



ESTD : 1880

St Aloysius College (Autonomous) **Mangaluru 575 003**

Re-accredited by NAAC with 'A++' with CGPA-3.67

Recognized by UGC as " College with Potential for Excellence"

College with 'STAR STATUS' conferred by DBT, Government of India

Recognised as a centre for Research Capacity Building under UGC-STRIDE



Prospectus 2023-24

Postgraduate Programmes

St Aloysius Institutions Telephone Numbers

(STD Code 0824 ISD Code: 0091)

Important Numbers (STD Code 0824-ISD Code: 0091)

College	:	4117700/ 1
Principal	:	4117704
Jesuit Residence	:	9141303706
Registrar	:	4117703
Finance Officer	:	6366713662
Arrupe Block	:	9986226459
Maffei Block	:	4117702
LCRI Block	:	9845023518
Xavier Block	:	9448107667
Administrative Block	:	9964144583
Evening College Principal / Office	:	2449714
UG Library	:	2449708
PG - Office	:	4117702
Alumni Association (SACAA)	:	2953849
AIMIT Campus Office	:	2286881
Director	:	2286882
Director - Applied Biology Lab	:	2449719 / 20
Gents Hostel	:	2449724 / 25
Ladies Hostel	:	2449726
Ladies Hostel -PG	:	2449715
IGNOU - Office	:	2449734
Community Radio - SARANG	:	2449744

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Welcome to

St Aloysius College (Autonomous)



For more information contact:



ESTD:1880

St Aloysius College (Autonomous)

P.B. No. 720

St Aloysius College Road

Mangalore - 575 003

Ph: 0824-4117701/ 4117702

or logon to

www.stalloysius.edu.in

www.stalloysius.ac.in/aimit.edu.in

e-mail: principal@stalloysius.edu.in

facebook: Principal St Aloysius



HISTORY OF THE COLLEGE

Welcome to St Aloysius College (Autonomous), Mangaluru.

St Aloysius College was awarded the Autonomous Status in June 2007. The Autonomous Status was further renewed in the year 2012. The Autonomous status has the freedom to determine and prescribe its courses of study and syllabi. It has its own rules of admission in conformity with the State Government Policy. Moreover, it has evolved its own methods of assessment of student attainment, conduct of examinations and declaration of results. There will be sufficient freedom to use innovative tools in teaching - learning process and experiment with methodologies in learning. The degree will be awarded by the Mangalore University.

The College traces its origins to 1880 when European Jesuits who landed in Mangalore three years earlier had started a college for the education of the Mangalorean Catholic Youth.

In the course of a hundred and forty two years, St Aloysius College has travelled a significant distance. In 1880, functioning in a single building in 1880 it was only an higher secondary school. But today, the world of St Aloysius College includes in its grand sweep a plethora of buildings.

The College has undergone the third cycle of NAAC Accreditation and has been accredited with 'A' grade with the grade point average of 3.67/4, one of the highest in the state. It is ranked 95 in College Category - 2021 under NIRF. It is recognized as a Centre for Research Capacity Building under UGC - STRIDE Scheme and also recognized under DBT - BUILDER Scheme. It is conferred by DBT as College with "STAR STATUS". The College is recognized by UGC as "College with Potential for Excellence". It is ranked at 22 for the Science stream by 'The Week Magazine'.

This Prospectus is designed to help and guide you to plan your education in this College. In this handbook, you will find:

- Necessary information about the College and Courses available.
- The Choices available for you in the course selection.
- The Rules and regulations regarding admission during the academic year 2023-2024.
- Other facilities available in the campus.

For additional information and clarifications, you are welcome to approach the College Office during working hours (9.00a.m. - 12.45p.m. & 1.45p.m. - 4.45p.m.). It should be noted that merely applying online and submitting the hard copy of the application to the College does not mean that you have the right of admission to the College.



VISION & MISSION

This premier institution, more than 142 years in its existence, has been at the service of the youth of Mangaluru and its environs, as an educational institution run by the Mangalore Jesuit Educational Society, for the education, formation and professional preparation of young people of all castes, creeds and communities, without any discrimination. However, as a minority institution, it gives priority to the empowerment of the Christian community. And as an institution run by the Jesuits, it places a special accent on preference towards the underprivileged.

We are sure that you would be extremely curious to know what is in store for you in these vast, sprawling and monumental edifices in the campus at St Aloysius College, Mangaluru.

At the very outset, we would like to tell you that we firmly believe, that education means helping the learners in realizing their self-worth by respecting their individuality. Hence, the ultimate goal of education is the overall development of the student's personality. All endeavors in the process of education that happen at St Aloysius, are geared towards achieving this primary goal of education.

While we are committed to achieve and instill in students a burning zeal for academic excellence, we earnestly and consciously pursue rigorously the objective of making our students socially sensitive, committed to the cause of the

marginalized and compassionate towards the less fortunate ones of the society.

Our Patron, St Aloysius Gonzaga is an inspiration and exemplar for all who come to this campus. Born in a noble family and brought up in relative comfort, this medieval young Italian soon grew tired of living in the lap of luxury, and offered himself to the service of the poor and the destitute by joining the Jesuit Order. He died at the age of 23, charity and service of the poor, having contracted plague while ministering to the plague stricken, in Rome. His integrity for life, his inner strength, his noble ideals, his self-discipline, his immense compassion and his tremendous concern for the poor are held up for emulation, by our students.

Drawing our inspiration from our Patron, and in accordance with the teaching of the Founder of the Jesuit Order, St Ignatius Loyola, we, on this Campus, aim at the integral formation of youth, striving to form individuals who are academically competent, morally strong, artistically accomplished, physically fit, socially concerned and personally balanced. Those who pass out of this institution are to be men and women for others, living nobly, acting justly, believing deeply, relating humanely and walking rightly in the presence of the Divine, and thus becoming critically reflective, intellectually creative, ethically exemplary, socially responsible and response-able persons empowered with great capacity to contribute to the building up of a more humane and just world where all have access to life in its abundance.

AUTONOMOUS SYSTEM

1. The academic programmes are structured on semester basis. Choice Based Paper is introduced in the 2nd and 3rd Semester in all the courses.
2. The relative importance of subjects of study and activities are quantified in terms of credits and also their overall relative importance.
3. The curricula and question papers are unitized.
4. The declaration of result is based on the aggregate percentage of marks obtained as well as on Grade Point Average earned.

Academic Calendar:

- The odd semesters will commence in May 2023.
- The even semesters will commence within 10 days after the completion of the end semester examinations.
- A semester is of 18 weeks duration.

Assessment/Evaluation:

The assessment will be based on knowledge, intelligence, application, understanding the concept of the subject and creativity.

The continuous internal assessment will have a weightage of 30% and the end semester examinations will have a weightage of 70%.

An aggregate of 35% in internal and end semester exam in each subject is required to pass.

Attendance:

A total of 3 marks are allotted for full attendance. A student is eligible to write the semester examination only when the student has 75% attendance in each subject and in aggregate of all the subjects.

Students who do not have a minimum of 75% attendance will not be allowed to write the examinations. They have to repeat the semester.

STUDENTS SEEKING ADMISSION ARE REQUIRED TO SUBMIT THE FOLLOWING CERTIFICATES TO COMPLETE THE ADMISSION PROCESS

Students who have passed Degree exam within Karnataka and within Mangalore University.	Transfer Certificate (Original) Degree marks card - 1 attested copy & attested copy of PU & SSLC mark card. Migration Certificate for students from outside Mangalore University and Provisional Pass Certificate
Students who have done Degree course outside Karnataka	Eligibility Certificate from Mangalore University, Migration Certificate issued by the University under which candidate has studied / passed, Qualifying Marks Card (original & xerox), Transfer Certificate (original) & attested copy of SSLC and PU marks
Foreign students	Eligibility Certificate, Migration Certificate, Qualifying marks card (original & xerox), Student Visa, AIDS free Certificate by competent authority, Residential permit & Registration certificate from Commissioner of Police Mangalore & Foreigners Regn. Office.

P.S. : Application for applying Eligibility Certificate is available in our Book Store. or download application in www.mangaloreuniversity.ac.in

GENERAL REGULATIONS

Students shall observe the General Regulations and other rules of discipline printed in the College Hand Book and those framed from time to time. In particular:

- Students must be neatly dressed in accordance with the rule of approved etiquette. The decision of the Principal in this regard is to be accepted.
- Every student should possess an Identity- Card which should be produced whenever asked for, by any staff member of the College.
- Punctuality and regular attendance is insisted upon. Leave of absence from College should be applied for and obtained beforehand. Unforeseen absence must be justified on return to the College. Absence from the College Examinations and at the reopening of classes after the holidays will not be tolerated. The students will not be admitted until their parents meet the Principal personally and explain the absence.
- Students should not join any Club or Society or make any engagement, that may interfere with their regular studies in the College. They are not allowed to play in any team against the College.
- Students should not take part in any political agitation directed against the lawful authority of the Government. They are also forbidden to engage prominently in any public movement without permission from the Principal.

Every PG student must spend ONE week of compulsory Village Exposure Programme organised by the College

- The College, though not responsible for the conduct of its students outside its premises, will take cognizance of any serious misconduct of its students committed outside its premises.
- Students are required to live with parents, relatives, guardians or in hostels approved by the College Authorities. Early in the first term every student shall fill in a slip giving particulars of his place of residence in Mangalore.
- Attendance at classes and examinations, progress as well as conduct of the student will be taken into consideration while recommending students for merit certificates, concessions, scholarships, freeships, higher studies and employment.
- Those who indulge in ragging or encourage it will be dismissed from the College.
- Use of mobile phones are strictly prohibited inside the College buildings.
- No candidate will be permitted to appear for the end semester examination unless he/she fulfils the requirements of good conduct and progress in studies. A minimum of 75 % attendance is a must in each subject.
- Eligibility Criteria for all PG programmes are strictly as per Mangalore University regulations.

(www.mangalaoreuniversity.ac.in)





M.Sc. (BIOTECHNOLOGY)

Objectives of the Programme:

- To provide state-of-the art knowledge and skills in the field of Biotechnology.
- To provide industry and research organization with a sustained stream of skilled individuals having adequate qualification packs to attain National Occupational Standards.
- To have a positive impact on human and animal health, agriculture and environment in the region.

Programme Content:

FIRST SEMESTER

Theory and Practical

- Biochemistry and Metabolism
- Microbiology
- Cell and Molecular Biology
- Electives:**
- Molecular and Human Genetics
- Immunology

SECOND SEMESTER

Theory and Practical

- Genetic Engineering
- Enzymology
- Electives:**
- Research Methodology, Ethics and Scientific Communication
- Analytical Techniques in Biotechnology
- Quality Assurance and Quality Control in Product Development – Open Elective

THIRD SEMESTER

Theory and Practical

- Animal Biotechnology
- Plant Biotechnology
- Electives**
- Industrial Biotechnology
- Environmental Biotechnology
- Clinical Drug Development and IPR – Open Elective

FOURTH SEMESTER

Theory and Practical

- Food Biotechnology
- Molecular Diagnostics and Immunotechniques
- Clinical Research, IPR and Patents
- Project Dissertation/ Industry Internship

Highlights of the Program:

- Recognized as Centre for research in Biotechnology by Mangalore University.
- One among the 17 Institutions selected for the Govt. of Karnataka's, (KITS) sponsored Biotechnology Skill Enhancement Program (BiSEP).
- Three research laboratories for Ph.D scholars.
- Plant tissue culture and animal cell culture rooms.
- CPCSEA registered Animal house, Green house.

Eligibility Criteria:

Candidates who have passed the three/four years Bachelor degree examination of Mangalore University or any other University considered as equivalent thereto with Life Science subjects provided they have studied Chemistry/Biochemistry as one of the major/optional/subsidiary subject and have secured a minimum of 45% marks (40% in case of SC/ST/Category-I Candidates) in aggregate excluding languages and Group III subjects are eligible for the programme.

For more information contact:

The Principal or Dr Shreelalitha Suvarna, HOD
Mob: 9964215205

M.Sc.(BIOCHEMISTRY)

Objectives of the Programme:

- To empower students to understand the concepts in the field of Biochemistry.
- To facilitate students to acquire theoretical and practical skill for successful career in academia, industry and research.
- To encourage innovation and creativity among students and to foster the spirit of research and entrepreneurship to contribute positively to the progress of the society.



Programme Content:

FIRST SEMESTER

Theory

- Biomolecules
- Biochemical Techniques
- Organic & Physical Biochemistry
- Physiology & Nutrition
- General Microbiology

Practical

- Bioquantitation
- Analytical Techniques
- Experimental Microbiology

SECOND SEMESTER

Theory

- Enzymology
- Metabolism
- Research Methodology & Ethics
- Biotechnology
- Neuro Biochemistry
- Biochemistry of Diseases (Open Elective)

Practical

- Practical Enzymology
- Practical Biotechnology

THIRD SEMESTER

Theory

- Molecular Biology
- Nitrogen Metabolism & Plant Biochemistry
- Cellular Biochemistry
- Clinical Biochemistry
- Evolution and Ecology (Open Elective)

Practical

- Cell & Molecular Biology
- Metabolism and Clinical Biochemistry

FOURTH SEMESTER

Theory

- Immunology
- Molecular Genetics
- Genetic Engineering & Bioinformatics
- Clinical Toxicology
- Food Biochemistry

Practical

- Project
- Methods in Genetic Engineering & Bioinformatics
- Experiments in Food Science

Highlights of the Program:

- Creating a positive impact on human and animal health, agriculture and environment in the region.
- Well equipped laboratories including animal and plant cell culture rooms.
- Animal house facility.
- State of art Equipments.
- Ongoing Funded Research Projects: DBT- Builder, Govt of India, VGST-KSTePs, Govt. of Karnataka

Eligibility Criteria :

Candidates who have passed the three year B.Sc. degree Examination of Mangalore University or any other University considered as equivalent thereto with Biochemistry/Chemistry as optional/major/Special subjects or PCM with minimum of 45% (40% for SC/ST/ Category-I candidates) marks are eligible for the programme provided they have studied Biology as major/optional/minor/special/subsidiary subject either at B.Sc. or at PUC/ Higher Secondary level.

For more information contact :

The Principal or
Dr Lyned D Lasrado, HOD
Mob: 9686021928
Office : 0824- 4117701/2



M.Sc. (ANALYTICAL CHEMISTRY)

Objectives of the Programme:

- To impart sound knowledge and analytical expertise in the subject.
- To enthuse students towards research in chemistry.
- to enable the students to develop analytical and creative abilities required in the industry.
- To enable hands on training in the usage of industrially important analytical equipment's.

Programme Content:

FIRST SEMESTER

- Inorganic Chemistry
- Organic Chemistry
- Physical Chemistry
- Principles of Analytical Chemistry & Separation Techniques
- Bioorganic Chemistry
- Research Methodology & Ethics
- Inorganic Chemistry Practicals - I
- Organic Chemistry Practicals - I
- Physical Chemistry Practicals - I

SECOND SEMESTER

- **Open Elective:** Analytical Techniques
- Advanced Inorganic Chemistry
- Advanced Organic Chemistry
- Advanced Physical Chemistry
- Molecular Symmetry & Spectroscopy
- Chemistry of Biomolecules
- Inorganic Chemistry Practicals - II
- Organic Chemistry Practicals - II
- Physical Chemistry Practicals - II

THIRD SEMESTER

- **Open Elective:** Optical methods of Analysis
- Molecular Spectroscopy
- Organometallic, Bioinorganic & Co-ordination Chemistry
- Electroanalytical Radiochemical & Thermoanalytical Techniques
- Medicinal Chemistry
- Computer for Chemist Practicals
- Analytical Chemistry Practicals -I
- Analytical Chemistry Practicals - II
- Analytical Chemistry Practicals -III

FOURTH SEMESTER

- Organic Synthetic Methods
- Spectroscopic Methods of Analysis
- Chemistry of Polymers & Natural Products
- Analytical Chemistry Practicals -IV
- Analytical Chemistry Practicals -V
- Project Work
- Applied Analysis and Automation
- Radiation and Photochemistry
- Seminar

Highlights of the Program:

- Recognized as research centre by Mangalore University with Five faculty members as PhD guides under the same.
- Fostering an interest towards the subject through innovative programs, online diplomas and certificate courses.
- Focus on student centric learning with special emphasis on providing training for competitive examinations that pave way for higher studies and better job opportunities.
- Well equipped laboratories & Placement in reputed companies like Biocon, AstraZeneca, Syngene, BASF, Cipla.
- Study tour to industry and research centers.

Eligibility Criteria:

Candidates who have passed the three year B.Sc degree examination of Mangalore University or any University considered as equivalent thereto with Chemistry as optional/major/Special subjects with a minimum of 45% (40% for SC/ST/ Category-I candidates) marks in the subjects are eligible for the programme provided they have studied Physics and Mathematics as optional/major/ special/minor/subsidiary subjects either at B.Sc. or at PUC/ Higher Secondary level.

For more information contact :
The Principal or Dr Ronald Nazerath, HOD, Mobile: 9448154267

M.Sc. (CHEMISTRY)

Objectives of the Programme:

- To employ best teaching methodologies which focuses on integrating Theoretical facts with practical hands-on training.
- To enthuse and orient students towards research in chemistry.
- To enable the students to develop analytical and creative abilities required in the industry.
- To enable hands on training in the usage of industrially important analytical equipment's.

FIRST SEMESTER

- Inorganic Chemistry
- Organic Chemistry
- Physical Chemistry
- Principles of Analytical Chemistry & Separation Techniques
- Bioorganic Chemistry
- Research Methodology
- Inorganic Chemistry Practicals - 1
- Organic Chemistry Practicals - 1
- Physical Chemistry Practicals - 1

THIRD SEMESTER

- **Open Elective:** Bio-Inorganic Chemistry, Green Chemistry and Environmental Chemistry
- Molecular Spectroscopy
- Organometallic, BioInorganic & Co-ordination Chemistry
- Electrochemistry, Electro and Thermo - Analytical Methods
- Medicinal Chemistry
- Computer for Chemist Practicals
- Inorganic Chemistry Practicals - III
- Organic Chemistry Practicals - III
- Physical Chemistry Practicals - III

Programme Content:

SECOND SEMESTER

- **Open Elective:** Spectral methods of analysis
- Advanced Inorganic Chemistry
- Advanced Organic Chemistry
- Advanced Physical Chemistry
- Molecular Symmetry & Spectroscopy
- Chemistry of Biomolecules
- Inorganic Chemistry Practicals-II
- Organic Chemistry Practicals - II
- Physical Chemistry Practicals - II

FOURTH SEMESTER

- Radiation and Photochemistry
- Organic Synthetic Methods
- Chemistry of Polymers & Natural Products
- Solid State and Nanochemistry
- Inorganic & Organic Chemistry Practicals -IV
- Optical Methods of Analysis
- Project Work
- Seminar

Highlights of the Programme:

- Recognized as research centre by Mangalore University with Six faculty members as PhD guides under the same.
- Fostering an interest towards the subject through innovative programs, online diplomas and certificate courses.
- Focus on student centric learning with special emphasis on providing training for competitive examinations (KSET, NET, GATE) that pave way for higher studies and better job opportunities.
- Well equipped laboratories & Placement in reputed institutions & companies like Biocon, AstraZeneca, Syngene, BASF, Cipla.
- Study tour to industry and research centers.

Eligibility Criteria:

Candidates who have passed the three year B.Sc degree examination of Mangalore University or any University considered as equivalent thereto with Chemistry as optional /major/Special subjects with a minimum of 45% (40% for SC/ST/ Category-I candidates) marks in the subjects are eligible for the programme provided they have studied Physics and Mathematics as optional/major/special/ minor/subsidiary subjects either at B.Sc. or at PUC/ Higher Secondary level.

For more information contact :
The Principal or Dr Ronald Nazerath, HOD
Mobile: 9448154267



M.Sc. (MATHEMATICS)

Objectives of the Programme :

- Impart training in Mathematics to meet the need of industry and academia
- Research exposure in the field of Pure and Applied Mathematics.
- To impart sound knowledge in the subject.
- To provide skills in its applications in the field of Mathematics

Programme Content:

FIRST SEMESTER

- Algebra I
- Linear Algebra I
- Real Analysis I
- Graph Theory
- Fluid Mechanics/Operations Research/Ordinary Differential Equations

SECOND SEMESTER

- **Open Elective:** Basic Tools in Mathematics
- Algebra II
- Linear Algebra II/Lattice Theory
- Real Analysis II
- Research Methodology & Ethics
- Computational Lab I (Using FOSS)

THIRD SEMESTER

- **Open Elective:** Differential Equations and Applications
- Complex Analysis I
- Topology
- Numerical Analysis with Computational Lab (Scilab)
- Commutative Algebra, Multivariate Calculus & Geometry/ Probability Theory

FOURTH SEMESTER

- Measure Theory & Integration
- Complex Analysis II
- Project work
- Functional Analysis
- Partial Differential Equations/Algebraic Number Theory/Cryptography/Distribution Theory
- Computational Lab II (Using FOSS)



Highlights of the Programme :

- Guest lectures will be arranged from eminent mathematicians and personnel from renowned institutions.
- Regular seminars and industry workshops for the students in the subject area.
- Training for the competitive examination like UGC-NET and GATE.
- Computational Lab Courses

Eligibility Criteria:

Candidates who have passed the three year B.Sc. degree examination of Mangalore University or any University considered as equivalent thereto with Mathematics as major/ optional/Special subjects are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/ Category-I candidates) marks in Mathematics.

For more information contact :
The Principal or
Ms Anupriya Shetty, HOD
Mobile : 9611496024

M.Sc. (PHYSICS)

Objectives of the Programme:

- To imbibe and impart scientific knowledge
- To enable students to enter the field of scientific research, teaching & industry
- To give opportunities to students for all round development
- To make students develop skills of performing research and impart knowledge to the society in the field of Physics.

Programme Content:

FIRST SEMESTER

Theory Papers:

- Mathematical Physics - 1
- Classical Mechanics
- Classical Electrodynamics
- Electronics

Practicals:

- General Physics Experiments I
- Electronics Experiments I

THIRD SEMESTER

Theory Papers:

- **Open Elective** : Experimental Techniques
- Quantum Mechanics II
- Condensed Matter Physics – II
- Relativity and Cosmology
- Optics
- Thermodynamics and Statistical Physics
- General Physics Experiments-III
- Computational Physics Practical- I

SECOND SEMESTER

Theory Papers:

- **Open Electives** : Bio Physics, Astrophysics, Experimental Techniques
- Mathematical Physics II
- Quantum Mechanics I
- Research Methodology
- Condensed Matter Physics – I
- General Physics Experiments II
- Electronics Experiments II

FOURTH SEMESTER

Theory Papers:

- Atomic and Molecular Physics
- Nuclear and Particle Physics
- Project
- Communication Theory
- Lasers, Vacuum techniques and Nonlinear Optics
- Condensed Matter Physics – III
- Nuclear Structure
- General Physics Experiments IV

Highlights of the Programme:

- Comprehensive syllabus which includes core and modern topics.
- Problem oriented teaching to enhance fundamentals and applications.
- Computational physics practicals.
- Encourage Summer research and Internship.
- Has an observatory AL SOLARIUM with an advanced 8 inch rotating telescope to observe and study the universe around us.
- A Certificate course in C/C++ Programming as an add on course Intellectual _____ Radiation Physics, Lasers.



Eligibility Criteria:

Candidates who have passed the three year B.Sc. degree examination of Mangalore University or any University considered as equivalent thereto with Physics as major/ optional/Special subjects are eligible for the programme provided they have studied Mathematics as optional/major/special/minor/subsidiary subject for at least two years and secured minimum of 45% (40% for SC/ST/ Category-I candidates) marks in Physics and Mathematics.

For more information contact :

The Principal or
Dr Chandrashekar Shetty, HOD
Ph : 94482 49153

M.Sc. (FOOD SCIENCE & TECHNOLOGY)

Objectives of the Programme :

- To expose the student to the vast scope of Food Science and Technology as a theoretical and experimental science with applications in solving most of the problems of farmers and food industry
- To Emphasize the discipline of Food Science and Technology to be the most important branch of science for pursuing the interdisciplinary and multi - disciplinary higher education and/or research in interdisciplinary and multi - disciplinary areas.
- To acquaint the students with technologies of food processing and preservation techniques for plant and animal foods and enable to understand the national and international food laws and regulations for food safety and management as well as importance of food engineering and packaging in food industry.
- To accentuate the importance of Food Science and Technology as the most important discipline for sustaining the existing industries and establishing new ones to create job opportunities at all levels of employment.

Programme Content:

FIRST SEMESTER

Theory

- Food Chemistry
- Principles of Food Processing & Preservation
- Fruits & Vegetable Processing Technology
- Processing of Milk & Dairy Products
- Waste Management & Environmental Sustainability

Practical I

- Food Chemistry and Principles of Food Processing & Preservation

Practical II

- Fruits and Vegetables Processing Technology & Processing of Milk & Dairy Products

SECOND SEMESTER

Theory

- Food Process Engineering & Instrumentation
- Processing Technology of cereals, pulses & oil seeds
- Spices & plantation crops technology
- Research methodology & Ethics
- Essentials of Food Science (Open Elective)

Practical III

- Food Process Engineering & Instrumentation

Practical IV

- Processing Technology of cereals, pulses & oil seeds & spices & plantation crops technology.

THIRD SEMESTER

Theory

- Food Microbiology
- Nutraceuticals & Functional Foods in human health
- Basics of food safety & labelling (Open Elective)

Practical V

- Food Microbiology & Nutraceuticals & Functional Foods in human health

Practical VI

- Project work/Dissertation

FOURTH SEMESTER

Theory

- Meat, Fish & Poultry Processing technology
- Food Packaging
- Food Biotechnology
- Food safety & quality control

Practical VII

- Meat, Fish & Poultry Processing technology

Practical VIII

- Food Biotechnology and Food safety & quality control

Eligibility criteria :

Candidates who have passed the three years B.Sc. degree examination of Mangalore University or any other University considered as equivalent there to with a minimum of 45% (40% for SC/ST/Category-I candidates) marks in aggregate Excluding Languages and Group III Subjects are eligible for the programme provided they have studied Chemistry/Biochemistry and Any Two of the following optional/major/ special subjects:

Home Science, Horticulture, Forestry, Environmental Science, Botany, Biotechnology, Microbiology, Pharmacognosy, Zoology and Physiology.

Candidates who have passed Bachelor degree examination in Food Technology, Food Science, Food Science and Technology, Food Nutrition and Dietetics, Clinical Nutrition & Dietetics Food Technology and Management, Food Processing and Quality Assurance, Food Science and Quality Management, Food and Agricultural Microbiology, Food Microbiology, Microbiology, Horticulture, Dairy Science, Dairy Technology, Fishery Science, Food Engineering and Engineering Biotechnology with 45% (40% for SC/ST/Category-I candidates) marks in aggregate excluding Languages and Group III Subjects are also eligible.

UGC recognized B.Vocational graduates in Food Processing & Engineering with 45% (40% in case of SC/ST/Category - I Candidates) marks in aggregate excluding Group III Courses are also eligible.

Highlights of the Programme:

- State of art laboratories.
- Industrial visits and study tours.
- Curriculum is designed in such a way that student get training in all aspects of food processing.
- Hands-on practical training, research and skill training of students.
- Certificate courses on food safety & Quality Control & Food Analysis and instruments as on add on course.

For more information contact :

The Principal or
Dr Daniella Anne L Chyne, HOD
Mob:9676389466

M.Sc. (FOOD SCIENCE, NUTRITION AND DIETETICS)

Objectives of the Programme

- Invent a platform conducive enough for students to learn and imbibe themselves with core understanding and research skills on fundamental advancement of the principles and concepts in Food Science, Nutrition and Dietetics.
- Develop outcome base learning by facilitating practical learning of the subject through experiments and research performed in designated laboratories or through field studies and correlating data acquired with theoretical knowledge.
- Impart and developed professional skills among the learners
- To foster professional research and development and also specialized them to imbibe professional competencies in teaching as well as government and public service and entrepreneurship.

Programme Content:

FIRST SEMESTER

- Food Chemistry
- Principles of Food Processing & Preservation
- Human Nutrition
- Human Physiology
- Essential of Micro nutrients

Practical

- Food Chemistry & Principles of Food Processing & Preservation
- Human Nutrition & Human Physiology

SECOND SEMESTER

- Clinical and Therapeutic Nutrition
- Dietetics
- Research Methodology & Ethics
- Nutrition through life cycle
- Basic Nutrition (Open Elective)

Practical

- Clinical and Therapeutic Nutrition & Nutrition through life cycle
- Dietetics

THIRD SEMESTER

- Food Microbiology
- Nutraceuticals & Functional Foods in Human Health
- Health & Fitness (Open Elective)

Practical

- Food Microbiology & Nutraceuticals & Functional Foods in Human Health
- Project work/Dissertation/Internship

FOURTH SEMESTER

- Nutritional Bio Chemistry
- Community Nutrition
- Sports Nutrition
- Food Safety & Quality Control

Practical

- Nutritional Bio Chemistry & Food Safety & Quality Control
- Community Nutrition

Highlights of the Programme:

- The Food Science, Nutrition and Dietetic Postgraduate program focuses on addressing the multifaced problem of malnutrition in all its forms, including hunger, overweight/obesity and micronutrient deficiencies.
- The program uses a Learning outcomes-based Curriculum Framework (LOCF) to integrate the application of health and nutritional sciences at both individual and community levels, with the aim of improving nutrition, health and food security.
- The curriculum is predominately practical-oriented, with students engaging in community surveys, hospital case studies, food compositional analysis, and the hosting of nutrition education programs. This approach helps students develop a range of skills, including innovation, incubation, entrepreneurship, research and problem-solving.
- The program encourages research-oriented learning through project work, internships and fieldwork, to help students build capabilities and competencies for conducting primary research.
- The overall objective of the program is to prepare postgraduates to achieve advanced skills and confidently step out to overcome the problems of nutrition and health, as well as uplift food insecurities among individuals or the society/community/nation, while also contributing to the Sustainable Development Goals.

Eligibility for Admission:

Candidates who have passed the three years B.Sc. degree examinations of Mangalore University or any other University considered as equivalent thereto with a minimum of 45% (40% in case of SC/ST/Category-I candidates) marks in aggregate excluding languages and Group III subjects, are eligible for the programme. Provided they have studied Food nutrition and Dietetics/ Food Science/ Biochemistry/ Chemistry as major subject and one of the following as major/optional/special subsidiary subject are preferred.

Home Science, Horticulture, Forestry, Environmental Science, Biotechnology, Botany, Microbiology, Pharmacognocny, Zoology, Physiology, Human Physiology, Agriculture, Fishery Science and Engineering Biotechnology

B.Sc graduates with Diploma/P.G. Diploma programme or U.G.C. recognized B.Vocational graduates or any graduates from the faculty of Science with PG Diploma programme are also eligible for admission provided they have studied one of the subjects associated with Food Science, Nutrition and Dietetics and also have secured a minimum of 45% (40% in case of SC/ST/Category-I candidates) marks in aggregate excluding languages and Group III subjects at the undergraduate level.

For more information contact :
The Principal or Dr Daniella Anne L. Chyne HOD, Mob: 9676389466

M.A. (ENGLISH)

Objectives of the Course :

To impart comprehensive knowledge of the various aspects of English Literature.

To impart effective skills of proficiency in English through a competent and cutting-edge curriculum, and to prepare students for various professions.

Programme Content:

FIRST SEMESTER

- British Literature I (Medieval Literature to Neoclassical Literature)
- Literary Criticism
- Research Methodology

Electives

- Modern Indian Theatre
- Children's Literature
- Linguistics & Semiotics
- European Literature
- Ecocriticism
- Literature from Canada, Australia & New Zealand

THIRD SEMESTER

- British Literature III (Modernism & Post Modernism)
- English Language Teaching
- American Literature I
- Indian Writing in English II

Electives

- Science Fiction
- Folklore & Mythology

Choice based paper - Interpreting Literature

SECOND SEMESTER

- British Literature II (The Romantics and Victorians)
- Literary Theory
- Indian Writing in English I

Electives

- Film Studies
- Twentieth Century Asian & Middle Eastern Fiction
- Fantasy Literature
- Literature from Africa & the Caribbean Islands

Choice based paper - Reading Literature

FOURTH SEMESTER

- Postcolonial Studies
- Cultural Studies
- American Literature II
- Research Project

Electives

- Cultures of Dakshina Kannada in Translation
- Diaspora Literature
- Gender Studies
- Literature from the Margins

Eligibility Criteria :

Candidates who have passed the three year B.A. degree examination of Mangalore University or any other University considered as equivalent thereto with English as major/optional subject (the cognate subject) are eligible to apply for the programme provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) marks in the cognate subject.

Candidates who have studied English as either the first or second language at the graduate degree level for not less than two years/four semesters and candidates who have studied Additional English of Mangalore University for not less than two years/four semesters are also eligible to apply provided such applications have scored not less than 60% marks in aggregate in the examination of the subject. The marks scored in the English First or Second Language examinations or Additional English examinations would be equated with the marks of optional English (the cognate subject) as follows:

- 60% in English as First or Second Language to 45% of optional English (the cognate subject).
- 60% in Additional English is equal to 48% of optional English (the cognate subject).



Highlights of the Department :

- Up to date and Research Oriented Syllabus
- Focal goals are NET & PhD
- Voluntary Teaching Internship Programme - VTIP

For more information contact :
The Principal or
Dr Melisa Goveas, HOD
Mobile : +91 9945901031

M.A. (ECONOMICS)

Objectives of the Programme:

- To prepare students for a wide range of professional careers in Banking and Financial Services, NGOs and Development Institutions, Government Services, Research and Consulting Firms, Foreign Trade Sector, etc.
- To equip students with knowledge of principles, theories and concepts of economics and business, which will help them to become responsible leaders in their chosen fields.
- To establish the foundation for Ph. D studies for students who plan to continue their education and research.
- To lay the foundation in the field of teaching for students who plan to enter the profession of teaching.

Programme Content:

FIRST SEMESTER

- Micro Economic Analysis
- Development Economics
- Statistical Techniques for Economic Analysis
- Environmental Economics
- Principles of Banking
- Economics of Demography
- Industrial Economics

SECOND SEMESTER

- **Open Elective:** Banking & Finance
- Macro Economic Analysis
- International Economics
- Mathematical Techniques for Economic Analysis
- Research Methodology and Ethics
- Financial Institutions and Markets
- Agricultural Economics
- Economics of Human Resource Development

THIRD SEMESTER

- **Open Elective:** Contemporary Indian Economy
- Monetary Economics
- Econometrics
- Health Economics
- Development Banking
- Labour Economics
- Energy Economics

FOURTH SEMESTER

- Indian Economy
- Public Economics
- Economics of Insurance
- Operations Research for Economic Analysis
- International Finance
- Project
- Rural Banking

Eligibility criteria :

Candidates who have passed the three year B.A./B.Sc. degree examination of Mangalore University or any other University considered as equivalent thereto with Economics as major/optional/special subject are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST Category - 1 Candidates) marks in the Economics subject.

Highlights of the Programme :

- Project work
- Guest lectures, seminars
- Rural exposure, educational tours
- Coaching for competitive exams like NET/SET
- Exhaustive training for soft skills- practice in interactive teaching learning methods

For more information contact :
The Principal or
Dr P. P. Sajimon, Dean PG Studies
Mob : 094465 45550



M.Sc. (COUNSELLING)

Objectives of the Programme:

How can people cope better with day to day problems like anxiety, stress, frustrations, conflicts, psychosomatic illness strained interpersonal relationships, marital problems, school related problems, problems at work place etc which harm their intellectual, social and emotional growth? The answer lies in having trained psychological counsellors at all levels. Here's an opportunity for students to be trained in Holistic Psychological counselling.

Programme Content:

FIRST SEMESTER

- Psychology and Life
 - Introduction to Psychological Assessment
 - Developmental psychology
 - Basic counseling skills
- Practical
- Basic counseling skills
 - Psychological Assessment - I

SECOND SEMESTER

- **Open Elective :** Behaviour & Society
 - Research and Statistics
 - Theories of personality
 - Human Resource Management
 - Group counseling
- Practical
- Advanced Counseling Skills
 - Training to be group leader

THIRD SEMESTER

- **Open Elective :** Positive Psychology
 - Psychopathology
 - Counseling Therapy
 - Educational Counseling and Guidance
- Practical
- Counseling Skills and Therapy
 - Psychological Assessment - II

FOURTH SEMESTER

- Positive Psychology/Counselling specific groups
- Internship
- Dissertation

Highlights of the Programme:

- Students will be intensely trained in counselling skills.
- The first of its kind in Dakshina Kannada and Udupi districts.
- Trained to integrate counselling theory into practice.
- Trained to use psychological tests.
- On the job training will be given.

Eligibility criteria:

Applicants who have passed any Bachelor Degree examination with Psychology as one of the subjects or BSW degree examination of Mangalore University or any other University considered as equivalent thereto or graduates with P.G Diploma / Diploma in counselling or graduates with at least 2 years of work experience as counsellors are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ St/ Category-I Candidates) marks in aggregate including languages and Group III subjects.



For more information contact :
The Principal or
Dr Shalini Aiyappa, HOD
Mob : 9845873042

M.Sc. (CORPORATE PSYCHOLOGY)

Objectives of the Programme:

- To provide knowledge and skills in the applied field of Corporate Psychology.
- To develop an integrated personality required to function as a Corporate Psychologist.
- To provide ample training through necessary practical exposure in Corporate Psychology.

Programme Content:

FIRST SEMESTER

Theory

- Psychological Processes
- Psychological Assessment
- Organisational Psychology
- Human Resource Management

Practical : Psychometric testing I

Interpersonal Skills training Lab I

SECOND SEMESTER

Theory

Open Elective : Behaviour & Society

- Training and Development
- Corporate Culture and Diversity
- Statistics and Research methodology
- Organisational Behaviour
- Managerial Economics

Practical : Psychometric testing II

Interpersonal Skills training Lab II

THIRD SEMESTER

Theory

Open Elective: Basic Counselling Skills

- Corporate Leadership
- Organizational Change & Development
- Corporate Reporting & Accountability
- Corporate Ethics and Governance
- Industrial Relations & Labour Laws
- Market Behaviour & Analysis

Practicals: Corporate Counselling (EAP)

Corporate Selection and Development

FOURTH SEMESTER

- Internship
- Dissertation
- Viva Voce



Highlights of the Programme

- A multidisciplinary core HR program
- Blend of psychology and management courses
- Four months of internship in a corporate
- Exposure to most relevant and trending topics in HR through case studies, corporate training, forum activity and industry academic interface.

Eligibility criteria:

Candidates who have passed the three year degree examination in Psychology/ Commerce / Business Administration / Business Management / Human Resource Development / Hotel Management / or a degree in Social Work of Mangalore University or any other university considered as equivalent thereto provided they have secured a minimum of 45% (40% for SC/ST/Category-I candidates) marks in aggregate including languages and group III subjects.

For more information contact :
The Principal or
Dr Shalini Aiyappa, HOD
Mob: 9845873042

M.A. (JOURNALISM & MASS COMMUNICATION)

Objectives of the Programme :

- To impart theoretically & Professionally sound education in Mass Communication.
- To help students integrate their learning with adequate practical experience.
- To train youngsters in all streams of media with practical learning & exposure.
- To prepare them to get into industry seamlessly by developing competence in offering job-oriented education.

Programme Content:

FIRST SEMESTER

- Theories of Communication
- Advanced Reporting and Editing (Practical)
- Corporate Communication & Public Relations
- Development of Media
- Media Law and Ethics

SECOND SEMESTER

- Communication Research Methods
- Introduction to Audio Visual Media (Practical)
- Film Studies
- Development Communication
- Broadcast & Communication /Travel Journalism (Open Elective)

THIRD SEMESTER

- Television Production (Specialization)
- Digital Journalism (Specialization)
- Digital Media Marketing (Specialization)
- Radio Production
- Kannada Language Press
- Creative Strategy & Communication (Specialization)
- Advertising & Marketing Communication (Prac)
- Environment & Media
- Film Appreciation /Gender & Media (Open Elective)
- Internship

FOURTH SEMESTER

- Dissertation
- Online Broadcasting (Specialization)
- Magazine Journalism (Specialization)
- Instructional Designing & Content Writing (Specialization)
- Media & Cultural Studies
- Political Communication
- Project



Highlights of the Program :

- Community Radio Sarang 107.8 FM of the College to aid student learning in radio production.
- Well equipped TV Studio, Digital Print, Lab Journals, TV bulletins on local channels, Podcasts Etc.
- Practical exposure to media on a regular basis.
- Lectures and workshops by well known personalities from the industry.
- Creating online videos and podcasts

Eligibility Criteria:

Candidates who have passed any Bachelors degree examination of Mangalore University or any University considered as equivalent thereto are eligible for the programme provided they have secured a minimum of 45% (40% for SC/ST/ Category-I candidates) in aggregate including languages and group III

For more information contact :
The Principal or
Ms Bhavya Shetty, HOD
Mobile: 9880944119

MSW (MASTER OF SOCIAL WORK)

Objectives of the Programme:

- Our graduates will demonstrate professional language of social work.
- Our graduates demonstrate value based professionalism & volunteerism.
- Our graduates will demonstrate the skills to practice professional social work.

Programme Content:

FIRST SEMESTER

- Social Work-History & Ideologies
- Case Work Practice
- Group Work Practice
- Dynamics of Human Behaviour
- Concurrent Field Work Practicum - I

THIRD SEMESTER

- **Open Elective** - Human Rights & Social Defence
- Core Papers :
- Social Welfare Administration
 - Human Rights Perspectives for Social work
 - Concurrent field work Practicum-III
- Specialization : C. D
- Tribal, Rural and Urban Development
 - Citizen Participation & Local Self Governance
- MPSW
- Counselling: Theory & Practice
 - Psychiatric Social Work
- HR
- Human Resource Management & Development
 - Labour Legislation & Industrial Relations

SECOND SEMESTER

- Open Elective:** Indian Social Problems & Interventions
- Social Sciences Perspectives for Social Work
 - Community Organization & Social Action
 - Social Work Research & Statistics
 - Concurrent Field Work Practicum-II

FOURTH SEMESTER

Core papers:

- Project Planning & Management
- Research Project
- Concurrent field work Practicum - IV

Specialization : C. D

- Education for Development
- Corporate Social Responsibility

MPSW

- Medical Social Work
- Working with Children & Families

HR

- Employee Welfare in India
- Organisational Behaviour & Development

Highlights of the Programme :

- Social intervention through training and field action projects.
- Two days of concurrent field work in a week.
- An intensive Rural Exposure Camp.
- Specialization wise study tour.
- Orientation Visits
- Summer placement and Block Internship.

Specializations offered:

1. Community Development (CD)
2. Human Resource Development (HRD)
3. Medical and Psychiatric Social Work (MPSW)

Eligibility criteria :

Candidate shall have passed any Bachelor degree examination of Mangalore University or any other considered as equivalent thereto are eligible for the programme provided they have secured a minimum of 45%(40% for SC/ST category candidates) marks in optionals. Preference is given to deputed candidates who have served in approved Government Organization or Non-Government Organizations.

For more information contact :
The Principal or
Dr. Shwetha Rasquinha, HOD
Mob: 9448215481

Objectives of the Programme :

- To provide theoretical and practical knowledge in accounting and finance as required by the industry.
- To provide an exposure to the practical business world through Industry Institution interaction.
- To nurture standards of professional excellence, integrity, honesty and fairness.
- To attract industries and institutions of repute for campus recruitment.

Programme Content:

FIRST SEMESTER

- Accounting Theory and Practice
- Financial Management and Policy
- Income Tax
- Economic Environment and Policy
- Corporate Law, Ethics and Governance
- Quantitative Techniques for Decision Making
- Working Capital Management

SECOND SEMESTER

- Corporate Accounting and Reporting
- Corporate Financing and Investment Decisions
- Business Taxation
- Business Statistics
- Research Methodology and Ethics
- E-Business
- Internship
- Personal Finance and Investment Planning – Open Elective

THIRD SEMESTER

- Equity Research and Security Market Operation
- Mergers, Acquisitions and Corporate Restructuring
- Investment Banking and Financial Services
- Corporate Tax Planning
- Contemporary Issues in Accounting
- Insurance and Bank Management
- Entrepreneurial Development – Open Elective

FOURTH SEMESTER

- Project
- International Financial Management
- Derivatives and Risk Management
- Cost and Management Accounting
- Portfolio Theory and Management
- Computer Applications in Business
- Marketing Management

Highlights of the Programme :

- Curriculum consists of theory and practical components in Finance and Accounting.
- Compulsory internship in large scale business undertaking.
- Compulsory project in the fourth semester.
- Exposure to research in finance and accounting.

For more information contact :

The Principal or
Ms Jennifer Maria Quadras, HOD
Mob : 9108058110

Eligibility Criteria:

Candidates who have passed the three year B.Com/BBA/BBM degree examination of Mangalore University or any other University considered as equivalent thereto are eligible for the programme provided they have not obtained less than 45% (40% for SC/ST/ Category-I candidates) marks in aggregate in all the subjects excluding languages and group III subjects.

M.COM. (FINANCE AND ANALYTICS)

Objectives of the Program

- Provide theoretical and practical knowledge in accounting and finance as expected by the industry
- Program will provide exposure to the practical business world through industry – institution interaction in the field of finance and accounting.
- Emphasizing research in finance and accounting through research projects.
- Providing ready corporate employment to the students studying this programme
- To attract industries and institutions of repute for campus recruitment to provide employment to the students of the present program.

Programme Content:

FIRST SEMESTER

- Financial Statements Analysis
- Working Capital Management
- Income Tax
- EXCEL for Business & Finance
- Business Statistics
- Economic Analysis for Decision making
- Financial Management and Policy

SECOND SEMESTER

Open Elective: E- Business

- Accounting for Managerial Decisions
- Corporate Financing and Investment Decisions
- Tally for Business Applications
- Goods and Services Tax & Customs
- Research Methodology and Ethics
- E-Business
- Internship

THIRD SEMESTER

Open Elective: Corporate Culture and Ethics

- Equity Research and Security Market Operation
- Mergers, Acquisitions and Corporate Restructuring
- Investment Banking and Financial Services
- Data Analysis using SPSS
- Corporate Tax Planning
- Insurance and Risk Management
- Corporate culture & ethics

FOURTH SEMESTER

- International Financial Management
- Cost Analysis for Managerial Decisions
- R for Data Analysis
- Project
- Financial Derivatives
- Corporate Law, Ethics and Governance
- Business Analysis and Valuation
- Portfolio Theory and Management

Highlights of the Program :

- Curriculum consists of theory and practical components in Finance and Accounting.
- Compulsory internship in large scale business undertaking.
- Compulsory project in the fourth semester.
- Exposure to research in finance and accounting.

For more information contact :
The Principal or
Mr Joyan D Souza, HOD
Mob : 8903838343

Eligibility

Candidates who have passed recognized Degree in Commerce/ Management/ any other Degree equivalent to Commerce/ Business Management and obtained an aggregate of 45% and above marks are eligible for admission.

PLACEMENTS, TRAINING & CAREERS CELL

Facilitating Growth

Our department works to ensure that the only thing that you need to worry about on the day of the interview is letting your uniqueness shine through with our :

- 200 dedicated systems with-to-date technical specifications.
- High-speed uninterrupted internet all over the campus
- 7 exclusive auditoriums with a seating capacity of 200-500 with all facilities for Pre-Placement Talks
- 4 air-conditioned conference rooms
- Dedicated facilities to conduct interview and Group discussions
- State of Art Video Conferencing Setup

Our Objectives

- ✦ To counsel students in various higher education and research opportunities in India and abroad
- ✦ To encourage learning by experience, among the students by, arranging for internships and projects in industry.
- ✦ To provide necessary information and training for various competitive examinations like IELTS, TOEFL, CAT, MAT, GMAT, GATE, Banking examinations, Public and Civil Services examinations to the Students.
- ✦ To conduct meet and greet sessions, seminars, workshops and webinars by various industry experts to help build knowledge, confidence and industry exposure among the students of the college.
- ✦ To encourage student interest in international proficiency certifications.
- ✦ To keep the students updated on various off-campus recruitments, internships, research opportunities and provide information on the application process.
- ✦ To facilitate constant learning and upskilling among students by organizing aptitude and soft skill training for the students.
- ✦ To encourage learning by experience among the students by, arranging for internships and projects in the industry.

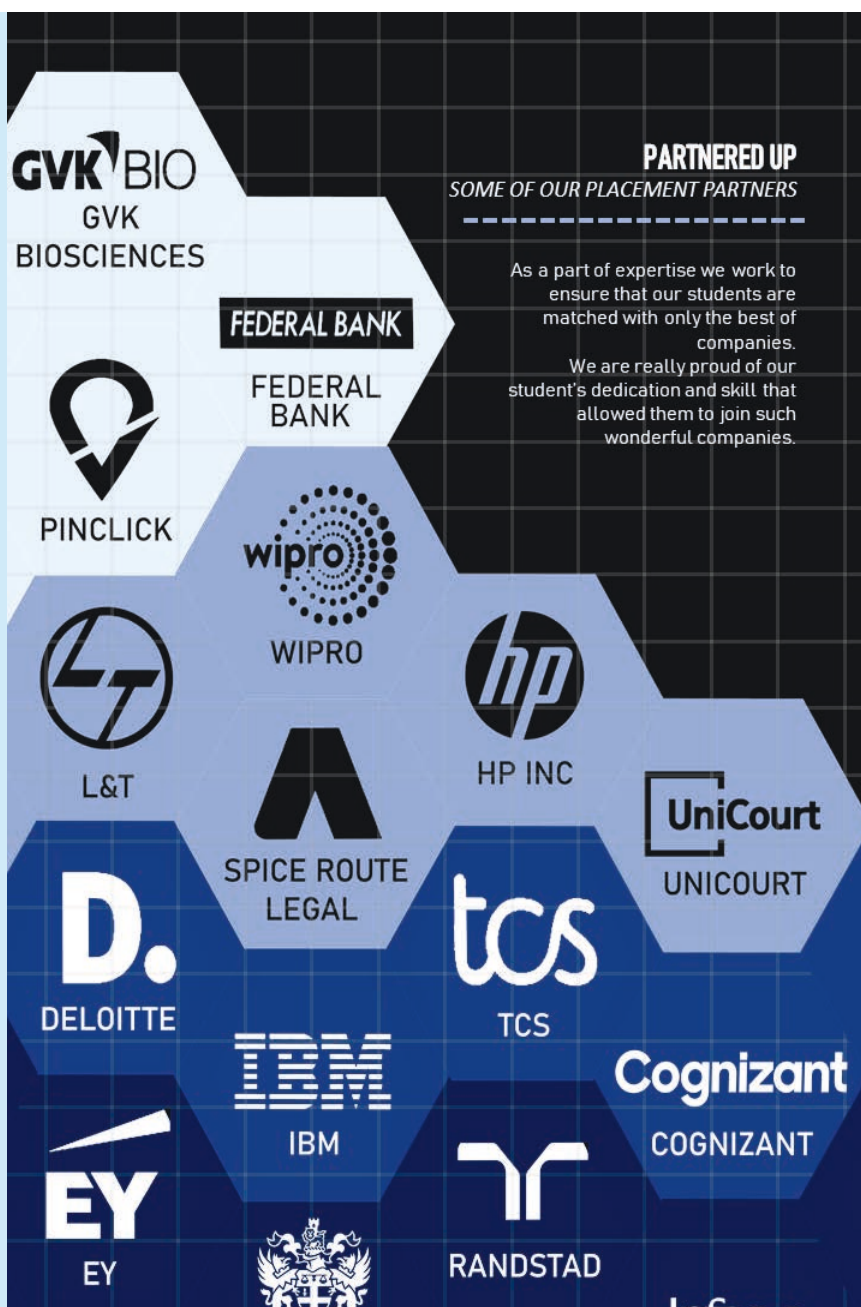
For more information contact:

Mrs Fiona Shawn Soans

Mob: 9611641525

Kavitha V. V.

Mob: 9964119548



ENTREPRENEURSHIP, INNOVATION AND RESEARCH

Entrepreneurship Cell

E-Cell (Entrepreneurship Cell) aims to assist and promote aspiring entrepreneurs from the stage of ideation to commercialisation of businesses by creating awareness during their Graduate & Post graduate degrees at Aloysius and exposing them to channels of varied opportunities that help nurture the spirit of entrepreneurial thinking, promote business knowledge and instil confidence in budding entrepreneurs.



St Aloysius Incubation Centre (SAIC)

St Aloysius Incubation Centre (SAIC) Mangaluru, a unit of St Aloysius College (Autonomous), Mangaluru has a vision to encourage men and women who have an idea, a product and an ardent desire to realise their dreams of creating and innovating product or services or both for the ultimate benefit of the larger section of the society. It is an initiative set up by Entrepreneurship and Innovation Cell, St Aloysius College (Autonomous) to nurture Innovation and Entrepreneurship culture among the students, faculty, and alumni to enable them to transform their innovative business ideas into reality. The centre aims to cultivate individual talents, skills and personality to give each business the best possible start, thus nurturing Entrepreneurship at a local and national level.



Research

Being one of the premier institutions of higher education in the country the College in realized the importance and need to systematically gear up research activities. As the first step it established the Office of Dean of Research –a separate entity under the direction of the Principal – to promote the research ambience, create and sustain a research culture, motivate staff and students to engage in research activities. The aim is to inspire, guide and coordinate the initiatives of the staff and students towards doctoral and post-doctoral research in the sciences and the humanities. It also aims at completing major and minor research projects, organizing national and international conferences, presentation of research papers and their publication in reputed journals, and similar other research-related matters.

INDUSTRY COLLABORATIONS & INTERNATIONAL COLLABORATIONS

Industry Collaborations

Industry-Academia interaction and MoUs with corporate sectors and research institutions have ensured that students obtain the best possible exposure. Industry representatives are included in the Governing Body, Academic Council and BOS of every department. The College gets first-hand information on the current trends and requirements through the feedback from employers and alumni/ae so that manpower suited to both academia and industry are generated.



International Collaborations

St Aloysius College has drawn 31 MOUs out of which 17 are with universities abroad, in the U.S., Spain, Germany, UK, and New Zealand. Starting in 2016, Management and IT students of St Aloysius have completed add-on courses from a university in the U.S. that has acknowledged the course completion with certificates issued to the students.

Some of our Note Worthy Collaborations are with:

- | | |
|--|-----------------------------|
| • State University Of New York (SUNY) | Cortland, NY, United States |
| • Lindenwood University | Missouri, United States |
| • Ottawa University | Kansas, United States |
| • Harrisburg University | Pennsylvania, United States |
| • Universidade Catolica del Uruguay | Montevideo, Uruguay |
| • Saint Louis University Madrid Campus | Madrid, Spain |
| • Universiti Malaysia Sabah | Sabah, Malaysia |



Our Student of BA Ms Sowmya Clara at Universidad Católica de Valencia, Spain for Student mobility programme under Erasmus Project.



POSTGRADUATE CERTIFICATE COURSES

CORPORATE PSYCHOLOGY

Psychology of Personality

ECONOMICS

Environmental Economics

ENGLISH

An overview to Crime Fiction

MASS COMMUNICATION AND JOURNALISM

Business Communication for 21st Century

SOCIAL WORK

- Basics of Human Resource Management
- Essential Life skill education
- Fundamentals of Disaster Management

MCom F & A

- Excel for Business and Finance
- Introduction to Corporate Finance Fundamentals
- Savings - A lifeline

MCOM GENERAL

- UGC Net Commerce - Part 1
- UGC Net Commerce - Part 2

CHEMISTRY

- Cosmetic Chemistry
- Culinary Chemistry - Everyday Chemistry of Cooking
- Molecular Spectroscopy - A Theoretical Approach
- Reagents in Organic Synthesis
- Separation Techniques in Chemical Analysis
- Spectral Introspection of Organic Compounds

MATHEMATICS

- Problem Solving in Linear Algebra
- Topology of Metric Spaces

PHYSICS

- Intellectual Property Rights
- Laser and its Application
- Understanding Radiation Benefits and Hazards

BIOCHEMISTRY

- Introduction to emerging Viral Disease and Diagnostics
- Basic Concepts of Bioanalytics
- Cell Culture Techniques
- Molecular Diagnostics

FOOD SCIENCE

- Food Analysis and Instrumentation
- Food Safety and Quality Control
- Holistic Nutrition and Wellness
- Sports Nutrition

Ph.D. PROGRAMMES

St Aloysius College (Autonomous) is recognized as Research Center by Mangalore University. All Postgraduate departments of the College are recognized for research activity and 12 staff members are recognized as Research Guides.

The following staff members are approved guides:

Ph.D Guides:

- | | |
|--|----------------|
| 1. Dr Asha Abraham - Biotechnonology | Ph: 9449555802 |
| 2. Dr Shashi Kiran - Biotechnonology | Ph: 9343141691 |
| 3. Dr Ratan Tilak Mohunta - English | Ph: 9845664617 |
| 4. Dr Alwyn D Sa - English | Ph: 9845216802 |
| 5. Dr Sylvia Rego - English | Ph: 9611389376 |
| 6. Dr Melisa Goveas - English | Ph: 9945901031 |
| 7. Dr Richard Gonsalves - Chemistry | Ph: 9845023518 |
| 8. Rev. Dr Praveen Martis SJ - Chemistry | Ph: 9901483231 |
| 9. Dr Ronald Nazareth - Chemistry | Ph: 9448154267 |
| 10. Dr Jyothi Rao - Chemistry | Ph: 9964019369 |
| 11. Dr Vinolla Rodrigues - Chemistry | Ph: 9900813140 |
| 12. Rev. Dr Melwyn S Pinto - Journalism & Mass Communication | Ph: 8861758170 |

Postgraduate Departments Recognised as Research Centres by Mangalore University

Biotechnology

Biochemistry

Chemistry

Mathematics

Physics

Food Science & Technology

English

Economics

Psychology

Journalism & Mass Communication

Social Work

Commerce

How to apply:

Mangalore University notifies for PhD registration twice a year through their website www.mangaloreuniversity.in or through Newspaper. Students who register will have to write an entrance test on a prescribed syllabus. Those who qualify in the test will have to attend an interview and then choose an approved guide of the university through counselling.

NET passed students are exempted from entrance test
For more information contact :
Dr Chandra Shekar Shetty T, Research Coordinator
St Aloysius College (Autonomous)
Mob: 9448249153. email: cssheety.sac@gmail.com
Office: 0824- 4117701/2

PGDBM/DBM

- One year Post Graduate Diploma programmes in Business Management (PGDBM).
- Diploma in Business Management (DBM) spread over 2 semesters

Objectives of the Course :

1. To impart management education integrated with human values and discipline.
2. To produce highly competent managerial talent to match today's changed needs of business and industry.
3. To train the student to acquire the skills needed to become self employed professionals and entrepreneurs

Course Content:

FIRST SEMESTER

- Organization Behavior
- Materials Management and Stores Control
- Accounting and Finance for Managers
- Human Resource Management & Industrial Relations
- Entrepreneurship & Small Business Management

SECOND SEMESTER

- Retail Management
- Marketing Management
- Indian Business Environment
- Production & Operations Management
- Project Management & Project Study

Eligibility Criteria :

- Bachelor degree in any discipline.
- Students awaiting results can also apply. But they must produce the degree certificate by December 2022
- Sponsored candidates from business given preference.

Teaching pedagogy: The pedagogy includes lecture sections, guided group discussions, analyzing case studies, management games,

role playing, project studies and industry visits.

Class Timings: Monday to Friday 10:30 pm to 3.00 pm

A Career Oriented Experience in Business and Management

Special Features:

- A job oriented Programme
- Imparts theoretical and practical knowledge to manage a Business Successfully.
- Recognised by Government, Business and Industry.
- A valid connecting link to pursue MBA studies abroad.
- Visits to Factories and Industrial tours organized.
- Personality and leadership development seminars and management related workshops conducted.
- Programmes on Management Development conducted in association with the Ministry of Industry, Govt. of India.
- Training in Soft Skills, Managerial Grooming and Business Etiquette arranged.

Career Opportunities

After completion of the course students are absorbed in senior and middle level positions in manufacturing and service oriented enterprises in the following functional areas.

- Materials control, purchasing and stores Management
- Human resource Management and Industrial Relations
- Marketing and Retail Management
- Finance and Accounting
- Business Process outsourcing and Information technology.
- Banking
- Project Management

For more information contact :

The Principal or Prof. Edmund Frank, Dean & HOD

Mobile : 7975369402

Office : 0824 - 4117702

PGDHRM/DHRM

One Year PG Diploma in Human Resource Management (PGDHRM) Monday to Friday

Course Highlights:

- Four subjects in each semester (Total of Two Semester)
- Each Semester Total 40 Hours class per subject (inclusive of Industrial Visits)
- Advance concepts in Human Resource Management
- Visits to Industrial Units
- Guest Lectures by Experts from the Industry
- HR Meets and Seminars
- Placement Assistance

For more information contact :

Dr. Vidya Vinutha D'Souza, Mobile : 9591346471

Office : 4117701; (0824) 4117702

For Admissions please contact:
College Reception Counter

POSTGRADUATE DEGREE COURSES AT AIMIT

- MCA : Master of Computer Applications (Three year six semester course including project work)
- M.Sc. : Bioinformatics (Two year four semester course including project work)
- M.Sc. : Software Technology (Two year four semester course including project work)
- MBA. : Master of Business Administration (Two year four semester course including project work)
- M.Sc. : Big Data Analytics (2 year 4 semester course)
- M.Sc. : Data Science (2 year 4 semester course)
- PGDCA : Post Graduate Diploma in Computer Applications

Prospectus and application form is available in AIMIT Campus, Beeri, Mangalore. Ph: 2286881, Mob: 7349710075

***APPLICATION ARE ALSO AVAILABLE IN THE COLLEGE WEBSITE**

www.staloysius.ac.in/aimit.edu.in

B.VOC.

The University Grants Commission (UGC) has launched a scheme on skills/development based higher education as part of college/university education, leading to Bachelor of Vocation (B.Voc.). St Aloysius College was awarded this status of Prestigious Kaushal Kendra by UGC to run three B.Voc. courses such as Retail Management, Food Processing and Engineering, Animation & Multimedia from the academic year 2022-2023.



Courses offered

- Renewable Energy Management
- Software Development
- Retail Management
- Food Processing and Engineering
- Animation & Multimedia

The Course has 4 stages with 6 semesters.

Semester-1 : Certificate Programme

Semester-2 : Diploma

Semester-3 & 4 : Advanced Diploma

Semester- 5 & 6 : B.Voc Degree

Salient features of the Course :

- Equipping students with knowledge, practice, & necessary job oriented skills enabling them to gain suitable
- Curriculum collaborated with the industry requirements.
- Credit based Semester system
- Exposure to real time application development at the end of each semester except first semester.
- Certification of skill component by NSDC and various Sector Skill Council.
- Collaborations with Industries for training and placements.
- Internship in industry : partnership with 12 firms
- Multiple exit points in 4 stages
- Innovative and Career Oriented



Eligibility

Basic eligibility for B.Voc is 10+2 and above in any stream (No age limit)



ESTD : 1880

ST ALOYSIUS INSTITUTE OF CIVIL SERVICES

A unit of St Aloysius Institutions

in association with

INSIGHTS IAS



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SIMPLY THE BEST EXAM PREPARATION

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2023**

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CLASSROOM
PROGRAM**

COURSE HIGHLIGHT

- ▶ 8 months' extensive coaching
 - ▶ Special sessions from Retired IAS/IPS officers
 - ▶ Holistic NCERT coverage
 - ▶ Strategic coverage on Current Affairs
 - ▶ Complete preparation for the Mains with answer writing training
 - ▶ Well equipped library with a collection of more than 4000 books for UPSC preparation with free WIFI access.
- (Timing : 7:00 am. - 8:30 pm.)
- ▶ Efficient, Enlightened and ever supportive Mentors and staff for assistance



**GIFT YOURSELF A MUCH EVOLVED, MATURE,
MORE RESPONSIBLE AND LEARNED PERSON THIS YEAR!!**



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ONLINE
USING THIS
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CONTACT US:

Mail: civilservices@staloyusius.edu.in

We can talk/WhatsApp @: 9380310366/9380462158

INDIRA GANDHI NATIONAL OPEN UNIVERSITY

(UNDER MHRD, GOVT OF INDIA)

ಇಂದಿರಾ ಗಾಂಧಿ ರಾಷ್ಟ್ರೀಯ ಮುಕ್ತ ವಿಶ್ವ ವಿದ್ಯಾಲಯ

(ಮಾನವ ಸಂಪನ್ಮೂಲ ಅಭಿವೃದ್ಧಿ ಸಚಿವಾಲಯ, ಭಾರತ ಸರ್ಕಾರ)

ST ALOYSIUS COLLEGE (AUTONOMOUS), MANGALORE | Study Centre (1302)

Light House Hill, Post Box No 720, Kodialbail, Mangaluru - 575 003, D.K. Karnataka

Indira Gandhi national Open university's ADMISSION to its Academic Programmes offered through ODL mode :

● For January Session - Register from the month of October onwards ● For July session- Register from the month of May onwards

Admission through online - visit www.ignou.ac.in

Refer prospectus for eligibility, Programme Fees, Study details etc visit the Study Centre/www.ignou.ac.in

IGNOU's Degrees, PG Degrees, PG Diploma & Certificates are at par with any other University
and are recognized by UGC, AICTE, NCTE, State and Central Govt Sectors/PSUs & MNC's

Note : Regular college students who are pursuing -PUC, Degree, Master degree can also enroll for various programmes as an additional qualification to enhance their skill, knowledge and competency

MASTER DEGREE PROGRAMME

Master of Computer Applications(MCA)
(New - 2 year)
Master of Business Administration (MBA)
Master of Business Administration
(Banking & Finance)-MBA(B&F)
Master of Commerce (M.com)
Master of Commerce in Finance & Taxation
(M.Com-F&T)
Master of Arts Economics (MEC)
Master of Arts English (MEG)
Master of History (MAH)
Master of Arts Political Science (MPS)
Master of Arts Public Administration (MPA)
Master of Arts Rural Development (MARD)

Master of Arts Sociology (MSO)
Master of Social Work (MSW)
Master of Social work - Counseling (MSWC)
Master of Tourism & Travel Management
(MTTM)

BACHELOR'S DEGREE PROGRAMME

Bachelor of Arts (BA)
Bachelor of Arts General (BAG)
Bachelor of Commerce (B.Com)
Bachelor of Commerce (B.Com - F & CA)
Bachelor of computer Applications (BCA)
Bachelor of Social Work (BSW)
Bachelor of Tourism Studies (BTS)

POST GRADUATE DIPLOMA PROGRAMMES

POST GRADUATE DIPLOMA IN CORPORATE SOCIAL RESPONSIBILITY (PGDCSR) (NEW)

Post Graduate Diploma in Computer Applications
(PGDCA)
Post Graduate Diploma in Disaster Management
(PGDDA)
Post Graduate Diploma in Financial Management
(PGDFM)
Post Graduate Diploma in Marketing Management
(PGDMM)
Post Graduate Diploma in Operations Management
(PGDOM)
Post Graduate Diploma in Human Resource
Management (PGDHRM)
Post Graduate Diploma in International Business
Operations (PGDIBO)

Post Graduate Diploma in Rural Development
(PGDRD)

DIPLOMA PROGRAMMES

Diploma in Creative Writing in English (DCE)
Diploma in Nutrition and Health Education
(DNHE)
Diploma in Women's Empowerment and
Development (DWED)
Diploma in Early Childhood Care and Education
(DCCE)
Diploma in Tourism Studies (DTS)

CERTIFICATE PROGRAMMES

Certificate in Business Skills (CBS)
Certificate in Consumer Protection (CCP)
Certificate in Disaster Management (CDM)
Certificate in Environmental Studies (CES)

Certificate in Functional English (CFE)
Certificate in Food and Nutrition (CFN)
Certificate in Food Safety (CFS)
Certificate in Human Rights (CHR)

Certificate in Guidance (CIG)
Certificate in Information Technology (CIT)
Certificate in Nutrition and Childcare (CNCC)
Certificate in NGO Management (CNM)

Certificate in Food Safety (CFS)
Certificate in Rural Development (CRD)
Certificate in Teaching of English (CTE)
Certificate in Tourism Studies (CTS)

Contact: 9480515334, 0824-2449734

Email: ignou@stalloysius.edu.in

U.G.C. REGULATIONS ON CURBING OF RAGGING IN HIGHER EDUCATION INSTITUTIONS.

Notice to students

Sub: letter dated F No -2-29/Anti ragging/ UGC-SWRO/2015-16. DTD 28/9/2015

UGC – Anti Ragging Helpline 1800-180-5522(24x7) Toll Free.

Email: helpline@antiragging.in

“INSTITUTION” means a higher educational Institution, a college, imparting education beyond 12yrs of schooling to a degree.

Ragging means the following:

1. Any conduct whether by words spoken or written or by an act which has the effect of teasing.
2. Treating or handling with rudeness any other student.
3. The effect of teasing, treating or handling with rudeness of any other student.
4. Indulging in rowdy or undisciplined activities which cause or is likely to cause annoyance.
5. Hardship or psychological harm or to raise fear or apprehension thereof in a fresher or a junior student.
6. Asking the students to do any act or perform something which such student will not in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or psyche of a fresher or a junior student.

PUNISHABLE INGREDIENTS OF RAGGING:

1	Abetment to ragging	8	Criminal intimidation
2	Criminal conspiracy to rag	9	Extortion, Criminal trespass
3	Unlawful assembly & rioting while ragging	10	Offences against property
4	Public nuisance created during ragging	11	Physical & Psychological Humiliation
5	Violation of decency & morals through Ragging	12	Use of criminal force
6	Injury to the body causing hurt or grievous hurt	13	Attempt to commit any or all of the above mentioned against the victim (s)
7	Wrongful restraint, confinement.	14	Assault as well as sexual offences or unnatural offences
		15	All other offences following from the definition of “Ragging”

The U.G.C. D.O.No. F.3.2/2021/(ARC)

Revised Procedure for students (UG/PG) to fill online Anti-Ragging Affidavit to the following websites www.antiragging.in and www.amanmovement.org

How to go to the website and required procedure to be filled

The revised procedure:

Step 1: A student will submit his/her details on the same web sites- www.antiragging.in and www.amanmovement.org as before.

Step 2: The student will receive an e-mail with his/her registration number and web link. The student will forward the link to the e-mail of the Nodal Officer in his/her university/college.
(The student will not receive PDF affidavits and he/she is not required to print and sign it as used to be the case earlier).

Step 3: The Nodal Officer in the university/college can click on the link of any forwarded e-mails that he/she will receive from any student of his/her college to get the list of those students who have submitted Anti Ragging Affidavits/Undertakings in his/her college. The list will be updated every 24 hours.

ACTION BY THE COLLEGE

As per the above mentioned conduct, any individual or group of students belonging to the institution, indulge in this action inside or outside the campus & while commuting is punishable as per the provisions of the Act of central & state Governments, which is considered ragging as a cognizable offence under the law on par with atrocities against women, all ill-treatment to person belonging to the marginal section of society.

All information regarding this issue, shall be given to the below mentioned authorities in person or in writing or through suggestion box. All details will be kept confidential and appropriate actions will be taken as per the law.

Nodal Officer: Dr Roshan Monteiro

Contact Details: 8073852946

Email: antiraggingcell_sac@stalloysius.edu.in

St Aloysius College Alumni Association (SACAA)

St Aloysius Institutions have seen generations of students pass through its doors. It has become known for its contributions to society. Once an Aloysian, always an Aloysian, as the saying goes.

The aim of the St Aloysius College Alumni Association (SACAA) is to bridge the gap between the College and its alumni. It started as an Old Boys Association in 1901 and was later registered as SACCA in 1991. In the year 2000, SACAA was incorporated under the Society Act. The presidency of the association was passed to the laity in 1991. More than 14,000 graduates have joined the association as life members. The goal is to bring alumni and students together and create an environment where alumni can help students by providing encouragement and motivation.

SACAA assists students in reconnecting with classmates, old acquaintances, and teachers. Through SACAA, students may reminisce, share news, rebuild friendships, and possibly form business partnerships. As a result, SACAA urges students to register as Alumni and become members of the Association.



Undergraduate Courses

BA (Bachelor of Arts) Degree Course

OPTIONALS

LANGUAGES

English Hindi
Kannada
Konkani
Addl. English
Malayalam
French

- | | | | |
|----------------|--------------------|-----------------------|--------------------|
| 1. History | Economics | 18. Journalism | Computer Animation |
| 2. History | Political Science | 19. Journalism | Kannada Major |
| 3. History | Psychology | 20. English Major | Economics |
| 4. History | Social Work | 21. English Major | Political Science |
| 5. History | Computer Animation | 22. English Major | Psychology |
| 6. History | Kannada Major | 23. English Major | Social Work |
| 7. Sociology | Economics | 24. English Major | Computer Animation |
| 8. Sociology | Political Science | 25. English Major | Kannada Major |
| 9. Sociology | Psychology | 26. English Major | Journalism |
| 10. Sociology | Social Work | 27. Political Science | Economics |
| 11. Sociology | Computer Animation | 28. Political Science | Psychology |
| 12. Sociology | Kannada Major | 29. Political Science | Social Work |
| 13. Sociology | English Major | 30. Political Science | Computer Animation |
| 14. Journalism | Economics | 31. Political Science | Kannada Major |
| 15. Journalism | Political Science | 32. Political Science | English Major |
| 16. Journalism | Psychology | 33. History | English Major |
| 17. Journalism | Social Work | 34. History | Journalism |

BSc. (Bachelor of Science) Degree Course

OPTIONALS

LANGUAGES

English Hindi
Kannada
Sanskrit
Addl. English
Malayalam
French
Konkani

Physical Sciences

- | | |
|-----------------------|-------------|
| 1. Chemistry | Mathematics |
| 2. Chemistry | Physics |
| 3. Computer Animation | Mathematics |
| 4. Computer Animation | Physics |
| 5. Computer Science | Electronics |
| 6. Computer Science | Mathematics |
| 7. Computer Science | Physics |
| 8. Computer Science | Statistics |
| 9. Economics | Mathematics |
| 10. Economics | Statistics |
| 11. Electronics | Mathematics |
| 12. Electronics | Physics |
| 13. Mathematics | Physics |
| 14. Mathematics | Statistics |
| 15. Physics | Statistics |

Biological Sciences

- | | |
|------------------|-----------|
| 1. Biochemistry | Botany |
| 2. Biochemistry | Chemistry |
| 3. Biochemistry | Zoology |
| 4. Biotechnology | Botany |
| 5. Biotechnology | Chemistry |
| 6. Biotechnology | Zoology |
| 7. Botany | Zoology |
| 8. Botany | Chemistry |
| 9. Microbiology | Botany |
| 10. Microbiology | Chemistry |
| 11. Microbiology | Zoology |
| 12. Food Science | Chemistry |
| 13. Zoology | Chemistry |

B Sc Visual Communication

B Voc (Bachelor of Vocational Courses)

B Com (Bachelor of Commerce) **Regular, ACCA and Professional (8 Batches)**

B B A (Bachelor of Business Management) **Regular and Professiona (3 Batches)**

B C A (Bachelor of Computer Application) **(2 Batches)**



St Aloysius College (Autonomous)

P.B. No. 720, Mangaluru 575 003

Ph: 4117701/ 4117702

email: principal@stalloysius.edu.in

website: www.stalloysius.edu.in, www.stalloysius.ac.in/ aimit.edu.in