

5 Year Dual Programme

Program Educational Objectives

DECE PEO1

To have the flexibility to practice their critical thinking and problem-solving skills in distinct environments.

DECE PEO2

To offer graduates the remarkable opportunity to complete two specialized programs, either M.Tech or MBA, in five years.

DECE PEO3

To impart research skills or management competence amongst the graduates with professional and ethical attitudes.

DECE PEO4

To boost graduates fully equipped with core expertise to have a prosperous professional career in the Electronics/Communication industry/research/entrepreneurship.

DECE PEO5

To systematically build up a broad foundation and depth knowledge, matched with individual interest, creating a positive impact in society.

DECE PROGRAM OUTCOMES

PO1

Program recipients will be competent to exercise science, technology, engineering, and mathematical know-how in formulating and analyzing everyday VLSI or Wireless Communication & Network related problems.

PO2

Graduates will be able to cater to engineering inquests, solving processes to figure out VLSI Design or Wireless Communication & Networks problems.

PO3

Alumnus will seize the skill to design and implement practical problems and meaningfully evaluate and interpret the data.

PO4

Degree recipients will acquire the appropriate tools to solve fundamental and advanced problems in WCN or VLSI.

PO5

Graduates will have the proficiency to tackle multidisciplinary systems in a fast advanced, globally varying environment.

PO6

Alumnus will acquire the capabilities to handle interdependent matters they unearth in their professional career.

PO7

Alumnus will cherish the necessity for life-long learning and have all theoretical and practical adaptability in treating it.

PO8

Graduates will cater full expedite in analyzing, designing, and solving complex integrated circuits and wireless communication & networks problems.

PROGRAM-SPECIFIC OUTCOMES

PSO1

Throughout the study, core subjects will emphasize electronics and communication, and other deal with higher in-depth knowledge in integrated circuits or Wireless Communication & networks that match their interests.

PSO2

The program has the most impactful theoretical and laboratory subjects, research-oriented dissertation, independent projects in VLSI or WCN and allied areas.

PSO3

The program enables graduates to gain real-time research and industrial problem handling experience from collaborative industrial or research labs projects done on c