

## SANATANA DHARMA COLLEGE

#### **ALAPPUZHA**

Affiliated to the University of Kerala Reaccredited by NAAC with A+ grade

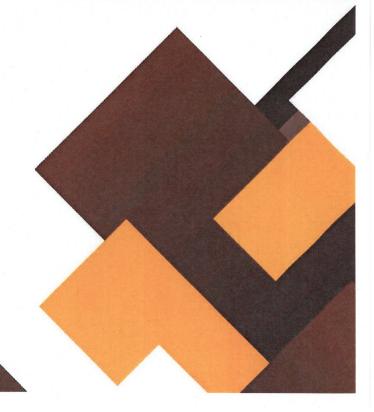


**CRITERION 2** 

TEACHING - LEARNING & EVALUATION

2.6.1 & 2.6.2

**PO-PSO MAPPING** 





#### **PO - PSO MAPPING**

Name of the Department	CHEMISTRY
Programme Name	BSc. CHEMISTRY
Programme Code	235
Programme Outcomes	PO1. Effective Communication - Students transact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3. Skill and Employability - Students successfully apply the hard skills and soft skills required for employment in different sectors.
	PO 4. Innovation and Entrepreneurship - Students exhibit the capacity for innovation through critical thinking, creative thinking and problem-solving. They show the initiative and persistence required for entrepreneurship.
	PO 5. Ethics, Values, and Social Responsibility - Students prove to be worthy citizens of the country, with strong values, ethical awareness, and social responsibility.





## PO - PSO Mapping

**Programme Name: BSc. CHEMISTRY** 

PSOs of the Programme	PO 1	PO 2	PO 3	PO 4	PO 5
Develop scientific outlook scientific attitude and scientific temper		<b>✓</b>			
Develop research attitude and adopt scientific method of identifying, analyzing and solving research problems in an innovative way		✓		✓	
Use chemistry related soft wares for drawing structure and plotting graphs Use instruments- potentiometer, conductometer, pH meter and colorimeter.			✓		
Acquire skill in safe handling of chemicals including hazardous materials.			<b>✓</b>		
Predict analytical procedures, compare experimental, theoretical and graphical methods of analysis		<b>✓</b>			
Develop critical thinking and adopt healthier attitudes towards individual, community and culture through the course of Chemistry					✓
Become cautious about environmental aspects and impact of chemicals in soil, water and air and adopt eco-friendly approach in all frontiers of life				,	✓
Become responsible in consumption of natural resources and adopt measures for sustainable development.	-				✓



Develop writing skills and presentation skills using audio visual aids	✓			
Inculcate spirit of originality, novelty, and necessity in scientific research		✓		✓
Adopt safer life skills in a human friendly and eco-friendly way			<b>✓</b>	





#### **PO - PSO MAPPING**

Name of the Department	MICROBIOLOGY
Programme Name	MICROBIOLOGY
Programme Code	345
Programme Outcomes	PO1. Effective Communication - Students transact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3. Skill and Employability - Students successfully apply the hard skills and soft skills required for employment in different sectors.
	PO 4. Innovation and Entrepreneurship - Students exhibit the capacity for innovation through critical thinking, creative thinking and problem-solving. They show the initiative and persistence required for entrepreneurship.
	PO 5. Ethics, Values, and Social Responsibility - Students prove to be worthy citizens of the country, with strong values, ethical awareness, and social responsibility.

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# PO – PSO Mapping (PUT TICK MARKS)

**Programme Name: MICROBIOLOGY** 

PSOs of the Programme	PO 1	PO 2	PO 3	PO 4	PO 5
To develop a scientific attitude to make students open-minded, critical, and curious		<b>✓</b>			
To develop skills in experimental works along with the collection and interpretation of scientific data		<b>✓</b>	✓		
To acquire knowledge in the field to understand natural phenomena, and manipulation of nature and the environment for the benefit of human beings					✓
To enrich the latest developments in the field of Information technology, Biotechnology, Bioinformatics, and other related fields of research and development	✓	✓	✓		
To create enthusiasm to understand more about Earth and give awareness to the public about the need to protect our nature from all kinds of exploitations					✓
To create a scientific temper to develop a research culture	J	<b>✓</b>			





#### **PO - PSO MAPPING**

Name of the Department	Department of Post Graduate Studies and Research in Botany
Programme Name	BOTANY
Programme Code	245
Programme Outcomes	PO1. Effective Communication - Students transact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3. Skill and Employability - Students successfully apply the hard skills and soft skills required for employment in different sectors.
	PO 4. Innovation and Entrepreneurship - Students exhibit the capacity for innovation through critical thinking, creative thinking and problem solving. They show the initiative and persistence required for entrepreneurship.
	PO 5. Ethics, Values and Social Responsibility - Students prove to be worthy citizens of the country, with strong values, ethical awareness and social responsibility.
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# PO – PSO Mapping (PUT TICK MARKS)

Programme Name: BSc Botany

PSOs of the Programme	PO 1	PO 2	PO 3	PO 4	PO 5
To develop scientific attitude is the major objective to make the students open minded, critical, curious.		*			**
To develop skill in practical work, experiments and laboratory materials and equipment along with the collection and interpretation of scientific data to contribute the science.	*	*	*	*	
To make the students aware of natural resources andenvironment.		*			*
To provide practical experience to the students as a part of the course to develop scientific ability to work in the field of research and other fields of their own interest and to make them fit for society.	*	*	*	*	
The students are expected to acquire knowledge of plant and related subjects so as to understand natural phenomenon, manipulation of nature and environment for the benefit of human beings.		*	*		**
To develop ability for the application of the acquired knowledge to improve agriculture and other related fields to make the country self-reliant and sufficient.	*	*	*	*	
Understand and appreciate the role of biology in societal issues, such as the environment and biological resources, biodiversity, ethics and human health and diseases.	<b>♦</b>	*			*

To enrich the students with the latest developments in the field of Information	*	*	*		*
technology, Biotechnology, Bioinformatics and other related fields of research and					, , , , ,
development	X ,			*	





#### **PO - PSO MAPPING**

Name of the Department	Mathematics
Programme Name	B.Sc Mathematics
Programme Code	220
Programme Outcomes	PO1. Effective Communication - Students transact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3. Skill and Employability - Students successfully apply the hard skills and soft skills required for employment in different sectors.
	PO 4. Innovation and Entrepreneurship - Students exhibit the capacity for innovation through critical thinking, creative thinking and problem-solving. They show the initiative and persistence required for entrepreneurship.
STARMICO.	PO 5. Ethics, Values, and Social Responsibility - Students prove to be worthy citizens of the country, with strong values, ethical awareness, and social responsibility.

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## PO – PSO Mapping (PUT TICK MARKS)

**Programme Name: B.Sc Mathematics** 

PSOs of the Programme	PO 1	PO 2	PO 3	PO 4	PO 5
Acquire strong understanding of foundational Mathematical concepts across various areas and culminating in the preparation for producing new ideas and results		<i>y</i>		· •	
Equip the student with skills to analyze problems, formulate a hypothesis, evaluate and validate results, and draw reasonable conclusions thereof.		✓			
To prepare the students to communicate mathematical ideas effectively and develop their ability to collaborate both intellectually and creatively in diverse contexts.	<b>√</b>				
Students earn skills in numerical calculations and selected softwares [useful in attempting competitive exams, job entrance exams(like PSC)	•		<b>√</b>		
Solving the selected set of problems will require cohesive thinking,communicating with internet resources,consulting experts all of which will enhance social interactions thereby increasing social awareness ,ethics and resposibilities					<b>√</b> 2





#### **PO - PSO MAPPING**

Name of the Department	ZOOLOGY
Programme Name	B.Sc Zoology
Programme Code	250
Programme Outcomes	PO1. Effective Communication - Students transact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3. Skill and Employability - Students successfully apply the hard skills and soft skills required for employment in different sectors.
	PO 4. Innovation and Entrepreneurship - Students exhibit the capacity for innovation through critical thinking, creative thinking and problem solving. They show the initiative and persistence required for entrepreneurship.
WARMI D	PO 5. Ethics, Values and Social Responsibility - Students prove to be worthy citizens of the country, with strong values, ethical awareness and social responsibility.

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# PO – PSO Mapping (PUT TICK MARKS)

Programme Name: B.Sc Zoology

PSOs of the Programme	PO 1	PO 2	PO 3	PO 4	PO 5
Analyse information objectively and make a reasoned judgment		<b>√</b>			
Analyse a problem, generate and implement a solution and to assess the success of the plan	, ,	<b>√</b>			<b>√</b>
Generate, develop and express original ideas that are useful or have values				<b>√</b>	
Use words in delivering the intended message with utmost clarity	<b>√</b>		✓		
Help and support others in their difficult times to tide over the adverse situations with courage	<b>√</b>			1	<b>√</b>
Use ICT in a variety of learning and work situations, access, evaluate, and use a variety of relevant information sources			<b>✓</b>		
Formulate a position/argument about an ethical issue from multiple perspectives	<b>√</b>				<b>√</b>
Inculcate a healthy attitude to be a lifelong learner				1	✓
Demonstrate, explain and appreciate the molecular and cellular basis of physiological functions in animals and dynamics of life system.	<b>√</b>			<b>√</b>	
Perform practical skills in the areas of laboratory experiments and good laboratory practices (GLP) related to dissection, developmental biology, biochemistry, cell and molecular biology, genetics, immunology and microbiology.			<b>√</b>		





#### **PO - PSO MAPPING**

Name of the Department	PHYSICS
Programme Name	B.Sc PHYSICS
Programme Code	230
Programme Outcomes	PO1. Effective Communication - Students transact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3. Skill and Employability - Students successfully apply the hard skills and soft skills required for employment in different sectors.
	PO 4. Innovation and Entrepreneurship - Students exhibit the capacity for innovation through critical thinking, creative thinking and problem-solving. They show the initiative and persistence required for entrepreneurship.
J. D. P. R. M. C.	PO 5. Ethics, Values, and Social Responsibility - Students prove to be worthy citizens of the country, with strong values, ethical awareness, and social responsibility.

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## PO – PSO Mapping (PUT TICK MARKS)

**Programme Name: B.Sc PHYSICS** 

PSOs of the Programme	PO 1	PO 2	PO 3	PO 4	PO 5
Provide education in physics of the highest quality at the undergraduate level and generate graduated of the calibre sought by industries and public service as well as academic teachers and researchers of the future.		<b>→</b>	✓	✓	
Attract outstanding students from all backgrounds					✓
Provide an intellectually stimulating environment in which the students have the opportunity to develop their skills and enthusiasms to the best of their potential			✓		
Maintain the highest academic standards in undergraduate level	✓				<b>√</b>
Impart the skills required to gather information from the resources and use them			<b>√</b>	<b>√</b>	
Equip the students in methodology related to Physics		<b>✓</b>			,





#### PO - PSO MAPPING

Name of the Department	ENGLISH
Programme Name	B.A. ENGLISH LANGUAGE AND LITERATURE
Programme Code	130
Programme Outcomes	PO1. Effective Communication - Students transact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3. Skill and Employability - Students successfully apply the hard skills and soft skills required for employment in different sectors.
	PO 4. Innovation and Entrepreneurship - Students exhibit the capacity for innovation through critical thinking, creative thinking and problem solving. They show the initiative and persistence required for entrepreneurship.
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## PO – PSO Mapping (PUT TICK MARKS)

Programme Name: B.A. ENGLISH LANGUAGE AND LITERATURE

**Programme Code: 130** 

PSOs of the Programme	PO 1	PO 2	PO 3	PO 4	PO 5
A comprehensive understanding of the discipline of literary studies	*	*			
Realize the divergent and plural voices that come in to the making of the corpus of literary studies.	$\bigstar$	$\bigstar$			*
Understand literature as one of the many arts that seeks literary expression and its close connection with other art forms like painting, music, dance, movie and so on down the ages.	*	*			*
Imbibe the importance of multidisciplinary approach to understand the nuances of literary expressions.	$\bigstar$	*			*
Understand the specific socio-cultural backdrop of the formation of literary representations.	*	*			*
Form an awareness of the multiplicities of such socio-cultural realities that shape literary representations and to critique the inherent hegemony.	*	*			*
The ability to trace the development of the English language from the early writings to its present day use in specific contexts.	*	*			
Address the requirements of the language use in a globalized context	*	*	$\bigstar$	$\bigstar$	
Ensure the importance of study of the English language in relation to the study of language and literature of the mother	*	$\bigstar$	$\bigstar$		*

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Have improved competence in translation and to view the same not only as a tool for cultural transmission but also as skill acquisition.	*	*	$\bigstar$	
Comprehended the current modes of writings – that which encompasses the issues related to race, gender, ethnicity, climate change etc. and realize the role of literature in inculcating social sensitiveness	*	*		*
The competence to identify the literary voices of dissent from diverse parts of the globe and to reflect on the popular culture and literature.	*	$\bigstar$		$\bigstar$
A basic knowledge of research methodology and other areas related to the faculty of research.	*	$\bigstar$		
Imbibe a research oriented approach to the study of humanities in connection with the basic understanding of social sciences to initiate a multidisciplinary approach of study.	*	*		
Contribute to the realm of knowledge production with an increased intellectual, creative, critical and multidisciplinary capability.	*	*		





#### PO - PSO MAPPING

Name of the Department	ENGLISH
Programme Name	B.A ENGLISH AND COMMUNICATIVE ENGLISH
Programme Code	133
Programme Outcomes	PO1. Effective Communication - Students transact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3. Skill and Employability - Students successfully apply the hard skills and soft skills required for employment in different sectors.
	PO 4. Innovation and Entrepreneurship - Students exhibit the capacity for innovation through critical thinking, creative thinking and problem solving. They show the initiative and persistence required for entrepreneurship.
	PO 5. Ethics, Values and Social Responsibility - Students prove to be worthy citizens of the country, with strong values, ethical awareness and social responsibility.





## PO – PSO Mapping (PUT TICK MARKS)

Programme Name: B.A ENGLISH AND COMMUNICATIVE ENGLISH

PSOs of the Programme	PO 1	PO 2	PO 3	PO 4	PO 5
The student will be able to develop awareness about the language, forms and different types of literary genres.	*				
Will be able to learn the nuances of spoken and written forms of the English language.	*		*	*	
A comprehensive understanding of the discipline of literary studies	*	*			
The student will be able to demonstrate the ability to analyze and explain the complexities and subtleties of human experience as reflected in literary and cultural texts	*	*			*
The student will be able to demonstrate the academic and language skills necessary to do independent, innovative research	*	*			
The student will be able to demonstrate an ability to communicate effectively in a variety of language situations	*		*		
The student will be able to demonstrate the writing techniques necessary to meet academic and professional needs.	*		*	*	
The students will be able to demonstrate proficiency in copy-editing.	*		*	*	
The students will be able to develop non-verbal and verbal communication skills	*		*	*	





#### **PO - PSO MAPPING**

Name of the Department	Malayalam
Programme Name	BA Malayalam Language Culture and Literature
<b>Programme Code</b>	115
Programme Outcomes	PO1. Effective Communication - Students transact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3. Skill and Employability - Students successfully apply the hard skills and soft skills required for employment in different sectors.
	PO 4. Innovation and Entrepreneurship - Students exhibit the capacity for innovation through critical thinking, creative thinking and problem solving. They show the initiative and persistence required for entrepreneurship.
	PO 5. Ethics, Values and Social Responsibility - Students prove to be worthy citizens of the country, with strong values, ethical awareness and social responsibility.
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# PO – PSO Mapping (PUT TICK MARKS)

Programme Name: BA Malayalam Language Culture and Literature

<b>PSOs of the Programme</b>	PO 1	PO 2	PO 3	PO 4	PO 5
Gather fundamental ideas of various aspects of Malayalam Language Culture and Literature.	<b>√</b>				<b>√</b>
Formation of new ideas and visions through attitude thinking and research based reading.	<b>√</b>	<b>√</b>			<b>√</b>
Enable the students to find out area of higher studies and the scope of subject.	✓		<b>√</b>		
Acquiant various stages of development of literature.	<b>√</b>	<b>✓</b>		4	
Improve the quality of comparitive elaborating ability.	<b>√</b>				✓
Aquire the knowledge classical language, Malayalam.		<b>✓</b>		<b>✓</b>	
Reach out of aesthetic and critical view of language.	<b>✓</b>	<b>√</b>		<b>✓</b>	
Enrichs the students to utilize the language in practical and textual.	<b>√</b>		- 🗸	<b>√</b>	



#### **PO-PSO MAPPING**

Name of the Department	HINDI
Programme Name	BA HINDI
Programme Code	125
Programme Outcomes	PO1. Effective Communication - Students transact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3. Skill and Employability - Students successfully apply the hard skills and soft skills required for employment in different sectors.
	PO 4. Innovation and Entrepreneurship - Students exhibit the capacity for innovation through critical thinking, creative thinking and problem solving. They show the initiative and persistence required for entrepreneurship.
	PO 5. Ethics, Values and Social Responsibility - Students prove to be worthy citizens of the country, with strong values, ethical awareness and social responsibility.
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# PO – PSO Mapping (PUT TICK MARKS)

Programme Name: HINDI

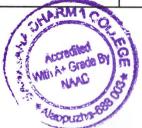
PSOs of the Programme	PO 1	PO 2	PO 3	PO 4	PO 5
Learn to use Hindi Language for communicative purpose in order to attain basic proficiency in Hindi Language	×		×		*
Understand various aspects of Hindi Literature with a process to search new methods and give new direction	*	*	*	*	*
Understand the theoretical frameworks of comparative literature theory.		*			*
Understand the development of Indian and western poetics.	*		*	×	*
Understand the art, history and cultural significance of Film including techniques such as editing, anchoring, Script writing etc	*	*	*	*	*
Develop critical thinking on the various streams of criticism and post independent literary experiments.	*	*			*





#### **PO - PSO MAPPING**

Name of the Department	HISTORY
Programme Name	BA HISTORY
Programme Code	140
Programme Outcomes	PO1. Effective Communication - Students transact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3. Skill and Employability - Students successfully apply the hard skills and soft skills required for employment in different sectors.
	PO 4. Innovation and Entrepreneurship - Students exhibit the capacity for innovation through critical thinking, creative thinking and problem solving. They show the initiative and persistence required for entrepreneurship.
	PO 5. Ethics, Values and Social Responsibility - Students prove to be worthy citizens of the country, with strong values, ethical awareness and social responsibility.





# PO – PSO Mapping (PUT TICK MARKS)

Programme Name: BA HISTORY

PSOs of the Programme	PO 1	PO 2	PO 3	PO 4	PO 5
Students become familiar with the political processes and structures; society, economy and culture; political Ideas and institutions of pastand historical thought and historiography evolved at both Indian and global contexts.		*	*		*
To understand the methodologies and approaches used by modernhistorians, or on the ways in which history has been written in the past, and to acquire the required knowledge, awareness and skills for historical research.		*	*	*	*
To understand events, concepts, ideologies and hegemonic relationships that evolved historically and to critically approach and introspect the unconsciously assumed power relations and identities.		*		*	*
To understand the elements of the transition of the world from pre-modern to modern and to realise how this transition happened and how far it changed the world.		*			*

By analysing relationship between the past and the present, students will be able to comprehend the social, cultural and administrative processes in pre - modern Kerala.		*		*	*
Students will also be able to gather ideas on different regional powers and the socio economic and cultural aspects of South India		*			*
To apprehend the roots of colonialism and capitalism and to analyse the impact of colonial rule.					*
To understand the process of nation making and to visualise theideological underpinnings behind the national movement.		*			*
To understand the socio-economic development in post independent India and to conceive the notion of secular and democratic form of India.		*			*
To realise the prospects of career related courses and to assist students with educational and career planning.	*		*	*	





#### **PO-PSO MAPPING**

Nameofthe Department	ECONOMICS
ProgrammeName	BAECONOMICS
ProgrammeCode	150
ProgrammeOutcomes	PO1. Effective Communication -Studentstransact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3.Skill and Employability - Students successfully apply thehardskillsandsoftskillsrequiredforemploymentin different sectors.
	PO 4.InnovationandEntrepreneurship -Studentsexhibitthe capacity for innovation through critical thinking, creative thinking and problem solving. They show the initiative and persistence required for entrepreneurship.
	PO 5. Ethics, Values and Social Responsibility - Students prove to be worthy citizens of the country, with strong values, ethical awareness and social responsibility.





# PO-PSOMapping (PUTTICKMARKS)

ProgrammeName: BA ECONOMICS

PSOsof theProgramme	PO1	PO2	PO3	PO4	PO5
Examine theoretical, conceptual, and methodological aspects of Economics.		- <del> </del>			
Address diverse development issues and propose solutions			$\stackrel{\wedge}{\sim}$		$\stackrel{\wedge}{\sim}$
Develop cognitive, analytical, and research skills focusing on learning digital technologies and software adaptability.		$\searrow$	$\searrow$	$\lambda$	
.Interact with institutions, and markets while integrating sustainable development principles	<i>X</i>		$\stackrel{\wedge}{\sim}$		
Enhance leadership and communication skills through managerial capacity building	<b>M</b>			$\searrow$	
Promote creativity, value, and ethical behavior in life.			$\mathcal{A}$	-	<b>☆</b>





#### **PO - PSO MAPPING**

Name of the Department	PHYSICS
Programme Name	M.Sc PHYSICS
Programme Code	630
Programme Outcomes	PO1. Effective Communication - Students transact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3. Skill and Employability - Students successfully apply the hard skills and soft skills required for employment in different sectors.
	PO 4. Innovation and Entrepreneurship - Students exhibit the capacity for innovation through critical thinking, creative thinking and problem-solving. They show the initiative and persistence required for entrepreneurship.
	PO 5. Ethics, Values, and Social Responsibility - Students prove to be worthy citizens of the country, with strong values, ethical awareness, and social responsibility.
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# PO – PSO Mapping (PUT TICK MARKS)

**Programme Name: M.Sc PHYSICS** 

PSOs of the Programme	PO 1	PO 2	PO 3	PO 4	PO 5
Attain strong foundation in the fundamentals of physics with and ability to pursue higher education and research.	<b>✓</b>	<b>√</b>			<b>√</b>
Identify, formulate and solve problems in physical sciences and multi-disciplinary areas.				✓	
Understand and apply the concepts of electronics and micro- electronics in the designing of analogue and digital circuits.			<b>✓</b>		-
Understand the fundamentals of Programming and numerical techniques to apply it to solve theoretical problems.			, "	<b>√</b>	





#### **PO - PSO MAPPING**

Name of the Department	Mathematics
Programme Name	M.Sc Mathematics
Programme Code	620
Programme Outcomes	PO1. Effective Communication - Students transact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3. Skill and Employability - Students successfully apply the hard skills and soft skills required for employment in different sectors.
	PO 4. Innovation and Entrepreneurship - Students exhibit the capacity for innovation through critical thinking, creative thinking and problem-solving. They show the initiative and persistence required for entrepreneurship.
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# PO – PSO Mapping (PUT TICK MARKS)

**Programme Name: M.Sc Mathematics** 

PSOs of the Programme	PO 1	PO 2	PO 3	PO 4	PO 5
Acquire strong understanding of foundational Mathematical concepts across various areas and culminating in the preparation for producing new ideas and results. Projects based on research papers will further enhance the innovative approaches in students				<b>✓</b>	
Equip the student with skills to analyze problems, formulate a hypothesis, evaluate and validate results, and draw reasonable conclusions thereof. Analytic reasoning and thinking skills will be developed to a very high level at M.S c level		<b>✓</b>			
To prepare the students to communicate mathematical ideas effectively and develop their ability to collaborate both intellectually and creatively in diverse contexts. Interactive methods for knowledge acquisition(like seminars ,projects,group discussions etc) will boost the communicative skills among students and with other people in the field of education.	*				
Students earn skills in numerical calculations and selected softwares [useful in attempting competitive exams, job entrance exams(like PSC)			✓		
Solving the selected set of problems will require cohesive thinking,communicating with internet resources,consulting experts all of which will enhance social interactions thereby increasing social awareness ,ethics and resposibilities.					✓





#### **PO - PSO MAPPING**

Name of the Department	ENGLISH
Programme Name	M.A. ENGLISH LANGUAGE AND LITERATURE
Programme Code	530
Programme Outcomes	PO1. Effective Communication - Students transact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3. Skill and Employability - Students successfully apply the hard skills and soft skills required for employment in different sectors.
	PO 4. Innovation and Entrepreneurship - Students exhibit the capacity for innovation through critical thinking, creative thinking and problem solving. They show the initiative and persistence required for entrepreneurship.
	PO 5. Ethics, Values and Social Responsibility - Students prove to be worthy citizens of the country, with strong values, ethical awareness and social responsibility.

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## PO – PSO Mapping (PUT TICK MARKS)

Programme Name: M.A. ENGLISH LANGUAGE AND LITERATURE

**Programme Code: 530** 

PSOs of the Programme	PO 1	PO 2	PO 3	PO 4	PO 5
The student will be able to demonstrate the ability to engage critically with a wide range of selected texts by offering interpretations and evaluations from multiple theoretical perspectives	*	*			*
The student will be able to develop awareness about pertinent socio-cultural issues related to gender discrimination, environmental awareness, human rights and so on through the discussion of texts	*				*
The student will be able to demonstrate an understanding of the formal structure of the various genres of literature	$\bigstar$	$\bigstar$	*		
The student will be able to show an awareness of the literariness of literary language	$\bigstar$	*	***		$\bigstar$
The student will be able to demonstrate the ability to analyze and explain the complexities and subtleties of human experience as reflected in literary and cultural texts	$\bigstar$	*			*
The student will be able to be able to relate the socio-politico-historical context to the evolution of the forms, styles, and themes of texts		*			*
The student will be able to demonstrate the academic and language skills necessary to do independent, innovative research	$\bigstar$	*	*		*
The student will be able to show they have understood contemporary pedagogic principles and practices in teaching both	The state of the s	PRMIC			

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language and literature					
The student will be able to demonstrate an ability to communicate effectively in a variety of language situations	*	*	*	*	*





#### **PO-PSO MAPPING**

Name of the Department	Malayalam
Programme Name	MA Malayalam Language Culture and Literature
Programme Code	515
Programme Outcomes	PO1. Effective Communication - Students transact knowledge, share thoughts, and express their creativity and emotions effectively through communication.
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationally and apply systematic methods of learning and research.
	PO 3. Skill and Employability - Students successfully apply the hard skills and soft skills required for employment in different sectors.
	PO 4. Innovation and Entrepreneurship - Students exhibit the capacity for innovation through critical thinking, creative thinking and problem solving. They show the initiative and persistence required for entrepreneurship.
	PO 5. Ethics, Values and Social Responsibility - Students prove to be worthy citizens of the country, with strong values, ethical awareness and social responsibility.

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## PO – PSO Mapping (PUT TICK MARKS)

Programme Name: MA Malayalam Language Culture and Literature

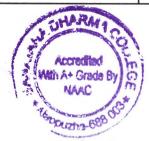
<b>PSOs of the Programme</b>	PO 1	PO 2	PO 3	PO 4	PO 5
To understand various forms of literature.	<b>*</b>			~	~
Formation of new ideas and visions through attitude thinking and research based reading.	<b>✓</b>	<b>✓</b>	<b>√</b>		<b>√</b>
To create an awareness of history of Malayalam literature.	~		<b>✓</b>	~	<b>√</b>
To acquiant with traditional Art forms.	<b>√</b>	<b>✓</b>			
Understanding different styles of Language.	<b>✓</b>	<b>✓</b>			<b>√</b>
Aquire the knowledge classical language, Malayalam.	<b>√</b>		~	~	
To enable the students go through history of Kerala Culture.	<b>√</b>	<b>√</b>		<b>√</b>	
To introduce the basics of Grammer.		✓	<b>√</b>	<b>√</b>	





#### **PO-PSO MAPPING**

Name of the Department	ECONOMICS				
ProgrammeName	ECONOMICS				
ProgrammeCode	550				
ProgrammeOutcomes	PO1. Effective Communication -Studentstransact knowledge, share thoughts, and express their creativity and emotions effectively through communication.				
	PO 2. Scientific Outlook and Research Aptitude - Students exhibit a scientific outlook towards life. They think rationallyandapplysystematicmethodsoflearningand research.				
	PO 3.Skill and Employability - Students successfully apply thehardskillsandsoftskillsrequiredforemploymentin different sectors.				
	PO 4.InnovationandEntrepreneurship -Studentsexhibitthe capacity for innovation through critical thinking, creative thinking and problem solving. They show the initiative and persistence required for entrepreneurship.				
	PO 5. Ethics, Values and Social Responsibility - Students prove to be worthy citizens of the country, with strong values, ethical awareness and social responsibility.				





# PO-PSO Mapping (PUTTICKMARKS)

ProgrammeName: MA

**ECONOMICS** 

PSOs of theProgramme	PO1	PO2	PO3	PO4	PO5
Students effectively communicate complex economic concept with clarity. They share insights and analysis in both writtern and oral forms.	$\Rightarrow$				
Foster ethical decision making in economic analysis					$\Rightarrow$
Apply economic analysis to real world problem.		$\stackrel{\wedge}{\sim}$			
.Develop marketable skills for economic analysis			$\Rightarrow$		
Foster entrepreneurial thinking and innovative skill in economic context				$\stackrel{\wedge}{\searrow}$	

