

# IIT Kharagpur

| Course                               | Type  | GATE Paper                              | GEN   | OBC   | SC    | ST    |
|--------------------------------------|-------|-----------------------------------------|-------|-------|-------|-------|
| Aerospace Engineering                | Major | AE                                      | 606   | 611   | 395   | 328   |
|                                      | Minor | ME,CE,XE-E,XE-D,XE-B                    | 791   | 749   | 556   | 446   |
| Farm Machinery and Power             | Major | AG                                      | 524   | 503   | 322   | 461   |
|                                      | Minor | ME                                      | 745   | -     | -     | -     |
| Land and Water Resources Engineering | Major | AG                                      | 517   | 434   | 252   | 475   |
|                                      | Minor | CE                                      | 703   | -     | -     | -     |
| Food Process Engineering             | Major | AG                                      | 522   | 413   | 301   | 469   |
|                                      | Minor | CH,ME,XE-G                              | 749   | 663   | 498   | 379   |
| Agricultural Biotechnology           | Major | BT, XL-L, XL-M                          | 666   | 563   | 493   | 293   |
|                                      | Minor | XL-I,XL-J,XL-K                          | 599   | 442   | 332   | 228   |
| Aquacultural Engineering             | Major | AG                                      | 392   | 322   | 190   | 183   |
|                                      | Minor | CH,CE,XE-B, XE-D                        | 572   | 477   | 388   | -     |
| Agricultural Systems and Management  | Major | AG                                      | 461   | 336   | 218   | 183   |
|                                      | Minor | XL-J,XL-I,XL-K                          | 512   | -     | 257   | -     |
| City Planning*                       | Major | AR                                      | 615.6 | 455.9 | 455.2 | 350.2 |
| Embedded Controls and Software       | Major | CS, EC, EE, IN                          | 812   | 753   | 582   | 474   |
| Biotechnology and Biochemical Engg*  | Major | BT                                      | 713.1 | 499.5 | 524.2 | 469.8 |
|                                      | Minor | XL-I,XL-K,CH                            | 543.1 | -     | 523.6 | -     |
| Hydraulic and Water Resources Engg   | Major | CE                                      | 702   | 651   | 521   | 403   |
| Transportation Engineering           | Major | CE                                      | 721   | 695   | 559   | 440   |
| Environmental Engg, and Management   | Major | CE                                      | 709   | 636   | 529   | 411   |
|                                      | Minor | CH                                      | 591   | -     | -     | -     |
| Geotechnical Engineering             | Major | CE                                      | 717   | 662   | 541   | 459   |
| Structural Engineering               | Major | 791                                     | 741   | 570   | 455   | 431   |
| Chemical Engineering                 | Major | CH                                      | 595   | 495   | 373   | 206   |
| Earth System Science and Technology  | Major | PH, MA, GG, CE, AG, AE, ME              | 638   | 572   | 499   | 348   |
|                                      | Minor | XE-B,XE-E                               | 353   | 376   | 347   | -     |
| Cryogenic Engineering                | Major | AG,AE, XE-B,XE-C, CH,XEE,EE,ME,MT,PH,IN | 765   | 703   | 529   | 391   |
| Computer Science and Engineering *   | Major | CS                                      | 826.5 | 747   | 640.7 | 538.5 |
| Microelectronics and VLSI Design     | Major | EC                                      | 863   | 817   | 631   | 580   |
| RF and Microwave Engineering         | Major | EC                                      | 815   | 763   | 585   | 471   |

|                                                     |       |                      |       |       |       |       |
|-----------------------------------------------------|-------|----------------------|-------|-------|-------|-------|
| Telecommunication Systems Engg,                     | Major | EC                   | 824   | 772   | 608   | 490   |
| Visual Information and Embedded Systems Engineering | Major | EC                   | 822   | 767   | 589   | 485   |
| Machine Drives and Power Electronics                | Major | EE                   | 789   | 740   | 575   | 511   |
| Control System Engineering                          | Major | EE                   | 784   | 720   | 572   | 818   |
|                                                     | Minor | EC, AE, IN           | 809   | 765   | 630   | -     |
| Power and Energy Systems                            | Major | EE                   | 781   | 712   | 585   | 510   |
| Instrumentation and Singnal Processing              | Major | IN                   | 755   | 674   | 487   | 238   |
|                                                     | Minor | EC, EE               | 809   | 759   | 621   | -     |
| Multimedia Information Processing                   | Major | CS,EC,EE,IN          | 792   | 717   | 582   | 474   |
| Exploration Geosciences                             | Major | GG                   | 350   | 297   | 186   | 191   |
| Infrastructure Design and management                | Major | AR, CE               | 699   | 627   | 513   | 400   |
|                                                     | Minor | ME, EE               | 768   | 707   | 540   | 399   |
| Industrial Engineering and Mgmt                     | Major | ME,PI                | 786   | 712   | 564   | 437   |
|                                                     | Minor | AG,CE,CH,CS,EC,EE,MN | 778   | 705   | 559   | 429   |
| Information Technology*                             | Major | CS                   | 805.6 | 716.6 | 621.4 | 455.3 |
| Computer Science and Data Processing                | Major | MA                   | 389   | 389   | -     | -     |
|                                                     | Minor | EE,EC,PH             | 795   | 699   | 547   | 460   |
| Manufacturing Science and Engg                      | Major | ME                   | 792   | 718   | 564   | 494   |
|                                                     | Minor | PI,MT                | 735   | 644   | 584   | 380   |
| Thermal Science and Engineering                     | Major | ME                   | 800   | 725   | 568   | 529   |
|                                                     | Minor | AE,XE-B,XE-E         | 353   | 501   | -     | -     |
| Mechanical systems Design                           | Major | ME                   | 798   | 722   | 565   | 491   |
|                                                     | Minor | AE                   | 606   | 606   | 355   | 339   |
| Mining Engineering                                  | Major | MN                   | 434   | 350   | 302   | 392   |
|                                                     | Minor | CE,ME,GG, PI         | 783   | 706   | 545   | 425   |
| Materials Science and Engineering                   | Major | CY,PH                | 443   | 334   | 362   | 244   |
|                                                     | Minor | XE-C,XE-F            | 536   | 301   | 381   | 193   |
| Metallurgical and Materials Engineering             | Major | MT                   | 513   | 410   | 334   | 222   |
|                                                     | Minor | XE-C                 | 393   | -     | -     | -     |
| Ocean Engineering and Naval Architecture            | Major | ME,CE,AE             | 762   | 700   | 537   | 427   |
|                                                     | Minor | XE-B,XE-D,XE-E       | 421   | 370   | 444   | -     |
| Solid State Technology*                             | Major | PH                   | 347.3 | 298.3 | 382.3 | -     |
|                                                     | Minor | CY, EC, XE-C         | -     | 758.7 | 547.5 | -     |

|                                  |       |                   |       |       |       |     |
|----------------------------------|-------|-------------------|-------|-------|-------|-----|
| Reliability Engineering          | Major | AE,CE,CH,ME,MN,   | 758   | 695   | 544   | 425 |
|                                  |       | MT,PI,CS,EE,IN,EC |       |       |       |     |
|                                  | Minor | XE-C              | -     | -     | -     | -   |
| Rubber Technology*               | Major | CH,CY,ME,PI,TF    | 549.1 | 565.7 | 521.4 | -   |
|                                  | Minor | XE-F,XE-C,XE-E    | 645.9 | 512.9 | 458.2 | -   |
| Medical Imaging and Informatics* | Major | IN,EC,EE,CS       | 669.1 | 642.1 | 581.1 | -   |
|                                  | Minor | XE-B,BT,PH,MA     | 692.1 | -     | 470.9 | -   |
| Water Engineering and Management | Major | AG,CE             | 690   | 618   | 517   | 396 |
|                                  | Minor | CH,MN             | 583   | -     | -     | -   |

