



PG Department of **ELECTRONICS and
INSTRUMENTATION TECHNOLOGY**
University of Kashmir

No. *F.(Certificat.)/Sec/KU/18*

Date: *27/11/18*

CERTIFICATE


It is certified that the courses enclosed herewith have been introduced in the M. Sc. Electronics programme during the last five years (2013-2017). Besides, all the courses of M. Tech. (Embedded Systems and Solutions) have been introduced during the last five years.

A handwritten signature in blue ink, appearing to read 'Dr. M. Tariq Banday'.

(Dr. M. Tariq Banday)
Head of the Department

List of New Courses Introduced

1. Electronics for Hobbyists-ELE15430OE
2. Basic Electrical and Electronics Engineering-ELE15120OE
3. Computing and Informatics-II-ELE15222OE
4. Digital Image Processing-ELE15423GE
5. Basic Electronic Devices and Circuits-ELE15223OE
6. Engineering Mathematics-ELE15114GE
7. Optical Communication and Networks-ELE15214GE
8. Cryptography and Information Security-ELE15325GE
9. Signals and Systems-ELE15115GE
10. CMOS VLSI and Nano Electronics II-ELE15215GE
11. CMOS VLSI and Nano-Electronics I (MOSFET Theory) -ELE15116GE
12. Advanced Communication Systems-ELE15317GE
13. Computer Organization and Architecture-ELE15417GE
14. Data and Computer Communication-ELE15117GE
15. Simulation and Modeling using MATLAB-ELE15217GE
16. Electronic Equipment and Maintenance-ELE15327OE
17. Programming and Problem Solving Techniques-ELE15118GE
18. Data Structures-ELE15218GE
19. Basic Radio and TV Engineering-ELE15328OE
20. Mobile Communication-ELE15419GE
21. Wireless Adhoc and Sensor Networks-ELE15219GE
22. Computing and Informatics-I-ELE15119OE
23. Microcontrollers, Architecture, Interfacing and Programming-ELE15305DCE
24. Advanced Communication Systems-ELE15306DCE
25. Digital System Design using HDL-ELE15307DCE
26. Speech and Audio Processing-ELE15308DCE
27. CMOS VLSI and Nano-Electronics-III-ELE15309DCE
28. RF Engineering-ELE15310DCE
29. Microwave Integrated Circuits(MICs)-ELE15311DCE
30. Soft Computing and Neural Networks-ELE15312DCE
31. Coding Theory-ELE15313DCE
32. Cryptography and Information Security-ELE15314DCE
33. Advanced Microprocessors-ELE15315DCE
34. Digital Image Processing-ELE15411DCE
35. Cyber Security and Forensics-ELE15413DCE
36. Embedded System Design-ELE15415DCE
37. Computer Organization and Architecture-ELE15405DCE
38. Multimedia Technology and Security-ELE15406DCE
39. Broadband Wireless Networks-ELE15414DCE
40. Modeling and Simulation of Wireless Communications Systems-ELE15416DCE
41. Mobile Communication-ELE15407DCE
42. CMOS VLSI and Nano Electronics-IV-ELE15408DCE
43. Fundamentals of RF Circuit Design-ELE15409DCE
44. Bio-Medical Instrumentation-ELE15410DCE
45. Parallel Computation and Architecture-ELE15412DCE
46. Engineering Mathematics-ELE15105DCE
47. Signals and Systems-ELE15106DCE
48. CMOS VLSI and Nano-Electronics –I-ELE15107DCE
49. Data and Computer Communication-ELE15112DCE
50. Programming and Problem Solving Techniques-ELE15113DCE
51. Optical Communication and Networks-ELE15206DCE
52. CMOS VLSI and Nano-Electronics-II-ELE15207DCE
53. VLSI Technology-ELE15205DCE
54. Design and Analysis of Active Filters-ELE15208DCE
55. Simulation and Modeling using MATLAB-ELE15209DCE
56. Data Structures-ELE15210DCE
57. Wireless Adhoc and Sensor Networks-ELE15211DCE
58. Communication Hardware Design-ELE15212DCE


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