

# MICROBIOLOGY, MYCOLOGY, LICHENOLOGY AND PLANT PATHOLOGY

**COURSE OUTCOMES (COs)**

By the end of the course, students are expected to:

- 1. Understand basics of microbial life and their economic importance.
- 2. Develop general awareness on the diversity of microorganisms, fungi and lichens.
- 3. Analyze the ecological role played by bacteria, fungi and lichens
- 4. Identify plant diseases and find out control measures.
- 5. Realize the significance of plant diseases as far as crop production is concerned.

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**POST GRADUATE DEPT. OF  
COMMERCE**

**Name of the Programme: M.Com Finance**

**Programme Outcome**

- The students will develop an ability to apply knowledge acquired in problem solving.
- The students will foster an ability to work in teams with enhanced communication and interpersonal skills.
- The students will be ready for employment in functional areas like Accounting, Taxation and Corporate Law.
- The students would inculcate ethical values, team work, leadership and managerial skills.
- Students will exhibit inclination towards pursuing professional courses such as CA/CIP/CMA/ICFA etc.
- Students will enable to enter in the field of Research in Finance and Management.

**Program Specific Outcome**

- Apply multidisciplinary domain knowledge comprising of accounting, finance, operations, marketing and human resource management to select suitable project proposal.
- Apply the conceptual and practical business knowledge to identify and solve organizational problems using a systematic and analytical decision-making approach.
- Assess global opportunities and challenges to contribute towards firm's growth through strategic mergers, acquisitions and international expansion.
- Evaluate the implications of changing environmental factors on organization.
- Demonstrate knowledge, skills & positive attitude to work individually or as multi-disciplinary teams in a dynamic organizational environment.
- Exhibit ability to identify and organize data, synthesize and analyze to abstract meaning from information, in order to share knowledge to the key stakeholders.

**Name of the Programme: B.Com Co-operation**

**Programme Outcome**

- Students would gain a thorough grounding in the fundamentals of Commerce and Finance.
- The comprehensive project focused curriculum offers a number of specializations and practical exposures which would enable the student to face the modern day challenges in commerce and business.
- The all inclusive syllabus of the courses offer a number of value-based and job oriented courses, thereby, the students are trained step-by-step, in advanced accounting courses beyond the intermediate level. Effective development will also progress in the taking and organization tasks.
- Students will demonstrate progressive effective domain development of values, the role of accounting in society and business.
- Learners will be able to progress proficiency with the ability to engage in competitive exams like CA/CIP/CMA and other courses.
- Learners will acquire the skills like effective communication, decision making, problem solving ability to demonstrate ideas.

**Program Specific Outcome**

- Students will be able to demonstrate progressive learning of various tax issues and tax harmonization in India.
- Students will be able to demonstrate knowledge in setting up incorporated set of accounting books.
- Students will learn relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future career in business.
- Learners can also acquire practical skills to work as tax consultant, audit assistant and other financial supporting services.
- Learners will be able to do higher education and advance research in the field of Commerce and Finance.
- Students will be able to work in the Co-operative field and can apply their knowledge and skills in the Co-operative sector.
- Students will be able to provide consultancy, guidance and other services to the promotion of Co-operative sector.

Approved by the Council of the University of Kerala  
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**New Computer Lab (UGC Aided)**

*Inaugurated by :*  
**Adv. K.P. Rajendran**  
(Hon. Minister for Revenue, Kerala)

*In the presence of :*  
**Dr. P.A. Fazal Ghafoor**  
(President, MES Kerala)

**Sri. T.N. Prathapan MLA**

**Dr. A.K. Siddiq**      **K.K. Kunjumoideen**      **Prof. P.K. Yacoob**  
President      Secretary & Correspondent      Principal

Date: 15.09.2007

**RESEARCH & P.G. DEPT. OF BOTANY**

**Name of the Programme: B.Sc. Botany**  
**Programme Outcome**

- A Knowledge and understanding of:
  - The range of plant diversity in terms of structure, function and environmental relationships.
  - The evaluation of plant diversity.
  - Plant classification and the British flora.
  - The role of plants in the functioning of the global ecosystem.
  - A selection of more specialized, optional topics.
  - Statistics as applied to biological data.

**Program Specific Outcome**

- Understand the importance of plants, their diversity and its conservation
- Understand contribution of botany in increase and improve our supply of medicines, food, fibers and other plant products.
- Understand health and environmental protection and to solve the pollution problems.

**Name of the Programme: M.Sc. Botany**  
**Programme Outcome**

- Clear, comprehensive and advanced mastery in the field of Botany.
- Understand the advanced areas of biological sciences with special reference to Botany and its applied branches.
- Skill in practical work, experiments, use of biological tool and techniques
- Experience in statistical analysis of data for better interpretations and problem-solving
- Could integrate their acquired knowledge to practical lives in to make our country self-reliant.
- Ability to suggest innovative programs in case for future and life for sustainable development.
- Readiness to explore the intricacies of life forms at the cellular, molecular and nano level.
- Inspiration to disseminate the concept of biodiversity conservation.
- Problem-solving skills in students to carry out research projects thereby unbinding them the spirit of knowledge creation.

**Program Specific Outcome**

- Understand the nature and basic concepts of plant cell biology, Biochemistry, Taxonomy, Physiology, anatomy, genetics and ecology in molecular level.
- Analyse the relationships among different types of plants and microbes
- Perform procedures as per laboratory standards in the areas of Biochemistry, Bioinformatics, Taxonomy, Economic Botany and Ecology



**POST GRADUATE DEPT. OF ENGLISH**

**Dr. T.R. MURALIKRISHNAN**  
PUBLIC INFORMATION OFFICER

**Name of the Programme: M.A. English**

**Programme Outcome**

- Students should be able to appreciate the representative literary and cultural traditions in English literature.
- Students should be able to identify the crucial and distinctive approaches in the writing and thinking that appear in the study of literary, cultural and social texts in various national and regional contexts and to evaluate and interpret the complex issues raised and the different perspectives on them.
- Students should be able to identify the role of literature in the social, cultural, and political contexts and to evaluate the role of literature in the social, cultural, and political contexts.
- Students should be able to identify the role of literature in the social, cultural, and political contexts.

**Program Specific Outcome**

- To highlight the role of literature in the social, cultural, and political contexts.
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**Name of the Programme: B.A. English**

**Programme Outcome**

- To identify the role of literature in the social, cultural, and political contexts.
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**Program Specific Outcome**

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## Name of the Programme: Bachelor of Computer Applications

### Programme Outcome

- To attract young minds to the potentially rich area of Computer Application.
- To be a foundation graduate program which will act as a feeder course for higher studies in the area of computer science/applications
- To develop skills in software development so as to enable the BCA graduates to take up self-employment in India.
- To train & equip the students to meet the requirements of the Software Industry in the country and outside.
- To enhance employability of BCA graduates.
- To create a vibrant youth band with potential for generating new vistas of knowledge in computer application.

### Program Specific Outcome BCA

- Exploring the potential of computer application in solving the problems related other branches of knowledge.
- **Successful Career and Entrepreneurship:** Explore technical knowledge in diverse areas of Computer Applications and experience an environment conducive in cultivating skills for successful career, entrepreneurship and higher studies.
- Utilize modern and advanced technological tools for performing problem solving, analysis and synthesis by identifying various computer-technology related positions or
- **Domain Expertise of employment in computer studies.**
- **technically competencies to pursue higher studies.** OOP concepts, Databases, Microprocessor and assembly languages, web applications and hardware related applications.
- **Professional Skills:** Attain the ability to design and develop computer applications, evaluate and recognize potential risks and provide innovative solutions.



DEPT. OF COMPUTER APPLICATIONS &  
MASS COMMUNICATION

DEPT. OF COMPUTER APPLICATION  
MASS COMMUNICATION

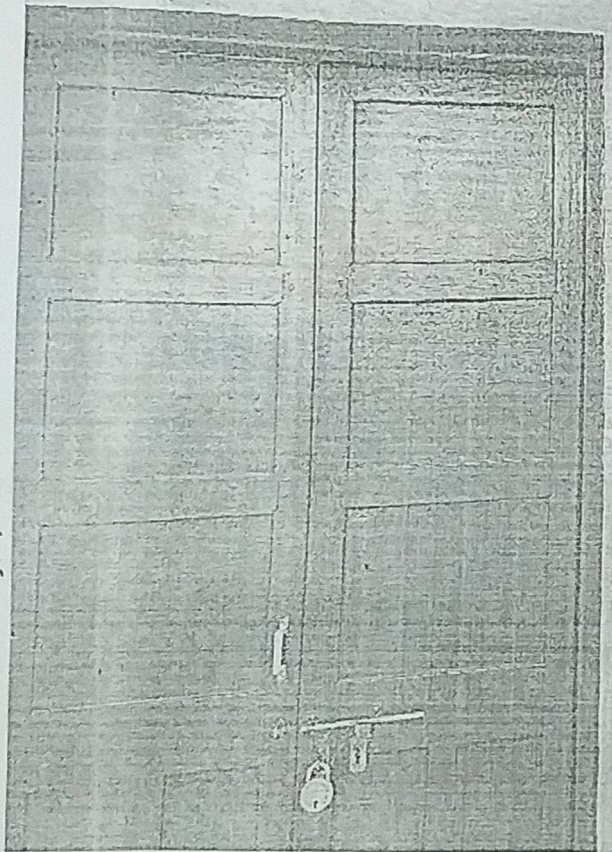
DEPARTMENT OF  
MASS COMMUNICATION  
DEPARTMENT OF  
COMPUTER APPLICATION

**Name of the Programme: B.A. Mass Communication**  
**Programme Outcome**  
• Aim of the programme is to make effective oral presentations on a variety of topics in public settings.  
• Recognize the connection between journalism/media freedoms and democracy.  
• They will understand and be able to apply relevant case law involving journalism, the First Amendment, and other mass media issues.  
• Students will be able to write a variety of mass media products, including news stories, press releases.  
• Will be able to create and design emerging media products, including blogs, digital audio, digital video.  
• Will be able to maintain balance between freedom of the press and freedom of the society.  
**Program Specific Outcome**  
• It familiarizes the students with the basic elements of mass communication.  
• It helped students to gain knowledge regarding history of journalism and broadcasting.  
• Enabled them to understand the different perspective of media from different context.  
• The course provided them an introduction to the world of advertising.  
• Enabled them to understand the different perspectives on corporate communication.  
• Enabled them to understand TV production, Radio production, News production etc.

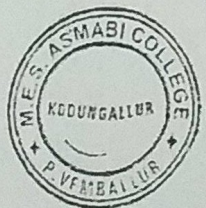
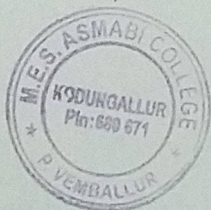
"Start from today  
Future is new..."  
**SAVE WATER**  
WSP Amalga 2015



RESEARCH & PG. DEPT. OF  
**BOTANY**



Name of the Programme: B.Sc. Botany	Name of the Programme: M.Sc. Botany
<b>Programme Outcome</b> 1. Knowledge and understanding of: 2. Awareness of plant diversity, diversity of structure, function and environment of plants. 3. Ability to identify and describe the structure and function of various plant parts. 4. Ability to identify and describe the structure and function of various plant parts. 5. Ability to identify and describe the structure and function of various plant parts. 6. Ability to identify and describe the structure and function of various plant parts.	<b>Programme Outcome</b> 1. Knowledge and understanding of: 2. Awareness of plant diversity, diversity of structure, function and environment of plants. 3. Ability to identify and describe the structure and function of various plant parts. 4. Ability to identify and describe the structure and function of various plant parts. 5. Ability to identify and describe the structure and function of various plant parts. 6. Ability to identify and describe the structure and function of various plant parts.
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