI5NTcwMDM1NDIx/details> |
|  |  |  | Lecture No.- 22  Van De Graff accelerator | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzM0MTY1NTQ3NDg1/details> |
|  |  |  | Lecture No.- 23  Wideroe accelerator | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzM0NzM1NTM2MzAy/details> |
|  |  |  | Lecture No.- 24  Cyclotron | [**https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzM1MjIwOTQ5NDI2/details**](https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzM1MjIwOTQ5NDI2/details) |
|  |  |  | Lecture No.- 25  Scintillation counter | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzM4Mzk1NzI0ODQx/details> |
|  |  |  | Lecture No.- 26  Neutron detector | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzM4NjcxMzU0NDc2/details> |
|  |  |  | Lecture No.- 27  Semiconductor detector | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzM4Nzg0MDQzMDY5/details> |
|  |  |  | Lecture No.- 28  Junction type detector | <https://classroom.google.com/c/MTM5MzI4OTYwMTM2/m/MzM4NzgzMjExNDUx/details> |