

## Mathematics Programme Learning Outcomes

Programme intended Learning Outcomes According to **NCAAA** :

NCAAA Domain	code	Intended Learning Outcomes
By successful completion of the programme , students would be able to		
<b>A Knowledge</b>	<b>a1</b>	Understanding and grasping the bases of mathematics in its various branches
	<b>a2</b>	Being informed about present scientific researches on the latest developments in the field of Mathematics
	<b>a3</b>	Preparing students for professional practice through mini-education model
<b>B Cognitive Skills</b>	<b>b1</b>	Giving students the ability to solve exercises , tutorials and accomplish systematic researches
	<b>b2</b>	Using computer programs in solving mathematical exercises and problems
	<b>b3</b>	Training students to use logical and creative thinking and have the ability to face and solve problems
<b>C Interpersonal Skills and Responsibility</b>	<b>c1</b>	Students take responsibility for self-learning by using references, books and scientific journals
	<b>c2</b>	Students' ability to develop communication skills
	<b>c3</b>	The practice of group leadership in a variety situations requiring innovative responses
<b>D Communication and Numerical Skill</b>	<b>d1</b>	Student's ability to determine statistical or mathematical methods when studying the issues and problems and to apply them creatively
	<b>d2</b>	Preparing students to participate in forums, workshops and conferences
	<b>d3</b>	Effective oral and writing Communication, and present different issues to different learners appropriately
<b>E Psychomotor Skills</b>		Not Applicable