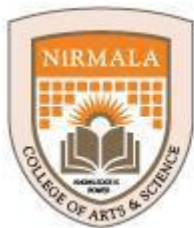


# LEARNING OUTCOMES



**NiRMALA**  
COLLEGE of ARTS & SCIENCE

## **PREFACE**

**Outcome-based education (OBE)** is an educational approach that focuses on assigning particular goals or outcomes to students at the end of their educational journey. OBE, in contrast to traditional education methodologies, provides a systematic structure and specialized approaches to instructional practices. It emphasizes the development of many skills, such as life skills, fundamental skills, professional and vocational skills, intellectual skills, and interpersonal and personal skills. Nirmala College of Arts and Science have an integrated approach towards its learning process thus emphasizing on the climax performances of a student to demonstrate learning rather than just knowledge recall. Our students, who come from diverse sociocultural and economic backgrounds, should not only achieve academic excellence and professional abilities, but also a sense of ethical, social, and environmental responsibility for the society they will serve. Embracing these fundamental principles, NCAS has followed OBE in its academics. To lead the implementation of OBE in the College, a separate OBE committee has been formed under the Teaching Learning Centre. The OBE committee meets on a regular basis to define the assessment parameters and monitor implementation progress.

### **OBE COMMITTEE**

1. Prof. Dr Shaju Ouseph, Principal (Chairman, OBE Committee)
2. Ms. Josephena Joshy, Question paper in Charge (Convener OBE)
3. Ms. Sheela Martin, LMS Admin (Member OBE)
4. Ms. Jaya K J, LMS Admin (Member OBE)
5. Ms. Suma Menon, IQAC Coordinator, (Member OBE)
6. Ms. Lekha Vasudevan, (Member OBE)
7. Ms. Sindu Francis, (Member OBE)
8. Ms. Sumy Joy, (Member OBE)
9. Ms. Femy Geo (Member OBE)
10. Dr. Bindu V (Member OBE)



# PROGRAMME OUTCOMES (PO)

ACADEMIC YEAR 2023-'24



Website: [www.ncas.nirmalacollege.edu.in](http://www.ncas.nirmalacollege.edu.in), E-mail: [ncas@nirmalacollege.edu.in](mailto:ncas@nirmalacollege.edu.in),

Phone - Office 9188526653, 9188526651

**Programme Outcomes (PO's) of the Institution are:**

<b>PO1</b>	The students will be proficient to demonstrate comprehensive language skills and possess deep knowledge in their field of study.
<b>PO2</b>	The students will be able to display strong analytical, problem solving and research skills.
<b>PO3</b>	The Students will have a profound understanding of ethical principles applicable in their decision making process.
<b>PO4</b>	The Students will be trained to attain a global perspective to work efficiently and effectively as a team.
<b>PO5</b>	The graduates will be able to adapt to diverse cultural settings and apply their knowledge and skills in challenging career contexts

### Undergraduate Programme Outcomes - BA, BSc, BCom, BTM, BTHM

At the end of a U.G. programme, a student of NCAS would be efficient for:

<b>PO1</b>	<b>Effective Communication:</b> Enabling Students to demonstrate proficiency in speaking, reading, writing, and listening
<b>PO2</b>	<b>Critical Thinking:</b> Equipping Students to develop analytical and problem-solving skills to evaluate and interpret information.
<b>PO3</b>	<b>Ethical Awareness:</b> Instilling values in students for understanding and applying ethical principles in their decision-making processes.
<b>PO4</b>	<b>Teamwork and Collaboration:</b> Empowering students to work effectively in a team and contribute to shared goals.
<b>PO5</b>	<b>Adaptability and Flexibility:</b> Entitling students to adapt to changing circumstances and to apply their knowledge and skills in different contexts of their life and career.
<b>PO6</b>	<b>Leadership Skills:</b> Moulding students with leadership qualities, including effective communication, decision-making, and problem-solving
<b>PO7</b>	<b>Global Perspective:</b> Facilitating students to gain an understanding of global issues and develop a global mind-set to thrive in an interconnected world.

## Postgraduate Programme Outcomes – MTTM, MCom

At the end of a P.G Programme, a student of NCAS will acquire:

<b>PO1</b>	An in-depth knowledge in Chosen area of study
<b>PO2</b>	Research skills and understand research methodologies.
<b>PO3</b>	Decision-making and reasoning ability to find solutions to ethical problems
<b>PO4</b>	A global perspective that allows for appropriate interaction with people from diverse cultural, linguistic, and religious backgrounds.
<b>PO5</b>	Applying theoretical knowledge to practical scenarios.
<b>PO6</b>	The liberty to engage in academic work while maintaining academic integrity
<b>PO7</b>	The selfless spirit that drives him/her to serve the poor and marginalized.



# PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

ACADEMIC YEAR 2023-'24



Programme Educational Objectives defined by the institution are:

PEO1	<b>Critical Thinking and Problem Solving:</b> Enable graduates to demonstrate critical thinking skills by analysing complex issues, evaluating evidence, and developing innovative solutions across various disciplines.
PEO2	<b>Effective Communication:</b> Prepare graduates with strong verbal, written, and interpersonal communication skills necessary for effective collaboration and presentation of ideas.
PEO3	<b>Ethical and Social Responsibility:</b> Nurture an understanding of ethical principles and social responsibilities among graduates, emphasizing integrity, accountability, and respect for diversity.
PEO4	<b>Career Readiness and Lifelong Learning:</b> Empower graduates to adapt to evolving career demands and lifelong learning opportunities through continuous professional development and research skills
PEO5	<b>Global Perspective and Cultural Competency:</b> Cultivate a global perspective among graduates by promoting awareness and understanding of diverse cultures, societies, and global issues.



NIRMALA COLLEGE OF ARTS AND SCIENCE, MELOOR, CHALAKUDY



# PROGRAMME SPECIFIC OUTCOMES (PSO)

ACADEMIC YEAR 2023-'24



Website: [www.ncas.nirmalacollege.edu.in](http://www.ncas.nirmalacollege.edu.in), E-mail: [ncas@nirmalacollege.edu.in](mailto:ncas@nirmalacollege.edu.in), Phone - Office  
9188526653, 9188526651

## PROGRAMME SPECIFIC OUTCOME

PROGRAMME NAME	SHORT NAME	PROGRAMME CODE
<b>Bachelor of Business Administration</b>	<b>BBA</b>	<b>BBA</b>
<b>PSO1</b>	Gain practical learning experiences through activities such as summer internships, industrial visits, and business plan development.	
<b>PSO2</b>	Demonstrate analytical and problem-solving skills by specializing in core elective areas such as finance, human resources, and marketing to address business challenges.	
<b>PSO3</b>	Understand and develop new areas of Knowledge through open electives that cater to the specific needs of the industry.	
<b>Bachelor of Tourism and Hotel Management</b>	<b>BTHM</b>	<b>BTH</b>
<b>PSO1</b>	Provide a common body of knowledge in hospitality management coupled with a broad education and awareness of skills and attitudes which will prepare students for responsible leadership roles in the hospitality industry.	
<b>PSO2</b>	Develop employability skills required of hotel restaurant management, golf management and culinary professionals through the use of a competency-based program	
<b>PSO3</b>	Provide students with relevant hands-on operational experience in some facet of the hospitality industry.	

<b>Bachelor of English Language &amp; Literature</b>	<b>BA English</b>	<b>ENG</b>
<b>PSO1</b>	To develop the student's proficiency in necessary English Language Skills and enable them to communicate effectively in a variety of interpersonal and academic situations	
<b>PSO2</b>	Enable the students to understand critical and theoretical approaches to literature and apply them to the reading and analysis of literary and cultural narratives	
<b>PSO3</b>	The students will become expertise in writing analytically in a variety of formats including different types of essays, research papers and critical writings.	
<b>PSO4</b>	Increase the student's capability to review literary texts through the lens of sociocultural and political contexts of the time.	
<b>PSO5</b>	Enhance the student's insight in using English Language in different journalistic situations and acquire skills to write for the media.	
<b>Bachelor of Travel and Tourism Management</b>	<b>BTM</b>	<b>TTM</b>
<b>PSO1</b>	Getting an exposure to the fundamental concepts and theories in acquiring skills for different aspects of tourism.	
<b>PSO2</b>	Achieve critical sensibility towards social, economic and societal situation and to develop critical thinking ability	
<b>PSO3</b>	Exhibit oral and written communication skills in disseminating industrial knowledge	
<b>PSO4</b>	Improve proficiency in applying various skills and enhance employability	

	<b>PSO5</b>	Encouraging critical thinking and developing an academic community which is highly sensitive towards the life of various sections of society and sensible enough to suggest the most appropriate means to address the significant socio-cultural and development issues	
	<b>PSO6</b>	Making the learners aware of the most essential aspects of tourism and to enabling the students to sensitize the surrounding requirements	
	<b>PSO7</b>	Equip the students to critically understand and interpret the current reality	
	<b>PSO8</b>	Enhance the industrial sensitivity and sensibility of the students	
	<b>PSO9</b>	Help students acquire skills that will be useful to them in their personal and professional life.	
	<b>Bachelor of Computer Applications</b>	<b>BCA</b>	<b>BCA</b>
	<b>PSO1</b>	Demonstrate the aptitude of Computer Programming and Computer based problem solving skills.	
	<b>PSO2</b>	Display the knowledge of appropriate theory, practices and tools for the specification, design, implementation	
	<b>PSO3</b>	Communicate effectively, both orally and in writing, in technical and non-technical contexts.	
	<b>PSO4</b>	Ability to link knowledge of Computer Science with other two chose Complementary disciplines of study.	
	<b>PSO5</b>	Display ethical code of conduct in usage of Internet and Cyber systems.	
	<b>PSO6</b>	Ability to pursue higher studies of specialization and to take up technical employment.	
	<b>PSO7</b>	Ability to formulate, to model, to design solutions, procedure and to use software tools to solve real world problems and evaluate.	

<b>PSO8</b>	Ability to operate, manage, deploy, configure computer network, hardware, software operation of an organization	
<b>PSO9</b>	Ability to present result using different presentation tools. And Ability to appreciate emerging technologies and tools	
<b>PSO10</b>	Apply mathematical concepts and techniques to solve problems in IT and electronics.	
<b>Bachelor of Science, Computer Science</b>	<b>BSC. CS</b>	<b>BCS</b>
<b>PSO1</b>	Demonstrate proficiency in programming languages, algorithms, and data structures.	
<b>PSO2</b>	Develop critical thinking and problem-solving skills.	
<b>PSO3</b>	Demonstrate proficiency in software development methodologies.	
<b>PSO4</b>	Understand principles of electronics and their integration with computer systems.	
<b>PSO5</b>	Employ mathematical concepts in the analysis and design of computer systems	
<b>PSO6</b>	Understand and apply principles of digital signal processing, microcontrollers, and embedded Systems.	
<b>PSO7</b>	Engage in continuous learning and professional development.	
<b>PSO8</b>	Demonstrate project management skills, including planning, scheduling, and resource management. Successfully complete a major project that integrates knowledge from computer science	
<b>PSO9</b>	Communicate effectively, both orally and in writing, in technical and non-technical contexts.	
<b>PSO10</b>	Understand and adhere to ethical standards in the field of computer science and electronics. Recognize and address social and ethical implications of computing technologies.	

	<b>Bachelor of science, Information Technology</b>	<b>B.SC. IT</b>	<b>BIT</b>	
	<b>PSO1</b>	Demonstrate a solid understanding of fundamental concepts in computer science and information technology.		
	<b>PSO2</b>	Develop the ability to design and implement effective solutions to real-world challenges.		
	<b>PSO3</b>	Design and manage databases, including the ability to create, query, and maintain relational databases.		
	<b>PSO4</b>	Demonstrate knowledge of computer networks, protocols, and security.		
	<b>PSO5</b>	Apply software engineering principles in the development of software applications.		
	<b>PSO6</b>	Apply mathematical concepts and techniques to solve problems in IT and electronics.		
	<b>PSO7</b>	Demonstrate project management skills, including planning, scheduling, and resource management.		
	<b>PSO8</b>	Understand and adhere to ethical standards in the field of information technology.		
	<b>PSO9</b>	Understand principles of electronics and their integration with computer systems.		
	<b>PSO10</b>	Communicate effectively, both orally and in writing, in technical and non-technical contexts.		
	<b>Bachelor of Arts, Multimedia</b>	<b>BA.MM</b>	<b>BMM</b>	
	<b>PSO1</b>	Demonstrate the history, development, and practice of the electronic media, new media and print media		
	<b>PSO2</b>	Design, and produce works in media, based on effective principles and practices of media aesthetics for a target Audience.		
	<b>PSO3</b>	Develop the learner into competent and efficient Media & Entertainment Industry ready professionals.		

<b>PSO4</b>	Prepare socially responsible media professionals, academicians, researchers, with global vision	
<b>PSO5</b>	Identify the existing and emerging employment opportunities in digital content creation and distribution within the rapidly changing media industry	
<b>PSO6</b>	Develop ethically committed media Professionals and entrepreneurs adhering to the human values, the Indian culture and the Global culture.	
<b>PSO7</b>	Demonstrate professionalism through creative and intellectual independence.	
<b>PSO8</b>	Practice in the fields of Animation, Web designing, photography, cinematography, UX/UI Designing, Video editing, Audiography, Visual Effects & Graphic designing for films, Print media, Game Industry and television industry.	
<b>Bachelor of Science, Hotel Management &amp; Culinary Arts</b>	<b>BSc. HMCA</b>	<b>BHC</b>
<b>PSO1</b>	Provide a common body of knowledge in hospitality management coupled with a broad education and awareness of skills and attitudes which will prepare students for responsible leadership roles in the hospitality industry.	
<b>PSO2</b>	Develop employability skills required of hotel restaurant management and culinary Professionals through the use of a competency based program.	
<b>PSO3</b>	Provide students with relevant hands-on operational experience in some facet of hospitality industry	
<b>PSO4</b>	Practice the team concept in planning, purchasing, preparing and serving food items in a variety of foodservice environments.	
<b>PSO5</b>	Utilize interpersonal skills to lead/ manage first level employees in a hospitality setting.	
<b>PSO6</b>	Lead with the knowledge that the foundation of tourism is based on the respect for the host culture with the responsibility to prefecture the unique values, tradition and practices of that place.	

	<b>PSO7</b>	Use knowledge of best practices to further sustainability (economic, environment and cultural and social) in industry.	
	<b>PSO8</b>	Perform cost calculations and apply them to decision making situations.	
	<b>PSO9</b>	Evaluate food safety and sanitation to maintain a safe and sanitary work environment.	
	<b>PSO10</b>	Schedule employees with consideration given to budgets, sales forecasts and customary labour practices.	
	<b>Bachelor of Science, Costume and Fashion Designing</b>	<b>BSc.C&amp;FD</b>	<b>CFD</b>
	<b>PSO1</b>	Capability to generate creative and Innovative designs that is both visually appealing and functional.	
	<b>PSO2</b>	Technical proficiency in pattern making, sewing techniques and garment construction.	
	<b>PSO3</b>	Understanding of different fabrics, textiles and materials used in costume and fashion designing and its techniques.	
	<b>PSO4</b>	Efficient communication of basic design ideas through verbal, written and visual Means.	
	<b>PSO5</b>	Capability to integrate cultural influences into design concepts.	
	<b>PSO6</b>	Understanding the business and marketing phases of the fashion industry.	
	<b>PSO7</b>	Ability to employ fashion industry-standard software tools for designing.	
	<b>PSO8</b>	Execute sophisticated design concepts, communicate design development ideas, create effective presentations, and translate into technical specifications.	
	<b>PSO9</b>	Formation of a skilled portfolio showcasing an array of design projects.	
	<b>PSO10</b>	A strong perspective of the principles and techniques involved in textile processing, including fiber properties, yarn manufacturing, fabric construction, and various dyeing, printing and finishing process.	



	<b>PSO11</b>	Demonstrate a systematic understanding of basic design principles and elements, for creative and innovative fashion design ideas.	
	<b>PSO12</b>	Expand knowledge of the history of fashion and an awareness of present and rising trends in the fashion industry.	
	<b>Bachelor of Science, Food Technology</b>	<b>BSc.FT</b>	<b>FTL</b>
	<b>PSO1</b>	Develop a comprehensive understanding of the properties and relationships (chemical/ physical) of major food constituents and of the biohazards that are important in food processing with regard to product quality in the food industry.	
	<b>PSO2</b>	Explore current issues and trends in the food industry and appreciate the dynamics And continued evolution of the Food Industry.	
	<b>PSO3</b>	Investigate self-learning, practical proficiency, and teamwork in food processing techniques for specific commodities and industrial plant unit operations.	
	<b>PSO4</b>	Give hands-on experience in various aspects of food industries that forms a strong foundation for young food technologists and to create entrepreneurial skills and interest.	
	<b>PSO5</b>	Apply logical and analytical skills in various situations and to understand and apply problem-solving skills.	
	<b>PSO6</b>	Enhance the students' insight in using English Language in different situations and acquire skills to write in professional and career related situations.	
	<b>PSO7</b>	Apply the principles of chemistry in the fields of food technology and to familiarize with the emerging areas of chemistry and to apprise the students of its relevance in future studies.	
	<b>PSO8</b>	Demonstrate solid scientific and technical competence for investigating and applying the relationships of physics phenomena in the fields of food technology.	

<b>PSO9</b>	Expose the student with fundamental knowledge on hardware and software of computers and impart knowledge related to the applications of computation in food industries.	
<b>PSO10</b>	Understand how humans interact with the environment, and to find ways to deal with environmental problems and live more sustainably.	
<b>Bachelor of Commerce, Finance</b>	<b>B.COM F</b>	<b>BCM</b>
<b>PSO1</b>	To demonstrate a comprehensive understanding of advanced financial theories, concepts, and models	
<b>PSO2</b>	To develop skills in financial modelling and quantitative techniques for financial analysis and decision-making	
<b>PSO3</b>	To develop the ability to analyse financial statements, assess financial performance, and make informed financial decisions	
<b>PSO4</b>	To acquire expertise in investment strategies, portfolio management, and risk assessment in financial markets.	
<b>PSO5</b>	To understand the principles of corporate finance, including capital budgeting, cost of capital, and financial decision-making for businesses.	
<b>PSO6</b>	To learn about derivatives and risk management strategies to hedge against financial risks.	
<b>PSO7</b>	To develop skills in financial modelling and quantitative techniques for financial analysis and decision-making.	
<b>PSO8</b>	To develop the student's proficiency in necessary English Language Skills and enable them to communicate effectively in a variety of interpersonal and academic situations.	

<b>Bachelor of Commerce, Computer Application</b>	<b>B. Com CA</b>	<b>BCM</b>
<b>PSO1</b>	To demonstrate a comprehensive understanding of advanced financial theories, concepts, and models	
<b>PSO2</b>	To develop skills in financial modelling and quantitative techniques for financial analysis and decision-making	
<b>PSO3</b>	To develop the ability to analyse financial statements, assess financial performance, and make informed financial decisions.	
<b>PSO4</b>	To explore the application of technology in business processes, including e-commerce, and other business applications.	
<b>PSO5</b>	To understand the principles of corporate finance, including capital budgeting, cost of capital, and financial decision-making for businesses.	
<b>PSO6</b>	To gain proficiency in web development technologies, including HTML, CSS, and frameworks for building dynamic and interactive websites.	
<b>PSO7</b>	Apply critical thinking and problem-solving skills to address financial challenges.	
<b>PSO8</b>	To develop the student's proficiency in necessary English Language Skills and enable them to communicate effectively in a variety of interpersonal and academic situations.	
<b>Bachelor of Commerce, Cooperation</b>	<b>B. Com Cop</b>	<b>BCM</b>
<b>PSO1</b>	To demonstrate a comprehensive understanding of advanced financial theories, concepts, and models.	
<b>PSO2</b>	To develop skills in financial modelling and quantitative techniques for financial analysis and decision-making.	

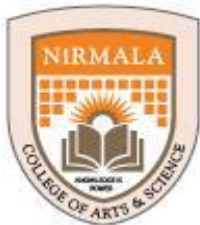
	<b>PSO3</b>	To develop the ability to analyse financial statements, assess financial performance, and make informed financial decisions.	
	<b>PSO4</b>	To explore the application of technology in business processes, including e-commerce, and other business applications.	
	<b>PSO5</b>	To understand the principles of corporate finance, including capital budgeting, cost of capital, and financial decision-making for businesses.	
	<b>PSO6</b>	To understand the legal and regulatory framework governing cooperative organizations, including compliance with relevant laws and regulations.	
	<b>PSO7</b>	To acquire knowledge in the areas of cooperative management, including organizational structure, governance, and decision-making processes.	
	<b>PSO8</b>	To develop the student's proficiency in necessary English Language Skills and enable them to communicate effectively in a variety of interpersonal and academic situations.	
	<b>PSO9</b>	To enable the students to understand critical and theoretical approaches to literature and apply them to the reading and analysis of literary and cultural narratives.	
	<b>PSO10</b>	The students will become expertise in writing analytically in a variety of formats including different types of essays, research papers and critical writings.	
	<b>PSO11</b>	Increase the student's capability to review literary texts through the lens of sociocultural and political contexts of the time.	
	<b>PSO12</b>	Enhance the student's insight in using English Language in different journalistic situations and acquire skills to write for the media.	

<b>Bachelor of Commerce, Banking and Insurance</b>	<b>B. Com BI</b>	<b>BCM</b>
<b>PSO1</b>	To Provide well trained professionals in Banking sectors, Insurance Companies, Financing Companies, Transport agencies, Warehousing Etc.	
<b>PSO2</b>	Develop analytical skills to assess financial statements and make informed financial decisions.	
<b>PSO3</b>	To acquire knowledge and skills in assessing and managing financial risks.	
<b>PSO4</b>	To explore the application of technology in business processes, including e-commerce, and other business applications.	
<b>PSO5</b>	To understand and comply with financial regulations and ethical standards in financial practices.	
<b>PSO6</b>	To acquire in-depth knowledge of various banking and insurance products and services, including deposit accounts, loans, investment products, life insurance, property and casualty insurance, and other financial instruments.	
<b>PSO7</b>	Apply critical thinking and problem-solving skills to address financial challenges.	
<b>PSO8</b>	To develop the student's proficiency in necessary English Language Skills and enable them to communicate effectively in a variety of interpersonal and academic situations.	
<b>Master of Arts, Travel &amp; Tourism</b>	<b>MTTM</b>	<b>MTM</b>
<b>PSO1</b>	Explain the principles and practices of tourism	
<b>PSO2</b>	Identify the strategies needed to develop and promote tourism sustainably in the country.	
<b>PSO3</b>	Make use of statistics and technology for the efficient operations and management of travel, tourism and hospitality organizations	

<b>PSO4</b>	Explain the structure, planning, operations and management of airline, airport, hotel, tour operation and destination management organizations	
<b>PSO5</b>	Develop managerial and marketing strategies for successful travel and tourism business operations	
<b>PSO6</b>	Create plans, policies and guidelines for the tourism sector	
<b>PSO7</b>	Demonstrate the knowledge and ability to identify and develop a new enterprise in tourism	
<b>PSO8</b>	Demonstrate the knowledge and ability to identify and pursue career options in the area of travel, tourism and hospitality	
<b>PSO9</b>	Apply research methods for undertaking researches in the realm of Tourism	
<b>PSO10</b>	Estimate the benefits and impacts of tourism in destinations	
<b>Master of Commerce, Finance</b>	<b>M.Com F</b>	<b>MCM</b>
<b>PSO1</b>	To demonstrate a comprehensive understanding of advanced financial theories, concepts, and models.	
<b>PSO2</b>	To develop the ability to analyse financial statements, assess financial performance, and make informed financial decisions.	
<b>PSO3</b>	To acquire expertise in investment strategies, portfolio management, and risk assessment in financial markets.	
<b>PSO4</b>	To understand the principles of corporate finance, including capital budgeting, cost of capital, and financial decision-making for businesses.	
<b>PSO5</b>	To learn about derivatives and risk management strategies to hedge against financial risks.	
<b>PSO6</b>	To develop skills in financial modelling and quantitative techniques for financial analysis and decision-making.	

“Education is the Most  
Powerful weapon  
which you can use to  
change the world.”

*Nelson Mandela*



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