

AUXILIUM COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(An ISO 9001: 2015 Certified Institution)

Affiliated to Bharathidasan University, Tiruchirappalli -24

Managed by Salesian Sisters, Trichy

Regunathapuram (PO), Karambakudi (TK), Pudukkottai (DT) - 622302.

ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOMES

COURSE OUTCOME – PROGRAMME OUTCOME MAPPING

FOR DEPARTMENT OF MATHEMATICS

PROGRAM OUTCOME

PO1	Obtain through knowledge in pure and applied Mathematics
PO2	Obtain a basic knowledge in research and methodology
PO3	Promote a research platform to do projects
PO4	Receive training to face SET /NET examinations
PO5	Develop a skill to analysis a scientific and social problems for multidiscipline subjects

COURSE-COMPLEX ANALYSIS

COURSEOUTCOME

C01	Define analytic function and carry out conformal mappings with complex numbers.
C02	Evaluate a contour integral using fundamental theorem in complex integration and Cauchy's integral formula.
C03	Acquire the knowledge of Local Properties of Analytic Functions, The Open Mapping Theorem
C04	Understand the concept of The General Form of Cauchy's Theorem, Proof of Cauchy's Theorem.
C05	Define Harmonic Functions, Schwarz's Theorem, The Reflection Principle, Power series Expansions, Weierstrass's Theorem.

PO→C O↓	PO1	PO2	PO3	PO4	P05
CO1	2	2	2	3	0
CO2	2	0	2	2	0
CO3	2	1	3	2	0
CO4	2	0	2	2	0
CO5	2	0	2	1	0
Average	2	0.6	2.2	2	0

Internal Examination Mark Distribution for each Course outcome

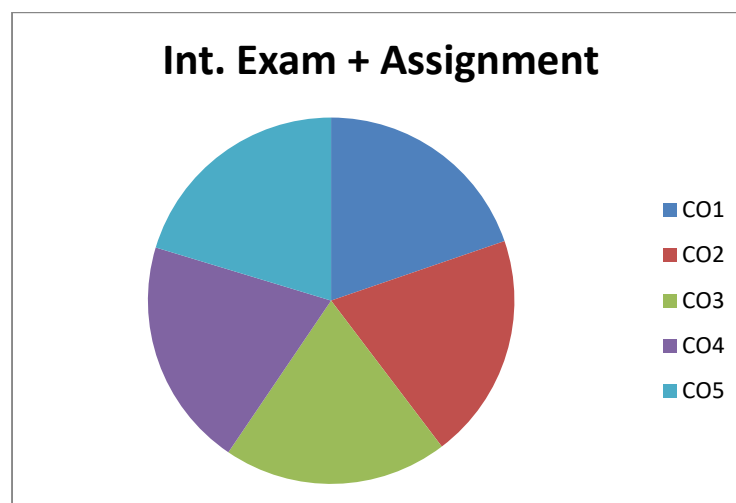
CO	Internal	Assignment
CO1	4	1
CO2	4	1
CO3	4	1
CO4	4	1
CO5	4	1
Total	20	5

STUDENTNAME	CO1	CO2	CO3	CO4	CO5	TOTAL	AVERAGE
ASIKAS	5	5	5	5	5	25	100
BUVANAS	5	5	5	5	5	25	100
BUVANESWARIR	5	5	5	5	5	25	100
DEEPIKAG	5	5	5	5	5	25	100
DHAVASELVIR	5	5	5	5	5	25	100
DIVYAR	5	5	5	5	5	25	100
ELAKKIYAP	5	5	5	5	5	25	100
ESWARIK	5	5	5	5	5	25	100
GAYATHRIR	5	5	5	5	5	25	100
HELANVIMALDA	5	5	5	4	5	24	96
ISWARYAG	5	5	5	5	5	25	100
JAYADURGAM	5	5	5	5	5	25	100
JEGADEESHWARIJ	5	5	5	5	5	25	100
JULIETA	5	5	5	5	5	25	100
JUVAIRIYABEGAMA	5	4	4	5	4	22	88
KALAIMATHIS	4	5	5	5	5	24	96
KANAGAT	5	5	5	5	5	25	100
KANIMOZHIC	5	5	4	5	5	24	96
KAYALVIZHIB	5	5	5	5	5	25	100
KAYALVIZHIK	5	5	5	5	5	25	100
KEERTHIKAM	5	4	4	4	5	22	88
LAKSHMIPRIYAK	5	5	5	5	5	25	100
MAHESHWARIR	5	5	5	5	5	25	100
NANTHINIS	5	5	5	5	5	25	100
NATHIYAP	3	4	4	5	4	20	80
PARAMESHWARIT	4	4	3	5	4	20	80
RAJESHWARIM	5	5	5	5	5	25	100
RANJANIR	4	4	5	5	5	23	92
SIMRANR	4	4	4	3	5	20	80
SOUNDARYAC	5	5	5	5	5	25	100
VENNILAT	4	5	5	5	5	24	96
VIDONIA	5	5	5	5	5	25	100

VIJIM	4	5	5	5	5	24	96
VIMALAG	4	4	4	4	4	20	80
Average	4.74	4.79	4.76	4.85	4.88		

Expected Attainment in each CO - 85%

CO	Int. Exam + Assignment	End Sem	Total	%
CO1	4.74	75	79.74	93.8
CO2	4.79	75	79.79	93.9
CO3	4.76	75	79.76	93.8
CO4	4.85	75	79.85	93.9
CO5	4.88	75	79.88	94.0



COURSE-LINEARALGEBRA

COURSE OUTCOME

CO6	Acquire knowledge about bases and dimension.
CO7	Understand the linear transformation using matrices.
CO8	Understand the polynomial ideals and the prime factorization of
CO9	Acquire knowledge about Permutations and the uniqueness of determinants.
CO10	Differentiate the triangulization and diagonalization.

PO→ CO↓	PO1	PO2	PO3	PO4	P05
CO6	2	2	2	3	0
CO7	2	0	2	2	0
CO8	2	1	3	2	0
CO9	2	0	2	2	0
CO10	2	0	2	1	0
Average	2	0.6	2.2	2	0

Internal Examination Mark Distribution for each Course outcome

CO	Internal	Assignment
CO6	4	1
CO7	4	1
CO8	4	1
CO9	4	1
CO10	4	1
Total	20	5

STUDENTNAME	CO6	CO7	CO8	CO9	CO10	TOTAL	AVERAGE
ASIKAS	5	5	5	5	4	24	96
BUVANAS	5	5	5	5	5	25	100
BUVANESWARIR	5	5	4	5	5	24	96
DEEPIKAG	5	5	5	5	5	25	100
DHAVASELVIR	5	5	5	4	5	24	96
DIVYAR	5	5	5	5	5	25	100
ELAKKIYAP	5	5	5	5	5	25	100
ESWARIK	5	5	5	5	5	25	100
GAYATHRIR	5	5	5	5	5	25	100
HELANVIMALDA	5	5	5	4	5	24	96
ISWARYAG	5	5	5	5	5	25	100
JAYADURGAM	5	5	5	5	5	25	100
JEGADEESHWARIJ	5	5	5	5	5	25	100
JULIETA	5	5	4	5	5	24	96
JUVAIRIYABEGAMA	5	4	4	5	4	22	88
KALAIMATHIS	4	5	5	5	5	24	96
KANAGAT	5	5	5	5	5	25	100
KANIMOZHIC	5	5	4	5	5	24	96
KAYALVIZHIB	5	5	5	5	5	25	100

KAYALVIZHIK	5	5	5	5	5	25	100
KEERTHIKAM	5	4	4	4	5	22	88
LAKSHMIPRIYAK	5	5	5	5	5	25	100
MAHESHWARIR	5	5	5	5	5	25	100
NANTHINIS	5	5	5	5	5	25	100
NATHIYAP	3	4	4	5	4	20	80
PARAMESHWARIT	4	4	4	5	4	21	84
RAJESHWARIM	5	5	5	5	5	25	100
RANJANIR	4	5	5	5	5	25	100
SIMRANR	5	5	5	5	5	25	100
SOUNDARYAC	4	5	5	5	5	24	96
VENNILAT	4	4	4	4	4	20	80
VIDONIA	5	5	5	5	5	25	100
VIJIM	3	4	4	4	4	23	92
VIMALAG	5	5	5	5	5	25	100
Average	4.74	4.82	4.74	4.85	4.82		

Expected Attainment in each CO-85%

CO	Int. Exam+ Assignment	End Sem	Total	%
CO6	4.74	75	79.74	93.8
CO7	4.82	75	79.82	93.9
CO8	4.74	75	79.74	93.8
CO9	4.85	75	79.85	93.9
CO10	4.82	75	79.82	93.9

