

# ST ALOYSIUS COLLEGE (Autonomous) Mangaluru - 575 003

Re-accredited by NAAC with 'A' Grade with a CGPA-3.62  
Ranked 44 in colleges category by NIRF, MHRD, Government of India  
Recognized by UGC as " College with Potential for Excellence"  
College with 'STAR STATUS' conferred by DBT, Government of India



**Prospectus 2018-19**  
Post Graduate Programmes

*Welcome to*

**St Aloysius College (Autonomous)**



**For more information contact:**  
St Aloysius College (Autonomous)  
P.B. No. 720  
St Aloysius College Road,  
Mangaluru – 575 003  
Or log on to  
[www.staloyisus.edu.in](http://www.staloyisus.edu.in),  
[www.staloyisus.ac.in](http://www.staloyisus.ac.in)  
[Principal@staloyisus.edu.in](mailto:Principal@staloyisus.edu.in),  
Facebook:principal Aloysius

## ST ALOYSIUS INSTITUTIONS TELEPHONE NUMBERS

(STD Code 0824 ISD Code: 0091)

College	: 2449700 / 01
Principal	: 2449703
Fax	: 2449705
Rector	: 2449702
Jesuit Residence	: 2449706 / 07
Registrar	: 2449745
Finance Administrator	: 2449746
Vice Principal - Arrupe Block	: 2449743
Evening College Principal / Office	: 2449714
Library	: 2449708
PG - Office	: 2449709
Alumni Association (SACAA)	: 2449710
Beeri Campus Office	: 2286881/82
Director	: 2286883
Director - Applied Biology	: 2449719 / 20
Gents Hostel	: 2449724 / 25
Ladies Hostel	: 2449726
Ladies Hostel -PG	: 2449715
IGNOU - Office	: 2449734
Community Radio - SARANG	: 2449744

Contents	Page
Our History	1
Vision and Mission	2
Autonomous System	3
General Regulations	4
M.Sc. Biotechnology	5
M.Sc. Biochemistry	6
M.Sc. Analytical Chemistry	7
M.Sc. Chemistry	8
M.Sc. Mathematics	9
M.Sc. Physics	10
M.Sc. Food Science & Technology	11
M.Sc. Food Nutrition & Dietetics	12
MA English	13
MA Economics	14
M.Sc. Counselling	15
M.Sc. Corporate Psychology	16
MA Journalism & Mass Communication	17
Master of Social Work (MSW)	18
M.Com.	19
M.Com. Finance & Analytics	20
Ph.D Programmes & Research Centre	21
PGDBM/DBM	22
PGDHRM & AIMIT Programmes	23
DDU Kaushal Kendra	24

# OUR HISTORY

Welcome to St Aloysius College

St Aloysius College, (Autonomous)! got Autonomy in June 2007. The autonomous status was further renewed in the year 2012. The Autonomous set up has the freedom to determine and prescribe course of study and syllabi. It has its own rules of admission in conformity with State Government policy. Moreover it has evolved its own methods of assessment of student work, conduct of examinations and notification of results. There will be sufficient freedom to use innovative tools in teaching - learning process and experiment with methodologies in learning. The degree shall be awarded by the Mangalore University.

The college traces its origins to 1880 when European Jesuits who had landed in Mangalore three years earlier set up a college for the education of the local Mangalorean Catholic Youth. In the course of a hundred and thirty six years, St Aloysius College has travelled very far. In 1880, functioning in a single building it was only an upper secondary school but today, the world of St Aloysius College includes in its grand sweep a plurality of buildings

The College has undergone the third cycle of NAAC Accreditation and has been accredited with 'A' grade with the Cumulative Grade Point Average(CGPA) of 3.62, which is one of the highest in the state. It is also re-recognised as the College with Potential for Excellence by UGC till 2019, and conferred with star status by DBT, Government of Karnataka and Community College by UGC. The college is ranked 44 in the country by National Institute Ranking Framework(NIRF). It is also ranked 22 for the Science stream by The Week Magazine.



This Prospectus is designed to help you 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 choice available for you in the course selected.
- The rules and regulations regarding admission during the academic year 2018-2019.
- Other facilities available in the campus.

For additional information and clarifications, you are welcome to approach the College PG office during working hours. It must be remembered that merely purchasing this copy of the College Prospectus does not mean that you have the right of admission to the College.

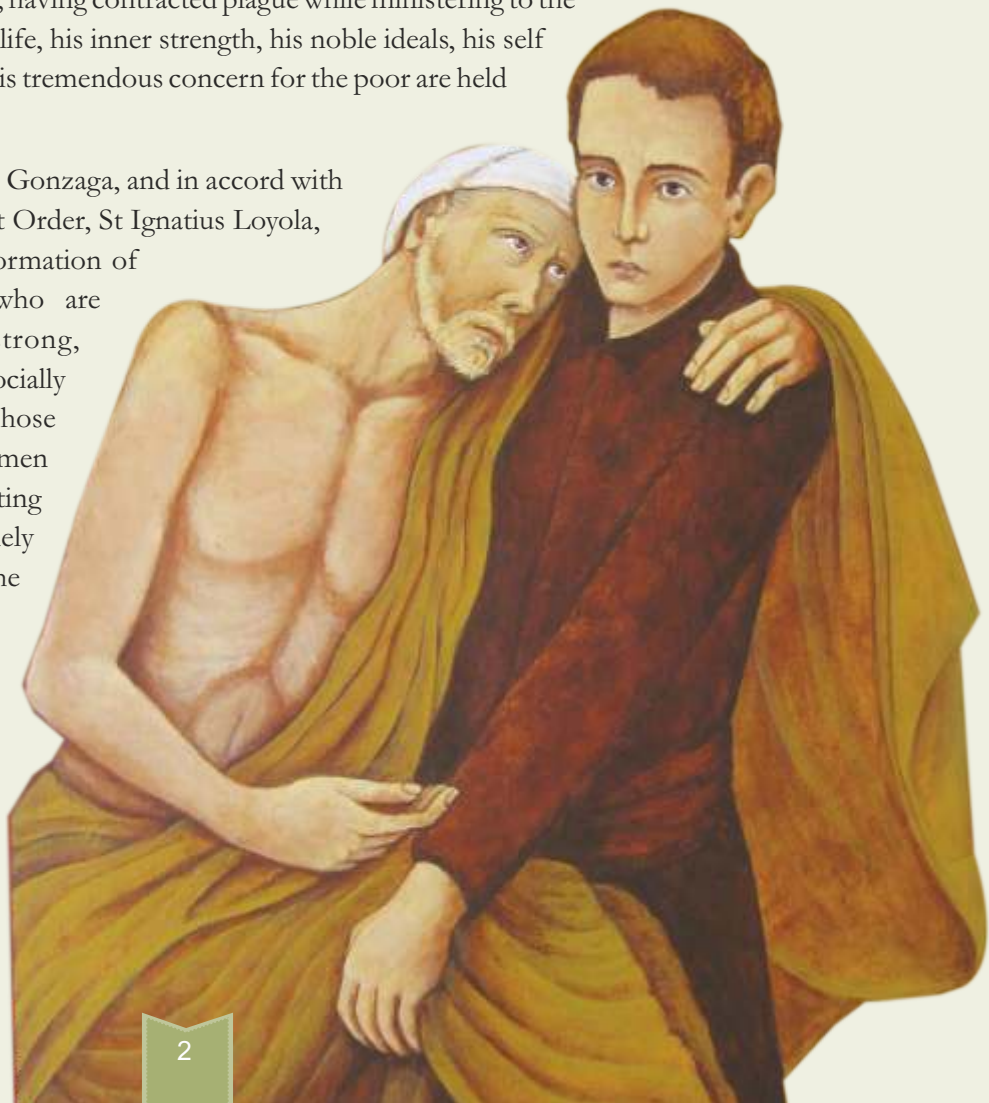
# VISION & MISSION

This premier institution, more than 138 years in 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 preferential option for the poor.

With over 14,000 students, boys and girls, from Primary to Post Graduate and Research Studies Programmes, the Campus is known for its salubrious atmosphere, community culture, excellence in teaching, high degree of discipline, deep mutual respect, abiding spirit of tolerance, strong appreciation for all cultures, deep reverence for all religions, intense attachment to ethical values, state of the art facilities, multiplicity of avenues for all round growth of the individual and efficient as well as enlightened administration, drawing appreciative accolades from the University as well as Governmental bodies.

Our Patron St Aloysius 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, a victim of charity and service of the poor, having contracted plague while ministering to the plague stricken in Rome. His integrity of 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 St Aloysius Gonzaga, and in accord with the teaching of the Founder of the Jesuit Order, St Ignatius Loyola, we on this Campus aim at an 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 and 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 July.
- The even semesters will commence within 10 days after the completion of the end semester examinations.
- A semester will be 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 - 2 attested copies & attested copy of PU & SSLC mark card.
Students who have done Degree course outside Karnataka and outside Mangalore University	Eligibility Certificate from Mangalore University, Migration Certificate issued by the Mangalore University under which candidate has studied / passed, Qualifying Marks Card (original & xerox), Transfer Certificate (original) & attested copy of SSLC and PU marks card.
Foreign students	Eligibility Certificate, Migration Certificate, Qualifying marks card (original & xerox), TStudent 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.

# 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 mobiles is 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 is strictly as per Mangalore University regulations. ([www.mangaloreuniversity.ac.in](http://www.mangaloreuniversity.ac.in))**

# M.Sc. BIOTECHNOLOGY

Objectives of the Course:

- To provide state-of-the art knowledge and skills in the field of Biotechnology.
- To generate manpower trained in Biotechnology suited to meet the needs of the industry and academia.
- To train students to pursue committed research in the field of Biotechnology.
- To have a positive impact on human and animal health, agriculture and environment in the region.

## Course Content:

FIRST SEMESTER	SECOND SEMESTER
<p><b>Theory</b></p> <ul style="list-style-type: none"> <li>• Biochemistry and Metabolism</li> <li>• Microbiology</li> <li>• Cell Biology</li> <li>• Molecular Genetics</li> <li>• Human Genetics</li> </ul> <p><b>Practical</b></p> <ul style="list-style-type: none"> <li>• Biochemistry &amp; Biophysics and Microbiology</li> <li>• Cell Biology &amp; Molecular Genetics</li> </ul>	<p><b>Theory</b></p> <ul style="list-style-type: none"> <li>• <b>Open Elective:</b> Good Manufacturing Practices in Product Development</li> <li>• Molecular Biology</li> <li>• Genetic Engineering</li> <li>• Enzymology</li> <li>• Biochemical and Biophysical Techniques</li> <li>• Bioinformatics and Proteomics</li> </ul> <p><b>Practical</b></p> <ul style="list-style-type: none"> <li>• Molecular Biology &amp; Genetic Engineering</li> <li>• Enzymology &amp; Biochemical and Biophysical Techniques</li> </ul>
THIRD SEMESTER	FOURTH SEMESTER
<p><b>Theory</b></p> <ul style="list-style-type: none"> <li>• <b>Open Elective:</b> IPR and Clinical Research</li> <li>• Industrial Biotechnology</li> <li>• Animal Biotechnology</li> <li>• Plant Biotechnology</li> <li>• Environmental Biotechnology</li> </ul> <p><b>Practical</b></p> <ul style="list-style-type: none"> <li>• Environmental Biotechnology/Plant Breeding and Seed Technology</li> <li>• Animal &amp; Plant Biotechnology</li> </ul>	<p><b>Theory</b></p> <ul style="list-style-type: none"> <li>• Regulatory Affairs and Entrepreneurship</li> <li>• Environmental Biotechnology</li> <li>• Food Biotechnology</li> <li>• Immunology</li> </ul> <p><b>Practical</b></p> <ul style="list-style-type: none"> <li>• Food Biotechnology and Immunology</li> <li>• Dissertation and project presentation &amp; Viva</li> <li>• IPR and Regulatory Affairs</li> <li>• Stem Cell Technology &amp; Regenerative Medicine</li> </ul>

### Highlights of the Course:

- Recognized as Centre for research in Biotechnology by Mangalore University.
- One among 12 institutions selected for the Govt. Of Karnataka's (VGST) sponsored Biotechnology Finishing School(BTFS).
- Three research laboratories for PhD scholars.
- Plant tissue culture and animal cell culture rooms.
- CPCSEA registered Animal house, Green house.

### 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 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. Asha Abraham, HOD.**

Mob: 94495 55802  
Office: 0824 2449700/  
Extn.  
No. 222/223



# M.Sc. BIOCHEMISTRY

## Objectives of the Course:

- To provide state of art knowledge and skills in the field of Biochemistry.
- To generate manpower trained in Biochemistry suited to meet the needs of the research institutions / industry / academia.
- To have a positive impact on human and animal health, agriculture and environment in the region.
- To have 100% placement for all the students who take up this course.



## Course Content:

### FIRST SEMESTER

#### Theory

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

#### Practical

- Bioquantitation
- Analytical techniques
- Experimental Microbiology

### THIRD SEMESTER

#### Theory

- **Open Elective:** Research Methodology & Bioinformatics
- Molecular Biology
- Nitrogen Metabolism & Plant Biochemistry
- Molecular Genetics
- Evolution and Ecology

#### Practical

- Cell & Molecular Biology
- Metabolism and Clinical Biochemistry

### SECOND SEMESTER

#### Theory

- **Open Elective:** Biochemistry of Diseases and Drugs
- Enzymology
- Metabolism
- Clinical Toxicology
- Biotechnology
- Clinical Biochemistry

#### Practical

- Biokinetics
- Practical Biotechnology
- Experiments in Toxicology

### FOURTH SEMESTER

#### Theory

- Immunology
- Cellular Biochemistry
- Genetic Engineering
- Biostatistics & Bioinformatics
- Food Biochemistry

#### Practical

- Biocalculations & Informatics
- Experiments in Food Science

## Highlights of the Course:

- First initiative in whole of Dakshina Kannada.
- Creating a positive impact on human and animal health, agriculture and environment in the region.
- Three state of art laboratories including animal and plant cell culture room.
- Animal house and Green house.

### 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 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  
Head of Department**

Office : 0824-2449700/Extn. No. 604/605



# M.Sc. ANALYTICAL CHEMISTRY

Objectives of the Course:

- To impart sound knowledge in the subject.
- To enthuse students towards research in chemistry.
- To provide motivated and skilled manpower to industry.
- To give opportunities to students for their all round development.

## Course Content:

### FIRST SEMESTER

- Inorganic Chemistry
- Organic Chemistry
- Physical Chemistry
- Principles of Analytical Chemistry & Separation Techniques
- Bioorganic Chemistry
- Computer for Chemists-Practicals
- Inorganic Chemistry Practicals - 1
- Organic Chemistry Practicals - 1
- Physical Chemistry Practicals - 1

### SECOND SEMESTER

- **Open Elective:** Coordination and Bioinorganic Chemistry
- 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:** Polymer Chemistry
- Molecular Spectroscopy
- Organometallic, Bioinorganic & Co-ordination Chemistry
- Electroanalytical Radiochemical & Thermoanalytical Techniques
- Medicinal Chemistry
- Analytical Chemistry Practicals - I
- Analytical Chemistry Practicals - II

### FOURTH SEMESTER

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



## Highlights of the Course:

- Recognized as research centre by Tumkur University.
- Placement in reputed companies like Aputex, Biocon, Astrazeneca, Syngene, BASF, Cipla.
- Well equipped laboratories.
- 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 I/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  
Office : 2449700/Extn. No. 616/617

# M.Sc. CHEMISTRY

## Objectives of the Course:

- To impart sound knowledge in the subject.
- To enable students to pass NET.
- To enthuse students towards research in chemistry.
- To provide motivated and skilled manpower to industry.
- To give opportunities to students for their all round development.

## Course Content:

### FIRST SEMESTER

- Inorganic Chemistry
- Organic Chemistry
- Physical Chemistry
- Principles of Analytical Chemistry & Separation Techniques
- Bioorganic Chemistry
- Computers For Chemists
- Inorganic Chemistry Practicals - 1
- Organic Chemistry Practicals - 1
- Physical Chemistry Practicals - 1

### THIRD SEMESTER

- **Open Elective:** Principles and Applications of Chemistry
- Molecular Spectroscopy
- Organometallic, BioInorganic & Co-ordination Chemistry
- Electrochemistry, Electro and Thermo - Analytical Methods
- Medicinal Chemistry
- Inorganic Chemistry Practicals - III
- Organic Chemistry Practicals - III
- Physical Chemistry Practicals - III

### SECOND SEMESTER

- **Open Elective:** Optical 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 Course:

- Recognized as research centre by Tumkur University.
- Provide motivated and skilled manpower to industry.
- Well equipped laboratories.
- Study tour to industry and research centres.
- NET/SLET Coaching
- High rate of placements in reputed industries

### 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  
Office : 2449700/Extn. No. 616/617



# M.Sc. MATHEMATICS

Objectives of the Course :

- Impart training in Mathematics and to apply it to computers and IT.
- Research exposure in the field of Pure and Applied Mathematics.
- To impart sound knowledge in the subject.
- To provide wide range of electives to enhance the comprehension of the subject.

## Course Content:

FIRST SEMESTER	SECOND SEMESTER	ELECTIVES:
<ul style="list-style-type: none"> <li>• Algebra I</li> <li>• Linear Algebra I</li> <li>• Real Analysis I</li> <li>• Graph Theory</li> <li>• Fluid Mechanics</li> <li>• Operations Research</li> </ul>	<p>Open Elective: Basic Tools in Mathematics</p> <ul style="list-style-type: none"> <li>• Algebra II</li> <li>• Linear Algebra II</li> <li>• Real Analysis II</li> <li>• Numerical Analysis with Computational Lab</li> <li>• Lattice Theory</li> </ul>	<ul style="list-style-type: none"> <li>• Commutative Algebra</li> <li>• Lattice Theory</li> <li>• Analytic Number Theory</li> <li>• Partial Differential Equations</li> <li>• Algebraic Number Theory</li> <li>• Parallel Interconnection Networks</li> <li>• Cryptography</li> <li>• Formal Language</li> <li>• Fluid mechanics</li> <li>• Mathematical Modeling</li> <li>• Combinatorial Methods</li> <li>• Operations Research</li> </ul>
THIRD SEMESTER	FOURTH SEMESTER	
<ul style="list-style-type: none"> <li>• <b>Open Elective:</b> Differential Equations and Applications</li> <li>• Complex Analysis I</li> <li>• Topology</li> <li>• Ordinary Differential Equations</li> <li>• Commutative Algebra</li> <li>• Multivariate Calculus Geometry</li> <li>• Probability Theory</li> </ul>	<ul style="list-style-type: none"> <li>• Measure Theory &amp; Integration</li> <li>• Complex Analysis</li> <li>• Project work</li> <li>• Functional Analysis</li> <li>• Partial Differential Equations</li> <li>• Algebraic Number Theory</li> <li>• Cryptography</li> <li>• Distribution Theory</li> </ul>	



## Highlights of the Course :

- Guest lectures will be arranged from eminent mathematicians and personnel from renowned institutions.
- Regular seminars for the students in the subject area.
- Training for the competitive examination like UGC-NET and GATE.
- Study tours to various mathematical institutions.

## 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, Coordinator.**

Mobile : 9611496024

Office : (0824) 2449700, Extn No. 522

# M.Sc. PHYSICS

Objectives of the Course:

- To impart sound knowledge of the subject to the students.
- To give opportunities to students for their all round development.
- To motivate students towards research in Physics.
- To make students develop skills in teaching Physics as a subject.

## Course Content:

### FIRST SEMESTER

#### Theory Papers:

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

#### Practicals:

- Practical - I                      • Practical - II

### SECOND SEMESTER

#### Theory Papers:

- **Open Elective** : Bio Physics
- Mathematical Physics II
- Quantum Mechanics I
- Statistical Mechanics
- Condensed Matter Physics – I

- Practicals:**      • Practical - II      • Practical - II

### THIRD SEMESTER

#### Theory Papers:

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

### 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 Course:

- Comprehensive syllabus which includes core and modern topics.
- Problem oriented teaching to enhance fundamentals and applications.
- Computational physics laboratory.
- 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.



**For more information contact :**

**The Principal or**

**Dr Chandrashekar Shetty HOD**

Ph : 94482 49153

Office: 0824-2449700/Ext No: 614

## 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 eligible for the programme 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.

# M.Sc. FOOD SCIENCE & TECHNOLOGY

Objectives of the Course :

- To generate human resource with a competitive edge in the field of food science and technology.
- To evolve new need-based strategies and knowledge base or think-tanks for food processing technologies from source to target.
- To foster research in frontline areas of food science and technology, particularly post-harvest food processing and preservation, reducing wastage, evolving better packing and transportation strategies etc.

## Course Content:

### FIRST SEMESTER

#### Theory

- Food Chemistry
- Food Microbiology
- Principles of Food Processing & Preservation
- Nutritional Biochemistry
- Technology of Milk & Milk Products

#### Practical I

- Food Chemistry and Food Microbiology

#### Practical II

- Principles of Food Processing & Preservation & Technology of Fruits and Vegetables Products

### THIRD SEMESTER

#### Theory

- **Open Elective:** Nutrition and Health
- Nutraceuticals & Functional Foods
- Fermentation Technology
- Industrial Biotechnology
- Food Plant Management & Entrepreneurship
- Waste Management
- Technology of Meat, Poultry and Fish Products

#### Practical V

- Technology of Meat, Poultry and Fish Products

#### Practical VI

- Nutraceuticals & Functional Foods and Fermentation Technology

### SECOND SEMESTER

#### Theory

#### **Open Elective:** Principles of Food Preservation & Processing

- Food Process Engineering & Instrumentation
- Technology of Fruits & Vegetable Products
- Technology of Cereals & Legumes
- Research Methodology
- Food Product Development

#### Practical III

- Food Process Engineering & Instrumentation

#### Practical IV

- Technology of Cereals & Legumes

### FOURTH SEMESTER

#### Theory

- Post Harvest Technology of Plantation Crops
- Food Safety and Quality Control
- Food Packaging
- Food Hygiene and Sanitation

#### Practical VII

- Post Harvest Technology of Plantation Crops

Project/Dissertation: All students are expected to carry out an industrial based project work and expected to present their finding through a vica-voce exam.



#### Highlights of the Course:

- 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.

#### Eligibility criteria :

Candidates shall have studied any branch of Life Sciences with Chemistry/Biochemistry as one of the major/optional/subsidiary subjects securing 45% marks (40% in case of SC/ST candidates) in the aggregate excluding languages at the undergraduate level.

#### For more information contact :

**The Principal or**

**Dr Raghvendra** Mob:9945888845

Office: 0824-2449700/ Ext. No. 601/602

# M.Sc. (Food Nutrition and Dietetics) \*

## Objectives of the Course

- Academic and research activities
- Hospitals, food service institutions and industries
- Managerial roles in agencies and institutions – both Government and NGO sector
- Planning, monitoring and evaluation of nutrition and health programmes
- Training and IEC activities of regional and national programmes
- Ensuring food safety and quality for consumers

## Course Content:

### FIRST SEMESTER

- Food Microbiology (FM)
- Food Chemistry (FC)
- Principles of Food Processing & Preservation (PFPP)
- Basics of Human Physiology (OR)
- Food Product Development

### SECOND SEMESTER

- Advanced Nutrition I (AN I)
- Clinical and Therapeutic Nutrition I (CTN I)
- Nutrition and Physical Fitness (OR)
- Essentials of Micro Nutrients
- Research Methodology

### THIRD SEMESTER

- Advanced Nutrition I (AN I)
- Clinical and Therapeutic Nutrition I (CTN I)
- Nutrition and Physical Fitness (OR)
- Essentials of Micro Nutrients
- Research Methodology

### FOURTH SEMESTER

- Nutrition in Critical Conditions and Emergencies
- Public Health Nutrition (PHN)
- Assessment of Nutritional status (ANS) (OR)
- Nutraceuticals and Functional Foods (NFF)
- Dissertation/Project Work

## Salient features:

- Food Nutrition and Dietetics is a study concerned with all technical aspects of food, beginning with harvesting to consumption, an ideology commonly referred to as "from field to fork".
- It has more challenging in the field like space nutrition and Nutrigenomics industries and various other related areas.
- It is considered distinct from the field of nutrition.
- Nutrition also called nourishment or aliment is the provision, to cells and organism, of the materials necessary (in the form of food) to support life.
- It is very valuable and career orienting one that provides many opportunities to the degree holders after its successful completion.

## Eligibility for Admission:

M.Sc. in Food Nutrition and Dietetics: 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 with Any Three of the following as optional/major/special subjects like:

Chemistry, Biochemistry, Botany, Biotechnology, Environmental Science, Forestry, Food Science, Food Processing, Home Science, Horticulture, Industrial Microbiology, Food Safety and Quality Control, Microbiology, Pharmacognosy, Zoology and Physiology with 45% (40% for SC/ST/Category-I Candidates) marks in aggregate Excluding Languages and Group III Subjects are also eligible.

Candidates who have passed Bachelor degree examination in Food and Nutrition / Food Nutrition and Dietetics / Food Science and Nutrition / Food Technology / Food Science and Technology / Food Science and Quality Control / Clinical Nutrition and Dietetics of Composite / Home Science / Biochemistry / Biotechnology / Microbiology / Agriculture dairy or fisheries or any other allied Science subjects under life sciences at B.Sc. level, with 45% (40% in case of SC/ST/Category-I candidates) marks in aggregate excluding languages and Group III subjects are also eligible.

**For more information contact :**  
**The Principal or Dr Raghvendra Mob:9945888845**  
Office: 0824-2449700/ Ext. No. 601/602

**\*New proposed PG Course is subject to approval of Mangalore University**

# MA ENGLISH

Objectives of the Course :

To impart comprehensive knowledge of the various aspects of English Literature and Effective skills of Proficiency in English through a competent and cutting-edge curriculum and to prepare the students for various professions.

## Course Content:

### FIRST SEMESTER

- Chaucer to Cromwell
- The Restoration to the Neoclassic
- Literary Criticism
- Linguistics
- Children's Literature
- Ecocriticism

### SECOND SEMESTER

*Open Elective : Literature and Cinema*

- The Romantics & the Victorians
- Literary Theories
- Research Methodology
- Indian Writing in English
- Popular Culture
- Language Competency & Communication Development

### THIRD SEMESTER

- *Open Elective : Indian Diasporic Fiction*
- Twentieth Century British Literature
- English Language Teaching
- Cultural Studies
- American Literature
- Indian Literary Criticism
- Reading & Interpretation of Literature

### FOURTH SEMESTER

- Twentieth Century World Literatures
- Postcolonial Studies
- Project
- Gender Studies
- Literature from the Margins
- Indian Literature in Translation
- European Fiction & Drama

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 Course :

- Impart quality input in English Literature.
- Make students competent in the linguistic performance.
- Language laboratory for voice training.
- Hands on training for teaching.

For more information contact :

**The Principal or**

**Dr Melissa Goveas**

Mobile : +91 9945901031

Office : 2449700; (0824) 2449703 (0824)

2449700, Extn No. 402,

# MA ECONOMICS

Objectives of the Course:

- 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.

Course 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
- Health Economics
- Financial Institutions and Markets
- Agricultural Economics
- Economics of Human Resource Development

## THIRD SEMESTER

- **Open Elective:** Contemporary Indian Economy
- Monetary Economics
- Econometrics
- Research Methodology
- 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 must have studied Economics as one of the major subjects in the undergraduate level with not less than 45 % (40% in case of SC/ST students) marks in Economics are eligible to apply.

**For more information contact :**

**The Principal or**

**Dr P. P. Sajimon, HOD Ph : 9446545550,**

**Office: 0824-2449700 / Extension No.: 404**





# M.Sc. COUNSELLING

## Objectives of the Course:

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.

## Course Content:

### FIRST SEMESTER

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

#### Practical

- Basic counseling skills
- Psychological Assessment - I

### SECOND SEMESTER

- Research and Statistics
- Theories of personality
- Human Resource Management
- Group counseling

#### Practical

- Advanced Counseling Skills
- Training to be group leader

### THIRD SEMESTER

- 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 Course:

- 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  
 Office : 0824-2449700 /  
 Extension No.: 116

# M.Sc. CORPORATE PSYCHOLOGY

Objectives of the Course:

- 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.

## Course 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

Corporate selection and Development

### FOURTH SEMESTER

- Internship
- Dissertation
- Viva Voce



### Highlights of the Course

- Curriculum consists of both practicals as well as theory.
- Four months of Internship.
- Regular Training Programme conducted.
- Invited Lectures and exposure to the most relevant places in the field.

### 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

Office: 0824-2449700/ Ext. No. 116

# M.A. JOURNALISM & MASS COMMUNICATION

Objectives of the Course :

- 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.

## Course Content:

### FIRST SEMESTER

- Theories of Communication
- Development of Media
- Advanced Reporting and Editing
- Film Studies
- Media Law and Ethics
- Public Speaking & Presentation Skills

### SECOND SEMESTER

- Open Elective:** Travel Journalism
- Communication Research Methods
  - Introduction to Audio Visual Media
  - Corporate Communication & Public Relations
  - Development Communication
  - Magazine Journalism
  - Broadcast & Communication

### THIRD SEMESTER

- **Open Elective :** Gender and Media
- Television Production
- Online Journalism
- Digital Media Marketing
- Radio Production
- Business Journalism
- Organizational Communication
- Environment & Media
- Marketing Communication
- Advertising Production
- Film Appreciation

### FOURTH SEMESTER

- Dissertation
- Online Broadcasting
- Technical Writing & Content Writing
- Brand Planing & Management
- Project: Broadcast
- Project: Corp. Com
- Project: Print and Online
- Media, Culture & Society
- Political Communication
- Media Management

## Highlights of the Course :

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

## Eligibility Criteria:

Candidates who have passed the three year 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 subjects.

**For more information contact :**

**The Principal or**

**Mr Vishal Nayak, Coordinator**

Mobile: +91 99864 21658

Office : 0824-2449700 Ext. No. 403,



# MASTER OF SOCIAL WORK (MSW)

Objectives of the Course :

- Value - based professional education for social work.
- Social research and dissemination of professionally relevant knowledge.
- Social intervention through training and field action projects.

Course Content :

## FIRST SEMESTER

- Social Work-History & Ideologies
- Case Work Practice
- Group Work Practice
- Dynamics of Human Behaviour -1
- Concurrent Field Work Practicum

## 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
  - Human Behaviour and Personality Development
  - Life Skills Education

## THIRD SEMESTER

Core subjects :

- **Open Elective** - Human Rights & Social Defence
- Counselling Basics (Only for MBA)
- Disaster Management (Only for MBA)

Core Papers :

- Social Welfare Administration
- Human Rights Perspectives for Social work
- Concurrent field work Practicum
- Women's Development Studies

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

## FOURTH SEMESTER

Core subjects

- Project Planning & Management
- Research Project or Term Paper
- Population & Environment Studies
- Concurrent field work Practicum

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 Course :

- 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.
- Summer placement and internship.

### Specializations offered:

1. Community Development (CD)
2. Personnel Management and Industrial Relations (HR)
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 Organization for a minimum period of 3 years.

For more information contact :

The Principal or

Ms Shwetha Rasquinha, HOD. Mob: 9448215481

Office : 2449700; (0824) 2449703  
(0824) 2449700

# M.Com

## Objectives of the Course :

- 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.

## Course Content:

### FIRST SEMESTER

- Economic Environment and Policy
- Management and Organization Behavior
- Accounting Theory and Practice
- Financial Management and Policy
- Income Tax
- Quantitative Techniques for Decision Making
- Working Capital Management

### SECOND SEMESTER

- Open Elective:** Personal Finance and Investment Planning
- Business Statistics & Research Methodology
  - Computer Applications in Business
  - E-Business
  - Corporate Accounting and Reporting
  - Corporate Financing & Investment Decisions
  - Business Taxation
  - Internship

### THIRD SEMESTER

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

### FOURTH SEMESTER

- Project
- International Financial Management
- Corporate Law, Ethics & Governance
- Cost & Management Accounting
- Derivatives & Risk Management
- Portfolio Theory & Management
- Marketing Management

## Highlights of the Course :

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

For more information contact :

The Principal or  
Dr Suresh Poojary, Coordinator.  
Mob : 9448696436  
Office : 0824-244970 : Extn No. 518

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 Course

- Provide theoretical and practical knowledge in accounting and finance as expected by the industry
- Programme 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 programme.

## Course Content:

### FIRST SEMESTER

- Accounting for Managerial Decisions
- Working Capital Management
- Income Tax
- Computer Application – Microsoft Excel
- Business Statistics - 1
- Economic Analysis for Decision making
- Financial Management and Policy

### SECOND SEMESTER

- Open Elective:** Personal Finance and Investment Planning
- Internship
  - Financial Statements Analysis
  - Corporate Financing and Investment Decisions
  - Computerized Accounting – Tally
  - Business Taxation
  - Business Statistics –II
  - E-Business

### THIRD SEMESTER

**Open Elective:** Corporate Culture and Ethics

- Equity Research and Security Market Operation
- Mergers, Acquisitions and Corporate Restructuring
- Investment Banking and Financial Services
- Statistical Analysis – SPSS
- Corporate Tax Planning
- Insurance and Risk Management

### FOURTH SEMESTER

**Open Elective:** International Financial Management

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

## Highlights of the Course :

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

## For more information contact :

**The Principal or  
Dr Suresh Poojary, Coordinator.**

Mob : 9448696436

Office : 0824-244970 : Extn No. 518

## 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.

**\*New proposed PG Course is subject to approval of Mangalore University**

# Ph.D PROGRAMMES

Ph.D Guides:

1. Dr. Asha Abraham Ph : 9449555802
2. Dr Shashi Kiran Ph : 9343141691

## How to apply:

As per notification by Mangalore University eligible candidates must register. Admission will be based on entrance test and interview conducted by Mangalore University. The mandatory course work for PhD is offered at the department.

For more information contact :

Rev. Dr Leo D'Souza, The Director, Lab of Applied Biology  
Dr Shashi Kiran Ph: 9343341691  
Office: 0824 - 2449719 / 201

## Advanced Research Centre

St Aloysius Advanced Research Centre affiliated to Tumkur University was started in the month of August 2012. Seven departments of the College are recognized for research activity and 11 staff members are recognized as research guides.

The recognized departments are Chemistry, Bioscience, Economics, English, Kannada, Commerce and Management. The following staff members are approved guides:

Chemistry	:	1.	Dr Richard Gonsalves	9845023518
		2.	Dr Ronald Nazareth	9448154267
Kannada	:	1.	Dr Saraswathi	9448000478
		2.	Dr Vishwanath Badikana	9449615474
		3.	Dr Mahalinga Bhat	9449615469
Economics	:		Dr Norbert Lobo	9964144583
	:		Dr V. B. Hans	
Commerce	:		Dr Suresh Poojary	9448696436
Bioscience	:		Dr K.V. Nagalakshamma	9741317906
Management	:		Dr Babu Thomas	8722224995

Department of Chemistry and Department of Management are also considered as centres for PhD course work. Presently 45 research scholars are allotted under these guides to carry out their doctoral studies.

## How to apply:

Tumkur University notifies for PhD registration twice a year through their website [www.tumkuruniversity.in](http://www.tumkuruniversity.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 counseling.

NET passed students are exempted from entrance test

**For more information contact :**

**Dr Richard Gonsalves, Director, SAC Advanced Research Centre**

Mob: 9845023518. email: [richieag@yahoo.com](mailto:richieag@yahoo.com)

Office: 2449700/Ext No: 521

# PGDBM/DBM

The PG Bio-technology Department is a recognized centre for PhD Studies (Mangalore University). It has two Ph.D guides specialized in different areas of Biotechnology enabling competent students of diverse interests to pursue their PhD studies in this college.

One year Post Graduate Diploma programmes in Business Management(PGDBM) and 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

- Principles and Practice of Management.
- Indian Business Environment.
- Accounting and Finance for Managers
- Human Resource Management & Industrial Relations.
- Marketing Management.

### SECOND SEMESTER

- Organization Behaviour
- Entrepreneurship and Small business Management.
- Materials Management and Store Keeping.
- Production & Operations Management
- Project Management & Project Study

## Eligibility Criteria :

- Bachelors degree in any discipline.
- Students awaiting results can also apply. But they must produce the degree certificate by December 2014
- 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 12:40 pm to 5.10 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 store.
- Human resource Management.
- Marketing.
- Financial and Accounting
- Business Process outsourcing and Information technology.
- Banking

**For more information contact :**  
**The Principal or Prof. Edmund Frank, Dean & HOD**  
Mobile : 9449592350      Office : 0824-249700 / Ext. No.: 419





# PGDHRM

One Year PG Diploma in Human Resource Management (PGDHRM)  
Timing 5.30 pm to 7.30 pm 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 :  
Ms. Vidya Vinutha D'Souza, Mobile : 9591346471  
Office : 2449700; (0824) 2449703 (0824) 2449700

*For Admissions please contact:*  
**College Reception Counter**

## POST GRADUATE 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)\*

PGDCA: Post Graduate Diploma in Computer Applications\*

**MBA. : Master of Business Administration (Two year four semester course including project work)**

**\*M.Sc. Big Data Analytics (2 year 4 semester course)**

*\*New proposed PG Course is subject to approval of Mangalore University*

**Prospectus and application form is available in AIMIT Campus, Beeri, Mangalore. Ph: 0824-2286881, 2286890**

**\*APPLICATION ARE ALSO AVAILABLE IN THE COLLEGE WEBSITES**

***www.staloysius.ac.in,***

# DDU KAUSHALKENDRA

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 and Pharmaceutical Chemistry from the academic year 2015-2016.

## Courses offered

- Pharmaceutical Chemistry
- Food Processing and Engineering
- Retail Management

## 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 employment.



- 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)

## Under Graduate Courses

### BA (Bachelor of Arts) Degree Course

#### LANGUAGES

English Hindi  
Kannada  
Konkani  
Addl. English  
Malayalam  
French

OPTIONALS		
a) History	Economics	Pol. Science
b) History	Economics	English Maj.
c) History	Kan. Maj.	Pol. Science
d) History	Kan. Maj.	Com. English
e) Journalism	Economics	English Maj.
f) Journalism	Economics	Com. English
g) Journalism	Psychology	English Maj.
h) Journalism	Computer Animation	English Maj.
i) Sociology	Psychology	Com. English
j) Sociology	Economics	Pol. Science
k) Sociology	Kan. Maj.	Pol. Science
l) Sociology	Social Work	Psychology
m) Performing Arts	English Major	Kannada Major
n) Performing Arts	Com. English	Journalism
o) Journalism	Social Work	Computer Animation

### BSc. (Bachelor of Science) Degree Course

#### LANGUAGES

English Hindi  
Kannada  
Sanskrit  
Addl. English  
Malayalam  
French  
Konkani

OPTIONALS		
a) Physics	Chemistry	Mathematics
b) Physics	Electronics	Mathematics
c) Physics	Comp. Science	Mathematics
d) Physics	Comp. Animation Science	Mathematics
e) Physics	Statistics	Mathematics*
f) Comp. Science	Statistics	Mathematics
g) Comp. Science	Electronics	Mathematics
h) Chemistry	Botany	Zoology
i) Chemistry	Microbiology	Botany
j) Chemistry	Microbiology	Zoology
k) Bio-Chemistry	Botany	Zoology
l) Bio-Chemistry	Chemistry	Zoology
m) Bio-Chemistry	Chemistry	Botany
n) Biotechnology	Chemistry	Botany
o) Biotechnology	Chemistry	Zoology
p) Economics	Statistics	Mathematics

**B S W** (Bachelor of Social Work)

**B COM** (Bachelor of Commerce) **Regular and Professional (6 Batches)**

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

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



St Aloysius College (Autonomous)  
P.B. No. 720, Mangaluru 575 003  
Ph: 0824-2449700/01, Fax: 0824-2449705  
email: [principal@staloysius.edu.in](mailto:principal@staloysius.edu.in)  
website: [www.staloysius.edu.in](http://www.staloysius.edu.in), [www.staloysius.ac.in](http://www.staloysius.ac.in)