

## RELATIONSHIP OF PROGRAM OUTCOMES TO PROGRAM EDUCATIONAL OBJECTIVES

Program Outcomes	Employment in a discipline appropriate to the degree	Achieve recognition as a valued employee through varied forms of promotion or merit	Demonstrate high standard of ethical and social values	Continue education through varied means including advanced degrees
a) An appropriate mastery of the knowledge, techniques, skills and modern tools of their disciplines	X	X		X
b) An ability to apply current knowledge and adapt to emerging applications of mathematics, science, engineering and technology	X	X	X	X
c) An ability to conduct, analyze and interpret experiments and apply experimental results to improve processes	X	X		X
d) An ability to apply creativity in the design of systems, components or processes appropriate to program objectives	X	X	X	X
e) An ability to function effectively on teams	X	X	X	X
f) An ability to identify, analyze and solve technical problems	X	X		X
g) An ability to communicate effectively.	X	X	X	X
h) Recognition of the need for, and an ability to engage in lifelong learning		X		X
i) An ability understand professional, ethical and social responsibilities		X	X	X

j) A respect for diversity and knowledge of contemporary professional, societal and global issues			X	X
k) A commitment to quality, timeliness, and continuous improvement		X		X