M.Tech Nano Science and Technology

Program Outcomes for 2015 regulation:

a) An ability to apply knowledge of computing, mathematics, science and engineering for micro and nano scale devices.

b) An ability to Identify, formulate, research literature and analyse micro and nanoscale devices

c) An ability to design a program, process, component to meet desired specifications with realistic constraints

d) An ability to design, conduct experiment, implement, analyse and test the system to provide valid solutions

e) An ability to use the techniques, skills and modern EDA tools necessary for design and test of micro and nano devices.

f) An ability to analyse the impact of nanostructures on device design engineering solutions for the society and will be aware of contemporary issues

g) An ability to design a nanomaterials for making devices sustainable to social and environmental issues

h) An ability to function effectively as an individual or as a member or leader in a team

i) An ability to communicate effectively in both verbal and written form

j) An ability to keep abreast with state of art technologies through lifelong learning

k) An ability to apply knowledge of design and development tools for product development using appropriate management techniques with optimum expenditure