



**St. Albert's College (Autonomous)**



**2022 - 23**

# Undergraduate Admission **Prospectus**

Updated on 13.07.2022



# St. Albert's College (Autonomous)



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## Undergraduate Admission Prospectus 2022 - 23



Accredited by NAAC at 'A' Grade (2016)  
ISO 9001:2015 Certified by TUV Rheinland



One of the Top Ten Colleges in the World working hard to conserve aquatic endangered species



Selected for FIST program of DST  
Star College of Dept. of Biotechnology, Govt of India

### St. Albert's College (Autonomous)

Archdiocese of Verapoly, Banerji Road, Ernakulam,  
Kochi - 682 018

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## About St. Albert's College (Autonomous)

St. Albert's College (Autonomous), situated at a premier location in the city of Kochi, is a first grade Autonomous college affiliated to the Mahatma Gandhi University, Kottayam. It functions under the management of the Archdiocese of Verapoly with a legacy spanning over ten decades in the field of education.

The College is accredited with 'A' grade by NAAC and ISO 9001-2015 certified by TUV Rheinland. The programmes provided by St. Albert's College (Autonomous) imparts knowledge and fosters attitudes essential for the overall development of students, thereby turning them into competent and responsible educated citizens. The programmes have been designed after extensive research and provides students with multiple career opportunities. With 31 under graduate programmes, 17 post graduate programmes and 1 integrated postgraduate programme in Statistics and 7 research centres leading to Ph.D., St. Albert's College (Autonomous) is indeed a front-runner in the field of higher education.

## VISION

To be a centre of excellence in all endeavours, focusing on learning outcomes, teaching, research, consultancy, community involvement and nation building.

## MISSION

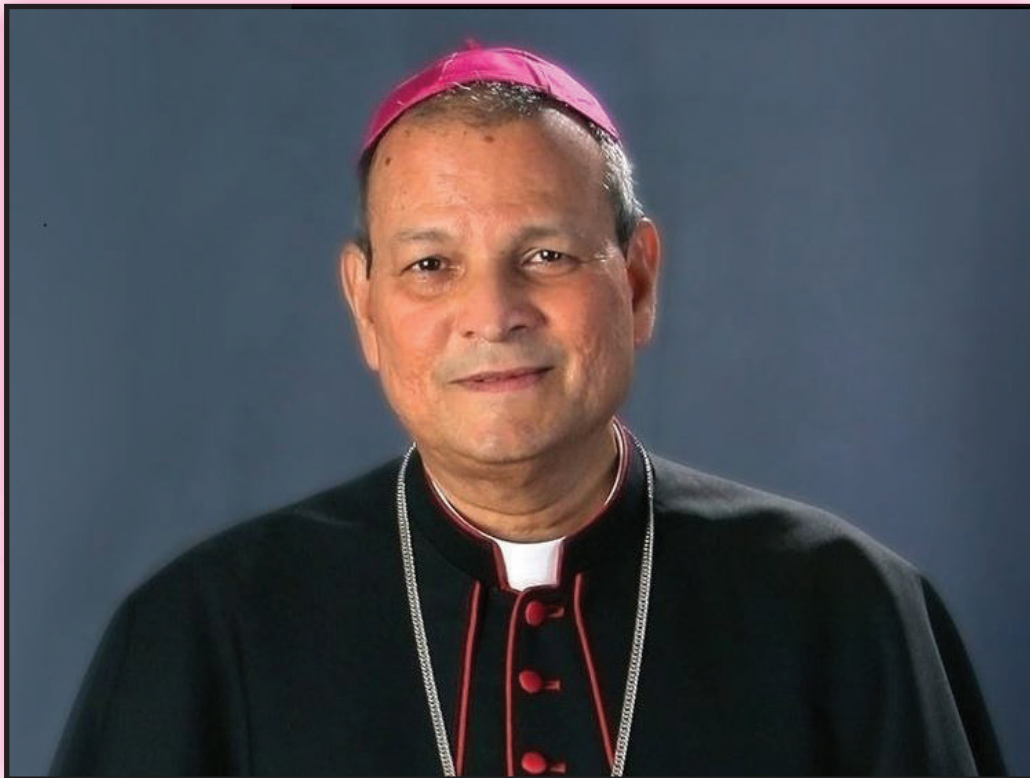
Inspired by the Eternal Teacher, Jesus Christ, we strive towards the goal of equipping young people to meet the challenges of the modern times by providing an all-round formation. We exist for our students and provide them with a most friendly innovative and growth-oriented ambience to create knowledge, develop social consciousness and civic responsibilities. We do everything in our capacity to ensure excellent standards that would secure them higher learning, employability, research aptitude, leadership and life skills.

## COAT OF ARMS

Our Coat of Arms is in the form of a heraldic shield divided into four parts by a cross. The left side of the upper half has an open book and a flaming torch. The book signifies the light of truth derived from knowledge. The trumpeting angel on the right side of the upper half symbolizes selfless services like those of a ministering angel. The left side of the lower half has a boat with its sail full blown, moving forward. This represents the launching into the ocean of life, well equipped with knowledge and truth. The coconut palms on the right side of the lower half stand for the motherland that seeks care and affection. The blue and red background of the shield represents the College colours which signify hope and sacrifice. Our motto "FOR TRUTH AND SERVICE" can be seen at the bottom. Our Coat of Arms clearly reflects the moral, material and spiritual objectives cherished by the founder of this College. It exhorts the students to equip their minds with knowledge, to tread steadily along the paths of life, guided by the light of truth, love and service to achieve success in life, and, above all, to be prepared to make any sacrifice that is required of them for a noble and worthy cause. It is the sacred duty of every Albertian to follow the noble ideals that the Alma Mater has set for him/her to emulate and exemplify in his/ her life.



**OUR PATRON**



**His Grace Most Rev. Dr. Joseph Kalathiparambil**  
Metropolitan Archbishop of Verapoly

## Albertian Heritage

St. Albert's College is an Autonomous Institution situated at the heart of the city of Kochi, affiliated to the Mahatma Gandhi University, Kottayam and is functioning under the management of the Archdiocese of Verapoly. The seeds of this portal of higher learning had already been sown when St. Albert's High School commenced its functioning in the year 1892. On August 18, 1898 the school got the recognition of Madras University. This has been a premier centre of learning for the young male children of wider Cochin area from its very inception. The College owes its origin to the foresight and sagacity of its Founder Patron, The Most Rev. Dr. Joseph Attipetty, the first Indian Archbishop of the Archdiocese of Verapoly. His Grace, a noble prelate of rare vision and saintliness, was of the view of promoting higher education among his flock. It was with this vision that His Grace ventured upon the onerous mission of starting a College. The laboriousness of this colossal project, however, was shared by the selfless and devoted service of the Rt. Rev. Msgr. Alexander Lenthaparambil, the then Vicar General of the Archdiocese. Also in the forefront was the Very Rev. Msgr. Joseph Vaipicherry, who took charge as the Manager of both the High School and the College and also the Secretary to the College Governing Body.

The mission was accomplished in 1946 when the University of Madras upgraded St. Albert's High School, Ernakulam to a second grade College. The College began to function on 16 July 1946 in the old High School building with 150 students in the Intermediate Class. Degree courses were introduced in 1947. Subsequently classes were shifted to the new building just opposite to the old school building in 1951. In 1958, when the Kerala University Act came into force, the affiliation was shifted to the Kerala University. In 1983 when the Mahatma Gandhi University was established, the College became affiliated to the Mahatma Gandhi University. Throughout its history, the College has enjoyed the vision and the benevolent services of many great men of God. The Most Rev. Dr. Joseph Kelanthara, who succeeded the Most Rev. Dr. Joseph Attipetty, and the Most Rev. Dr. Cornelius Elenjikal, who then followed, spared no pains and efforts in maintaining the noble vision of their predecessors.

The contributions made by the Rt. Rev. Msgr. Emmanuel Lopez and the late Auxiliary Bishop the Rt. Rev. Dr. Antony Thannikot have helped the College in upholding the higher ideals of education. The College celebrated its Golden Jubilee in 1996-97 and there began a new era of job oriented courses. During the time of the Most Rev. Dr. Daniel Acharuparambil, who was a visionary and philosopher, the college reached new heights in academic excellence. In 2009, the college was awarded 'A' grade by NAAC. In 2016 NAAC reaccredited the College at 'A' grade for the 2nd time, during the time of Most Rev. Dr. Francis Kallarackal, the former patron.

In 2016 March, University Grants Commission granted Autonomous status to the College. In 2017, the college was recertified for ISO 9001: 2015 by TUV Rheinland. The College has also been selected under FIST scheme of DST and Star college programme of DBT. Today, with 31 Under Graduate Programmes, 17 Postgraduate Programmes including Master's Programmes in Space Science and Technology, Business Administration, Social Work, 1 integrated Post graduate Programme in statistics and 7 Research Centres leading to Ph.D., St. Albert's College (Autonomous) is indeed a front-runner in the field of higher education. Under the benevolent patronage of the Most Rev. Dr. Joseph Kalathiparambil, Metropolitan Archbishop of Verapoly, the College is marching ahead to higher echelons in the field of higher education.



## UNDERGRADUATE PROGRAMMES

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### Arts

1. BA Economics
  2. BA English
  3. BA English Triple Main – Literature, Communication and Journalism (SF) (AN)
  4. B Voc Journalism and Mass Communication (SF) (AN)
- 

### Commerce

5. B Com Finance and Taxation
  6. B Com Finance and Taxation (2 batches) (SF) (AN & FN)
  7. B Com Computer Applications (SF)
  8. B Com Cooperation (SF) (AN)
  9. B Voc Professional Accounting and Taxation (SF) (AN)
- 

### Management

10. BBA (SF)
  11. BBM (SF) (AN)
  12. B Voc Logistics Management (SF)
  13. B Voc Retail Management (SF) (AN)
  14. B Voc Travel and Tourism (SF) (AN)
- 

### Professional

15. B Voc Medical and Psychiatric Social Work (SF) (AN)
  16. B Voc Fitness Management and Personal Training (SF) (AN) (Albertian Sports Campus, Kaloor)
  17. B Voc Sports Nutrition and Physiotherapy (SF) (AN)
- 

### Science

18. B Sc Aquaculture
  19. B Sc Industrial Fisheries (SF)
  20. B Voc Commercial Aquaculture (SF) (AN)
  21. B Voc Fish Post Harvest Technology and Management (SF) (AN)
  22. B Sc Botany
  23. B Sc Zoology
  24. B Sc Chemistry
  25. B Sc Industrial Chemistry
  26. B Sc Mathematics
  27. Integrated Programme in Basic Sciences – Statistics (5 years) (AN)
  28. B Sc Physics
  29. B Voc Renewable Energy (SF)
- 

### Computer Science and IT

30. B Sc Computer Science (SF)
31. B Voc Software Development(SF) (AN)

**TENTATIVE SCHEDULE FOR ADMISSION TO UG PROGRAMMES (Updated on 13.07.2022)**

<b>Particulars</b>	<b>Date</b>
Notification for Admission to UG Programme	30-04-2022
Online availability of UG Application forms and Prospectus	01-05-2022
Last date for the remittance of fee for online registration	To be announced
Last date for final submission of online application	To be announced
Last date for submission of supporting documents (Only for the Physically Disabled, Cultural, Sports and Management quota) at the college office	To be announced
Publication of all Provisional Rank Lists	To be announced
Last date for reporting of errors in the provisional rank-list (if any)	To be announced
Publication of Final Rank Lists	To be announced
Admission for ALL COURSES to Sports/Cultural/PD Quotas	To be announced
Admission to ALL Other Quotas (B.Com Finance and Taxation (Aided), B.Com. Finance and Taxation (SF and AN), B.Com. Computer Application (SF), B.Com. Cooperation(SF), B.Voc Professional Accounting and Taxation)	To be announced
Admission to ALL Other Quotas (B.A. Economics, B.A. English, B.A. Triple Main English – Journalism, Communication and Literature (SF), B.B.A (SF), B.B.M. (SF), B. Voc. Logistics Management (SF), B.Voc Journalism and Mass Communication (SF)	To be announced
Admission to ALL Other Quotas (B.Sc. Physics, B.Sc. Chemistry, B.Sc. Industrial Chemistry, B.Sc. Mathematics, M.Sc. Integrated Statistics, B.Sc. Computer Science (SF), B.Voc Software Development (SF), B.Voc. Renewable Energy(SF)	To be announced
Admission to ALL Other Quotas (B.Sc. Botany, B.Sc. Zoology, B.Sc. Aquaculture, B.Sc. Industrial Fisheries (SF), B.Voc Commercial Aquaculture (SF), B.Voc Fish Post Harvest Technology and Management (SF)	To be announced
Admission to ALL Other Quotas (B.Voc. Travel and Tourism (SF*), B.Voc. Retail Management (SF*), B.Voc. Sports Nutrition and Physiotherapy (SF*), B.Voc Fitness Management and Personal Training (SF), B.Voc Medical and Psychiatric Social Work (SF)	To be announced
Commencement of Classes	To be announced
Second Allotment for General/SC/ST/Community/Management for all courses	To be announced
Third Allotment for General/SC/ST/Community/Management for all courses	To be announced
Spot Admission	To be announced
Induction Programme	To be announced
Closing Date of Admission	To be announced

## SANCTIONED STRENGTH OF UNDER GRADUATE PROGRAMMES

No	Name of the Under Graduate Programme	Sanctioned strength
1	B.A. Economics	60
2	B.A. English	24
3	B.A. English Literature, Communication and Journalism (Triple Main) (SF)*	30
4	B.Com. Finance and Taxation	50
5	B.Com. Finance and Taxation (SF - FN)	60
6	B.Com. Finance and Taxation (SF)*	40
7	B.Com. Computer Applications (SF)	60
8	B.Com. Co-operation (SF)*	40
9	B.B.A (SF)	50
10	B.B.M. (SF)*	30
11	B.Sc. Physics	48
12	B.Sc. Chemistry	48
13	B.Sc. Industrial Chemistry	24
14	B.Sc. Mathematics	32
15	B.Sc. Botany	36
16	B.Sc. Zoology	36
17	B.Sc. Industrial Fisheries (SF)	48
18	B.Sc. Aquaculture	24
19	B.Sc. Computer Science (SF)	50
20	B.Voc. Logistics Management (SF)	50
21	B.Voc. Renewable Energy (SF)	50
22	B.Voc. Retail Management (SF)*	50
23	B.Voc. Travel and Tourism (SF)*	50
24	B.Voc. Fitness Management and Personal Training (SF)**	50
25	B.Voc. Professional Accounting and Taxation (SF)*	50
26	B.Voc. Commercial Aquaculture (SF)*	50
27	B.Voc. Software Development (SF)*	50
28	B.Voc. Fish Post Harvest Technology and Management (SF)*	50
29	B.Voc. Journalism and Mass Communication (SF)*	50
30	B.Voc. Medical and Psychiatric Social Work (SF)*	50
31	B.Voc. Sports Nutrition and Physiotherapy (SF)*	50
32	Integrated M.Sc. in Basic Sciences – Statistics*	15

### (SF) - Self-Financing Courses

**Morning Session - Class timings will be from 8:00 am to 1:30 pm**

**\*Class timings will be from 1:45 pm to 5:45 pm and on Saturdays 1:00 pm to 6:00 p.m**

**\*\*Class timings will be from 2:00 pm to 6:00 pm and on Saturdays 1:00 pm to 6:00 pm. Venue is in the Albertian Sports Campus, Kaloor.**



## DEPARTMENT OF FISHERIES AND AQUACULTURE

### Undergraduate Degree Programmes

- ❖ B.Sc. Aquaculture
- ❖ B.Sc. Industrial Fisheries
- ❖ B.Voc. Commercial Aquaculture
- ❖ B.Voc. Fish Post Harvest Technology & Management

### Postgraduate Programme

M.Sc. Applied Fisheries and Aquaculture

### Ph.D

Ocean Science and Technology

### Certificate Programmes

- ❖ Aquarium Keeping and Ornamental Fish Rearing
- ❖ Aquaponics, Recirculatory Aquaculture Systems

### Contact

aquaculture@alberts.edu.in

The Research Department of Fisheries and Aquaculture, established in 1995, offers four U.G. Programmes – B.Sc. Aquaculture, B.Sc. Industrial Fisheries, B.Voc. Commercial Aquaculture and B.Voc. Fish Post Harvest Technology and Management and one PG Programme, M.Sc. Applied Fisheries and Aquaculture, in addition to research leading to PhD in Ocean Science and Technology. The Department strives to provide quality education at par with international standards aiming towards healthy development. At the same time, the Department is committed to the society at large to popularize the concepts of responsible fisheries and sustainable Good Aquaculture Practices.

### VISION

*To transform the Department into a Knowledge Centre of International acclaim in Fisheries and Aquaculture, through conscious efforts, focusing on research and extension, adopting a multi-disciplinary and collaborative approach*

### MISSION

*To provide Education, Research and Outreach needed by society to conserve fishery resources and ecosystem restoration.*

### Why B.Sc. Aquaculture @Albert's

The Programme is designed to develop skilled aquaculture technicians with a broad background in the practical and academic skills of finfish and shellfish biology, fish and shrimp pond management, water and soil quality management, finfish, shellfish and invertebrate culture, environmental impact assessment, habitat and stock monitoring, wild stock management, aquaculture business management and planning. The area is famous for its accessibility to shrimp and finfish farms, fish processing industries, Central and State Government Fisheries Institutions and Research Centres, which enhance the credibility of the Programme as well as expand the opportunities of the graduates.

### First Semester

- Fine Tune Your English
- Biology of Fishes
- Finfish and Shellfish Taxonomy
- Freshwater Aquaculture
- Taxonomy, Fishery Biology & Freshwater Aquaculture
- Elementary Biochemistry
- Non-chordate Diversity

### Second Semester

- Issues That Matter
- Aquatic Ecology
- Fishing Technology
- Brackish Water Aquaculture and Mariculture
- Aquatic Ecology, Fishing Technology,
- Brackish water aquaculture and Mariculture
- Biomolecules
- Chordate Diversity

### Third Semester

- Inland and Marine Fisheries
- Biostatistics and Computer Applications
- Aquaculture Nutrition
- Aquaculture, Biostatistics and Computer Applications
- Freshwater Hatchery Training
- Enzymology & Metabolism
- Human Physiology & Immunology

### Fourth Semester

- Genetics and Biotechnology
- Pathology in Aquaculture
- Aquariculture
- Breeding and Rearing of Aquarium Fishes
- Fish Breeding Project
- Nutritional & Clinical Biochemistry
- Applied Zoology

### Fifth Semester

- Larval Nutrition and Culture of Fish Food Organisms
- Fishery Microbiology
- Fishery Microbiology and Pathology
- Aquafarm Management
- Ornamental Fisheries

### Sixth Semester

- Aquaculture Management
- Aquaculture Engineering
- Fisheries Economics and Extension
- Fish Processing Technology and Quality Control
- Aquaculture and Ecosystem Management
- Water and Soil Quality Parameters
- Project Work
- Study Tour

## Why B.Sc. Industrial Fisheries @Albert's

The Programme is designed to impart practical and academic skills in finfish and shellfish biology, fish and shrimp pond management, water and soil quality management, finfish, shellfish, and invertebrate culture, environmental impact assessment, habitat, and stock monitoring, wild stock management, fisheries Business Management, and Planning. The syllabus of the Programme is well structured, which will make the students versatile and enable them to rightly fit into different job sectors like ornamental fisheries, processing sector, fish capture industry, culture sect, or the field of research & development. The region is well known for the prosperous fish processing establishments, Central and state government fishery institutions, fishing harbours, and associated small and large scale industries.

### First Semester

- Fine Tune Your English
- Biology of Fishes
- Finfish and Shellfish Taxonomy
- Freshwater Aquaculture
- Taxonomy, Fishery Biology & Freshwater aquaculture
- Elementary Biochemistry
- Non-chordate Diversity

### Second Semester

- Issues That Matter
- Aquatic Ecology
- Fishing Technology
- Brackish Water Aquaculture and Mariculture
- Aquatic Ecology, Fishing Technology, Brackish Water Aquaculture, and Mariculture
- Biomolecules
- Chordate Diversity

### Third Semester

- Inland and Marine Fisheries
- Biostatistics and Computer Applications
- Aquaculture Nutrition
- Aquaculture, Biostatistics and Computer Applications
- Freshwater Hatchery Training
- Enzymology & Metabolism
- Human Physiology & Immunology

### Fourth Semester

- Genetics and Biotechnology
- Pathology in Aquaculture
- Aquariculture
- Breeding and rearing of Aquarium Fishes
- Fish Breeding Project
- Nutritional & Clinical Biochemistry
- Applied Zoology

### Fifth Semester

- Larval Nutrition and Culture of Fish Food Organisms
- Fishery Microbiology
- Fishery Microbiology and Pathology
- Aquafarm Management
- Value Added Fishery Products

### Sixth Semester

- Fisheries Management
- Fish Processing Technology and Quality Control
- Fishery Economics and Marketing
- Fishery Byproducts
- Fish Processing Technology and Quality Control
- Water and Soil Quality Parameters
- Project Work
- Study Tour

## Why B. Voc. Commercial Aquaculture @Albert's

The Programme is designed to develop entrepreneurially oriented aquaculture graduates with an in depth expertise in the pragmatic and academic skills related to aquatic ecology and fishery biology, freshwater aquaculture, brackish water aquaculture, mariculture, culture of ornamental fishes, technological aspects of fish capture, hatchery technology, aquaculture nutrition, soil and water quality management, microbiology and fish pathology, processing technology and value addition, aquaculture engineering and biotechnology, aquaculture entrepreneurship and development planning.

### First Semester

- Basic English Skills for Business
- Introductory Environmental Studies
- Chemical Interactions in the Aquatic Environment
- Principles of Aquaculture and Aquatic Ecology
- Biology of Fishes
- Principles of Aquaculture, Ecology, and Biology of Fishes

### Second Semester

- Advanced English Skills for Business
- Inland and Marine Fisheries
- Fishing Methods
- Freshwater Aquaculture and Hatchery Technology
- Fishing Methods and Hatchery Technology

### Third Semester

- Research Methodology
- Environmental Science & Human Rights
- Sustainable Aquaculture
- Bio-Statistics and Computer Application
- Aquaculture Nutrition and Soil and Water Quality Management
- Bio-statistics, Aquaculture Nutrition and Soil, and Water Quality

### Fourth Semester

- Limnology and Oceanography
- Aquaculture Biotechnology
- Fish Preservation and Processing Technology
- Brackish water Aquaculture and Ornamental Fish Culture
- Fish Processing and Ornamental Fish Culture

### Fifth Semester

- Business Entrepreneurship
- Aquaculture Development Planning and Management
- Mariculture
- Value Added Fishery Products
- Microbiology and Pathology in Aquaculture
- Value Addition, Microbiology and Pathology

### Sixth Semester

- Corporate Readiness Program
- Marketing Management
- Aquaculture Engineering
- Fisheries Governance and Socio-economics
- Aquaculture Engineering and Fisheries Governance and Socio-economics

## Why B. Voc. Fish Processing Technology and Management @Albert's

The success of a professional course lies in its capacity to create capable and adept individuals to serve and contribute to their mother industry. Having continuously served society for the past few decades, the Research Department of Fisheries and Aquaculture has never failed to stay fresh and progressive with constant re-modelling and is well aware of the urgent needs of various industries. B.Voc. Fish Post Harvest Technology and Management is a purely industry-oriented Programme. Being the fisheries hub, Kochi has a wide array of facilities and possibilities for fisheries graduates. The Programme ensures maximum utilization of all those facilities leading to enormous possibilities and opportunities.

### First Semester

- Basic English Skills for Business
- Introductory Environmental Studies
- Finfish and Shellfish Resources of India
- The technology of Fish Freezing and Frozen Storage
- Thermal Processing in Fishery Products
- Fish Freezing & Thermal Processing

### Second Semester

- Advanced English Skills for Business
- Fundamentals of Microbiology
- Cured, Dehydrated, and Smoked Fishery Products
- The technology of Mince-based Fish Products
- Cured, Dried, and Mince-based Fish Products

### Third Semester

- Research Methodology
- Environmental Science
- Additives in Fish Processing
- Bio-Statistics & Computer Applications
- Packing, Labelling, Storage and Transportation of Fish and Fishery Products
- Biostatistics and Computer Applications

### Fourth Semester

- Export and Import Management
- Project Formulation and Management
- Design, Maintenance of Fish Processing Plants and Instrumentation
- Fishery By-products and Utilization of Fishery Waste
- Processing Plants and Fishery By-products

### Fifth Semester

- Fisheries Administration and Entrepreneurship Development
- Fisheries Governance and Socio-economics
- Economics and Marketing in Seafood Trade
- Planning and Management of Fisheries Development Programmes
- Post-Harvest Handling of Fish & Quality Management Systems
- Planning and Management of Fisheries, Post-Harvest Handling and Quality Management

### Sixth Semester

- Corporate Readiness Program
- Fisheries Marketing Management
- Quality Control, Inspection, and Certification in Seafood
- Fishery By-Products, Specialty Products, and Value Added Products
- Fishery By-Products, Specialty Products, and Value Added Products

## Collaborations

MoUs with – National Institute of Fisheries Post Harvest Technology and Training ( NIFPHATT), IFP Road, Cochin, Govt. of India.

Cochin International Airport Ltd. (CIAL) Cochin Airport, Nedumbassery, Ernakulam.

Central Institute of Fisheries Technology (CIFT) Matsyapuri, Cochin, Govt. of India (ICAR).

Food Safety Solutions International Cochin etc.

## Facilities

Advanced Fish Biology Lab, Biochemistry Lab, Microbiology Lab, Fish Processing Lab, Hatchery Complex, Wet lab and Aquarium Complex, Fish Farm at Pizhala (1.02 Hectare), Museum (Rare conservative specimens), CRG (Conservation Research Group – one of the leading conservation research group world wide).

## Career Opportunities

Junior Scientist, Assistant Profesor, Fisheries Inspector, Fisheries Extension Officer, Sub Inspector of Fisheries, Farm Manager, Hatchery Manager, Fish Processing Technologist, Marketing Manager, Quality Controller, Food Safety Inspector, Technical Assistants, Project Officer, Research Fellows, Field Assitant, Assistant Directors, Entrepreneurs etc.

## Course Highlights – OJT, Internship, Industry visit, Harbour Visit, Study Tour

On-the-job training is a curricular requirement wherein the students are sent to reputed seafood processing plants and central government organizations for one month. They undergo training in raw material procurement, processing, quality control, and marketing of seafood products domestic market and export market.

### Hatchery Training – Fish Seed Farm



## Activities

### FISH/SHRIMP FARM SEEDING ACTIVITY

The Research Department of Fisheries and Aquaculture, St. Albert's College (Autonomous), Ernakulam, conducts shrimp seeding activity every year at College Fish Farm, Pizhala.



### Vembanad Fish Count

The Vembanad Fish Count Survey attempts to quantify fish diversity in Kerala's Vembanad Lake every year.

### Hands -on-Training

Hands-on-Training on Hygienic Fish Handling and Fishery Products Development for students and public.



### Sea Club Activity (NETFISH - MPEDA)

In association with Sea Club, the Department provides awareness programmes on sustainability, Beach Cleaning Programmes etc.



### SCUBA Diving Club

Provide Training and awareness programme on Scuba diving in collaboration with SCUBA Kochi.

### Consultancy

The Department of Fisheries and Aquaculture extends its consultancy services to CIAL to cultivate Seabass in Pond 3 of CIAL Golf Course.





## DEPARTMENT OF BOTANY

### Undergraduate Degree Programme

B.Sc. Botany

### Postgraduate Programme

M.Sc Botany  
(Biotechnology as elective)

### PhD.

- ❖ Physiological Ecology
- ❖ Mycology and Applied Botany
- ❖ Biotechnology, Molecular biology and Genetic engineering
- ❖ Plant Taxonomy and Molecular Phylogeny

### Certificate Programme

Herbarium Preparation and Management

### Contact

botany@alberts.edu.in

The Department of Botany came into existence in 1947 with an Undergraduate Programme in Botany. The Postgraduate Programme in Botany was started in 1964, and the Department was raised as a Research Centre affiliated to Mahatma Gandhi University in 2007.

### VISION

*Leadership in quality science education, research, and innovation, focusing on basic scientific research and development.*

### MISSION

*To facilitate a high level of excellence in education, outreach, and research, focusing on plants and their environments.*

The UG and PG Botany Programmes ensure basic and advanced information in theory and practical study in plant science. It provides a holistic picture of the diverse group of flora. The interdisciplinary approach in syllabus construction maintains a proper balance with allied subjects. The enriched syllabus offers hands-on experience in basic and advanced techniques in biological sciences. The syllabus with the latest developments in biological sciences equips the students to pursue their careers with confidence. Agri-based micro-enterprises and Agribusiness courses for UG students open a vast arena to gather innovative ideas for income generation and ensure food and health security.

## Why Botany @ Albert's?

- 75 years of legacy
- Research Department
- Faculty members with diverse research aptitude in primary as well as advanced areas
- Full-fledged tissue culture lab
- Department and centralized instrumentation lab with thermal cycler, gel documentation system, HPLC, Gas Chromatography, refrigerated centrifuges, high precision rotary and sledge microtomes (Leitz, Germany), research microscopes with photography attachment, rotary evaporator, UV Spectrophotometer, etc
- The only Department with a registered online digital herbarium (Regd. to Index Herbarium, USA)
- Close association with Encon club and Nature club provides students with a direct acquaintance with nature
- A well-organized Botany Association

## B.Sc. Botany

### First Semester

- Fine Tune Your English
- Pearls from the Deep
- Malayalam/Hindi/French
- Methodology of Science and Introduction to Botany
- Chemistry- Basic theoretical and analytical chemistry
- Zoology - Non-chordate diversity

### Second Semester

- Issues that Matter
- Savouring the Classics
- Malayalam/Hindi/French
- Microbiology, Mycology, and Plant Pathology.
- Chemistry - Basic organic chemistry

### Third Semester

- Literature and/as Identity
- Malayalam/Hindi/French
- Phycology and Bryology.
- Chemistry - Inorganic and organic chemistry
- Zoology - Physiology, and immunology

### Fourth Semester

- Illuminations
- Malayalam/Hindi/French
- Pteridology, Gymnosperms, and Paleobotany.
- Chemistry - Advanced bio-organic chemistry
- Zoology - Applied zoology

### Fifth Semester

- Anatomy, Reproductive Botany and Microtechnique.
- Research Methodology, Biophysics, and Biostatistics
- Plant Physiology and Biochemistry
- Environmental Science and Human rights
- Open Course

### Sixth Semester

- Genetics, Plant Breeding and Horticulture
- Cell and Molecular Biology
- Angiosperm Morphology, Taxonomy and Economic Botany
- Biotechnology and Bioinformatics
- Agribusiness



## DEPARTMENT OF CHEMISTRY

### Undergraduate Degree Programmes

B. Sc. Chemistry (Model I)

B. Sc. Industrial Chemistry (Model II)

### Postgraduate Programme

M. Sc. Chemistry

### Ph. D.

### Certificate Programme

Water Quality Management

Cosmetics and Sanitary Formulations

### Contact

chemistry@alberts.edu.in

### About the Department

- Established in 1947 with the inception of the three-year Degree Programme
- Became a Postgraduate Department in 1982
- Approved by the Mahatma Gandhi University as a Research Centre in the year 2000
- Accredited by the Kerala State Pollution Control Board as a B Grade Analytical Laboratory in 2007
- The Ministry of Science and Technology, Govt. of India, has identified the Department as a “FIST Aided Department” in 2008 and 2013
- One of the beneficiary Departments of the “Star College” scheme of DBT

### VISION

*To be a Department of excellence in Chemistry, and to become an R&D Centre in the field of Shemical Science and Technology at par with industry and society and thereby establish a balance between education, innovation, research, and service*

### MISSION

*To advance in Chemical Sciences through the education of undergraduate and postgraduate students by providing quality education, research, and job opportunities and making them excel in Chemistry.*

## UG Programmes

### B. Sc. Chemistry (Model I) and B. Sc. Industrial Chemistry (Model II)

#### Syllabus

#### B. Sc. Chemistry

##### First Semester

- English I
- Malayalam / Hindi / French\*
- General and Analytical Chemistry
- Volumetric Analysis
- Complementary Mathematics
- Complementary Physics

##### Second Semester

- English II
- Malayalam / Hindi / French\*
- Theoretical and Inorganic Chemistry
- Volumetric Analysis
- Complementary Mathematics
- Complementary Physics

##### Third Semester

- English III
- Malayalam / Hindi / French\*
- Organic Chemistry-I
- Qualitative Organic Analysis
- Complementary Mathematics
- Complementary Physics

##### Fourth Semester

- English IV
- Malayalam / Hindi / French\*
- Organic Chemistry-II
- Qualitative Organic Analysis
- Complementary Mathematics
- Complementary Physics

##### Fifth Semester

- Environmental Studies and Human Rights
- Organic Chemistry-III
- Physical Chemistry - I
- Physical Chemistry - II
- Open course
- Qualitative Inorganic Analysis
- Organic Preparations and Basic Laboratory Techniques
- Physical Chemistry Practical
- Project

##### Sixth Semester

- Inorganic Chemistry
- Organic Chemistry-IV
- Physical Chemistry - III
- Physical Chemistry - IV
- Choice Based Course
- Qualitative Inorganic Analysis
- Organic Preparations and Basic Laboratory Techniques
- Physical Chemistry Practical
- Gravimetric Analysis
- Project, Industrial Visit and Comprehensive Viva-voce

#### B. Sc. Industrial Chemistry

##### First Semester

- English I
- Malayalam / Hindi / French\*
- General and Analytical Chemistry
- Volumetric Analysis
- Complementary Mathematics
- Industrial Aspects of Inorganic and Organic Chemistry
- Industrial Inorganic Chemistry

##### Second Semester

- English I
- Malayalam / Hindi / French\*
- Theoretical and Inorganic Chemistry
- Volumetric Analysis
- Complementary Mathematics
- Chemical Industry and Industrial Applications of Physical Chemistry
- Industrial Inorganic Chemistry

### Third Semester

- English III
- Organic Chemistry-I
- Qualitative Organic Analysis
- Complementary Mathematics
- Unit Operations in Chemical Industry
- Unit Processes in Organic Chemicals Manufacture
- Industrial Organic Chemistry Practicals
- Industrial Physical Chemistry Practicals

### Fourth Semester

- English IV
- Organic Chemistry-II
- Qualitative Organic Analysis
- Complementary Mathematics
- Instrumental Methods of Chemical Analysis-I
- Instrumental Methods of Chemical Analysis-II
- Industrial Organic Chemistry Practicals
- Industrial Physical Chemistry Practicals

### Fifth Semester

- Environmental Studies and Human Rights
- Organic Chemistry-III
- Physical Chemistry - I
- Physical Chemistry - II
- Open course
- Qualitative Inorganic Analysis
- Organic Preparations and Basic Laboratory Techniques
- Physical Chemistry Practical
- Project

### Sixth Semester

- Inorganic Chemistry
- Organic Chemistry-IV
- Physical Chemistry - III
- Physical Chemistry - IV
- Choice Based Course
- Qualitative Inorganic Analysis
- Organic Preparations and Basic Laboratory Techniques
- Physical Chemistry Practical
- Gravimetric Analysis
- Project, Industrial Visit and Comprehensive Viva-voce
- OJT

## Research

Department of Chemistry, St. Albert's College (Autonomous) is an approved research centre of Mahatma Gandhi University, Kottayam from the year 2000 onwards. The focus of the Department is to create an environment of top-level research and to specialize in both fundamental and applied research. The department has 5 research guides.

### Research Guides and focus area of research

Dr. M. A. Solomon	-	Polymer Chemistry
Dr. Vijay John Gerson	-	Chemical Oceanography
Dr. Krishnakumar K. S.	-	Organic/Bio-organic chemistry
Dr. Rajesh Kunjanpillai	-	Organic/Organometallic chemistry
Dr. Navya Antony	-	Nanochemistry

## Recruitments

The students in the Department of Chemistry have a wide opportunity for placement in various reputed Firms in India and abroad. Every year many of the recruiting agencies conduct their Campus Drive for placement in our College. Students of the Department secured placements in various reputed institutions like Dr.Reddy's Lab, MRF Tyres, AppolloTyres, Cochin Refinery, FACT, TCC, Indian Rare Earths and so on.



## DEPARTMENT OF COMMERCE

### Undergraduate Degree Programmes

B.Com Finance and Taxation(Aided)  
 B.Com Finance and Taxation (SF)  
 B.Com Computer Applications (SF)  
 B.Com Co-operation (SF)  
 B.Voc Professional Accounting and Taxation (SF)

### Postgraduate Programmes

M.Com Finance(Aided)  
 M.Com Finance (SF)

### PhD.

Commerce

### Certificate Programmes

Online Trading and Mutual Fund Management.  
 Computerized Accounting  
 Taxation

### Contact

commerce@alberts.edu.in  
 commercesf@alberts.edu.in  
 commercedepartment@alberts.edu.in

The Department of Commerce and Research Centre is one of the oldest and glorious Departments of St. Albert's College (Autonomous), owned and managed by the Archdiocese of Verapoly. The Department of Commerce has a history from 1963, introducing the B. Com Degree. The legacy of providing quality education zoomed to the level of M. Com in 1981, and the Department further emerged into a Research Centre in 1998. The Department being digitally competent, has various facilities like Incubation Centre, Placement Cell, Innovation & Entrepreneurship Development Cell, a well-equipped Research Centre, and an exclusive Department Library, making it a hub for that craving excellence in education.

### Milestones

1963: Started B. Com Finance and Taxation  
 1981: Started M. Com Finance  
 1998: Research Centre of MG University  
 2012: Started B. Com Computer Application  
 2015: Started B. Com Finance and Taxation (SF)  
 2020: Started B. Com Cooperation (SF), B. Voc Professional Accounting and Taxation, and M. Com Finance (SF)

### VISION

*To build a holistic knowledge community of academic excellence and social integrity.*

### MISSION

*To mould competent, disciplined, and ethically conscious citizens through higher studies and research in Commerce*

## Why Commerce @ Alberts?

The B.Com Programme is designed to lead students to gain in-depth knowledge on core areas of Commerce like accounting, law, statistics, finance, taxation, and marketing. A student holding a B.Com Degree is well prepared to sustain as a corporate employee or entrepreneur. To survive in this corporate world, it is necessary to know the areas of accounting and taxation. The B.Com Programme moulds the students in a way as needed by the industry. A B.Com student can explore numerous career options after obtaining a degree like CA, CMA, CS, ICWA, etc. Once the students are done with B.Com, they can choose their preferred job profile from the numerous opportunities available like Tax consultant, Auditor, Accountant, Accountant Executive, Tax auditor, Finance Manager, Cost Accountant, Finance Analyst, Portfolio Manager, Statistician, Investment Analyst, Finance Consultant, Stockbroker, etc. Seminars/webinars, conferences, training programmes, and workshops are organized to keep the students updated so that they are able to embrace the latest developments in the field. The College provides a beautiful campus life and decent placements. Recruiting companies like TCS, Wipro, KPMG, Federal Bank, Sutherland, etc conduct campus interviews and many students from the Department have been placed in reputed firms and the highest salary package offered was 6 LPA.

## B.Com Finance and Taxation

B.Com Finance and Taxation is an Undergraduate Commerce Programme. It includes Financial Accounting, Business Management, Goods and Services Tax, Business Research and Income Tax etc. It offers a strong base in the field of taxation, accounting, and finance. The Programme provides an overview of the concepts of financial structure and accounting methods, together with a particular focus on tax evaluation. B.Com graduates can develop successful careers as Income Tax Officers, Cost Accountants, Tax Consultants, Budget Analysts, Finance Managers, Assistant Accountant Auditors, etc. There is a definite and ever-widening scope for a successful future after doing this Programme.

## B.Com Computer Application

B.Com Computer Application is a Programme designed to understand the field of Commerce linked with Information Technology. This Programme mainly focuses on the technical side of Commerce with the help of various IT tools. The essential requirement of today's accountant is a knowledge of various computer applications, which is provided in this Programme. The software taught are MS Office, Tally, SPSS, etc. This Programme will equip the student to acquire a job in the changing accounting environment.

## B.Com Co-operation

B.Com Co-operation is a Programme designed by competent accounting professionals to groom the students and fill the demand-supply in Commerce. This Programme equips the students with practical and professional skills to work in Cooperative industries. The Cooperative sector's incredible growth in Kerala State has brought tremendous job opportunities for B.Com Co-operation graduates. Bank Clerks, Cooperative Bank Auditors, Cooperative Inspectors, and many other job opportunities await B.Com graduates. These graduates can also go in for higher studies like M.Com, CA, CS, CMA, MBA, etc. The Department trains students to gain prerequisite knowledge and skills needed to compete with existing global scenario. The Programme is benefitted from the interdisciplinary knowledge resources of experienced teachers and industrial experts. To provide practical knowledge to students, the Department has been incorporating internships with various companies. The Department also utilizes different teaching pedagogies to make the teaching-learning process effective.

## Syllabus for B.Com (Finance and Taxation) (Computer Application)(Co-operation)

### First Semester

- Fine-tune your English
- Kadhayum Kavithayum
- Prose and Mass Media
- Dimensions and Methodology of Business Studies
- Financial Accounting I
- Business Regulatory Framework
- Banking and Insurance

### Second Semester

- Issues that Matter
- Aathma Kadha Lekhanam
- Poetry, Commercial Correspondence, and Translation
- Financial Accounting II
- Corporate Regulations and Administration
- Business Management
- Principles of Business Decisions

### Third Semester

- Gems of Imagination
- Corporate Accounts I
- Quantitative Techniques for Business- I
- Financial Markets and Operations
- Marketing Management
- Goods and Services Tax (B.Com Finance and Taxation)
- Information Technology for Business (B.Com Computer Application)
- Basics of Co-operation (B.Com Co-operation)

### Fourth Semester

- Revisiting the Classics
- Corporate Accounts II
- Quantitative Techniques for Business- II
- Entrepreneurship Development and Project Management
- Financial Services (B.Com Finance and Taxation)
- Information Technology for Office (B.Com Computer Application)
- Management of Cooperative Enterprises (B.Com Co-operation)

### Fifth Semester

- Cost Accounting – I
- Environment Management and Human Rights
- Financial Management
- Income Tax- I (B.Com Finance and Taxation)
- Computerized Accounting (B.Com Computer Application)
- Cooperative Legal System (B.Com Co-operation)
- Fundamentals of Accounting (A)
- Capital Market and Investment Management (SF)
- Fundamentals of Banking and Insurance (SF)

### Sixth Semester

- Cost Accounting – II
- Business Research
- Auditing and Assurance
- Management Accounting
- Income Tax- II (B.Com Finance and Taxation)
- Software for Business and Research (B.Com Computer Application)
- Accounting for Cooperative Societies (B.Com Co-operation)

## B.Voc Professional Accounting and Taxation

B.Voc Professional Accounting and Taxation is a 3-year Programme with multiple exits at Diploma, Advanced Diploma, and Degree levels. This Programme is focused on incorporating specific job roles along with broad-based general education. The Programme equips the students in preparing financial statements, record business transactions, income tax filings, etc. The Department has incorporated the B.Voc programme as it has many job opportunities for the students to build their proficiency in Tally, Payroll, and Inventory Management. They can seek careers as Financial Reporters, Strategy Financial Advisors, Compliance Officers, Accountants, Tax practitioners, Chief Financial Officers, Tax Policy Analysts, Assistant Managers, Marketing Managers, Revenue Agents, etc. To provide practical knowledge to students, the syllabus has been incorporated with internships in various companies. The Department also utilizes different teaching pedagogies to make the teaching-learning process effective.

### First Semester

- Basic English Skills for Business
- Indian Financial System
- Personal Effectiveness & Value Oriented Education
- Financial Accounting
- Financial Reporting
- Tally – I

### Second Semester

- Advanced English Skills for Business
- Computer Skills for Business
- Business Mathematics & Statistics
- Accounting and Management – Payroll and Inventory Accounts Payable and Receivable
- E-Commerce & Web Technology
- Internship with Project I – 4 weeks

### Third Semester

- Research Methodology
- Business Law: Company Law
- Cost and Management Accounting
- Direct Taxation I
- Financial Management: Analysis of
- Financial Statement
- Tally 2 with GST

### Fourth Semester

- Business Law: Insurance and Banking Regulations
- Environmental Studies
- Strategic Financial Management
- Direct Taxation II
- Management Accounting – Budgeting and Forecasting

### Fifth Semester

- Business Ethics & Global Business Management
- Business Entrepreneurship
- Capital Markets
- Corporate Finance & Investment Strategies
- Indirect Taxation
- Tally (Payroll & VAT)

### Sixth Semester

- Business Law: Securities Laws, FEMA, PMLA
- Corporate Readiness Programme
- HRM – Compensation Management
- Business Valuation and Business Analysis
- Management Information Systems

## Innovative Programmes and Activities

### Department Tax Consultancy

An initiative to enhance the tax skills of students of the Department. Students are made to prepare the Income-tax returns of various clients of the Department. This Programme helps the students in gaining practical hands-on experience in the tax field.

### Entrepreneurial Activities

To make the students aware of the possible benefits of being an entrepreneur, our Department conducts Budding Entrepreneurs- Hands-on training in different entrepreneurial skills and Impresario – Entrepreneurial Talks – to ignite the entrepreneur in the students.

### Inspire Talks

To inspire the students through talks by various successful persons.

### Research Methodology Training

The Department regularly conducts training and development seminars for developing research aptitudes of faculty members and students.

### Industrial Expert Talks

Students get in-depth knowledge about the recent trends in the industry and follow and dream big.

### Touch to Heal

In collaboration with the Government Hospital, the Department of Commerce has organized a social outreach activity where the students spend a day with the inmates of the Hospital. Medicines are provided with the money earned by the students from various activities such as Food festivals, crafts stalls, and various other initiatives held in the College. The isolation and cancer wards are visited, and the students are allowed to interact with the inmates to feel compassion for them. This initiative makes the students aware, and they learn to empathize with the sufferings of the poor, marginalized and underprivileged sections of the society.

### SORRY – Shouldn't Our Resource Remain Years-Long

As Global climate change takes its toll on India, there has arisen an indispensable need for a people's movement to tackle this environmental catastrophe. To impart this knowledge, "SORRY"- Shouldn't Resource Remain Years-long, a Mega Project was launched by the Department of Commerce and Research Centre of St. Albert's College (Autonomous).



## DEPARTMENT OF COMPUTER SCIENCE

### Undergraduate Degree Programmes

B.Sc Computer Science  
B.Voc Software Development

### Postgraduate Programme

M.Sc Computer Science

### Certificate Programme

Internet of Things (IoT)

### Contact

computerscience@alberts.edu.in  
sd@alberts.edu.in

The Department of Computer Science was established in 2015 to prepare students for careers as software professionals and advanced studies in Computer Science. The Department develops and works with various technologies to build systems and applications that help solve today's problems and share skills and knowledge with the community. The Department offers B.Sc. Computer Science, M.Sc Computer Science and B.Voc Software Development Programmes in the field of Computer Science. The Department promotes student seminars, presentations, project work, assignments. Apart from this, the Department provides a Certificate Programme on the Internet on Things (IoT). The Department also conducts an interaction Programme with industry experts every month. Every year the Computer Literacy Week is celebrated by conducting curricular and co-curricular activities. The students are admitted to the Programmes through careful screening and other admission criteria.

### VISION

*To evolve into an esteemed centre of excellence in education and research, which contributes to individual and the upcoming knowledge-based society in the field of technology.*

### MISSION

*To mould well-qualified professionals through career-based courses and well established technical environments in the field of Information Technology who are committed to society.*

### Collaborations

- Model Finishing School, a joint initiative of the IT Department, GoK and the Institute of Human Resources Development (IHRD)
- TGI Technologies, Cochin, A Digital Marketing Company
- Vishwas Matrimony, Service from the Ministry of Family Commission, Archdiocese of Verapoly, Ernakulam

## Why Computer Science @ St. Albert's College

The Programme provides the fundamental principles of Computer Science, such as the theoretical foundations of programming and gives numerous opportunities to apply these principles in relevant social and business contexts. The courses are designed to provide practical learning and knowledge with problem-solving skills to equip students to excel in Information Technology. The Department offers an excellent academic environment. A team of experienced and dedicated faculty and eminent representatives from the industry blend both teaching and industry experience. In addition, the Department has an association. It organizes various national, international seminars/webinars, conferences, interaction with industry experts, workshops, hands-on training and Industrial Visits to remain connected with the industry and acquire knowledge and skill in the latest technologies.

## B.Sc Computer Science

BSc. in Computer Science is a three-year full-time Bachelor Degree Programme in Computer Science consisting of six semesters. This is designed to provide a foundation graduate programme that will act as a feeder course for higher studies in Computer Science/Applications.

## Syllabus

### First Semester

- English- I
- Mathematics-I
- Computer Fundamentals and Basics of PC Hardware
- Methodology of Programming and C Language
- Fundamentals of Digital System
- Software Lab -I

### Second Semester

- English- II
- Mathematics-II
- Data Communication
- Computer Organization And Architecture
- Object-Oriented Programming Using C++
- Software Lab -II

### Third Semester

- Probability and Statistics
- Database Management Systems
- System Analysis and Design
- Networking Fundamentals
- Data Structure Using ++
- Software Lab -III

### Fourth Semester

- Linux Administration
- Microprocessor and Assembly Language Programming
- Computer-Aided Optimization Techniques
- Web Programming Technique
- Assembly Language Programming Lab
- Software Lab -IV

### Fifth Semester

- System Software and Operating System
- IT and Environment
- Java Programming Using Linux
- Computer Security
- Open Course - Computer Fundamentals, Internet & Ms Office/Informatics and Cyber Ethics
- Software Development Lab I (Mini Project)

### Sixth Semester

- Computer Graphics
- Big Data Analytics
- Elective- Cloud Computing/Python and Latex/Digital Image Processing
- Seminar
- Software Development Lab II (Main Project)
- Viva Voce

## B.Voc Software Development

The three-year undergraduate Programme B. Voc Software Development is a judicious mix of skills, professional education related to Software Development and also appropriate content of general education. The courses are designed to equip the students to cope with the emerging trends and challenges in the Software Development environment. One of the most significant advantages of pursuing B. Voc against common degree courses is that a candidate has multiple exit points during the Programme and continuous industry exposure. This means that if a candidate cannot complete his/ her B. Voc course, she/he is still awarded a Diploma after the successful completion of the first year or an Advanced Diploma after the successful completion of the second year. Apart from this, the work experience candidates gain during the Programme increases their chances of getting a job.

### Syllabus

#### First Semester

- Basic English Skills for Business
- Computer Skills for Business
- Foundations of Mathematics
- Principles of Management
- Programming Principles & C, C Lab
- Word Processing, Image Editing and Lab
- On-the-Job Training

#### Second Semester

- Advanced English Skills for Business
- Environment Science and Human Rights
- Optimization Techniques
- Computer Animation and Lab
- Data Structures, Algorithms & Lab
- Internship 1

#### Third Semester

- Software Engineering
- Social Awareness
- Computer Networks
- Operating Systems
- Database Management System & Lab
- OOPs and LAB
- On-the-Job Training

#### Fourth Semester

- Business Entrepreneurship
- Digital Marketing
- Management Information Systems
- Web Application Development & Lab
- Computer Hardware Maintenance and Lab
- Internship 2 – Organizational Study

#### Fifth Semester

- Aptitude & Logical Reasoning
- Information Security
- Content Management Tools
- Data Analytics
- Programming in Java and Lab
- Software Testing
- On-the-Job Training

#### Sixth Semester

- Research Methodology
- Informatics
- Corporate Readiness Program
- Mobile Application Development & Android Lab
- Free and Open-Source Software
- Internship
- Linux and Shell Programming
- User Interface Design

## Innovative Programmes in the Department

- Connect with Industry
- Connect with Alumni – IT Professionals
- Computer Literacy Week celebration
- Coding Hackathon
- Placement Oriented Soft Skills Development Programmes (Professional Grooming, Professional Resume Preparation, Interview Techniques, Corporate Aptitude, Group Discussion Sessions)
- Free Open-Source Software (FOSS) Cell associated with International Centre for Free & Open Source Software (ICFOSS), Kerala.
- Departmental Magazine – EDIT

## Innovative Teaching

### • Tick Talk

It is a five minutes presentation of a student in the class. Every day, each student has to make a presentation on the topic taken in the previous day.

### • Think-Pair-Share

It is a case study approach where the students have to analyze the case or situation, identify the problem and find a suitable solution for solving the issue or problem.

### • Jigsaw

A tried-and-trusted collaborative learning technique that allows students to create their learning. Students are divided into groups, and each group is given different pieces of information that they have to learn sufficiently to teach to another group

### • Mission Planners (Elite Ideas)

An opportunity to discuss student's entrepreneur or project ideas related to the needs of the society where they reside. Students having similar ideas are grouped, and they do a demonstration of their ideas.

### • Boomerang (Questionnaire)

In this approach, a topic is shared with the students in advance. Then, they have to collect and discuss questions with their classmates in turn.

### • Capture It (Identify Graphics Editing Tools)

This is a group activity that aims at practising Audio, Image and Video tools available. The students are categorized into three groups for Audio Editing, Image Editing and Video Editing.

### • Scholar's Challenge

It's a programme to improve the students' learning skills, by which they are able to discover new things in technology and related studies.

## Our Recruiters



**Deloitte.**

**Cognizant**





## DEPARTMENT OF ECONOMICS

### Undergraduate Degree Programme

BA Economics

### Postgraduate Programme

MA Economics

### Certificate programmes

Banking and RBI Grade B Officers Training  
Entrepreneurship Development

### Contact

economics@alberts.edu.in

The Department of Economics, St. Albert's College (Autonomous), Ernakulam has a rich tradition of over 73 years. The department has a reputation for creating good citizens with personal and social responsibilities. The Department of Economics was established in 1946 with a Pre- University course and in 1947, Degree course in Economics was introduced. In 2013, the department was upgraded to a Post Graduate Department in the college. The Department has a long history of organising regional, national and international seminars, invited lectures and workshops. The Department has a student strength of above 200 with 6 permanent faculties.

### VISION

***A Research-oriented, socially committed, leading Economics Department in the State of Kerala which strives for the holistic development of students.***

### MISSION

***To stimulate the academic environment for the promotion of quality in teaching-learning and research.***

### Syllabus - BA Economics

#### First Semester

- Fine Tune Your English
- Pearls from the Deep
- Second Language 1
- Perspectives & Methodology Of Economics
- Social Formations In Pre- Modern India (Complementary)

#### Second Semester

- Issues that Matter
- Savouring the Classics
- Second Language 2
- Micro Economic Analysis I
- Transition To The Contemporary World (Complementary)

### Third Semester

- Literature and/as Identity
- Second Language Common
- Micro Economic Analysis –II
- Economics Of Growth And Development
- An Introduction To Political Science (Complementary)

### Fourth Semester

- Illuminations
- Second Language Common 2
- Macro Economics-I
- Public Economics
- Indian Constitution: Social Issues In India(Complementary)

### Fifth Semester

- Quantitative Techniques
- Macro Economics-II
- Open Course\*\*
- Environmental Economics
- Introductory Econometrics

### Sixth Semester

- Quantitative Methods
- International Economics
- Choice-Based Course – Business Economics
- Money & Financial Markets
- Indian Economy

### Collaborations

The Department looks forward to meaningful and fruitful relationships with nationally and internationally reputed Institutions like

*Coconut Development Board, Government of India* | *Kerala Economic Association, Kerala*  
*Berger Paints Limited, Kochi* | *St Pauls College, Ernakulam* | *Aquinas College, Edacochin*

### Innovative Practices

Information and Communication Technology has changed the old paradigm of teaching and learning of the Department of Economics.

#### Human Rights Sena

Department of Economics, St. Albert's College (Autonomous), Ernakulam, has a Human Rights Sena since 2015. This team of students spread the importance of protecting human rights and conducting different human rights awareness campaigns. Every year the Sena members perform outdoor awareness sessions, skits, photo exhibitions and lectures as a part of Human Rights Awareness Activities.

#### House Visit Programme

The House Visit programme of the Department of Economics is one of the best programmes conducted since 2013. House Visit programme is undertaken to support students and their families by providing them mental support and checking their well-being. The principle of this Programme is need and priority-based. It is conducted by identifying students with the help of Tutors. This Programme improves students' academic performance and ensures parental involvement. Overall, the Programme has positive effects in all aspects.

#### Moot Court Live Demo

The UGC sponsored Mahatma Gandhi University, Kottayam approved the Human Rights Foundation Course. Moot Court is a part of the curriculum of the Programme. With the support of eminent legal practitioners, the Department conducted Moot Court Live Demo and Moot Court Competitions for the students. It helped the students improve their legal awareness. The students' preparations and presentations made a professional impact on them and will help them to strive in the real world.

#### National level Young Economist Competition

The Department of Economics hosts the Young Economist Competition: **JOVEM ECONOMISTA**, the National Competition for college-level students every year as a part of the Albertian Knowledge Summit. The Competition is open to all college students of all streams who have a good understanding on the current economic, social, political arenas of knowledge. The Programme is organised by the Department of Economics and the Economics Association of the Department, **SEED** - Student Enclave for Economic Development.



## DEPARTMENT OF ENGLISH

### Undergraduate Degree Programme

BA English Language and Literature (Model 1)

### Postgraduate Programme

MA English

### Certificate Programme

Albertian English Language Programme  
Certificate in Media Studies

### Contact

english@alberts.edu.in

The rich history of the Department spans more than seven decades. The Department had its inception in 1951. Prof Matthai, a renowned Latin scholar and classmate of the Malayalam poet Changampuzha, was the first Head of the Department of English. Over the years, the Department has been actively engaged in augmenting the academic rigour of the students. In 2016, the Department started the MA English programme.

### VISION

*To envision the Department as a centre for academic excellence, professional expertise, and contextual research in English Studies and balance the needs of general education - communication, diversity, global perspectives, interdisciplinary studies - with those of the major.*

### MISSION

*To enable students from diverse educational backgrounds to develop an in-depth knowledge of language, literature and culture to achieve their academic and professional goals and also introduce students to the tools of research and broaden their critical sensibilities.*

### Why study English Language and Literature @ St. Albert's College?

The Department of English at St. Albert's College (Autonomous) provides an atmosphere of learning where students and teachers can interact freely and openly to expanding the horizons of knowledge. A well maintained Department library, opportunities to write and publish their creative works, experienced faculty members, internships and rigorous training to prepare students for higher education and competitive exams are some of the factors that attract students to pursue their studies in English Language and Literature at St. Albert's College (Autonomous).

## BA English Language and Literature:

The BA Programme in English Language and Literature offers students a broad exposure to the English Language and Literature's various theoretical and practical nuances. In addition, the Programme helps students to attain comprehensive knowledge in communication, literature, language, history, theory, environment, gender, society and culture. The Programme is divided into six semesters with fifty-three courses that include common, complementary, electives and core courses.

## Syllabus

### First Semester

- Fine-tune Your English
- Pearls From the Deep
- Second Language
- Methodology of Literary Studies
- Political Science

### Second Semester

- Issues that Matter
- Savouring the Classics
- Introducing Language and Literature
- Second Language
- Political Science

### Third Semester

- Literature and/as Identity
- Second Language
- Harmony of Prose
- Symphony of Verse
- Evolution of Literary Movements: The Shapers of Destiny

### Fourth Semester

- Illuminations
- Second Language
- Modes of Fiction
- Language and Linguistics
- Evolution Of Literary Movements: The Cross-Currents of Change

### Fifth Semester

- Acts on the Stage
- Literary Criticism and Theory
- Indian Writing in English
- Environmental Science and Human Rights
- English for Careers ( Open Course)

### Sixth Semester

- Postcolonial Literatures
- Women Writing
- American Literature
- Modern World Literature
- Comparative Literature (Choice Based)
- Project

## Innovative Programmes and Activities

### MELA (Magazine of English Literature and Arts):

MELA is a literary magazine by the students and for the students. TEA@alberts (The English Association at Albert's) encourages students to publish their original creative works. Therefore, MELA can be regarded as the perfect avenue for budding young writers.

### ARL (Albertian Review of Literature):

ARL is a peer-reviewed journal published by the Department of English. In addition, the ARL regularly publishes original and unpublished research articles in English from students, research scholars and faculty members.

### Participative and Experiential Learning activities:

The Department's faculty members frequently organize various teaching-learning activities to enhance and encourage active student participation in academics.



## DEPARTMENT OF SPORTS SCIENCE AND FITNESS MANAGEMENT

### Undergraduate Degree Programme

B. Voc Fitness Management and Personal Training

B. Voc Sports Nutrition and Physiotherapy

### Contact

fitness@alberts.edu.in

sportsnutrition@alberts.edu.in

The Department of Sports Science and Fitness Management of St. Albert's College, aims at developing world class leaders in the field of sports and fitness who can handle and manage their roles with an understanding of the practices, strategies and the fundamentals of the sporting ecosystem and the scopes in the related sector by instilling the necessary business and leadership skills. Students get to explore advanced modules such as exercise nutrition, exercise rehabilitation, physical activity and health, sports injury prevention and management, psycho-social aspects in physical activity and chronic disease as well as learn statistical research methods to analyse and evaluate data regarding sports performance and the like.

### VISION

*To be a nationally recognized Centre for excellence in teaching health and fitness and to create leaders in the areas of sports, fitness, health, physical activity, physiotherapy, exercise and nutrition.*

### MISSION

*We stress on academic, athletic, personal, social as well as professional development and make sure that current and future sports professionals excel physically as well as emotionally. We are committed to enrich local communities by providing unparalleled and inclusive educational and recreational programmes, services and facilities to promote physical, social and emotional health and wellness.*

### B. Voc Fitness Management and Personal Training

The Department of Fitness Management commenced in 2019 at St. Albert's College (Autonomous), Ernakulam, with the Undergraduate Programme B. Voc Fitness Management and Personal Training. Ever since its inception, the Department has been tirelessly working to promote excellence in quality theoretical as well as practical knowledge among students.

### Programme overview:

The Programme is an appropriate mix of general education and skill development components. The Programme has been designed to develop entrepreneurially oriented Fitness Management graduates who have an in-depth expertise in pragmatic and academic skills related to health, fitness, yoga, aerobics, wellness and personal training. Specifically, the graduates will be adept in several transferable, analytical and communication skills, including:

- General Education Components
- Skill Components
- Project
- Internships
- Soft skills and Personality Development Programs
- Industrial Visits

### Teaching /learning activities

- As part of teaching/ learning activities, the Department's faculty employs various methods to ensure that learning becomes an enjoyable experience for students.
- Train students with proper theoretical and practical skills.
- The Department has also started a new session for B.Voc Fitness Management students, which includes a visit to advanced fitness training centres so as to introduce them to innovative ideas whereby they will be able to develop a strategic plan for client consultations.

### Syllabus

#### First Semester

- Basic English Skills for Business
- Study skills for Sports and Exercise Science I
- Foundations of Health, Fitness and Physical Education
- Fundamentals of Weight Training
- Fundamentals of Yoga
- Fundamentals of Anatomy & Physiology
- OJT - 2 Weeks

#### Second Semester

- Advanced English Skills for Business
- Study skills for Sports and Exercise Science II
- Business Economics
- Test and Measurement in Physical Education and Sports
- Fundamentals of Yoga II
- Internship with Project I

#### Third Semester

- Introduction to Exercise Physiology
- Environment Science and Human Rights
- Foundations of Kinesiology and Biomechanics
- Introduction to Sports and Exercise Psychology
- Client Testing and Training
- Yoga for Fitness I
- OJT Professional Practice in Personal Training I

#### Fourth Semester

- Business Entrepreneurship
- Nutrition, Obesity and Weight Management
- Aerobics and Fitness-Theory and Practice
- Advanced Training - Principles and Methods
- Yoga for Fitness II
- Internship with Project II - Client Testing and Training

#### Fifth Semester

- Customer Service, Marketing & Sales
- Introduction to Sports Management
- Basics of Research Methodology, ICT & Statistics
- Introduction to Physiotherapy & Injury Management
- Yoga for Wellness
- Massage Manipulations - Theory and Practice
- OJT Professional Practice in Personal Training II

#### Sixth Semester

- Principles of Management
- Corporate Readiness Program
- Operations and Management of Fitness Facilities
- Exercise Programming for Medically referred Clients
- Yoga for Remedial Treatments
- Internship with Project III

## Internships

The students from Semesters II, IV and VI can develop their projects from different fitness centres at their convenience. Thus, those students will be relieved from the college for the duration of their project.

### Internship Partners

- Fit & Style Multi Gymnasium
- F45 Training
- Loid Fitness Center Get Fit Gym
- Vigor Fitness Centre,
- Bounce Fitness Studio
- Life Gym And Yoga Centre
- HQ Fitness Center
- Power Tech
- Classic Fitness
- Kingsman Fitness Club

### On the Job Training

The student will be given On-the-Job training at Fitness and Personal Training organizations approved by the Department for two weeks as part of industry training. The student should actively participate in the organization's operations and work like any other employee of the organization.

### Innovative Teaching /Training Programme

#### Programmes for talent updates (Gyms / Fitness brands)

To create innovative programmes in fitness industries, fitness companies, brands and gyms, deploying qualified fitness experts to develop, implement and teach new programmes to the students.

#### Insight Divulging (Community/ Industry Events)

We educate personal trainers or fitness persons in the industry on evolving topics.

#### Educate online training skills

It focuses on delivering classes across the globe where people face difficulties in holding offline courses. This also helps in reaching a wider audience.

### Achievements

The Students have achieved in the various sports activities especially in Body Building and Martial Arts in University and National Level.

## B. Voc Sports Nutrition and Physiotherapy

The Department of Sports Nutrition and Physiotherapy, St. Albert's college (Autonomous) was started in the year 2020. It incorporates the requirements of various health sectors in an innovative and flexible manner while developing a holistic and well groomed graduate. This Programme equips students to pursue a wide range of career prospects as Dietician, Health Nutritionist, Assistant Physiotherapist, Assistant Professor and Research Scholar.

### Programme overview:

The Department offers B Voc. Degree Programme in Sports Nutrition and Physiotherapy. It is three year programme under National Skill Qualification Framework (NSQF) approved by UGC. The Programme consists of General Education Component courses with 68 credits and Skill development components with 112 credits. 15 days OJT programme in odd semesters and one month Internship in every even semesters in reputed hospitals and health centers are part of our curriculum. A research project is also included in the VI semester.

**Special features of the programme:**

1. On the job training facility
2. Dedicated training and placement cell for placement support.
3. Highly qualified faculty members
4. A Multiple- entry and Multiple- exit programme.

**Internship Partners****Hospitals**

- Aster Medicity, Ernakulam
- Welcare Hospital, Vytilla, Kochi
- Lourdes Hospital, Ernakulam
- Sunrise Hospital, Kakkanad
- St Joseph's Hospital, Manjummel
- Kinder Hospital, Edapally
- Believers Hospital, Thiruvalla
- Indira Gandhi Co operative Hospital, Kadavantra, Ernakulam

**Palliative and Physiotherapy Center**

- Kanivu Physiotherapy and Palliative Care Centers of Ernakulam District

**Fitness Gym**

- Midtown Fitness, Kochi
- SpaRing Fitness, Ernakulam
- Gravity Fitness, Kacheripady, Kochi
- Slimfit, Ayyapankavu, Kochi
- Club Active Fitness, Kakkanad

**First Semester**

- Basic English Skills
- Basic Nutrition
- General Psychology
- Human Physiology
- Human Anatomy
- Computer Skills
- OJT

**Second Semester**

- Advanced English Skills
- Food Microbiology
- Nutritional Biochemistry
- Sports and Exercise Therapy
- Orientation to Sports Physiotherapy
- Internship 1

**Third Semester**

- Environment Science and Human Rights
- Clinical Orthopaedics & Sports Medicine –I
- Scientific Principles and Practices of Health and Fitness Training
- First Aid and Nursing
- Electrotherapy
- Physiology of Sports and Exercise
- OJT

**Fourth Semester**

- Research Methodology and Statistics
- Abnormal Psychology
- Sports Psychology and Counselling
- Physiotherapy in Orthopaedics and Sports Medicine
- Family Meal management
- Internship 2 – Organizational Study, Reporting and Viva Voce

**Fifth Semester**

- Clinical Orthopaedics and Sports Medicine II
- Biomechanics
- Alternative Medicine
- Medical Instrumentation and Hospital Visit
- Therapeutic Nutrition
- Physiotherapy in Neurology and Neuro Surgery
- OJT

**Sixth Semester**

- Corporate Readiness Programme
- Weight Management, Rehabilitation, and Fitness Sports Nutrition
- Physiotherapy in General Medicine and Surgery including cardiothoracic Conditions
- Evidence Based Physiotherapy
- Public nutrition
- Clinical nutrition
- Food toxicology
- Internship with Project-III



## DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

### Undergraduate Degree Programmes

B.Voc Journalism and Mass Communication

BA English Triple Main- Literature, Communication and Journalism

### Contact

[journalism@alberts.edu.in](mailto:journalism@alberts.edu.in)

The Department of Journalism and Mass Communication was established in 2020 to provide quality education in language, media studies and ethical journalism, thereby shaping individuals to become visionaries and responsible future leaders and game-changers.

The Department of Journalism and Mass Communication offers Undergraduate Programmes in B.Voc Journalism and Mass Communication and BA English Literature, Communication and Journalism. These are three-year multidisciplinary courses to enable students to become professional journalists endowed in both skillsets and ethical approaches. It has multiple entry and exit options which allows them flexibility and freedom in completing the programme.

The Undergraduate Programme, B.Voc Journalism and Mass Communication is designed to impart theoretical and practical knowledge in media studies. This three-year-long career-oriented Programme aims to mould enthusiastic and passionate media professionals. The Programme deals with different journalistic tasks such as public relations, advertising, media management, television and radio production, corporate communication, press laws, graphic designing, etc. BA English Literature, Communication and Journalism is designed to provide skills relevant to the respective field of expertise. It is future-oriented and has practical insight concerning the impartation of advanced skill sets and employability. Methods for academic paper writing, different methodology for reports, report writing, journaling, media reporting and broadcasting are given priority.

### VISION

*Develop future leaders and game changers by teaching critical thinking who have a flair for expressing it through various mediums. In addition, to impart skills that will make the students master the art and tools of journalism and mass communication.*

### MISSION

- *To offer technology-driven up programmes for media education, research, extension and training.*
- *Create a dynamic learning and working environment that nurtures ideas, creativity and develops leaders and innovators in media education.*
- *To mould the students to work under interdisciplinary domains.*
- *To enable them to gain work experience from prestigious media institutions.*

## Department Highlights

- Student-friendly and zero tolerance for ragging.
- International seminars and workshops
- Global and societal engagement
- Industry Relevant
- International and national collaborations and opportunities
- Updated syllabi
- Elective and open courses
- Multiple entries and exit options
- Flexible courses with customized syllabi
- Proficiency-based training
- Socially committed causes
- Technology-driven pedagogy
- Full-time faculty members with a rich blend of industry experience and academics.
- Television studio for extensive student training.
- Professional sound recording studio and dubbing set up for student training.
- Semester wise internships facility in reputed organizations.

## Syllabus

### B.Voc Journalism and Mass Communication

#### First Semester

- Basic English Skills
- Introduction to Journalism
- Introduction to Communication
- Introduction to Print Media
- Reporting skills and Techniques
- Digital Media Skills
- OJT

#### Second Semester

- Advanced English Skills
- Constitution of India
- Media and Cultural Studies
- Introduction to Electronic Media
- Editing & Principles of Layout and Design
- Internship 1

#### Third Semester

- Environment Science and Human Rights
- Radio Journalism
- Perspectives in Media History
- New media Lab
- Photography
- Film Appreciation
- OJT

#### Fourth Semester

- Media Laws and Ethics
- Statistics
- Research Methodology
- Scriptwriting for Media
- Videography
- Internship 2

#### Fifth Semester

- Malayalam Journalism
- Corporate Communication
- Media economics
- Advertising
- Publishing
- Video editing
- Photography
- OJT

#### Sixth Semester

- Public Relations
- Media management
- Sound editing
- Short Film Production
- Graphic design
- Travel Journalism
- Internship with Project 3

## BA English Triple Main- Literature, Communication and Journalism

**First Semester**

- Fine-tune Your English
- Methodology of Literary Studies
- English Literature from Old English Period to the Romantic Age
- Conversational Skills
- Writing for Media

**Second Semester**

- Introducing Language And Literature
- English Literature from Victorian Age to Postmodern Period
- Editing and Fundamentals of Media Writing
- Interpersonal Skills
- Issues That Matter

**Third Semester**

- Harmony of Prose
- Symphony of Verse
- Introduction to Narratology
- Digital Writing, Advertising and Reporting for Media
- Creative Writing

**Fourth Semester**

- Modes of Fiction
- Language and Linguistics
- Business Writings
- Translation: Theoretical and Literary Perspectives
- Writing for Radio and Television

**Fifth Semester**

- Appreciating Films
- Theatre Studies
- English for Careers
- Acts on the Stage
- Literary Criticism and Theory
- Indian Writing in English
- Environmental Science and Human Rights

**Sixth Semester**

- Postcolonial Literatures
- Women Writing
- American Literature
- Modern World Literature
- Children's Literature

**Innovative Methods****• Press club visit**

For all the budding and amateur journalists, a visit to the press club will help them transcend into the varied professional aspect and broad environment of their field of expertise. They will get their hands on the news first hand and be there as they bring truth to light, voice their opinion and become polished professionals

**• JMC Talks**

One of the many innovative platforms where students get to increase their research aptitude, public speaking skills and presentation expertise on the lines of Ted talks and Josh talks. This will open the doors of opportunities and increase their confidence levels as they showcase their skills in front of the college.

**• From the abstract to the concrete**

This will help students transform the abstract to the fundamental, academic theories to practical advantage, transcend the literary ideas to fruitful and informative literary criticism and help inculcate qualities like logical reasoning, critical thinking and writing skills.



## DEPARTMENT OF LOGISTICS MANAGEMENT

### Undergraduate Degree Programme

B.Voc Logistics Management

### Postgraduate Programme

M.Voc Logistics and Supply Chain Management

### Certificate Programme

Personal Enhancement Lab

### Contact

logistics@alberts.edu.in

 Logistics at Alberts

 logistics\_alberts

 Logistics\_Alberts

For the first time in Kerala, a University has started a 3-year full-time UG Degree Programme in Logistics Management in St. Albert's College (Autonomous), Ernakulam. The University Grants Commission (UGC) launched a scheme on Skill Development based on higher education as part of college/university education, leading to a Bachelor of Vocation (B. Voc) Degree, an Under Graduate course with multiple exits as Diploma / Advanced Diploma / Degree under the National Skill Qualifications Framework (NSQF). The Department of Vocational Studies in Logistics Management is successfully continuing its journey since 2014. B. Voc Logistics Management is a three-year Programme which commenced in November 2014 and gained momentum gradually. The Programme has been a self-financing course since 2017. In the academic year 2020, the UGC launched the Postgraduate Programme, M. Voc Logistics and Supply Chain Management.

### VISION

*To be a Centre of Excellence in Logistics and Supply Chain Management through high-quality knowledge sharing and growing with Academics and Corporate, for the Community.*

### MISSION

*To inspire, guide, and equip future logisticians to perform their tasks efficiently and effectively. The Department looks into the fundamental transformation of students and helps them to reach the pinnacle of excellence whereby they can satisfy their customers.*

## Why the Logistics Programme at St. Albert's College?

Shipping and Logistics is the right career option for individuals interested in transportation business management in India. With various opportunities available in the industry, shipping and logistics can be a very advantageous career. The Bureau of Labor Statistics projects 4.4 per cent employment growth for logisticians between 2019 and 2029. With the rapid growth of e-Commerce and other related industries, transport & logistics courses have become essential and relevant. Logisticians populate almost every field, from retail to finance to Government. In the private sector, they handle shipping, distribution, warehousing and quick deliveries to customers. The College is located in Ernakulam, the port city of Kerala. Students get International exposure in various Logistics industries like Seaport, Airport, Freight forwarding, Logistics Companies etc. On-the-Job Training and Internship provided in the academic programme give the students a live experience in International Logistics and theoretical knowledge.

## B.Voc Logistics Management

The B.Voc Degree Programme in Logistics Management is based on skill development and follows the semester system with six semesters, offering two weeks training in each of the odd semesters (I, III, V) and one-month internship in Semesters II and IV, two months project in the final semester (VI). In addition to that, the Degree Programme offers a diploma and an advance diploma certificate upon completing the 1st and 2nd year, respectively. The current curriculum provides a broad exposure to various conventional, advanced and applied fields in Logistics Management which will help them to complete the Programme successfully and pursue higher studies in Logistics, if required. It is intended that students will acquire due knowledge and skill which will enable them to get employed in technological research Institutes and related Industries/departments. Attempts are also made to integrate essential components to generate interest for self-employment or start-ups among the pupils. All possible attempts have been made to update the syllabus by incorporating current and most recent developments in various branches of Logistics Management.

## Syllabus

### B.Voc Logistics Management

#### First Semester

- Fine Tune your English
- Business Mathematics
- Operations Management
- Fundamentals of Accounting
- Principles of Management
- Computer Skills for Business
- OJT - 2 weeks

#### Second Semester

- Issues that Matter
- Business Statistics
- Introduction to Logistics Management
- Marketing Management
- Computerized Accounting Lab
- Internship with Project I - 4 Weeks

#### Third Semester

- Business Communication
- Domestic Logistics Management
- Logistics information system
- Warehouse Management
- Research Methodology
- Computer Skills for Business II
- OJT - 2 weeks

#### Fourth Semester

- Supply chain management Shipping and ocean
- Shipping and ocean freight management
- Export and import - policies and procedures
- Business ethics & global business management
- Soft Skill & Personality Development-5
- Internship with Project II - 4 Weeks

## Fifth Semester

- Enterprise Resource Planning
- Transportation and distribution management
- Financial Management
- Inventory Management
- Air Cargo Logistics Management
- Computerized Accounting Lab II
- OJT - 2 weeks

## Sixth Semester

- Retail Management
- International logistics management
- Entrepreneurship Development
- Customer Relationship Management
- Human Resource Management
- Internship with Project III - 4 Weeks

### Innovative Programs and Activities

#### Epifano

An exhibition-cum-sale to boost the functional entrepreneurial skill of students.

#### Novalis

Academic extension programme to inspire the higher secondary students for a better academic prospectus.

#### Snehasparsham

Social outreach programme to extend helping hands to the disabled Community.

#### Meraki

Establishment and sustenance of a network channel among the Alumni of the Department of Logistics Management.

#### Cheer-up Society

Social outreach programme to help needy people in and around the areas where students reside.

#### Placement Webinar Series

A training programme to prepare students to face interviews so as to garner better jobs in the industry.

#### Scrapex

A Creative tool to turn waste products into valuable products for society.

#### Click

Photography competition to encourage the photography skills of students.

#### Call of Awakening

To empower the women of the Community.

### Innovative Teaching Methods

- |                          |                                      |                                  |
|--------------------------|--------------------------------------|----------------------------------|
| • Perceive your customer | • Exploration.                       | • Identify Yourself              |
| • Flame Bait             | • On the beat                        | • Get The Right Resource For You |
| • Chat room              | • Understanding the freight business | • Pitching The Idea Via Ranking  |
| • Brain O Brain          | • Round Table                        |                                  |



## DEPARTMENT OF MANAGEMENT

### Undergraduate Programmes

Bachelor of Business Administration  
(BBA)

Bachelor of Business Management  
(BBM)

### Certificate Programme

Venture Management

### Contact

bba@alberts.edu.in

The Undergraduate Department of Business Administration of St. Albert's College (Autonomous) has been functioning since 2014. The Department offers a three-year full-time Undergraduate Degree Programme in Business Administration (BBA) designed to be experiential, analytical, and industry-relevant. It installs and develops a range of knowledge and skills to equip students. The Programme orients students to a foundation in management, entrepreneurship, accounting, etc., at the Undergraduate level.

In 2020, the Department started its second Undergraduate Programme - Bachelor of Business Management which focuses on studying subjects related to the management of businesses and organizations and the development of entrepreneurial skills of the students.

### VISION

*“To impart value-based education and transform the students into socially responsible and dynamic individuals”.*

### MISSION

1. *To facilitate the overall development of students, especially concerning managerial, administrative, and decision-making skills.*
2. *To leverage our knowledge and resources to provide experiential learning, immersion, and other collaboration opportunities.*
3. *To offer the best professional development and career management opportunities for our students.*
4. *To foster the growth of students and faculty through professional development plans and research programmes.*

## Why Business Administration @ Alberts

- BBA and BBM are some of the most sought-after Programmes of the College, which cater to the dynamic needs of the global business scenario.
- They seek to provide the best possible opportunities, enhancing prerequisite knowledge, relevant skills, and the right attitude for students.
- The Programmes are benefitted from the interdisciplinary knowledge resources garnered from experienced teachers and industrial experts.
- The Department also utilizes various higher-order teaching pedagogies to make the teaching-learning process effective.

## Short description of Programmes

The Bachelor of Business Administration and the Bachelor of Business Management Programmes are three-year Undergraduate Programmes containing a judicious mix of all functional elements of Business studies. They provide students with foundational knowledge on different aspects of the administration of a business concern. These Programmes have been designed to develop knowledge on the functional aspects of Business Administration in such a fashion as to provide ample scope for practical exposure to the problems and opportunities of real business. The two project studies - Minor and Major are the mandatory requirements. There are three industrial visits and resultant report presentation which will provide a cutting edge to these Undergraduate Programmes over the other similar ones.

## Bachelor of Business Administration (BBA)

### First Semester

- English Paper I
- Principles and Methodology of Management
- Business Accounting
- Fundamentals of Business Mathematics
- Fundamentals of Business Statistics

### Second Semester

- English Paper II
- Cost and Management Accounting
- Business Communication
- Mathematics for Management
- Statistics for Management

### Third Semester

- Human Resource Management
- Marketing Management
- Research Methodology
- Business Law
- Personality Development and Management Skills

### Fourth Semester

- Financial Management
- Managerial Economics
- Entrepreneurship
- Basic informatics for Management
- Corporate Law

### Fifth Semester

- Organizational Behavior
- Open Course
- Environmental Science and Human Rights
- Intellectual Property Right and Industrial Law
- Operational Management
- Industrial Relations

### Sixth Semester

- Strategic Management
- Communication Skills and Personality Development
- Advertising and Salesmanship
- Health Care Management
- Management Project

**Bachelor of Business Management (BBM)****First Semester**

- Management Methodology
- Soft Skill Management
- Business Mathematics I
- Business Statistics I
- English I

**Second Semester**

- Financial Accounting
- Entrepreneurship Development
- Business Mathematics II
- Business Statistics II
- English II

**Third Semester**

- Corporate Accounting
- Corporate Laws
- Human Resource Management
- Retail Management
- Business Informatics

**Fourth Semester**

- Cost Accounting
- Commercial Laws
- Compensation & Performance Management
- Managerial Economics
- Computerized Accounting

**Fifth Semester**

- Foundations of Individual Behavior
- Marketing Management
- Environmental Studies & Human Rights
- Financial Management
- Open Course

**Sixth Semester**

- Group Dynamics & Organizational Change
- Goods & Service Tax
- Advertisement & Sales Management
- Optional Paper I
- Optional Paper-II
- Case Study Development & Analysis / Project Report

**Innovative Programmes and activities:****Lecture series**

1. Young Entrepreneurial Talk Series (YET)
2. Catch your Dreams Series
3. Industrial Orate Series
4. Integrated Skill Development Programme (ISD)

**“Know your Company”**

Real-Time Organizational Strategy and Structural Analysis.

**“Compare and Learn”**

Review Financial Statements of various companies. (Compare between 2 or more)

**“Aid to Research”**

Actual survey reports analyzed and studied

**“Prepare the Cost”**

Understand, analyze and apply knowledge efficient allocation of cost in various Departments or Organizations.

**“Battle of Minds”**

Debate and Buddy talk on various Management and general topics.

**“Build and Learn”**

Set hypothesis and find results

**“Learn by Practice”**

A roleplay based on various real-time situations

**“Create and Sell your Ideas”**

Idea pitching, Making models, and Group presentation

**“Find the Fact”**

Find out problems prevailing in society, focusing on social issues, etc.

**“Know the Validity of Contracts”**

Case study to analyze and evaluate the contracts and their validity.

**“Field Visit Experience and Learn”**

Practically understand and learn the personality and management skills of the industrialist.

**“Source your Fund”**

Flip learning to understand the concepts of finance.

**“Study the Product”**

Demand and supply analysis (Compare between two or more)

**“Find them Out. “**

The life story of successful entrepreneurs is understood for self-motivation.

**“Tally the Accounting Numbers”**

Experiential learning for tallying the accounts quickly.

**“Management of the Company”**

Case study to analyze the functioning of a corporate company.

**“Leaders Pathways to Growth”**

Critically analyze the leadership qualities of corporate heads to succeed in life and profession.

**“Know your Environment”**

Analyze and protect your environment.

**“Know your Intellectual Property”**

Buddy discussion on legal aspects of IPR.

**“Explore and Learn”**

Experiential learning to study the real-time production functions.

**“Study your Industry”**

Roleplay of various departmental individuals and functions.

**“Explore and Manage Health Care”**

An actual field visit to learn and understand.

**“Make them Know.”**

Advertising model creation.

**“Plan your Business Right “**

Brainstorming sessions to develop strategies

**“Express Yourself”**

Personality development activities and events.

**“Find a Solution”**

Identify the problem and find an effective solution.



## DEPARTMENT OF MATHEMATICS

### Undergraduate Programme

B.Sc Mathematics

### Postgraduate Programme

M.Sc Mathematics

### Ph D

### Certificate Programmes

Numerical Ability

R programming

SPSS

### Contact

mathematics@alberts.edu.in

### VISION

*To be in the forefront in facilitating effective teaching, learning, research and consultancy in Mathematics.*

### MISSION

*To prepare a student such that when leaving the College after completion of the Programme, he/she is equipped with a positive frame of mind, has basic mathematical and communication skills, has acquired the ability to explain concepts logically and has developed a balanced personality.*

### GOALS

- o **High-Quality Instruction in Mathematics**
- o **To Develop Patience and Persistence**
- o **To Develop Socially Responsible Citizens**

Dr Augustine Konnully served at St. Albert's College as a Mathematics Professor during 1949-1983 and as Principal during 1973-78. He was a great mathematician and philosopher, acclaimed nationally and internationally. He published his research papers in international journals like American Mathematical Monthly, Journal of London Mathematical Society, Academia Nazionie Dei Lincei (Italy), Beiträ Zur Algebra and Geometrie (Germany), The Journal of the Australian Mathematical Society etc. His works include "Perspective Simplexes and Tucker Quadrics", "Isogonal Conjugates in  $E_n$ ", "Pivot Theorems in  $n$ -Space", An Incidence Relationship of Hypersphere in  $E_n$ ", and so on. In addition, he introduced a new concept in Mathematics which holds the name "Vector Multipliers." He was the first person to acquire a PhD in Mathematics from the University of Kerala when it was the only University in Kerala.

The Post-Graduate and Research Department of Mathematics conducts a Bachelor's Degree Programme in Mathematics (B.Sc Mathematics) and also a Masters Degree Programme in Mathematics (M.Sc Mathematics) with specialization in Computer/Mathematical Programming. The Department is also an active research unit of the Mahatma Gandhi University. There are six full time and four Adhoc faculty members in the Department.

**BSc Mathematics****First Semester**

- English
- Malayalam/Hindi/French
- Set Theory and Calculus 1
- Descriptive Statistics
- Properties of Matter and Error Analysis
- Complementary Physics Practical 1

**Second Semester**

- English
- Malayalam/Hindi/French
- Coordinate Geometry, Trigonometry and Calculus-2
- Probability Theory
- Machanics and Astrophysics
- Physics Practical - 1

**Third Semester**

- English
- Malayalam/Hindi/French
- Basic Logic, Theory of Equations and Calculus - 3
- Probabiltiy Distributions
- Modern Physics and Electronics
- Complementary Physics Practical - 2

**Fourth Semester**

- English
- Malayalam/Hindi/French
- Vector Calculus, Theory of Numbers and Fourier Series
- Statistical Inference
- Optics and Electricity
- Complementary Physics Practical - 2

**Fifth Semester**

- Mathematical Analysis
- Ordinary Differential Equations
- Abstract Algebra
- Human Rights and Mathematics for Environmental Studies
- Applicable Mathematics - Open Course

**Sixth Semester**

- Real Analysis
- Graph Theory and Metric Spaces
- Complex Analysis
- Linear Algebra and Cryptography
- Operations Research
- Project

**Other Job Opportunities**

Operations Research Analysts  
 Research and Development  
 Chartered Accountant  
 Software Engineers  
 Banking  
 Computer System Analysts

**Collaborations**

- MoU with Paravoor Block Panchayath for extension activities and adoption of villages.
- MoU with Navadarsan in Data Collection and Analysis.
- MoU with the Kerala Mathematical Association (KMA) on Curricular Activities.
- Collaboration with Pollution Control Board in sharing data and related research work.



## DEPARTMENT OF PHYSICS

### Undergraduate Programme

B.Sc. Physics

### Postgraduate Programme

M.Sc. Physics

### Certificate Programme

Certificate Programme in LaTeX

### Contact

physics@alberts.edu.in

St. Albert's College, Ernakulam, was established in 1946 as a Junior College to impart higher education to the young men of the locality. Along with Degree Programmes in many other disciplines, a three year Undergraduate Programme in Physics was started in 1947. The Department of Physics was converted to a Postgraduate Department in 1997 with the introduction of the M.Sc. Programme in Physics. An M.Sc. programme in Space Science and Technology commenced under this Department in 2012 but later branched off to become an independent Department.

The Department of Physics conducts various programmes for the academic enrichment of the students. Several teaching-learning methods, such as classroom seminars, group discussions, quiz programmes, project work, etc., supplement the conventional lecture method. The Department also conducts a Certificate Course in LaTeX. Remedial Classes for the poorly performing and enrichment programmes for advanced students are conducted as per schedule. Tutorial assistance for every student and counselling for the needy are done regularly. Under the guidance of a faculty member, all students carry out a project based on the curriculum, thus promoting a research culture. The Department organises regular extension programmes to promote the moral standards of the students. Seminars are regularly conducted by experts on various advanced and relevant topics in Physics, career guidance and Personality Development.

The Department has a library of its own with a collection of almost 500 books. Students are also encouraged to participate in seminars, workshops and conferences both within and outside the College. They are also encouraged to do projects at different research institutes all over the country.

### VISION

*Leadership in Quality Science Education, Research & Innovation, through teamwork, focusing on basic scientific research and development.*

### MISSION

*Taking inspiration from the Eternal Teacher, Jesus Christ, we are dedicated to promote and foster a culture of high-quality teaching, learning and serving societal needs by encouraging, generating and promoting excellence in research and extension activities.*

## Why Physics at Albert's?

- Legacy of 75 + years
- It is located in the heart of the city
- Experienced Faculty with academic and industrial exposure
- All theory papers learned are supported by laboratory experiments
- Expertise and full-fledged labs in Space Science, Renewable Energy, Material Science, and Electronics
- Indigenously developed sophisticated deposition and characterisation labs for novel materials
- Higher-end instruments like E B Gun, SMUs, Impedance Analyzer etc., are installed in the Department
- A centralised research lab accessible to students for doing projects
- 100% support for P.G. projects
- Support for advanced learners and slow learners
- Coaching for competitive exams and career guidance
- Students clear National / International level tests like NET, GATE, JAM etc. and get placed in prestigious institutions in India and abroad
- Good placement record

## Career Opportunities after UG/PG in Physics

Students who study Physics are prepared to work on areas at the forefront of science and technology, academia, the government, or the private sector. They can have careers that focus on basic research in Astrophysics, Cosmology, Particle Physics, Atomic Physics, Photonics or Condensed Matter Physics, or more applied research in areas such as Renewable Energy, Quantum Information Science, Materials Development, Biophysics, or Medical Physics. Other possible career opportunities include teaching, science writing, energy policy, government, or management in technical fields.

Postgraduates in Physics can apply for almost any career because they have the capability to analyse complex problems and have a solid quantitative background which can be applied in any technical field. A Degree in Physics is an excellent foundation for careers in Journalism, Law, Finance, Medicine, Engineering, Computer Science, Astronomy and Biology.

## Short Description of Programmes

The Department offers a three year Bachelors Undergraduate Degree Programme in Physics (48 seats) and a two year Postgraduate Programme in Physics with specialisation in Electronics (10 seats)

## Syllabus

### B.Sc. Physics

#### First Semester

- English
- Malayalam/Hindi/French
- Methodology and Perspectives of Physics
- Mechanics and Properties of Matter
- Mathematical Methods
- Basic Theoretical and Analytical Chemistry
- Volumetric Analysis

#### Second Semester

- English
- Malayalam/Hindi/French
- Mechanics and Properties of Matter
- Mechanics and Properties of Matter
- Calculus
- Basic Organic Chemistry
- Volumetric Analysis

### **Third Semester**

- English
- Malayalam/Hindi/French
- Optics, Laser and Fibre Optics
- Optics and Semiconductor Physics
- Vector Calculus, Analytic Geometry, and Abstract Algebra
- Physical Chemistry I

### **Fourth Semester**

- English
- Malayalam/Hindi/French
- Semiconductor Physics
- Optics and Semiconductor Physics
- Fourier Series, Laplace Transform and Complex Analysis.
- Physical Chemistry II

### **Fifth Semester**

- Electricity and Electrodynamics
- Classical and Quantum Mechanics
- Digital Electronics and Programming
- Environmental Physics and Human Rights
- Electricity, Magnetism and Laser.
- Digital Electronics
- Thermal Physics, Spectroscopy and Python Programming
- Acoustics, Photonics and Advanced Semiconductor Physics

### **Sixth Semester**

- Thermal and Statistical Physics
- Relativity and Spectroscopy
- Nuclear, Particle and Astrophysics
- Solid State Physics
- Computational Physics
- Electricity, Magnetism and Laser.
- Digital Electronics
- Thermal physics, Spectroscopy and Python Programming
- Acoustics, Photonics and Advanced Semiconductor Physics



## DEPARTMENT OF RENEWABLE ENERGY

### Undergraduate Programme

B. Voc. in Renewable Energy

### Postgraduate Programme

M. Voc. in Renewable Energy Management

### Certificate Programme

Entrepreneurship in Solar Photovoltaics

### Contact

re@alberts.edu.in

Vocational or skills-based education is becoming significant today as the Industry expects all its new employees to have relevant and requisite skills at the workplace. To address the gap and unemployable situation and ensure that students have adequate knowledge required for various industries, the University Grants Commission (UGC) launched the Centrally Sponsored Scheme of B.Voc. Degree Programmes in 2013. The B.Voc. Programmes were started under the National Skills Qualifications Framework (NSQF) which has been approved for 127 Universities and Colleges to impart knowledge and skills for employment and entrepreneurship to undergraduates of the higher education system. St. Albert's College (Autonomous), Ernakulam, Kerala, has also taken part in the mission of UGC in 2014 by starting a new B.Voc. Degree Programme in Renewable Energy. The curriculum for B.Voc. Renewable Energy Degree Programme was developed with the involvement of Industry. The syllabus, which consists of general education components as well as skill components.

### VISION

*“To be an exemplary Department in the field of Renewable Energy, to develop an energy-efficient future and to advance global collaboration in the adoption of the low carbon, renewable energy sources and technologies which provide sustainable job creation and positive economic impact.”*

### MISSION

*To impart state-of-the-art knowledge in the field of Renewable Energy and Sustainable Development.*

*To teach a culture of sustainable habitat through improvement in energy efficiency, promotion and coordination in renewable energy sources such as Solar Power, Wind and Biogas.*

*Facilitate the professionals with commitment towards social & ethical values.*

*To expand sustainable knowledge, skills and mindset that motivates individuals to become deeply committed to build a sustainable future and to make effective decisions.*

## Why Renewable Energy Programme @ Albert's?

The curriculum for B. Voc. And M. Voc. Renewable Energy Programmes has been developed with the involvement of Industry. The syllabus consists of general education components and skill components. The skill component includes core courses, project, one month hands-on-training (HOT), one month on-the-job-training (OJT) and one and half months final project for students. Students, on completion of the first year and second year will be awarded a Diploma Certificate and an Advanced Diploma Certificate in B. Voc. Renewable Energy, respectively. Those who complete the third year will be awarded B. Voc. Degree in Renewable Energy. The Department also conducts various training programmes, seminars/webinars to keep the students updated about the latest developments in the field. In addition, various academic extension activities and social outreach activities are included to make the students socially committed to society.

The Bachelors and Masters Programme in Renewable Energy prepare the students in theoretical and practical aspects of RE technologies, Energy Conservation and Management.

Given the current climate change and scarcity of fossil fuels, the field of Energy Management offers significant challenges and opportunities. The Programme exhibits its uniqueness, fostering the much sought-after leadership skills through the Energy Management Courses. The internship training each year is a part of the Programme, which enables the students to tackle practical problems of design, development and deployment in the Industry, pursue academics, and become frontiers in research. The Programme's objective is to provide skilled human resources to meet the challenges of the energy sector.

## Syllabus

### B.Voc. Renewable Energy

#### First Semester

- English-I: Fine Tune Your English
- Mathematics-I
- Fundamentals of Computer
- Physics-I: Units and Measurements, Circuit Theory and Electrical Fundamentals
- Renewable Energy-I: Fundamentals of Sustainable Energy & Development
- General Physics Lab
- Computer Application Lab- MATLAB

#### Second Semester

- English-II: Issues That Matter
- Mathematics-II
- Physics-II: Basic electronics
- Renewable Energy-II: Physico-Chemical processes for water and wastewater treatment
- Renewable Energy-III: Photovoltaic Module Installation
- Practical- Electronics & Photovoltaic Module Installation
- HOT – Hands-On Training

#### Third Semester

- Chemistry-II: Physical Chemistry
- Physics-III: Thermodynamics and Fluid Mechanics
- Renewable Energy-IV: Novel Energy Resources
- Renewable Energy-V: Solar Thermal Technology-I
- Renewable Energy-VI: Wind Energy
- Practical- Thermodynamics & Solar Thermal
- Practical- Fluid dynamics & Wind Energy

#### Fourth Semester

- Renewable Energy-VII: Solar Thermal Technology-II
- Material Science
- Environmental Education
- Renewable Energy-VIII: Solar Photovoltaic Energy Conversion-I
- Renewable Energy-IX: Energy Storage Systems
- Practical- Solar Photovoltaics & Energy Storage Systems
- OJT- On the Job Training

## Fifth Semester

- Physics-IV: Laser and Optical Instrumentation
- Renewable Energy-X: Environment, Health and Safety in Industries
- Renewable Energy-XI: Project Management
- Renewable Energy-XII: Energy Conservation Techniques
- Renewable Energy-XIII: Solar Photovoltaic Energy Conversion-II or Solar Thermal Technology-III
- Practical-Advanced Solar Photovoltaic Lab
- Practical-Advanced Solar Thermal Lab-I

## Sixth Semester

- Physics-V: Spectroscopy and experimental techniques
- Physics-VI: Power Electronics
- Renewable Energy-XIV: Fuel cell systems and hydrogen
- Renewable Energy-XV: Energy Management and Auditing
- Practical-Advanced Solar Thermal Lab-II
- Practical-Experimental Techniques & Power Electronics

## Innovative Programs and Activities

Skill Development Program

Resume Preparation Training

Entrepreneurial Workshop on Solar Powered Products

Student Solar Ambassador Workshop

### Use The Design-Thinking Process:

The design thinking process is a set of structured strategies that help identify challenges, gather information, generate potential solutions, refine ideas and test solutions.

### Use Problem-Finding:

Teachers encourage the students to identify problems related to energy conservation and related areas so that they would be able to assess the significance of such issues and develop the ability to apply broad principles to specific situations

### Implementing a Flipped Classroom Model:

When teachers use a flipped classroom model, the standard order of teaching and classroom events are reversed. Typically, students can view lecture materials, read text, or do research as their homework before coming into class. The time spent in class can then be utilized for activities that can include peer-to-peer learning, group discussions, independent learning, and engaging discussions or collaborative work.

### Significant Achievements of the Department:

The Department led the Filament Free Audit in the College Campus, in the houses of faculty members and the students as well as in the adopted villages of St. Albert's College (Autonomous) under the Filament Free Kerala Project envisaged in the Urja Kerala Mission announced by the Government of Kerala. The Campus was declared as Filament Free Campus by Honorable Electricity Minister Shri. M. M. Mani.

The Department was ranked as one of the Best Department for the Albertian Energy Conservation Awards 2020, constituted by the Albertian Centre for Human Resource Development and Research, in association with BPCL.

The Department has received appreciation for its initiatives on a social commitment like making LED emergency lamps for the flood-affected area in Wayanad District.

The Department has also installed and implemented an innovative project by turning a classroom into a Solar-powered classroom with 6 hours of battery backup.

Final year students of the 2017-2020 batch developed a Solar powered cycle.



**Facilities available**



SOLAR THERMAL SYSTEM USING FLAT PLATE COLLECTOR



SOLAR THERMAL SYSTEM USING PARABOLIC TROUGH REFLECTOR



SOLAR THERMAL ENERGY STORAGE SYSTEM



SOLAR PV TRAINING SYSTEM



GRID-TIED PV TRAINING SYSTEM



WIND ENERGY TRAINING SYSTEM

**Internships/ OJT/ Hands-on Experience**

Students have to undergo 21 days of internship during the second semester and fourth semester at different industries.



Students and teacher trainers with their assembled Solar Lamps



The Department of Renewable Energy St. Albert's College (autonomous) Ernakulam and REPCOS Ltd Ernakulam in association with Energy Management Centre , Government of Kerala , organized "GO ELECTRIC CAMPAIGN 2021-22" on 21ST DECEMBER 2021.





## DEPARTMENT OF RETAIL MANAGEMENT

### Undergraduate Programme

B.Voc. Retail Management

### Contact

retail@alberts.edu.in

The Department of Retail Management of St. Albert's College (Autonomous) started functioning in 2019. The Department offers a three-year vocational degree Programme in Retail Management and is affiliated with Mahatma Gandhi University, Kottayam. Retail Management is a sub-discipline in the general field of Management that deals with overseeing the distribution and selling of products directly to the consumers at specific vending points such as shops, chain stores, markets and malls. It aims to improve the quality and diversity of students at the intake level. B.Voc. Retail Management is a work integrated Degree Programme that enhances the culture of entrepreneurship and focuses on providing skills necessary to manage retail activities. Since its establishment, the Department's primary objective has been to develop students into competent and successful entry-level management professionals.

### VISION

*To provide quality-oriented teaching that brings out the latent potential of the students and thereby become a leading provider of retail-related education, supporting the growth of the country's retail industry.*

### MISSION

*To become an agent for providing quality educational services and training programmes to develop competent and quality human resource retail industries.*

## Why Retail Management @ Albert's

To become a successful business professional in today's world one needs to have an in-depth understanding of business problem-solving. The Department promise to equip the students with a perfect mix of business acumen and technical capabilities to help them achieve the same. The Department provides a holistic development of business skills through exposure to case studies, teaching, industry training, consultancy and research and interaction with industry leaders.

Students of the Department play a prominent role in organizing innovative events and programmes. In addition, the Department of Retail Management also acts as an agent in providing quality educational services and training programmes to develop quality human resources. The Retail Management Programme offered by the College aims to provide students with an in-depth understanding of the Retail industry and an opportunity to learn from the best faculty who have decades of industry experience and academic excellence.

## B.Voc. Retail Management

B.Voc. Retail Management is a three-year duration Undergraduate Programme. One of the most significant advantages of pursuing B.Voc. against standard Degree Programmes is that, a candidate has multiple exit points during the Programme and continuous industry exposure. This means that if a candidate is unable to complete his/ her B.Voc. Course, s/he is still awarded a Diploma Certificate after completing the first year and an Advanced Diploma Certificate after completing the second year. After the completion of the third year, the student will be awarded a Degree Certificate. The Programme differs from traditional academic Programmes as it deals mainly with application-based studies rather than theoretical knowledge. Thus, it is a skill-based Programme.

The curriculum of B.Voc is industry-based, containing components like general education (theory) and vocational training (practical) components. This means that apart from studying the regular curriculum, all students need to undergo on-the-job- training (OJT) in every odd semester and internships every even semester. There would be 14 days OJTs and one month of internships.

## Major Specializations

Consumer Behavior  
 Integrated Marketing Communication  
 Merchandise Buying & Management  
 Retail Promotion and Branding  
 Store Location, Site Selection and Positioning  
 Customer Service & Selling Skills  
 Store Design and Layout  
 Finance Management in Retail  
 Supply Chain Management  
 Storekeeping and Warehousing  
 Mall Management  
 Management Information System.

## Syllabus

### First Semester

- Basic English Skills for Business
- Business Mathematics & Statistics
- Principles of Management
- Introduction to Retail Management
- Computer Skills for Business

### Second Semester

- Advanced English Skills for Business
- Business Economics
- Organizational Behavior
- Consumer Behavior
- Integrated Marketing Communication

### Third Semester

- Environment Science
- Accounting and Costing in Retail Management
- Research Methodology
- Merchandise Buying & Management
- Retail Promotion and Branding
- Store Location, Site Selection and Positioning

### Fourth Semester

- Business Entrepreneurship
- Business ethics & Global Business Management
- Operations Management
- Customer Service & Selling Skills
- Store Design and Layout

### Fourth Semester

- E-Commerce & E-Tailing
- Human Resource Management in Retail
- International Business & Retailing
- Finance Management in Retail
- Introduction to Supply Chain Management
- Storekeeping and Warehousing

### Sixth Semester

- Business Law
- Strategic Management
- Corporate Readiness Program
- Mall Management
- Management Information System
- Internship with Project-III

### Innovative Programmes and Activities:

#### Successful Entrepreneurs Talk (SET)

##### “Public-Private War”:

The debate, “Public-Private War” is conducted for students to create in them practical critical thinking regarding primary issues relevant in the industry. This will improve the confidence, poise, and self-esteem of students.

##### “The Next Big Idea” (Business Idea Presentation):

The Business Idea is a seed for entrepreneurship. This assignment is used for planning out specific details about the business. This assignment is mainly to help students understand the planning needed to start a successful business.

##### AD Creation (Advertisements Creation):

This activity enables students to generate advertisements using their creative ideas.

##### SKYBeaT

Through this activity, students are made to go through mock interviews which will help them to boost their confidence and prepare themselves for actual interviews in future.



## DEPARTMENT OF SOCIAL WORK

### Undergraduate Degree Programme

B. Voc Medical and Psychiatric Social Work

### Postgraduate Programme

Master of Social Work

### Specializations in MSW

Medical and Psychiatric Social Work  
Family and Child Welfare  
Community Development

### Contact

[maw@alberts.edu.in](mailto:maw@alberts.edu.in)

The Department of Social Work, St. Albert's College (Autonomous) was started in the year of 2015. Since its inception, the Department is privileged to host many socially relevant and committed programmes. The MSW Programme offers 3 specializations which include Medical and Psychiatric Social Work, Family and Child Welfare and Community Development.

### VISION

***To build a socially just society by strengthening human relationships and promoting the values of equality, diversity, inclusiveness, democracy, and concern for human welfare through academic excellence.***

### MISSION

***To engage in collaborative learning, research, community initiatives, disseminating knowledge, which embraces the values of social inclusion thereby enhancing the quality of life with whom we collaborate and interact.***

### Under Graduate Programme – Medical & Psychiatric Social Work (MPSW)

MPSW Programme helps students to understand the physical and mental health needs of individuals and families and equips them to intervene at personal and community levels to formulate policies. Students are exposed to psycho-social assessments, therapies, counselling and health systems and they become competent in planning and implementing family and community health interventions.

Career avenues in Medical & Psychiatric Social Work (MPSW)

Students completing this specialization are placed in hospitals, Mental Health Centres, Individual and Family Counselling Centres, Community Health NGOs, UN Organizations, Research Institutions and Institutions under the Health Department.

## Why Social work @ Alberts

- Courses relevant to the Industry and Society
- Updated Contemporary Curriculum
- Qualified Faculty Members
- Meaningful Internships in all Semesters
- Significant Certificate Programmes
- National and International Collaborations and Opportunities
- Transactional Pedagogies
- Keeping in Pace with the Changing World
- Global Engagement
- In-Depth Community Involvement
- Technology-Driven Pedagogy
- Competency-Based Training
- International Seminars and Workshops



### B.Voc. Medical and Psychiatric Social Work

- The syllabus of MPSW Programme is designed with a future oriented and realistic insight to provide all the necessary and advanced skills to the social work trainees.
- The Programme offers multidisciplinary experience in the areas of Psychology, Sociology, Economics, Business Administration, Education and Law.
- The social work methods such as Social Case Work, Group Work, Community Organization, Social Work Research, Administration and Social Action are given top priority with dedicated courses for theoretical understanding with live labs practicum.
- There are 6 Field practicum in the entire Programme which has been divided in to concurrent and block placements providing rich experience to the Social Work trainees at National and International level.
- Research is given top priority in which a mini research and a major research is mandatory in the Programme.

### First Semester

- Basic English Skills for Social Work (ENG1)
- Statistics (STAT)
- Introduction to Social Work (ISW)
- Introduction to Medical Social Workers (IMSW)
- Principles of Management and Hospital Administration (PMHA)
- Computer Skills for Social Work (COMP)

### Second Semester

- Advanced English Skills (ENG2)
- Sociology (SOC)
- General Psychology (GPSY)
- Working with Individuals (WWI)
- Medical Terminology & Procedures (MTP)
- Internship 1

### Third Semester

- Environment Science and Human Rights (ESHR)
- Developmental Psychology (DPSY)
- Research Methodology (RM)
- Working with Groups (WWG)
- Health Psychology (HPSY)
- Counselling and Psychotherapy (CP)
- OJT

### Fourth Semester

- Social Entrepreneurship (SE)
- Abnormal Psychology (APSY)
- Organizational Behaviour (OB)
- Project Planning & CSR (PPCSR)
- Working with Community and Social Action (WWCSA)
- Internship 2

### Fifth Semester

- Community Health (CH)
- Human Resource Management (HRM)
- Accounting for Social Workers (ACSW)
- Psychosocial Rehabilitation (PR)
- Clinical Assessment and Diagnosis of Psychiatric Disorders (CADPD)
- Health Communication and First Aid (HCFA)
- OJT

### Sixth Semester

- Disaster Management (DM)
- Legal Framework for Hospitals & Medical Ethics (LFHME)
- Corporate Readiness Program (CRP)
- Palliative Care Social Work (PCSW)
- Psychosocial Counselling for Special Groups (PCSG)
- School Mental Health and Social Work Practice (SMH)
- Corporate Social Responsibility (CSR)
- Internship with Project-III

### Placement Cell

The Placement Cell of the Department is an active body where various placement opportunities are provided to the students in association with the College Placement Cell. The Finishing School Programme is to equip the students for careers. It is conducted with the help of the Albertian Institute of Management Studies.

### Extension Activities

#### Community Development Activities

The Department of Social Work undertakes extensive community development activities ranging from baseline data collection to research based interventions. The community development programmes are mainly focussed in the suburban villages especially in Edavanakad, Elamkunnapuzha, Ezhikkara, Nayarambalam, Kadamakudy and Kottuvally. The major activities include Women Empowerment, Child Care, Environmental Protection Activities, Medical Care, Elderly Care etc.

#### SAVE (St. Albert's Voluntary Executives for Social Welfare)

SAVE Programme is a Social Outreach Programme proposed and guided by the Department of Social Work in which the entire first year students of St. Albert's College (Autonomous) are involved. The students of different Departments are mixed together to form a SAVE group who visit various NGOs, care institutions and interact with the inmates and present cultural activities. The focus is to create a Social Work attitude among the students in St. Albert's College (Autonomous).

### **A Meaningful Day in Kochi**

It is an innovative programme in which students have to visit the city of Kochi especially places such as markets, hospitals, parks, public offices and interact with people. It is a one day exclusive field experience programme from 8 am to 8 pm to observe and understand the people in various walks of life. The programme is conducted in the first week of the 1st semester. It provides immense opportunities for the Social Work trainees to explore the realistic views of life.

### **Know your Neighbourhood**

The programme dedicated to understand the one's own locality. The programme has an objective to introduce the students to his/her locality as a social work trainee, which will help to increase the self-esteem and will eventually lead him/her to accept oneself as the true champion of social work values.

### **Elderly Care Activities**

The students of the Department are keenly interested in the welfare of the elderly and engage in elderly care activities during their field work practicum. It enables the students to have a deep, motivated empathy towards elderly persons and enable them to have a meaningful presence in the community.

### **Child Care Activities**

The Department of Social Work has invested a lot of time to enable the MPSW students to deal with the challenges of child care. The Department has associated itself with Childline to advocate for child rights through street plays, Awareness Programmes, volunteering and counselling. The students have a concurrent field work of 3 months in Lower and Upper Primary Aided Schools to understand child issues and students are encouraged to involve in empowerment activities and Anti-Drug activities as well as create awareness against sexual harassments.

### **Rural Camps**

Rural camps are an essential part of the Social Work Programme. It helps the Social Work student to understand rural life by living with them for a week. The facilities provided to the students are minimum and they have to understand the rural way of living by engaging in manual labour, house visits, group interactions and cultural programmes.

### **Certificate Programmes and Add on Courses**

- |   |                                   |
|---|-----------------------------------|
| 1. Social Project Design and Implementation | 13. Transactional Analysis        |
| 2. NGO Formation and Administration         | 14. SPSS                          |
| 3. Counselling and Psycho Therapy           | 15. RTI                           |
| 4. Transactional Analysis                   | 16. French A1                     |
| 5. Social Auditing                          | 17. German                        |
| 6. Social Entrepreneurship                  | 18. Tally                         |
| 7. Social Legal Action                      | 19. Basic Accounting              |
| 8. Community based Environment Protection   | 20. MS Office                     |
| 9. Presentation skills for Social Workers   | 21. Environment Impact Assessment |
| 10. First Aid Management                    | 22. Social Auditing               |
| 11. Street Theatre                          | 23. Project Proposal              |
| 12. PRA                                     |                                   |



## DEPARTMENT OF STATISTICS

### **Integrated PG Programme**

Integrated MSc in Basic Sciences –  
Statistics

### **Postgraduate Diploma Programme**

Postgraduate Diploma in Data  
Visualization and Infographics

### **Contact**

statistics@alberts.edu.in

The Department of Statistics, established in 2020, offers Integrated MSc in Basic Sciences – Statistics and Postgraduate Diploma in Data Visualization and Infographics. The dynamic and vibrant Department imparts rigorous training and exposure to the students in statistical computing by introducing the latest state-of-the-art programming language and computer software to enable the students to perform statistical data analysis. However, the strength of the Department lies in its continual search for excellence and its endeavour to adapt itself to the changing scenario of Statistics as a subject and to keep abreast with the best in the emerging fields.

### **VISION**

*To implement excellence in statistical training through quality education and expertise and transform the Department as a centre of statistical brilliance.*

### **MISSION**

*To impart high standards of statistical education through innovative teaching to meet the changing needs of modern society.*

*To encourage quality-related learning, consultancy and training programs.*

*To prepare students for life by imparting knowledge that focuses on academic competence, social skills and moral values.*

### Integrated MSc in Basic Sciences – Statistics

It is impossible to think of any field that does not employ modern statistical tools to arrive at rational conclusions from research studies in the present scenario. A statistician is always an indispensable part of any research team carrying out research investigation. The Integrated MSc Program in Basic Sciences – Statistics, offered by the Department of Statistics, facilitates students who have passed +2/Higher Secondary to learn, practise and make a career in information analysis for decision making on concerned problems. As these students choose statistics at an early stage of their learning, they have the opportunity of understanding better the fundamentals of statistics. They can equip themselves to work as a professional statistician. Training in handling modern statistical software in analysing data arising from various disciplines, help students to internalise a blend of theoretical and practical skills.

### Post Graduate Diploma in Data Visualization and Infographics

The Postgraduate Diploma Programme in Data Visualization and Infographics is an interdisciplinary Programme that focuses on a software-oriented study in statistical methods, processes, algorithms and systems to extract knowledge and insights from structured and unstructured data. This Diploma Programme enables students to be good at data analysis with a thorough understanding of computer software (like R, Python, SPSS and Excel)

### Focus Areas

#### Theoretical Statistics

Descriptive Statistics  
 Real Analysis and Linear Algebra  
 Mathematical Methods for Statistics  
 Basics in Probability Theory  
 Fundamentals of Random Variables,  
 Probability Distributions  
 Statistical Estimation Theory  
 Sampling Techniques and Indian Official Statistics  
 Testing Statistical Hypotheses  
 Elements of Stochastic Processes  
 Advanced Sampling Theory  
 Advanced Distribution Theory

#### Applied Statistics

Linear Models and Regression Theory  
 Categorical Data Analysis  
 Multivariate Analysis  
 Design of Experiments

#### Specialisation Courses

Statistical Reliability Analysis  
 Survival Analysis  
 Bayesian Inference  
 Time Series Analysis  
 Advanced Operations Research  
 Biostatistics  
 Data Mining Methods  
 Econometric Methods  
 Statistical Quality Control

#### Statistical Software

Object Oriented Programming and Latex  
 Python Programming  
 R Programming  
 SPSS

## Why Statistics at Albert's College

### Innovative Learning Practices

St. Albert's College (Autonomous) places importance on quality and value when it comes to academics and is committed to providing students with knowledge and skills in demand, besides offering opportunities to learn a variety of new concepts and skills.

### Well-Versed Curriculum

This Programme is both challenging and stimulating. Disciplines like probability and measure theory, statistical inference and linear Algebra set the groundwork for a solid theoretical background while a focus on applied subjects like econometrics, forecasting, design of experiments, actuaries, SQC and Survival Analysis ensures competence at both sectors - industry and academia

### Supportive Environment (Infrastructure)

Well-equipped digital classrooms, e-library, and state-of-the-art- infrastructure is offered to create a unique academic ambience.

### Career Development Opportunities

At St. Albert's College (Autonomous), students can build academic networks through seminars, conferences, a University-Industry interface, student-exchange programs, and internships that bring endless opportunities to create great career paths.

### Further Study Guidelines

The Integrated MSc Statistics Programme at St. Albert's College (Autonomous) offers a solid foundation for further studies. Apart from regular academic subjects, the other certified Programme is provided in association with other Departments and global professional bodies. Students are helped to assimilate the importance and value of mathematical and statistical thinking, training, and approach to problem-solving on a diverse variety of disciplines.

#### First Semester

- English Paper 1
- Basic Statistics
- An Introduction Statistical Computing Using Excel and R
- Statistical Computing Using Excel/R 1
- Mathematics 1 - Logic Set Theory and Differential Calculus
- Computer Science 1 - Fundamentals of Computer Science
- Lab 1

#### Second Semester

- Second Language Malayalam/Hindi
- Applied Statistics
- An Introduction to Probability Theory
- Demography, Vital and Official Status
- Mathematics 2 - Integral Calculus and Trigonometry
- Computer Science - 2 - Spreadsheet and Database Management
- Lab 2
- Computer Practical - Lab 1 & 2

### Third Semester

- Probability Distributions
- Estimation Theory
- Statistical Computing using Excel/R 2
- Mathematics 3 – Vector Calculus, Differential Equations and Laplace Transform
- Computer Science 3 – Web Technology
- Lab 3

### Fourth Semester

- English Paper 2
- Introduction to Sampling Theory
- Testing of Hypothesis
- Mathematics 4 – Linear Algebra
- Computer Science 4 – Python Programming
- Lab 4
- Computer Practical 2 – Lab 3 & 4

### Fifth Semester

- Real Analysis 1
- Operation Research
- Numerical Analysis
- Statistical Quality Control
- Statistical Computing Using Python

### Sixth Semester

- Real Analysis 2
- Complex Analysis
- Markov Process and Queueing Models
- Actuarial Statistics
- Elective 1
- Mini Project

### Seventh Semester

- Probability Theory
- Theory of Bivariate and Multivariate Distributions
- Sampling Theory
- Statistical Inference 1
- Design and Analysis of Experiments

### Eighth Semester

- Statistical Inference 2
- Stochastic Processes
- Advanced Multivariate Analysis
- Data Analysis using R
- Elective 2

### Ninth Semester

- Time Series and Forecasting
- Regression Analysis and Econometrics
- Nonparametric Inference
- Bayesian Inference
- Elective 3

### Tenth Semester

- Project Major
- Comprehensive Viva Voce (Project Based)



## DEPARTMENT OF TRAVEL AND TOURISM

### Undergraduate Degree Programme

B. Voc Travel and Tourism

### Contact

[tourism@alberts.edu.in](mailto:tourism@alberts.edu.in)

The Department of Travel and Tourism of St. Albert's College started functioning in the year 2019. The Department offers a three-year vocational degree Programme in Travel and Tourism, affiliated to Mahatma Gandhi University, Kottayam. Tourism is one of the fastest-growing industries and has attained increasing recognition as a crucial sector with enormous potential for generating employment. B.Voc Travel and Tourism is a work-integrated Degree Programme that is more focused on providing industry-related skills to the students to get better opportunities. Students of the Department play a prominent role in organizing innovative events and programmes. A platform for hands-on-training in the form of internship and on-the-job-training in various organizations help students to apply their theoretical knowledge and prepare them to face the challenges of the job market.

### VISION

*The Department's vision is to provide quality-oriented teaching that may bring out the students' potential and thereby become a leading provider of tourism-related education, supporting the growth of the country's tourism industry.*

### MISSION

*The mission of the Department of Travel and Tourism is to become an agent for providing quality educational services and training Programmes to develop competent and quality human resources for the Travel and Tourism industry, taking into account the present and futuristic requirements of tourism sector.*

### Programme Structure:

B.Voc Travel and Tourism is a three-year Undergraduate Programme divided into six semesters. The Programme's objective is to provide adequate knowledge and skills related to the tourism, travel, and hospitality industry for employment and entrepreneurship. The most significant advantage of pursuing a B.Voc Programme against a standard Degree Programme is that a candidate has multiple exit points during the Programme and continued industry exposure. The candidate will be awarded a diploma after the successful completion of the first year or an advanced diploma after the successful completion of the second year. If he/she completes the entire three-year Programme, he/she will be awarded a Degree Certificate. B.Voc Programmes focus on skill-based education rather than theoretical education. B.Voc Travel and Tourism is an industry-oriented Programme. Apart from studying the regular curriculum, all students must undergo two weeks of on-the-job training and a one-month internship every alternate semester.

### Syllabus Structure

The curriculum of the UG Programme would be an appropriate mix of general education and skill development components designed for specific job roles in the tourism, travel, and hospitality industries.

#### First Semester

- Basic English Skills for Business
- Communicative Hindi/French\*
- Business Mathematics & Statistics
- Introduction to Indian History & Geography
- Principles of Management
- Computer Skills for Business
- On the Job Training (02 weeks)

#### Second Semester

- Advanced English Skills for Business
- Communicative Hindi/French\*
- Business Economics
- Organization of Indian & Global Tourism Industry
- Front Office Management & Selling Etiquette
- Internship 1 (04 Weeks)

#### Third Semester

- Research Methodology
- Accounting and Costing in Tourism
- Environment Science
- Tourism Guiding Skills & Agency Management
- Hospitality Management
- Principles and Practices in Travel & Tourism
- On the Job Training (02 weeks)

#### Fourth Semester

- Business Entrepreneurship
- Business ethics & global business management
- Operations Management
- Fundamentals of Marketing Management
- Airline & Cargo Management
- Internship 2 – Organizational Study, Reporting and Viva Voce (04 Weeks)

#### Fifth Semester

- E-Tourism & Eco-Tourism
- Human Resource Management in Tourism
- Sustainable Tourism
- Finance Management in Tourism
- CRM in Tourism Business
- MICE Tourism
- On the Job Training (02 weeks)

#### Sixth Semester

- Business Law
- Event Management
- Corporate Readiness Programme
- Tourism Planning & Development
- Management Information Systems
- Internship with Project-III (08 Weeks)

## Why Travel and Tourism Programme @Albert's

Tourism as an industry is developed and influences the economy and society locally, nationally, and globally. This Industry covers several types of career from service to executive position in many different sectors, such as planning events for travellers, operating tours, booking travel arrangements and hospitality management as it is a practice-oriented field. Hence, it requires more and more skilled workers and innovators every year.

The Department envisages developing tourism professionals with a broad range of applied, technical and interpersonal skills through innovative curriculum and the effective use of the latest technological advancements. It also exposes the students to the current practices in the Industry through mandatory internship training. In addition, the Department provides innovative teaching-learning activities needed to prepare individuals for effective job performance in the hospitality, tourism, and entertainment industries, in such a way offering in-depth knowledge of the Industry. Qualified and dedicated faculty members with decades of industry experience and academic excellence are an added advantage of the Department.

## Innovative teaching-learning activities

### Smart Trip Planner

One of the essential areas in the Travel and Tourism industry is tour operations. Even if it is a short trip or a long trip, it pays to be prepared when travelling. To make a holiday more interesting, a tour operator has to plan the itinerary according to the customer's needs and wants. Therefore, students as tour operators prepare an effective travel plan/itinerary during this teaching practice according to the customer's preference and market it by ensuring customer service standards.

### My Business Plan

My Business Plan is a valuable tool in teaching entrepreneurship. This assignment is used for planning out specific details about business. This assignment is mainly to help students understand the planning needed to start a successful business.

### Volunteer Tour Guiding

Tour guiding plays a vital role in the tourism industry. Therefore, exceptional training and excellent communication skills are needed. As part of the Programme, the Department offers opportunities to students to act as volunteer tour guides for a particular period under the supervision of an official tour guide.

### Sky Beat

A mock interview is an emulation of a job interview used for the training process. The conversational exercise usually resembles an honest discussion as closely as possible to provide experience for students.

### Front Office Replica- Role Play

The front office represents the customer-facing division of a firm. The hotel's front desk employee requires many skills to make sure guests have a pleasant experience at a hotel. They perform the duties including providing information, reservation of rooms, check-in, and checkout of the guest, answering phone calls, greeting clients, and solving the customer's complaints and sales. This role-play helps students to get experience as hotel employees by enacting the responsibilities of a hotel front office staff.



## DEPARTMENT OF ZOOLOGY

### Undergraduate Degree Programme

B.Sc Zoology

### Postgraduate Degree Programme

M.Sc Zoology

### PhD

### Certificate Programme

Basic Microbial Techniques

### Contact

zoology@alberts.edu.in

The Department of Zoology is a constituent entity of the Faculty of Science, St. Albert's College (Autonomous) Ernakulam, since its inception in 1947. As a gateway to diverse areas of modern biology, the initial teaching efforts in the Department were tailored to train students leading them to earn a B.Sc. Degree. The Masters Programme and Ph. D Programme were rolled out in 2002 and 2007, respectively. The Research Department spans frontier areas of life sciences, including Toxicology, Genomics, Physiology, Ecology, Systematics, and Medical Microbiology. The Department also provides a precise platform for the students for collaborations with various recognised research institutions.

### VISION

- *To inculcate an awareness to explore, understand and conserve animal diversity.*
- *To strengthen the teaching-learning process through innovative practices, the Department will stimulate the spirit of scientific enquiry and discovery in academics.*

### MISSION

- *To involve the Department in community-based and outreach activities, whenever and wherever possible.*
- *Encourage the students to mould passion into profession*

## Activities

The Ecological studies of fauna and flora is a more or less regular endeavour of the Department. Apart from the long tours, frequent one-day visits to various research institutions are provided for multiple classes or groups focused on their syllabi or specialisations. Institutes visited are- CCMB, CMFRI, NIO, RGCB, NIV, specialised microbiology laboratories, instrumentation centres and research labs.

For enhancing research and academics from time to time, the Department organises lectures, workshops, seminars, and invited talks by eminent scientists and experts from other universities and institutes of National and International levels.

The Faculty and students of the Department are actively involved in governmental and Non-Governmental organisations such as Biodiversity Surveys and Pollution assessment of Vembanadu Lake by ICMR and CMFRI.

The Zoology Association forms the platform for students to gain knowledge beyond their curriculum. Students get the opportunity to express their talents through organising and participating in various activities. The Department believes in moulding the students to gain the expertise needed for a career in life science.

## Innovative Teaching Practices

### Cooperative learning method:

Categorising students into heterogeneous groups based on capabilities and skills to develop a collaborative team-based learning experience.

### Inquiry-based learning:

Encouraging students to explore the various facets of the subject. For example, they may follow steps like:

- Brainstorming and developing their questions on relevant topics
- Research and form ideas and solutions
- Present their findings and reinforce knowledge

### Use of virtual practical sessions

Department uses Physio-Ex to avoid live dissections, to conserve biodiversity.

### Cross over learning

The students are given problems, and they have to solve them by referring to the museum specimens. Thus, it enhances the understanding of taxonomic levels.

## Facilities

The Department has Classrooms and laboratories with ICT facility and well-equipped laboratories, including Wet lab, Biochemistry & Physiology lab and Microbiology laboratory for performing experiments in Environmental Science, Molecular Biology, Biochemistry, Physiology, Microbiology. In addition, the Department has a well-equipped instrumentation room. Facilities include ultracentrifuge, microtome, spectrophotometers, laminar flow hood, incubator, autoclave, hot air oven, spectrophotometer, centrifuges, binocular microscopes and electronic balances.

Since the Department's establishment, the museum has an extensive collection of preserved indigenous and exotic animal species. This museum has an extensive collection of scientifically critical zoological specimens and materials, all of which are well-labelled, categorised, and displayed in Museum Display Cabinets. There are more than 100 Vertebrate specimens that include fishes, reptiles, birds and mammals. A Well-maintained osteology section includes Skeleton of Whale, Man, Snake, fish and Amphibians. In addition, there is a repository of slides on histology, cytology, invertebrates, whole mounts, sections and larvae, frog and chick embryology.

**B.Sc. Zoology****First Semester**

- Fine-tune your English
- Pearls from the Deep
- Malayalam / Hindi/ French
- Animal Diversity Non-Chordata
- Basic theoretical and Analytical Chemistry
- Cryptogams, Gymnosperms and Plant Pathology.

**Second Semester**

- Issues that Matter
- Savouring the Classics.
- Malayalam / Hindi/ French
- Animal Diversity – Chordata (Theory and Practical)
- Basic organic chemistry (Theory and Practical)
- Plant Physiology (Theory and Practical).

**Third Semester**

- Literature and /as Identity.
- Malayalam / Hindi/ French
- Comparative anatomy of vertebrates
- Inorganic and organic chemistry
- Angiosperm taxonomy and economic botany

**Fourth Semester**

- Illuminations
- Malayalam / Hindi/ French
- Research methodology, biophysics and biostatistics
- Advanced bio-organic chemistry
- Anatomy and applied botany

**Fifth Semester**

- Environmental Biology and Human Rights
- Cell Biology and Genetics.
- Evolution, Ethology and Zoogeography.
- Physiology, Biochemistry and Endocrinology.
- Open Course

**Sixth Semester**

- Developmental Biology
- Microbiology and Immunology
- Biotechnology, Bioinformatics and Molecular Biology
- Occupational Zoology
- Nutrition, Health & Life Style management
- Project

**Collaborations**

Students are encouraged to do field-based projects in animal diversity and ecology studies in collaboration with state and National Institutes like KFRI, Thattekkad Bird Sanctuary, Kannur Kandal Project, Wildlife Trust of India etc.

The Department is associated with Cashew Export Promotion Council of India, Unibiosys Biotech Research Labs and Camrit Biosolutions.

## Eligibility for Admission

Academic eligibility should be satisfied as on the last date of submission of academic data. In the case of candidates who have passed examinations of other Boards/Institutes/Governments, except CBSE/CISCE, they shall be admitted only if these examinations have been declared equivalent to the qualifying examinations of MG University.

***If an applicant for admission is found to have indulged in ragging in the past or if it is noticed later that he/she had indulged in ragging, admissions shall be denied or he/she shall be expelled from the college. Candidate possessing a good Conduct Certificate will only be admitted.***

No candidate shall be admitted to the degree programme unless he/she possess the qualifications and minimum requirements thereof.

There is no age limit for applying to various UG programmes conducted in college.

## Programmes of Study

The following are the Programmes of study offered in the college and the stipulated eligibility criteria for admission to each of the Programmes. Candidates are asked to read the eligibility criteria carefully before completing the application form.

### Three year UG Programme under Choice Based Course Credit System

#### A. Bachelor of Arts

No	Course	Complementary
1	B.A. Economics (Model I)	History & Political Science
2	B.A. English (Model I)	Politics & Evolution of Literary Movements
3	B.A. English Literature, Communication and Journalism (Triple Main) (SF) (Model III)	

**Eligibility:** Admission to all B. A. Degree Programme under the faculties of Language & Literature and Social Sciences shall be open only to candidates who have passed Plus Two or equivalent examination or an examination recognized by Mahatma Gandhi University, Kottayam as equivalent thereto.

#### B. Bachelor of Commerce

No	Course	Complementary
1	B.Com. Finance and Taxation (Model I)	Banking & Insurance Principles of Business Decisions
2	B.Com. Finance and Taxation (SF) (Model I)	
3	B.Com. Computer Application Taxation (SF) (Model I)	
4	B. Com. Co-operation (SF) (Model I)	

**Eligibility:** Admission to the B.Com Degree Programmes shall be open only to candidates who have passed the Plus Two or equivalent examination recognized by M G University, Kottayam with Book-Keeping and Accountancy and any two of the following subjects, viz., (1) Commerce (2) Commercial Correspondence and Commercial Geography (3) Economics (4) Life Insurance with Salesmanship (5) Banking with Secretarial Practice (6) Business Studies (7) Mathematics (8) Computer Science/ Computer applications (9) Informatics Practice & Management, (10) Informatics Practice, (11) Management, (12) Accountancy as optional under Part III of the Examination.

OR

Have passed Plus Two or equivalent examination recognized by M G University, Kottayam with other subjects under Part III optional subjects, provided they have secured 45% of the aggregate marks.

**Relaxation of Marks:**

For SC/ST applicants and ST applicants of Lakshadweep, only a pass minimum is required and for SEBC and OEC applicants 3% and 5% relaxation of marks respectively are allowed.

**C. Bachelor of Science**

No	Course	Complementary
1	B.Sc. Mathematics (Model I)	Statistics & Physics

**Eligibility :** Candidates shall be required to have passed the Plus Two/equivalent examination with Mathematics as one of the optional subjects or Mathematics as one of the subjects in Commerce group.

No	Course	Complementary
2	B.Sc. Physics (Model I)	Mathematics & Chemistry

**Eligibility :** Candidates shall be required to have passed the Plus Two/equivalent examination with Physics as one of the optional subjects at Plus Two level.

3	B.Sc. Chemistry (Model I)	Mathematics & Physics
4	B.Sc. Industrial Chemistry (Model II)	Mathematics & Industrial Chemistry

**Eligibility :** Candidates shall be required to have passed the Plus Two/equivalent examination with Chemistry as one of the optional subjects at Plus Two level.

5	B.Sc. Botany (Model I)	Chemistry & Zoology
6	B.Sc. Zoology (Model I)	Chemistry & Botany
7	B.Sc. Aquaculture (Model I)	Biochemistry & Zoology
8	B.Sc. Industrial Fisheries (SF)	Biochemistry & Zoology

**Eligibility :** Candidates shall be required to have passed Plus Two/equivalent examination with Biology, as one of the optional subjects, at Plus Two level.

9	B.Sc. Computer Science (SF)	Mathematics & Electronics
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**Eligibility :** Candidates shall be required to have passed the Plus Two/equivalent examination with Physics, Chemistry and Mathematics.

**D. Bachelor of Vocational Studies**

No	Course	General Component	Skill Component
1.	B.Voc. Renewable Energy (SF)	Mathematics, Physics & Chemistry	Renewable Energy

**Eligibility :** Candidates should have passed the Plus Two/equivalent examination with Physics as one of the optional subjects at Plus Two level.

No	Course	General Component	Skill Component
2.	B.Voc. Logistics Management (SF)	Mathematics, Statistics, IT & Entrepreneurship Development	Logistics Management

3.	B.Voc. Retail Management (SF)	Mathematics, Statistics, IT & Marketing	Retail Management
4.	B.Voc. Travel and Tourism (SF)	Mathematics, Economics & IT	Travel and Tourism
5.	B.Voc. Fitness Management and Personal Training (SF)	Entrepreneurship Development & Health	Fitness Management
6.	B.Voc. Professional Accounting and Taxation (SF)	Mathematics, Finance & Entrepreneurship	Professional Accounting
7.	B. Voc. Journalism and Mass Communication (SF)	English	Journalism & mass Communication
8.	B. Voc. Medical and Psychiatric Social Work (SF)	Psychology & Social Work	Counselling

**Eligibility :** Candidates shall be required to have passed the Plus Two /equivalent examination recognized by the Mahatma Gandhi University, Kottayam

No	Course	General Component	Skill Component
9.	B. Voc. Sports Nutrition and Physiotherapy (SF)	Anatomy & Physiology	Nutrition & Physiotherapy

**Eligibility :** Candidates shall be required to have passed the Plus Two / equivalent examination with any Science subject, as one of the optional subjects, at Plus Two level.

No	Course	General Component	Skill Component
10.	B. Voc. Commercial Aquaculture (SF)	Environmental Studies & Business Entrepreneurship	Aquaculture & Fish Processing
11.	B.Voc. Fish Post Harvest Technology and Management (SF)	Environmental Studies & Business Entrepreneurship	Aquaculture & Fish Processing

**Eligibility :** Candidates shall be required to have passed Plus Two or equivalent examination with Biology, as one of the optional subjects, at Plus Two level.

No	Course	General Component	Skill Component
12.	B.Voc. Software Development (SF)	Linux, Entrepreneurship, Business Ethics & Testing	Software Development

**Eligibility :** Candidates shall be required to have passed the Plus Two/equivalent examination recognized by the Mahatma Gandhi University, Kottayam with Mathematics/Computer Science/Information Technology/Information Practice as optional subjects.

#### **E. Bachelor of Business Administration/Management**

No	Course	Complementary
1	B.B.A. (SF)	Business Mathematics & Business Statistics
2	B.B.M. (SF)	Business Mathematics & Business Statistics

**Eligibility :** Candidate shall be required to have passed Plus Two or equivalent examination or an examination recognized as equivalent thereto by Mahatma Gandhi University, Kottayam

**F. Master of Science**

No	Course	Complementary
1.	Integrated M.Sc.in Basic Sciences – Statistics	Mathematics & Computer Science

**Eligibility :** Candidates shall be required to have passed the Plus Two/equivalent examination with Mathematics as one of the optional subjects in Science group.

**Seat Classification****Aided Stream**

Seats available in the college under aided streams are mainly classified as Merit seats [80%] (General Quota seats and Seats earmarked for Latin Community, SC/ST candidates) and Management seats [20%].

Category	Percentage
General Merit	40%
SC/ST	15%/5%
Latin Community	20%
Management	20%

**Self-financing Stream**

Details of seats available under the self-finance stream

Category	Percentage
General Merit	50%
Management	50%

**Distribution of 50% seats ear marked under Merit category**

Category	Percentage
Open Quota	65%
Scheduled Caste	8%
Scheduled Tribe	2%
Ezhava, Thiyya & Billava	9%

Category	Percentage
Muslims	8%
Other Backward Christians	1%
Latin Catholics other than Anglo Indians	2%
Other Backward Hindus	5%

**Types of Reservation**

**St. Albert's College (Autonomous), Ernakulam provides reservation of seats for the following categories.**

- i. Reservation for International Students
- ii. Reservation for nominees
- iii. Reservation for Persons with Disabilities
- iv. Reservation of Seats for Malayalee students from Andaman & Nicobar Islands
- v. Reservation for Transgender candidates
- vi. Special Reservation and
- vii. Mandatory Reservation

**i. Reservation for International Students**

10% additional seats shall be reserved for all Programmes in St. Albert's College (Autonomous) over and above the sanctioned strength and will be added to the total merit seats exclusively for the purpose of accommodating international students. The students who seek admission in this category should contact the Dean, International Affairs (ia@alberts.edu.in)

**ii. Reservation for Nominees:**

An additional seat for each programme shall be created exclusively for the purpose of accommodating students sponsored by the Union Territory of Lakshadweep. (U.O. No. Ac.AI/3/2761/06 dated 20.7.2006).

**iii. Reservation for Persons with Disabilities (PWD)**

- 5% seats of the sanctioned strength shall be created over and above in St. Albert's College (Autonomous) exclusively for candidates with benchmark disability (as per clause 32 (I) of chapter VI, The Rights of Persons with Disabilities Act, 2016). If candidates are not available in a particular category, the seats shall not be filled from any other categories.
- 'Person with disability' means a person suffering from not less than 40% of any disability as certified by a Medical Board constituted for this purpose. Candidates who have a minimum of 40% disability alone will be eligible for this quota. A relaxation of 5% of marks in the qualifying examination from the prescribed minimum is allowed.
- Candidates seeking admission under Differently Abled category should submit the "Certificate of disability", issued not earlier than 5 years prior to the submission of application, by the District Medical Board or bodies of higher status, certifying the degree of percentage of disability. The Permanent Disability Card issued by the State Government is also considered. The permanent disability card has a lifelong validity when issued to a disabled person - above the age of 18 years. For disabled children below 18 years of age, the card is required to be updated once in every five years. Based on the details furnished in the online application, candidates will be provisionally included under the "Differently Abled" category.
- Candidates seeking admission under PD category should upload with their application form, an attested copy of the 'Certificate of disability' issued by a District Medical Board or bodies of higher status, certifying the degree or percentage of disability.

**The selection of candidates under this category will be based on the rank in the inter-se-merit list and not on the basis of the Degree of disability.**

**No reservation of seats is allowed for Blind candidates for Programmes which come under the Faculties of Science/Technology & Applied Sciences.**

**iv. Reservation of Seats for Malayalee students from Andaman & Nicobar Islands:**

An additional seat for each programme shall be created exclusively for the purpose of Malayalee students from Andaman & Nicobar Islands. This seat shall not be filled up by other candidates (U.O. No. 6199/AI/2016/Acad dated 23.11.2016). Such applicants should apply online.

**v. Reservation for Transgender candidates**

Two seats shall be created over and above the sanctioned strength in all Programmes in affiliated Arts & Science Colleges exclusively for admitting Transgender students. (G.O.(Ms)No.153/2018 HEdn dated 03.07.2018).

**vi. Special Reservation:**

The seats reserved under **Sports Quota** and **Cultural Quota** come under this category. Such students should apply online.

**Sports Quota:**

Two seats in each programme shall be reserved for candidates with outstanding records in Sports & Games . However, not more than 20% of seats reserved for the general quota seats of a particular programme shall be filled for sports quota when applying interchange ability for a particular programme.

**The applicant for admission to the sports quota should have won a minimum of Third position (Bronze Medal) in the school sub district competition (inter -School) in addition to satisfying the academic eligibility.**

Only the events which are having intercollegiate competitions in Mahatma Gandhi University will be considered for admission.

**Age Limit : Upper age limit for applying through Sports quota is 25 years.**

The following guidelines shall be followed in determining merit in sports for admission to the UG Programmes. Marks shall be awarded for the Sports merit certificates as detailed in the appended Table.

- A. The minimum eligibility for admission of a candidate to Under Graduate Programme (Sports Quota) will be the winning a minimum of third position in the school sub district competition (inter -School) in addition to his /her satisfying the academic eligibility.
- B. Performance in any year during the Plus Two Programme will be taken into consideration.

### Points For Various Categories

No	Item	Points
1	Representing India in approved world Championships/Olympics and winning Gold Medal	250
2	Representing India in approved world Championships/Olympics and winning Silver Medal	245
3	Representing India in approved world Championships/Olympics and winning Bronze Medal	240
4	Representing India in approved world Championships/Olympics	235
5	Representing India in Commonwealth games/ Asian Games/Asian Championship etc. and Winning Gold medal	230
6	Representing India in Commonwealth games/ Asian Games/Asian Championship etc. and Winning Silver medal	225
7	Representing India in Commonwealth games/ Asian Games/Asian Championship etc. and Winning Bronze medal	220
8	Representing India in Commonwealth games/ Asian Games/Asian Championship etc.	215
9	Representing India in World School Games/ World University games and winning a Gold medal	210
10	Representing India in World School Games/ World University games and winning a Silver medall	205
11	Representing India in World School Games/ World University games and winning a Bronze medal	200
12	Representing India in World School Games/ World University games	195
13	Representing India in Regional Championship such as SAF Games and winning a Gold medal	190
14	Representing India in Regional Championship such as SAF Games and winning a Silver medal	185
15	Representing India in Regional Championship such as SAF Games and winning a Bronze medal	180
16	Representing India in Regional Championship such as SAF Games	175
17	Representing Kerala State in National Championship for Senior /Junior/Youth and Winning Gold medal	170

18	Representing Kerala State in National Championship for Senior /Junior/Youth and Winning Silver medal	165
19	Representing Kerala State in National Championship for Senior /Junior/Youth and Winning Bronze Medal	160
20	Representing Kerala State in National Championship for Senior /Junior/Youth Championship	155
21	Representing a University in All India / South Zone Inter University Competition and Winning a Gold Medal	150
22	Representing a University in All India / South Zone Inter University Competition and Winning a Silver Medal	145
23	Representing a University in All India / South Zone Inter University Competition and Winning a Bronze Medal	140
24	Representing Kerala State/ Combined CBSE/ICSE/Jawahar Navodaya /Kendriya Vidyalaya Team in All India School Games (SGFI) and Winning a Gold Medal	135
25	Representing Kerala State/ Combined CBSE/ICSE/Jawahar Navodaya /Kendriya Vidyalaya Team in All India School Games (SGFI) and Winning a Silver Medal	130
26	Representing Kerala State/ Combined CBSE/ICSE/ Jawahar Navodaya /KendriyaVidyalaya Team in All India School Games (SGFI) and Winning a Bronze Medal	125
27	Representing Kerala State in South Zone Championship for Senior/Junior/Youth and Winning Gold Medal	120
28	Representing Kerala State in South Zone Championship for Senior/Junior/Youth and Winning Silver Medal	115
29	Representing Kerala State in South Zone Championship for Senior/Junior/Youth and Winning Bronze Medal	110
30	Representing Kerala State in South Zone Championship for Senior/Junior Youth	105
31	Representing University in All India / South Zone Inter University Championship	100
32	Representing combined (All India ) Jawahar Navodaya, KendriyaVidyalaya/CBSE/ICSE/team at the National School Games (SGFI participation)	95
33	Representing State in all India Rural Sports/ Women's Sports and Winning a Gold Medal	90
34	Representing State in all India Rural Sports/ Women's Sports and Winning a Silver Medal	85
35	Representing State in all India Rural Sports/ Women's Sports and Winning a Bronze Medal	80
36	Representing Kerala State in All India Rural Sports/Women's Sports	75
37	Representing District in Inter- District Championship for Seniors /Juniors/Youth and Winning a Gold medal	70
38	Representing District in Inter- District Championship for Seniors/Juniors/youth and Winning a Silver Medal	65
39	Representing District in Inter- District Championship for Seniors /Juniors/youth and Winning a Bronze Medal	60
40	Representing District in Inter- District Championship for Seniors /Juniors/Youth /Students selected for KSSC Sports Hostel Scheme	55

41	Representing a College in the Inter Collegiate championship and Winning a Gold Medal	45
42	Representing a College in the Inter Collegiate championship and Winning a Silver Medal	40
43	Representing a College in the Inter Collegiate championship and Winning a Bronze Medal	35
44	Representing the Zone/ Revenue District in the Kerala State School Championship and Winning Gold Medal	30
45	Representing the Zone/ Revenue District in the Kerala State School Championship and Winning silver Medal	28
46	Representing the Zone/ Revenue District in the Kerala State School Championship and Winning Bronze Medal	26
47	Representing a College in the Inter Collegiate	24
48	Representing the Zone/ Revenue District /Sports School/Sports Hostel/ School in the Kerala State School Championship	22
49	Winning a Gold Medal in the National Level (Inter- State/Inter-Region) Championship of the CBSE/ICSE/ISC/Jawahar Navodaya/KendriyaVidyalaya Competitions/ Revenue District competition for senior/ Junior/ Youth School Games	20
50	Winning a Silver Medal in the National Level (Inter- State/Inter-Region ) Championship of the CBSE/ICSE/ISC/Jawahar Navodaya/KendriyaVidyalaya Competitions/Revenue District competition for senior/ Junior/ Youth School Games	18
51	Winning a Bronze Medal in the National Level (Inter- State/Inter-Region ) Championship of the CBSE/ICSE/ISC/Jawahar Navodaya/KendriyaVidyalaya Competitions/Revenue District competition for senior/ Junior/ Youth SchoolGames	16
52	Representing the CBSE/ICSE/ISC/Jawahar Navodaya/ Kendriya Vidyalaya in the National Level (Inter- State/Inter- Region) Championship/Revenue District competition for senior/ Junior/ Youth School Games	14
53	Winning Gold in the Sub- District Championship For Senior/Junior/Youth/School Games	10
54	Winning Silver in the Sub- District Championship For Senior/Junior/Youth/School Games	08
55	Winning Bronze in the Sub- District Championship For Senior/Junior/Youth/School Games	05

## Addendum

1. Achievements in those sports disciplines/events in MG University Sports calendar shall only be considered for UG Sports quota admissions.
2. An approved world competition means the competitions organized by the International Apex Bodies of the concerned discipline and in which the national Teams are sponsored by the National Apex Bodies and cleared by Sports Authority of India/ Government of India.
3. The National Championship means the championships conducted by the National Apex Bodies of the concerned discipline. District Competition means revenue district competition conducted by district associations in respective sports.
4. Individual games /event means a game/event in which an individual performs alone.
5. When a candidates has number of achievement in a sports /different discipline, his/ her best achievement will be taken in to consideration.

6. All competitions where an upper age limit is fixed (Youth/Junior/Sub-Junior) would be treated as junior event provided it is not classified as senior event by the concerned National Federation.
7. Priority will be given for students having achievements in senior level competitions than junior and youth category competitions.
8. Resolving of Tie :  
If the points of more candidates happen to be the same, then for breaking the 'tie', the following criteria shall be followed one after another in the order given below:
  - A person can score points only in one category.
  - The highest score will be counted
  - Where bracketed, scores in other categories will be counted
  - Where still bracketed, priority will be given in the order of merit i.e.; 1st, 2nd, and 3rd place respectively.
  - Those with more number of achievements in the same level will be placed above the others (more number of 1st places, more number of 2nd places and so on).
  - Individual achievements will be ranked above team achievements.
  - A new record is created; he/she will be given priority.
  - If the tie could not be resolved by any of the above mentioned sports achievements, the index marks based on the qualifying examination shall be considered for breaking the tie.
9. Performance in any year during the Plus One/Plus Two level will be taken into consideration.
10. **The students admitted in Sports quota shall mandatorily be available to represent the University in the Inter University competitions unless specifically exempted by the Vice-Chancellor/Director of Physical Education, Mahatma Gandhi University.**
11. **For team events, Colleges should upload the events they wish to choose in the beginning of each academic year.**
12. If any discrepancy is noted during the verification of original certificates, the candidate shall not be considered for admission under sports quota.

## Cultural Quota

One seat for each degree programme shall be reserved for students who excel in Youth festivals recognised by Director of Public Instruction (DPI). However, not more than 10% of seats reserved for the general quota seats shall be filled for cultural quota when applying interchangeability for a particular programme. The students who seek admission in this category should apply online.

*The selection shall be made from among the applicants for the cultural quota on merit as detailed below:*

Level	Points of Participation		
	A	B	C
Kerala School Kalolsavam	20	10	5
Revenue District Level Youth Festival	10	5	-

- A person can score points only in one category
- The highest score will be counted
- Where bracketed, scores in other categories will be counted

**Admissions for Sports, Cultural and PD Quotas will start as per the stipulated date and time in the admission schedule. After 11.00am on that day the vacant seats in these quotas will be converted to General Quota.**

## Claims for Mandatory Reservation and Certificates to be produced

Claims for Mandatory Reservations must be made by a candidate at the time of online submission of application. The claims for mandatory reservation once made in the Application form cannot be altered by the candidate under any circumstances.

Candidates belonging to Ezhava, Muslim, Other backward Hindus, Latin Catholic other than Anglo Indians and Other backward Christian communities, claiming reservation under SEBC Quota should invariably produce both '**Community**' and '**Income Certificates/non-creamy layer** certificate obtained from the Village Officer concerned. The self-attested copy and the original of the above certificates should be submitted during the time of admission. Candidates who belong to the non-creamy layer are eligible for reservation.

Claims for Reservation under Kerala Scheduled Castes/Scheduled Tribes Quota: Candidates claiming reservation under Kerala Scheduled Castes/Scheduled Tribes Quota should obtain caste/community certificate from the Village offices concerned.

**Other General Rules for Mandatory Reservation:** The seats which are not availed by the SC candidates will go to ST candidates and vice versa. The vacant seats reserved for SC/ST will be re-notified twice through print media and two special allotments will be conducted exclusively for filling up vacant seats of SC/ST candidates. If such seats are remain vacant even after re-notification, the unfilled seats will be filled on the basis of merit as per the rank list of the Latin community.

## Rank List

The Rank List shall be prepared on the basis of marks arrived at according to the following conditions:

### Handicap Marks

A handicap of Five marks for every successive attempt after the first attempt subject to a maximum of twenty marks will be deducted from the total marks in the case of those who have taken two or more chances to complete the examination. The number of chances means the number of chances taken for passing any part of the qualifying examination after the prescribed programme period. Appearance for improvement of marks shall not be considered as an additional chance.

No handicap marks for SAY pass outs will be imposed if admitted in the same academic year but five marks shall be deducted if he/she is ranked in the admission list of the succeeding year. Candidates who have passed the qualifying examination under SAY scheme or such supplementary scheme are eligible to apply for First Year programme in the same academic year, but they have to produce the mark lists on or before the closing date of admission.

### Resolving of tie

If the index marks of two or more candidates happen to be the same, then for breaking the 'tie', the following criteria shall be followed one after another in the order given below:

- The candidate who has scored higher marks in the concerned elective subject shall be placed senior in the rank list. For B.Com Programme, Business Studies (Commerce) shall be considered as the elective subject.

- The candidate who has scored higher marks for part III subjects (or the subjects other than languages, if part is not specified) taken together shall be placed senior in the rank list.
  - The candidate who has scored higher marks in part I (English if part is not specified) shall be placed senior in the rank list.
  - The candidate who has scored higher marks in part II (second language if part is not specified) shall be placed senior in the rank list.
  - By giving residential weightage (at district/state levels)
  - Preference shall be given to candidates who are elder, and the age difference shall be calculated in completed years only, rounding down fractions (as candidates having difference in age less than one year happen to be admitted in the same class).
- ***Second languages will be allotted at the time of admission by the college based on the preference of the candidate and availability without incurring any additional financial commitment on the part of the Government / College and without any change in the existing staff pattern of the department concerned.***

## Bonus Marks

### ***The Bonus Marks will be awarded as follows:***

1. Bonus of 15 marks shall be awarded to applicants with NCC or NSS Certificates at '**Plus Two Level**' for admission to all programmes. In respect of NCC candidates, the bonus marks will be awarded on the basis of NCC Certificates signed by the Director and issued by the Directorate of NCC to candidates who have secured at least 75% attendance after having participated in its activities during the programme of study **immediately preceding the programme for which admission is sought.** *An additional bonus mark of 5 to 'B' Certificate holders in proof of their high proficiency.*
2. In respect of NSS candidates, bonus marks will be awarded on the basis of NSS Certificates issued by the competent authority.
3. Bonus of 15 marks shall be awarded to the Ex-servicemen applicants and widows and children of Jawans and Ex-servicemen seeking admission to the Degree Programme. Applicants to this category should invariably produce along with the application form an attested copy of certificate issued not earlier than six months from the last date of submission of application from the military authorities or state/Zilla Sainik Welfare Officer to the effect that he/she is the son/daughter of an ex-service man or an ex service man himself/herself.

The benefit of bonus marks can be scored by a candidate only under one category i.e., either NSS or NCC.

Bonus marks shall be added only if the candidate has obtained the prescribed minimum qualifying marks in the qualifying examination while calculating the index marks.

Handicap Marks shall not be deemed as marks awarded for physical/mental disability of any kind of the applicant concerned. Handicap mark is the mark deducted from the marks of an applicant on account of acquiring the eligible qualifications in subsequent chances following the regular chance in which he or she ought to have acquired the eligible qualification.

## Indexing of Marks

### FACULTY OF LANGUAGE & LITERATURE

B.A. English	Total marks obtained in the qualifying examination less handicap marks <b>plus</b> twice the marks secured in Part I English of the Plus Two/equivalent examination <b>plus</b> weightage of 50 marks to those who have taken English as one of the optional for the qualifying exam
B.A. English Literature, Communication and Journalism(Triple Main)	<b>plus</b> bonus marks if any.* <b>Total marks obtained in the qualifying examination - handicap marks+(2x Part I English Marks) + 50(If English is an optional) + Bonus Mark if any.</b>

### FACULTY OF SOCIAL SCIENCE

B.A. Economics	Total marks obtained in the qualifying examination less handicap marks <b>plus</b> the marks obtained for optional concerned at the qualifying examination <b>plus</b> a subject weightage of 50 marks in the case of those who have taken the subject(Economics) at the qualifying examination <b>plus</b> bonus marks if any.* <b>Total marks obtained in the qualifying examination - handicap marks + Mark scored for Economics + 50 (If Economics is an optional) + Bonus Mark if any.</b>
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### FACULTY OF SCIENCE

Integrated M.Sc. Programme in Basic Sciences – Statistics	Total marks obtained in Part III of the qualifying examination less handicap marks <b>plus</b> marks obtained for Mathematics <b>plus</b> bonus marks if any. * <b>Total marks obtained in the Part III - handicap marks + Marks scored for Mathematics + Bonus Mark if any</b>
All B.Sc. Programmes other than B.Sc. Computer Science	Total marks obtained in Part III of the qualifying examination less handicap marks <b>plus</b> marks obtained for the particular subject concerned for which admission is sought <b>plus</b> bonus marks if any. * <b>Total marks obtained in the Part III - handicap marks + Particular Subject Mark + Bonus Mark if any</b>
B.Sc. Computer Science	Total marks obtained in Part III less handicap marks <b>plus</b> marks obtained for Mathematics/ Computer Science(best of two) <b>plus</b> bonus marks if any.* <b>Total marks obtained in Part III - handicap marks + Marks scored for Mathematics or Computer Science Mark (Best of two)+ Bonus Mark if any</b>
B.Voc. Software Development	Total marks obtained in Part III of the qualifying examination less handicap marks <b>plus</b> marks obtained for Mathematics <b>plus</b> bonus marks if any. * <b>Total marks obtained in the Part III - handicap marks + Marks scored for Mathematics + Bonus Mark if any</b>

B.Voc. Renewable Energy	Total marks obtained in Part III of the qualifying examination less handicap marks <b>plus</b> marks obtained for Physics <b>plus</b> bonus marks if any.* <b>Total marks obtained in the Part III – handicap marks + Marks scored for Physics + Bonus Mark if any</b>
B.Voc. Commercial Aquaculture	Total marks obtained in Part III of the qualifying examination less handicap marks <b>plus</b> marks obtained for Biology <b>plus</b> bonus marks if any. *
B.Voc. Fish Post Harvest Technology and Management	<b>Total marks obtained in the Part III – handicap marks + Marks scored for Biology + Bonus Mark if any</b>

## FACULTY OF MANAGEMENT SCIENCES

B.B.A.	Marks obtained in Part III of qualifying examination less handicap marks <b>plus</b> bonus marks if any with 50% Quota for Arts and Commerce Group and 50% Quota for Science Group and if not filled up from one Quota the rest can be filled from other Quota. *
B.B.M.	<b>Total marks obtained in Part III - handicap marks + Bonus Mark if any</b>
B.Voc. Logistics Management	<b>Total marks obtained in Part III - handicap marks + Bonus Mark if any</b>
B. Voc. Retail Management	
B. Voc. Travel and Tourism	
B.Voc. Fitness Management and Personal Trainer	
B.Voc. Professional Accounting and Taxation	
B. Voc. Journalism and Mass Communication	
B. Voc. Medical and Psychiatric Social Work	
B. Voc. Sports Nutrition and Physiotherapy	

## FACULTY OF COMMERCE

## B.Com.

Marks obtained in Part III Optional at Plus two/equivalent exam less handicap marks **plus** a weightage of 50 marks in each of the three subjects of Commerce combination subject to a maximum of 150 marks **plus** bonus marks if any.

The optional subjects concerned under Part III will be Commerce, Commercial Correspondence and Commercial Geography, Accountancy, Book-Keeping and Accountancy, Economics, Life Insurance and Salesmanship, Banking with Secretarial Practice, Business Studies, Mathematics, Computer Science/Computer Application, Informatics Practice & Management. \*

**Total marks obtained in Part III - handicap marks + 50(for each optional subject of Commerce not exceeding 150) + Bonus Mark if any**

**\* Marks obtained for the subjects in other streams (CBSE, CISCE, etc.) shall be standardized to that of Kerala Higher Secondary i.e. 200 marks per paper (200marks × 6 = 1200 i.e., total marks). Index marks shall be calculated as mentioned above, but the marks obtained for vocational subjects in VHSE/THSE, etc. are to be excluded while calculating index marks.**

## Procedure

### Albertian Online Admission Process (AOAP)

The applicants need to submit only one online application form while applying to all the UG Degree Programmes in the college whether in the General/ SC-ST/ Community/ Management/ Sports/ Cultural/ Lakshadweep and Persons with Disabilities (PD) quota (The relevant quota must be selected). If a candidate submits more than one application his/her candidature is liable to be cancelled. Submission of application i.e. registration of personal and academic data as well as options for programme shall be done online. Before submitting the application form, candidates are advised to verify the details of the academic programme in the college through the college website **www.alberts.edu.in**, in addition to the information given in the prospectus published by the College. Before selecting a programme the applicant should make certain that he/she possesses the prescribed qualification/eligibility for applying for the programme.

The original certificates should be submitted to the college at the time of admission.

**Students seeking admission to St. Albert's College (Autonomous) should apply online through the Albertian Online Admission Portal (AOAP)**

**www.alberts.edu.in**

Applicants can view/download a copy of the prospectus from the website. The step by step procedure for applying online is given in the website as well. In all the subsequent enquiries regarding admission, applicants are requested to mention the Albertian Online Admission Portal (AOAP) Number allotted to them at the time of online registration.

## Application Procedure

Application procedure consists of two parts:

**Part – 1 : Registration of Candidate (Personal Details and payment of application fee)**

**Part – 2 : Submission of Application (Entering Academic Details)**

## Part – 1: Registration of Candidate (Personal Details)

1. Register online through [www.alberts.edu.in](http://www.alberts.edu.in) and fill in the applicant's personal details.
2. Make a note of the username (email) and password which will be generated on successful registration of the form. The password should NOT be revealed to others who may misuse it. St. Albert's College (Autonomous) will not be responsible for any such eventuality. The user name and password of the applicant will be send to their registered Email ID.
3. The application fee can be remitted in either of the four methods:

***The application fee is Rs. 200/-***

### 3.1 Challan

Generate a Challan print out (A4 – Landscape print). The Challan bears an "Email" and an "Application number". The application number and the email will have to be remembered by the candidate for all future online and offline operations. Remit the required fee along with the challan printout at the nearest SIB (South Indian Bank) branch. Collect the Challan copy bearing the seal from bank (Student copy and College copy). The confirmation of payment may take 2 working days.

### 3.2 Virtual Account Number

If payment has to be done through NEFT or at any other Bank take a printout of the virtual account number and remit the fee to the given Account Number. The confirmation of payment may take 2 working days.

### 3.3 Net Banking

If the applicant is an existing South Indian Bank (SIB) account holder, he/she can remit the fees through the net banking facility provided. The confirmation of payment is immediate and the rest of the application process can be continued.

### 3.4 Payment Gateway

For payment through credit/ debit / net-banking through any other bank, the payment gateway is used. The confirmation of payment is immediate and the rest of the application process can be continued.

## Part – 2 : Submission of Application (Entering Academic Details)

4. Once the registration is complete, the candidate can login to complete the application procedure. All fields have to be filled to complete the application. The Programmes selected must be at par with the eligibility criteria. If a candidate has opted for a course for which he/she is not eligible, he/she will not be considered for admissions, even if his/her name is reflected in the provisional rank-list. After submitting the application, further modification of data is not possible. Hence, double check that all entries are made correctly before clicking final submission button.
5. The application submission will be successfully completed only when you get a confirmation page from Albertian Online Admission Portal.
6. Click on the Profile link / Go to the login panel in Albertian Online Admission Portal and use the Email-Id as user-name and the password generated in order to refer to the details. In case the applicant forgets the password, an option for Lost Password is available just below the login panel. By logging-in, you can view your application, choices with the index marks in the 'profile page'.
7. Applicants are requested to view the published provisional rank list of the respective subjects online on the given date.
8. No individual memo card will be sent to the candidates regarding the rank / chances.
9. The management and community quotas will be automatically selected for applicants who select Latin as their community, however they have an option to opt out of it before submitting the application.

**Click here to watch a short demonstration of the application procedure**

**<https://youtu.be/OajYZWVTiEo>**

***The rank-list and admission dates will be published online only.***

***Online registration fee once remitted will not be refunded under any circumstances.***

**Please Note: The applicants are NOT required to submit the printed application form at the college office. But those applicants who have applied for the PD, Cultural, Sports and Management quota SHOULD SUBMIT supporting documents on or before the given date at the college office. Management quota applicants ( Latin catholics only) have**

to download from the college website a certificate to be attested by the Parish Priest after completing second step in application procedure. They should submit this certificate after getting it attested by Parish Priest. Admission is based strictly on merit. Donation, bribing or recommendation will be considered as disqualification of the candidate and will not be entertained under any circumstances.

## Fee Structure

Fee includes Tuition Fee, Special Fee to be remitted to the University/Government, Caution Deposit and other fees as per the Government/UGC/Mahatma Gandhi University guidelines.

Fee concession will be available for eligible candidates (SC/ST/OEC/OBC(H)/FMC/OBC/GENERAL) as per the existing government norms on producing community/income certificate from competent authority such as village officer, tahsildar. Fee concession will be available for eligible SC/ST/OEC candidates who are admitted in the merit seat of the self-financing Programmes. Income limit (excluding SC/ST/OEC/FMC): Degree- Rs.1, 00,000/ or below per annum

### Fee Structure (Updated on 06.07.2022)

Course & Year	Semester	Tuition Fee	Special fee	University Fee	CD	College Fee	Add on Course Fees	Total
BA ECONOMICS	Year I	1105	1060	903	360	4150	1000	8578
BA English	YEAR I	1105	1060	903	360	4150	1000	8578
B COM	YEAR I	1105	1060	903	360	4150	1000	8578
B SC MATHEMATICS	YEAR I	1105	1230	903	360	4150	1000	8748
B SC PHYSICS	YEAR I	1105	1510	903	360	4150	1000	9028
B SC CHEMISTRY	YEAR I	1105	1510	903	360	4150	1000	9028
B SC INDUSTRIAL CHEMISTRY	YEAR I	1105	1510	903	360	4150	1000	9028
B SC BOTANY	YEAR I	1105	1675	903	360	4150	1000	9193
BSC ZOOLOGY	YEAR I	1105	1675	903	360	4150	1000	9193
B SC AQUACULTURE	YEAR I	1105	1675	903	360	4150	1000	9193
INTEGRATED STATISTICS	YEAR I	1105	1510	903	360	4150	1000	9028
BCOM FINANCE & TAXATION(SF)	I	13815	1120	903	500	150	1000	17488
	II	13815	1120	0	-	-	-	14935
B COM COMPUTER APPLICATION (SF)	I	14080	1120	903	500	150	1000	17753
	II	14080	1120	0	-	-	-	15200

BBA (SF)	I	14125	1120	903	500	150	1000	17798
	II	14125	1120	0	-	-	-	15245
B SC COMPUTER SCIENCE (SF)	I	19690	1120	903	500	150	1000	23363
	II	19690	1120	0	-	-	-	20810
B SC INDUSTRIAL FISHERIES (SF)	I	19475	1120	903	500	150	1000	23148
	II	19475	1120	0	-	-	-	20595
B COM COOPERATION (SF)	I	13815	1120	903	500	150	1000	17488
	II	13815	1120	0	-	-	-	14935
BA ENGLISH TRIPLE MAIN (SF)	I	12815	1120	903	500	150	1000	16488
	II	12815	1120	0	-	-	-	13935
B B M (SF)	I	13125	1120	903	500	150	1000	16798
	II	13125	1120	0	-	-	-	14245
B VOC LOGISTICS MANAGEMENT(SF)	I	13815	1120	903	500	150	1000	17488
	II	13815	1120	0	-	-	-	14935
B VOC RENEWABLE ENERGY(SF)	I	14710	1120	903	500	150	1000	18383
	II	14710	1120	0	-	-	-	15830
B VOC FITNESS MANAGEMENT(SF)	I	13125	1120	903	500	150	1000	16798
	II	13125	1120	0	-	-	-	14245
B VOC TRAVEL AND TOURISM(SF)	I	12815	1120	903	500	150	1000	16488
	II	12815	1120	0	-	-	-	13935
B VOC RETAIL MANAGEMENT(SF)	I	12815	1120	903	500	150	1000	16488
	II	12815	1120	0	-	-	-	13935
B VOC COMMERCIAL AQUACULTURE (SF)	I	13815	1120	903	500	150	1000	17488
	II	13815	1120	0	-	-	-	14935

B VOC PROFESSIONAL ACCOUNTING & TAXATION (SF)	I	13125	1120	903	500	150	1000	16798
	II	13125	1120	0	-	-	-	14245
B VOC SOFTWARE DEVELOPMENT (SF)	I	19635	1120	903	500	150	1000	23308
	II	19635	1120	0	-	-	-	20755
B VOC MEDICAL & PSYCHIATRIC SOCIAL WORK (SF)	I	13125	3120	903	500	150	1000	18798
	II	13125	3120	0	-	-	-	16245
B VOC FISH POST HARVEST TECHNOLOGY & MANAGEMENT (SF)	I	13815	1120	903	500	150	1000	17488
	II	13815	1120	0	-	-	-	14935
B VOC JOURNALISM & MASS COMMUNICATION (SF)	I	13125	1120	903	500	150	1000	16798
	II	13125	1120	0	-	-	-	14245
B VOC SPORTS NUTRITION & PHYSIOTHERAPY (SF)	I	13815	1120	903	500	150	1000	17488
	II	13815	1120	0	-	-	-	14935

**Note: The fees structure is subject to changes in line with the changes made by the Mahatma Gandhi University.**

## Admission Procedure

All applicants who seek admission to the college should report for the admission procedure at the college on the given date and time as per the provisional rank-list. Those who fail to do this will be treated as not interested and further claim for admission by these applicants will not be entertained. **Applicants are requested to remember the Albertian Online Admission Portal Number at the time of admission process.** The candidates should produce the following documents in original before the Principal/Head of the college/institution at the time of admission.

**Admissions for Sports, Cultural and PD Quotas will start as per the stipulated date and time in the admission schedule. After 11.00am on that day the vacant seats in these quotas will be converted to General Quota.**

### DOCUMENTS TO BE PRODUCED AT THE TIME OF INTERVIEW:

1. Mark-list (original) and two attested copies of S.S.L.C. & Plus two mark lists.
2. Transfer Certificate (TC) from the institution last attended (original).
3. Conduct Certificate from the Head of the institution last attended (original). The Conduct Certificate should not have been issued earlier than 6 months prior to the date of admission.
4. Certificates of extra-curricular activities (original) if any.

5. Income Certificate, if eligible for fee concession (original) The income certificate should not have been issued earlier than 12 months prior to the submission of application.
6. Community Certificate for eligible candidates (original) from village officer or Tahsildar.
7. One passport size student photo.
8. Attach necessary certificates, if applying under physically handicapped quota. Candidates migrating from outside Universities/ Boards, if selected, should produce the eligibility certificate from the Mahatma Gandhi University at the time of admission.

### Self-attested copy of the Online Mark list, in case the original mark list is not issued.

#### The students who get admission in the College will be subjected to the following procedure

1. Attending the Admission Process on the Stipulated Date and Time
2. Verification of the Original Documents
3. Claim for Concession (if applicable)
4. Signing up of the Declaration Forms
5. Issuance of Admittance Card
6. Confirmation of Admission by the Principal
7. Remittance of Fee
8. Enrollment into the College Register
9. Issue of Fee Receipt

#### Selection of Second Languages

##### Languages Available

1. Malayalam
2. Hindi
3. French\*

**\*Fees for the French Language is not included in the Programme Fee. Students who Select French should Pay Extra Fee fixed by the College.**

#### Admission Policies

As the provisional rank-list is based on the information furnished by the candidate online, the eligibility will be confirmed at the time of admission. The Admission Committee verifies the details furnished by comparing the same with the original documents produced by the candidate. Any discrepancy will result in the denial of admission.

#### Seat Allotment Protocol

The Admission will be on a hierarchical basis. The hierarchy of order is as follows:

1. **General Merit (GM)**
2. **SC/ST Merit**
3. **Community Merit**
4. **Management Quota**

#### Ragging - A crime

The Honorable Supreme Court of India has directed that if any incident of ragging comes to the notice of the authorities, the student concerned shall be given liberty to explain and if his explanation is not found satisfactory, he would be expelled from the institution.

#### Politics banned in St. Albert's College (Autonomous)

At the time of admission the applicant should give an undertaking that he /she won't participate in any type of political activity in and around the College Campus. If any incident comes to the notice of the authorities, the student will be expelled from the institution after the disciplinary procedure. This is in reference with the Court Verdict Banning Political Activities in the College campuses Judgement No.WA-535/2003 dated 26-05-2003 by the Honorable High Court of Kerala.

#### Hostel

Hostel Facility is provided only for Postgraduate male students (as per availability) and Civil Service Grooming Programme (CSGP) students in Pious X PG Hostel situated on the College Campus.

## Full Scholarship for Children of COVID 19 Victims

St Albert's College offers a 100 % Tuition fee Scholarship for students whose parent (the sole breadwinner) passed away due to the COVID 19 pandemic. This is an effort to support the families of COVID 19 victims.

### Regulations

1. The Scholarship is strictly limited to students of self-financing Programmes whose parent (the sole breadwinner) passed away due to COVID 19 and whose death has been certified by the State Government as a COVID death.
2. The present, as well as the newly admitted students of the academic year 2022-23, can avail of this Scholarship
3. The application for the Scholarship should be substantiated with genuine documents within the stipulated time in the prescribed format.
4. Any request for relaxation of the eligibility criteria will not be entertained.
5. There will be a complete waiver of Tuition Fees. However, the student must pay all the other fees.
6. The student must pay the fee at the beginning of the semester, which the College will reimburse as a Scholarship in the same semester itself.
7. The student should procure his/her admission through the standard admission procedure.
8. The students who avail of the Scholarship should lead an exemplary academic life. The College can withdraw the scholarship if any disciplinary action is taken against the student.
9. The student may lose his/her Scholarship if
  - a. His/Her attendance falls below 75% of the total days in a particular semester
  - b. He/ She is absent for more than one exam in any semester without a valid reason. In case of a genuine reason, prior written permission should be taken from the Registrar. The request for approval should be processed via the proper channel (Tutor-HoD- Registrar). This approval does not entitle any other privileges other than privileges related to the Scholarship
  - c. He/She is involved in exam related malpractices
  - d. He/She is involved in ragging
  - e. He/She involved in events related to substance abuse or alcoholism
  - f. He/ She is involved in political activities either physically or through social media. Political activities by the students are entirely banned inside the College campus. The students are also strictly prohibited from using the College's name to further political activities, objectives or activism outside the College campus.
  - g. He/She is involved in any activities either physically or through social media that will tarnish the name of the College
  - h. Any disciplinary action is initiated against him/her
10. This Scholarship is not a right based Scholarship, and the College Management has the full authority to withdraw the Scholarship to any student/ group of students at any time. The College management will not be subject to any litigation relating to this Scholarship.

## Archbishop Attipetty Memorial Scholarship for Vocational Courses

St. Albert's College (Autonomous) has instituted Scholarships in memory of the Founder Patron, Servant of God, Archbishop Joseph Attipetty, for the students pursuing B. Voc. & M. Voc. Programmes at the College, from the academic year 2020-21, and who also fulfil the following conditions:

- Students scoring above 95% will get a scholarship of 50% of the fees paid
- Students scoring above 90% will get a scholarship of 40% of the fees paid
- Students scoring above 80% will get a scholarship of 30% of the fees paid
- Students scoring above 70% will get a scholarship of 20% of the fees paid

## Regulations

1. The Scholarship is strictly limited to students of B. Voc and M. Voc Programmes.
2. The present, as well as the newly admitted students of the academic year 2022-23, can avail of this Scholarship
3. The eligibility for the Scholarship is determined, and the amount fixed based on the marks attained by the student in the immediate previous semester.

Semester	Eligibility
Semester 1	Marks of the previous Programme (Plus-two marks for the B.Voc programme Undergraduate Degree marks for M. Voc programme)
Semester 2	Semester 1 marks of the current B.Voc programme
Semester 3	Semester 2 marks of the current B.Voc programme
Semester 4	Semester 3 marks of the current B.Voc programme
Semester 5	Semester 4 marks of the current B.Voc programme
Semester 6	Semester 5 marks of the current B.Voc programme

4. Marks attained after the stipulated time for scholarship application (through improvement, retake) will not be considered for the Scholarship.
5. The application should be submitted at the College office within the stipulated time frame in the prescribed format.
6. The student should have passed all the courses of the previous semester in the immediate previous semester.
7. Absence in the previous semester exam is considered as having failed the exam.
8. Any relaxation for eligibility criteria will not be entertained.
9. The student must pay the full fee at the beginning of every semester. The Scholarship will be disbursed after the results of the previous semester are announced
10. The students who avail of the Scholarship should lead an exemplary academic life.
11. The student may lose their Scholarship if
  - a. He/She is involved in exam related malpractices
  - b. He/She is involved in ragging
  - c. He/She involved in events related to substance abuse or alcoholism
  - d. He/ She is involved in political activities either physically or through social media. Political activities by the students are entirely banned inside the College campus. The students are also strictly prohibited from using the College's name to further political activities, objectives or activism outside the College campus.
  - e. He/She is involved in any activities either physically or through social media that will tarnish the name of the College
  - f. Any disciplinary action is initiated against him/her
12. This Scholarship is not a right based Scholarship, and the College Management has the full authority to withdraw the Scholarship to any student/ group of students at any time. The College management will not be subject to any litigation relating to this Scholarship

**ADMISSION HELPLINE:** 8330887774 8330887775 8330887773 8330887772 9539660860

**Please note: Contact helpline numbers for any clarifications regarding admissions.**

**Time: 8:00 am to 5:00 pm**