Version – 2 (Valid from 1.9.2014)

UPDATES AREAS IN THE ROLLING ADVERTISEMENT

DEPARTMENTS:


2. **BIOCHEMICAL ENGG. & BIOTECHNOLOGY**: Chemical Engg. and Biochemical Engg.


4. **CHEMISTRY**: All areas of Chemistry.


7. **ELECTRICAL ENGG.**: In all areas of Electrical Engineering including Electronics & Circuits, Control & Automation, Communication & Radar, Computer Technology, Power Systems, Power Electronics, Machines & Drives.

8. **HUMANITIES & SOCIAL SCIENCES**: Economics, English (Literature), Linguistics, Philosophy, Policy Studies, Psychology, Sociology.

10. **MATHEMATICS**: All areas of Mathematics.

11. **MECHANICAL ENGG.**: Mechanical Design, Production Engg., Industrial Engg., Thermal Engg. (For more details about specific areas visit [http://mech.iitd.ac.in](http://mech.iitd.ac.in)).

12. **PHYSICS**: High Energy Physics (Field Theory/Cosmology/GTR/Gravitation), Condensed Matter Theory (included Computational Materials Science), Experimental Ultrafast Optics, Quantum Photonics, Plasma Physics (ITER/Space population devices).


**CENTRES**:


15. **ATMOSPHERIC SCIENCES**: Ocean Modelling, Climate Modelling, Meso-scale Studies, Atmospheric dispersion.

16. **BIOMEDICAL ENGG.**: Bioelectronics, Biomechanics, Bioinstrumentation, Biomaterials.

18. **INDUSTRIAL TRIBOLOGY, MACHINE DYNAMICS & MAINTENANCE ENGG.** Maintenance Engineering and Reliability, Condition Monitoring, Lubrication, Tribological Materials.


20. **POLYMER SCIENCE AND ENGINEERING**: Polymer Chemistry/Synthesis, Polymer Blends and Composites, Polymer Rheology and Processing, Polymer Technology, Polymer Nano Composites.

21. **RURAL DEVELOPMENT AND TECHNOLOGY**: Rural energy systems, Water sanitation and habitat technologies, Food technology (processing, food quality and safety).

22. **NATIONAL RESOURCE CENTRE FOR VALUE EDUCATION IN ENGG**: Philosophy of Values, Professional Ethics, Integration of Science, Technology and Human Values, Traditional Knowledge Systems and Values.

**SCHOOLS:**


25. **KUSUMA SCHOOL OF BIOLOGICAL SCIENCES**: In-silico Biology Applications, Systems Biology, Infection Biology, Neurodegeneration.