



MILAGRES COLLEGE

Affiliated to Mangalore University, Recognised by UGC MHRD under Section 2(f)
Managed by Catholic Board of Education of the Diocese of Mangalore & Approved by AICTE
Hampankatta, Mangaluru - 575001, D. K. District.

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Under-graduate Admission

PROSPECTUS 2025-26

"PASSION FOR PERFECTION"

BCA AIML

(Artificial Intelligence & Machine Learning)

BCA

(Computer Application)

BBA LOGISTICS

(Business Administration)

B.SC HS

(Hotel Management)

BCOM

(Commerce)

B.SC FND

(Food, Nutrition & Dietetics)



**BCA/BCOM WITH ARTIFICIAL INTELLIGENCE, BIG DATA
ANALYTICS & CYBER SECURITY**

**BCA/BCOM/BBA WITH DATA ANALYSIS, CLOUD COMPUTING
& CYBER SECURITY**

BHS/BBA/BCOM WITH AVIATION & HOSPITALITY MGT.

BCOM WITH LOGISTICS & SUPPLY CHAIN MANAGEMENT

BCOM WITH ACCA/CMA



VISION

“Empowering Youth Through Value Based Education
To Enhance The Quality of Life and Build A Better Future”

MISSION

To instill in our students a “Passion for Perfection” and provide them with knowledge, skill and value, to impart quality education aimed at students’ holistic development and prepare them to face global challenges boldly, to engineer social transformation by creating professionals who will be academically sound, emotionally balanced, morally upright, socially responsible and ecologically sensitive.

ABOUT THE COLLEGE

With the aim of imparting higher education, the Management of the Institute initiated and incepted Milagres Degree College in 2010 run



by the Catholic Board of Education of the Diocese of Mangalore and locally managed by Milagres Church. The college is affiliated to Mangalore University and recognized by UGC MHRD, Govt. of India under Section 2(f) of UGC Act, 1956. It is accredited by NAAC with ‘B++’ Grade in the year 2019 and approved by AICTE. It offers Undergraduate Programmes in Commerce (B. Com), B.Sc. in Hospitality Science, B.Sc. Food Nutrition and Dietetics and B.Sc. Interior Design and Decoration. From 2023-24 onwards, College has introduced BBA Logistics, Bachelor of Computer Application (BCA), and BCA Artificial intelligence and Machine Learning (BCA AIML). In addition, the college offers UGC career-oriented courses, Aviation and Hospitality Management, Logistics and Supply Chain Management, Data Analysis, Cloud Computing & Cyber Security, Artificial Intelligence, Big Data Analytics & Cyber Security.

PROGRAMMES & DESCRIPTION



BCA IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (BCA AIML)

- 6 semester degree program in computer application and programming AI & ML.
- Computer applications (BCA) with a is an interdisciplinary program designed to equip students with the knowledge and skills required to excel in the fields of AI & ML. This course integrates computer science principles with advanced AI & ML concepts, making it a popular choice for students interested in cutting-edge technology and data-driven decision-making.
- Scope- Healthcare, finance and technology, data scientist, robotics, ai developer, research scientist.

SYLLABUS AT A GLANCE :

1st Year : SEP

Languages: English / Kannada / Hindi / Konkani / Malayalam / Additional English (NRI).

Core Subjects: Fundamentals of Information Technology & Lab, Problem Solving using C, Computational Mathematics, C Programming Lab, Data Structure using C, Database Management System & Lab, Computer Architecture, Data Structures Lab.

Ability Enhancement: Constitutional Values, Environmental Studies.

2nd Year : SEP

Languages: English / Kannada / Hindi / Konkani / Malayalam / Additional English (NRI).

Core Subjects: Object Oriented Programming using Java, Operating Systems, Computer Networks, Object Oriented Programming Lab, Operating Systems Lab, Artificial Intelligence-I & Lab, Python Programming & Lab, Software Engineering, Internet Basics.

Ability Enhancement: Digital Marketing, Web Content Management System, DEVOPS OR Cloud Computing, Object Oriented Analysis & Design, Digital Image Processing.

3rd Year : SEP

Core Subjects: Machine Learning Techniques, Web Development & Lab, Data Analytics Using R, Internet of Things, Artificial Intelligence-II, Natural Language Processing, Data Analytics Lab, Machine Learning and IOT Lab, AI Tools and Techniques, Artificial Neural Network, Deep Learning, Principles of Cyber Security, Computer Vision, Project Work.



BACHELOR OF COMPUTER APPLICATION (BCA)

- 6 semester degree program in computer application and programming.
- Computer science has a wide range of specialities. These include computer architecture, software systems, graphics, artificial intelligence, mathematical and statistical analysis, data science, computational science, and software engineering. BCA, MCA and B.Sc qualified manpower is in high demand by the global industry.
- Career opportunists in it industry, software, hardware, data processing, data analysis, artificial intelligence, web designer, system manager, software developer, computer programmer, web developer, software developer, software tester etc.

SYLLABUS AT A GLANCE :

1st Year : SEP

Languages: English / Kannada / Hindi / Konkani / Malayalam / Additional English (NRI).

Core Subjects: Fundamentals of Information Technology & Lab, Problem Solving using C & Lab, Computational Mathematics, Data Structure using C & Lab, Database Management System, Database Management, Computer Architecture.

Ability Enhancement: Constitutional Values, Environmental Studies.

2nd Year : SEP

Languages: English / Kannada / Hindi / Konkani / Malayalam / Additional English (NRI).

Core Subjects: Database Management System & Lab, C# and Dotnet Framework Lab, Computer Networks, C# & L, Python Programming & Lab, Advanced JAVA & J2EE Operating System Concepts, Advanced JAVA & J2EE Lab, Internet Basics.

Ability Enhancement: Open Source Tools, Web Content Management System, DEVOPS OR Distributed Computing, Object Oriented Analysis & Design, Digital Image, Processing.

3rd Year : SEP

Core Subjects: Software Engineering, Web Development & Lab, Design Analysis & Algorithm and Lab, Statistical Computing & R Programming, Cloud Computing, Cryptography and Network Security, R Programming Lab, Data Analytics using Excel, Artificial Intelligence & Applications, Principles Cyber Security, Fundamentals of Data Science, Digital Marketing, Project Work.



BBA LOGISTICS (BUSINESS ADMINISTRATION)

- 6 Semester Degree Programme in BBA Logistics (Business Administration).
- Students will learn important leadership and communication skills and will learn how to use the tools and strategies that are provided to them in the industry.
- This discipline of BBA Logistics has huge demand all over the world. You can be a logistics manager, supply chain coordinator, including shipping, cargo, transportation, delivery, online marketing and warehouse supervisor. Those who have completed a BBA logistics degree can also work as supply chain analysts.

SYLLABUS AT A GLANCE :

1st Year : SEP

Languages: English / Kannada / Hindi / Konkani / Malayalam / Additional English (NRI).

Core Subjects: Principles of Management, Fundamentals of Logistics, Materials Management, Introduction to Shipping Constitution, Cost & Management Accounting, Forecasting and Inventory Management, Freight Forwarding (Ocean & Air Cargo), Marketing Management.

Ability Enhancement: Constitutional Values, Environmental Studies.

2nd Year : SEP

Languages: English / Kannada / Hindi / Konkani / Additional English (NRI).

Core Subjects: Surface Transportation, Supply Chain Management, Warehousing & Distribution Centre Operations, Logistics Information System, Goods and Service Tax, Customer Relationship Management, Logistics Information System, Fundamentals of Operation Research, International Logistics Management.

Ability Enhancement: Practical Aspects of logistics Management, Business Leadership Skills.

3rd Year : SEP

Core Subjects: Entrepreneurship Development, Principles of Export Management, Air Cargo Logistic Management, Logistic Network Design, Retail Logistics, Introduction to Strategic Management, Legal Principles of logistics and Shipping, E-Commerce & ERP, Shipping Finance & Marine Insurance, Port Terminal Logistics.

Skill Enhancement: Internship /Project / Company Analysis, Research Methodology



BACHELOR OF COMMERCE ACCA & CMA (Integrated Professional Courses)

- 6 semesters degree programme with a exposure to the market trends through the industrial visits and internship, an opportunity to develop skills essential for career.
- Inter collegiate fests, competitions, seminars, workshop and project work will give additional knowledge and hand on experience to the students.
- Graduates of commerce have variety of job opportunities in banking, auditing, clerical, business, teaching, insurance, logistics and in marketing sectors.
- ACCA (uk syllabus) very good scope in multinational companies as auditor or financial manager, 5 paper exemption granted.

SYLLABUS AT A GLANCE :

1st Year : SEP

Languages: English / Kannada / Hindi / Konkani / Malayalam / Additional English (NRI).

Core Subjects: Financial Accounting, Quantitative Techniques, Foundation of Commerce, Fundamentals of Organisational Behaviour, Individual Team Management, Ability Enhancement: Constitution Values, Environmental Studies.

2nd Year : SEP

Languages: English / Kannada / Hindi / Konkani / Malayalam / Additional English (NRI).

Core Subjects: Corporate Accounting I & II, Direct Tax – I & II, Cost Accounting I & II.

Ability Enhancement: Digital Marketing, Personal Investment Management / Real Estate Management / Logistics / Travel & Tourism/HR/ Marketing/ Finance/Accounting/Analytics.

3rd Year : SEP

Core Subjects: Financial Management, Income Tax Law and Practice, Auditing and Assurance, Management Accounting, Income Tax Law & Practice, Cultural Diversity at work place.

Ability Enhancement: GST- Law & Practice Employability skills/ Ethics & Self Awareness, Professional Communication.

ELIGIBILITY:

B.COM, BCA, BCA AI & ML, BBA, B.Sc (HS), B.Sc (ID&D) LOGISTICS, AVIATION, DATA ANALYSIS, CLOUD COMPUTING & CYBER SECURITY, ARTIFICIAL INTELLIGENCE, BIG DATA ANALYTICS & CYBER SECURITY
 II PUC, PLUS 2, Science, Commerce & Arts streams
 Diploma Holders OR Any Graduate
 B.Sc (FND) II PUC, PLUS 2, Any Science Stream



B.SC IN HOSPITALITY SCIENCE (HOTEL MANAGEMENT)

- 6 Semesters Degree Programme in Hotel Management which includes a semester of on the Job Training (Internship).
- Industrial visits & tours, RELISH (annual food festival), incubation center (for innovation), seminars, conferences & guest lectures by the industrial experts are opportunities to gain additional knowledge of the hospitality industry.
- Graduates of hospitality are placed in star hotels, aviation industry, travel & tourism, cruise line industry, catering and bakery businesses, bar operations and plenty of opportunities overseas.

SYLLABUS AT A GLANCE :

1st Year : SEP

Languages: English / Kannada / Hindi / Konkani / Malayalam / Additional English (NRI).

Core Subjects: Food Production Theory I&II, Food Production Practical I&II, F&B Service Theory I&II, F&B Service Practical I&II, Front Office Operations Theory I, Front Office Operations Practical I, Accommodation Operations Theory I, Accommodation Operations Practicals I.

Ability Enhancement: Constitutional Values, Environmental Studies.

2nd Year : SEP

Languages: English / Kannada / Hindi / Konkani / Additional English (NRI).

Core Subjects: Food Production Theory III&IV, Food Production Practical III&IV, F&B Service Theory III&IV, F&B Service Practical III&IV, Accommodation Operations Theory II, Accommodation Operations Practical II, Travel & Tourism Management, Front Office Operations Theory II, Front Office Operations Practical II, Bakery and Confectionery.

Ability Enhancement: Food Nutrition and Hygiene, Personality Development, Food Safety Management, Hospitality Human Resource & Marketing.

3rd Year : SEP

Core Subjects: Advanced Food Production Theory, Advanced Food Production Practical, F&B Service Management Theory, F&B Service Management Practical, Rooms Division Management Theory, Rooms Division Management Practical, Event Management Theory, Event Management Practical.

Skill Enhancement: Internship /Project / Power Point Presentation, Viva Voce



B.SC IN FOOD, NUTRITION & DIETETICS (FND)

- 6 Semesters Degree Programme which deals with nutrition and nutrients present in the food which play a major role in human health conditions.
- This programme consists of one month internship in the 6th semester to get prepared for the profession.
- Graduates of this programme are placed as dieticians in the hospitals, quality analysts in food processing companies, food inspectors, food safety auditors, nutritionists in fitness industries and food labeling specialists with scope for research.

SYLLABUS AT A GLANCE :

1st Year : SEP

Languages: English / Kannada / Hindi / Konkani / Malayalam / Additional English (NRI).

Core Subjects: Human Physiology Theory- I&II, Human Nutrition Theory-I&II, Food Science Theory- I&II, Human Physiology Practical- I&II, Human Nutrition Practical- I&II, Food Science Practical- I&II.

Ability Enhancement: Constitutional Values, Environmental Studies.

2nd Year : SEP

Languages: English /Kannada /Hindi /Konkani / Malayalam / Additional English (NRI).

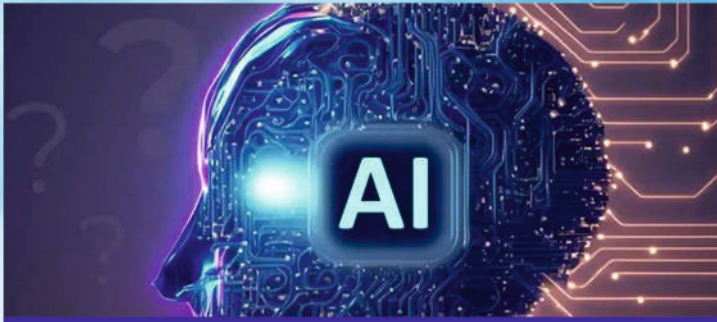
Core Subjects: Food Microbiology Theory, Dietetics Theory-I&II, life Span Nutrition Theory- I&II, Quality Control Theory, Food Microbiology Practical, Dietetics Practical-I&II, life Span Nutrition Practical -I&II, Quality Control Practical.

Ability Enhancement: Nutritional Assessment / Food Safety and Hygiene Theory, Food Technology / Diet in lifestyle disorder.

3rd Year : SEP

Core Subjects: Therapeutic Nutrition Theory- I&II, Community Nutrition Theory, Food Microbiology Theory-II, Quality Control Theory- II, Food Sanitation & Hygiene Theory, Food Preservation Theory, Food Biotechnology Theory, Food Service management Theory, Nutritional Biochemistry Theory- II, Quality Control Practical- II, Food Microbiology Practical- II, Therapeutic Nutrition Practical- I&II, Food preservation Practical, Nutritional Biochemistry Practical- II

Skill Enhancement: Internship /Project / Power Point Presentation, Viva Voce



ARTIFICIAL INTELLIGENCE, BIG DATA ANALYTICS & CYBER SECURITY

- It's a three years UGC career oriented course. Those who complete the course, will be awarded certificate in the first year, diploma in the second year and advanced diploma in the third year.
- Artificial intelligence is the simulation of human intelligence processes by machines, especially computer systems. Specific applications of AI include expert systems, natural language processing, speech recognition and machine vision.
- Big data analytics is the use of advanced analytic techniques against very large, diverse data sets that include structured, semi-structured and unstructured data, from different sources & in different sizes from terabytes to zettabytes.
- The Job Opportunities- research, analytics, medical & education sector, cyber security system, business, banking networking.



DATA ANALYSIS, CLOUD COMPUTING & CYBER SECURITY

- It's a three years UGC career oriented course. Those who complete the course, will be awarded certificate in the first year, diploma in the second year and advanced diploma in the third year.
- Data analysis is the practice of working with data to gain useful information, which can be used to make informed decisions.
- Cloud computing is a method of computing in which a shared group of resources- such as file storage, web servers, data processing services, and applications- are accessed via the internet.
- Cyber security is the protection of internet-connected systems such as hardware, software and data from cyber-threats.
- The Job Opportunities- cyber security system, multinational companies, IT sectors, banking, financial sectors, business, database networking.



AVIATION & HOSPITALITY MANAGEMENT

- Aviation and Hospitality Management is a three years UGC career oriented course. It is an annual scheme which includes theory and practical topics. Those who complete the course, will be awarded certificate in the first year, diploma in the second year and advanced diploma in the third year. The university Annual exams are held separately at the end of the academic year.
- The Job Opportunities- An aviation hospitality professional is someone who works at airports, airlines or other businesses within the aviation or aerospace industry, such as aircraft manufacturers where they take care of the needs of the consumer. It has multiple scope in tourism, air hostess, cabin crew, airline ticketing agent, front-end office operator, airline customer service agent, air freight manager, airport operations manager, airport manager, cargo department manager and cruise lines in India and abroad.



LOGISTIC & SUPPLY CHAIN MANAGEMENT

- Logistic & Supply Chain Management is a three years UGC career oriented course. It is an annual scheme which includes theory and practical topics. Those who complete the course, will be awarded certificate in the first year, diploma in the second year and advanced diploma in the third year. The university Annual exams are held separately at the end of the academic year.
- Logistics management is the part of the supply chain process that plans, implements and controls the efficient, effective flow and storage of goods, services, and related information from the point of origin to the point of consumption to meet customer requirements.
- The Job Opportunities- logistics management involves order processing, inventory, transportation, materials handling & packaging in Industries, cargo management in the ports and airports. It encompasses business logistics, distribution, materials management, quick response system, supply management in India and abroad.



ASSOCIATION OF CHARTERED CERTIFIED ACCOUNTANTS (ACCA) UK Syllabus

- ✓ 3 Years Advance
- ✓ Diploma Course 5 papers
- ✓ Exemption out of 9 Papers



CHARTERED ACCOUNTANT (CA)

- ✓ CA Foundation
- ✓ CA Intermediate Course

• A Rare Opportunity To Study Two Academic Programmes Simultaneously • Earn While Learn Supportive Academic Schedule

FREE ADD-ON / CERTIFICATE COURSES:

- Spoken English
- Craft & Embroidery
- Journalism
- Yoga
- GST
- Event Management
- Dance & Drama
- Basic Computers & Tally
- Beautician
- Culinary arts
- First Aid
- Personal Investment MGT.
- Photography
- Soft Skills & Employability
- Home Steady Skills
- Ghumat Certificate Course

COLLEGE CERTIFIED COURSES FOR 10TH PASS STUDENTS:

• Interior Designing With 3D & CAD (2 year) • Hospitality Management (2 year) • Flaring Skills & Mixology (6 Months)



FULLY-EQUIPPED CLASS ROOMS



FULLY-RESOURCED LIBRARY



F&D PRODUCTION LAB



WIFI ENABLED COMPUTER LAB



WELL-EQUIPPED LABORATORY



WELL FURNISHED HOSTELS FOR BOYS & GIRLS



7 STAGE GYMNASIUM



AVISHKAR INSTITUTIONAL FEST



NEW FOOTBALL GROUND



NATIONAL CADET CORPS (NCC) UNIT



NATIONAL SERVICE SCHEME (NSS) UNIT



SPECIAL KABADDI COACHING



FEATURES

WE ARE PROUD OF YOU OUR RANK HOLDERS OF 2023



SAIMAA RAI
2nd RANK
B.Sc. ID&D



ANITTA ELESABETH JOY
2nd RANK
B.Sc. FND



PATRICIA QUADRAS
3rd RANK
B.Sc. HS

COLLABORATORS AND RECRUITERS

MEMBER OF CONFEDERATION OF INDIAN INDUSTRY (CII)



For Training & Industry Academia

MOU WITH KANARA CHAMBER OF COMMERCE & INDUSTRY (KCCI)



For Training & Internships

- State-of-the-art Infrastructure and Building.
- Centrally located and easily accessible from every corner.
- Round the clock transport facility.
- Close to the railway station & Central Bus Stand.
- Freeships/Scholarships to the meritorious & deserving students and mid-day meal facility/ Hostel facilities for boys & girls.
- Two large playgrounds, special coaching for Sports and Games, Modern 6 station Multi-gymn.
- Coaching for ACCA, ICA, Banking exams, Competitive exam.
- Specious Library with Infilbnet facility.
- Education beyond Classroom / Remedial Coaching.
- Seminars and Conferences, Industrial visits.
- Career Guidance Cell / Campus Placement Job Fair.
- IQAC Cell, Mentoring System and Counseling.
- 15 Various Free Add on Courses; UGC Career Oriented Courses
- Industrial Visits & Foreign Tours.
- Guidance & Support for Higher Studies in Foreign Countries.
- Scope for extra-curricular activities through various Clubs and Associations: Commerce / Management Association, Cultural Association, Hospitality Club, Human Rights Cell, Anti ragging cell, Women Cell, Literary Association, NCC, NSS, Youth Red Cross Unit, Outreach Programme, Alumni Association, SC/ST Grievance Cell, Anti-Sexual Harassment Cell, Annual Avishkar Talent Fest & Excelso Management Fest & Relish Food Festival, Start-up and Innovation Cell.



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