

## **MINERVA COLLEGE**

(Affiliated to Mangalore University)

Programs offered under National Education Policy 2020 Campus location: NH 78, Adyar Mangalore



### Minerva Educational and Charitable Trust (R)

The Minerva Educational & Charitable Trust established in 2007 is dedicated itself to impart quality and need based education and skills to the younger generation from various strata including backward classes, women, and inclusive groups. The Governing Council led by the Chairperson strives hard to provide good governance through transparency, ethics and values. The Mangalore Institute of Fire and Safety Engineering (MIFSE), a unit of the trust, has been a frontrunner in offering safety education to the needy. The trust is recognized by the National Skill Development Corporation-Skill India, it is also affiliated to Mangalore University, University of Mysore and Bangalore City University. MIFSE is also a certified institution of ISO 9001:2015 since 2010. The institute is emerged as pride centre of learning in 10 centres Viz Bengaluru, Mysore, Udupi, Shimoga, Davangere, Hubli, Belgaum, Hospet,

Tumkur, and Mumbai. The institute strives to accomplish cent percent placement through its networking and collaboration both in India and overseas.

As a part of diversification in education system, the Trust ventured in to a new college entitled "Minverva College" in 2023. The college, another unit of Minerva Educational & Charitable Trust' it came up to focus quality higher education strictly under National Educational Policy 2020. Its Vision is "To carve out the best professionals to cope with the challenges of business in 21st century". The college affiliated to Mangalore University is one and only approved institute exclusively to offer BCom Business Data Analytics, BBA in Occupational Health and Safety and MBA in Health Safety Environment (HSE) in the jurisdiction of the affiliating university.

The college is located in Adyar on a way to Mangalore- Bengaluru NH 78. The college is in 4 floor multi storey building constructed as per the standards of 21st century. The building comprises of 12 Classrooms each provides for convenient learning of 60 students. Further adequate provisions are made to house computer lab with over 60 computers with latest configuration and scanner, printer including all other technical facilities made available in the campus.

The college accord focus on the programmes relevant especially to meet the challenges of business environment both at the national level and global level. In an endeavor to meet the challenges mid 21st century, the college offers the Undergraduate programmes strictly as per the curriculum, teaching and learning and also evaluation of the Mangalore University under the National Education Policy 2020. It is a comprehensive policy framework that aims to reform and revitalize the education system in India. It stresses the importance of critical thinking, creativity, and problem-solving skills, and encourages the use of diverse teaching methods, experiential and hands-on learning methods and local resources. The policy emphasizes the importance of a flexible and multidisciplinary curriculum that prepares students for the 21st century. It seeks to pave the way for flexible and lifelong learning and encourages students to choose their academic path leading to the award of a certificate, diploma, and degree. The Multiple Entry and Exit System (MEES) is the cornerstone in higher education.

# **B.Com**

## **Business Data Analytics - 4 yrs (NEP 2020)**

Business analytics is the process of transforming data into insights to improve business decisions. Data management, data visualization, predictive modeling, data mining, forecasting simulation, and optimization are some of the tools used to create insights from data. Business analytics focuses on developing new insights and understanding of business performance based on data and statistical methods, and computer process which facilitate the strategic decision making by the concerned stake holders. The vast amount of data which collect across industries, organizations, has heightened the need for professionals who are data literate and know how to interpret and analyze that information.

According to a recent study around 60 % of companies worldwide are using data to boost process and cost efficiency, drive strategy and change, and monitor and improve financial performance. Over the next three years and beyond, 71 percent of global enterprises predict the reinvestments in analytics will accelerate stupendously. The benefits of business analytics include more informed decision-making, greater revenue, and improved operational efficiency. Over and above, analytics can be used to fine-tune business operations. Linked In lists business analysis as one of the skills companies need most in 2019, and the Bureau of Labor Statistics projects operations research analyst jobs to grow by 27 percent in 2021 which will shoot up to 70% by 2027. As such there is a plethora of career opportunities for the skilled human resources having formal education in Data Analytics. Business analytics program is intended to empower professionals employed in the areas of Finance, Marketing, Economics, Statistics, Computer Science, Mathematics, IT, Research, Stock market Commodity markets and so on. The BCOM in Data Analytics of 4 years under NEP 2020 will carve out best professionals to address the supra problems.

#### Semester - I

- ▶ Language I
- ▶ Language-II
- ▶ Principles and Practice of Management
- ▶ Financial Accounting
- ▶ Fundamentals of MS- EXCEL
- ► Financial literacy / accounting for every one
- ▶ Digital fluency
- ▶ Health and Wellness
- ▶ Yoga

#### Semester - II

- ▶ Language-I
- ▶ Language-II
- ► Advanced Financial Accounting
- ➤ Bank Management (Banking Technology)
- ▶ Database Management System and SQL
- ► Financial environment/Investing in stock market
- ▶ Environmental Studies
- ➤ Physical Education/Sports/NCC/NSS/ R&R(S&G) Cultural

#### Semester - III

- ▶ Language-I
- ▶ Language–II
- ▶ Modern Marketing
- ► Quantitative Technique for Decision Making
- ► Computer Fundamental & C Programming (P)
- ▶ Advanced-Excel
- ► Corporate Accounting
- ▶ Sports
- ► NCC/NSS/R&R(S&G)
- ▶ Cultural Activity

#### Semester - IV

- ▶ Language
- → Client Communication
- ▶ Corporate Law
- ▶ Data Science lifecycle
- ▶ R Programming(P)
- ▶ Constitution of India
- ► Business Ethics/ Corporate Governance
- ▶ Sports
- ► NCC/NSS/R&R(S&G) Cultural Activity

#### Semester - V

- ▶ Income Tax Law and Practice
- ▶ Financial Analytics
- ▶ E-Business & Mobile Commerce
- ▶ Tableau-Business Intelligence
- ▶ Cyber Security/
- ► Application of Python in Business
- ▶ Artificial Intelligence
- ▶ Yoga/Sports
- ► H/NCC/NSS/R&R(S&G) Cultural Activity

#### Semester - VI

- ► Human Resource Analytics
- ► Auditing Law and Practice
- ► Data Warehousing & Data Mining
- ► Cloud Computing & Internet of things
- ➤ Marketing Analytics
- ▶ Entrepreneurship
- Development
- ▶ Internship
- ▶ Sports/Yoga
- ► H/NCC/NSS/R&R(S&G) Cultural Activity

#### Semester - VII

- ▶ Operation Analytics
- ► Graphics and Gaming Technology
- ► Advanced Financial Management
- ► Applied Mathematics and Informatics
- ▶ ERP Applications
- ▶ Research Methodology

#### Semester - VIII

- ▶ Investment in Capital Markets
- ➤ Data Mining & Machine Learning
- ► Business Analytics & Predictive Modelling
- ▶ Data Science Architecture
- ► Managing Digital Platforms
- ▶ Research Project

## BBA

## Occupational Health & Safety - 4 yrs (NEP 2020)

tackling these issues that drive towards lowering

In the complex of global environment, the productivity. Challenges of management in the managers find various barriers that prevent them present contexts include; technology, ethics, from achieving the goals and improving the level globalization, competition, diversity, economic, of efficiency in the organizations. Occupational socio-cultural and politico-legal issues. All Health and Safety (OHS) focuses primarily on these challenges pose threat to the existence of protecting employees in the workplace from the organization; as such mortality is high than accidents, injuries, and exposure to harmful ever before. All those challenges can be substances. Leaders and Managers constantly try addressed through quality and contemporary harnessed skills of management.

The BBA(OHS) program of 4 years under NEP2020 help aspirants to enrich themselves with the principles, concepts, theories, hypotheses of business, diverging trends in market scenario, managerial duties in the era of globalization and the recent pandemic and many more. The program is a multifaceted pedagogy with an effective interface with the industry to translate the mission into action. The program creates opportunities for its students to enhance their understanding of economic, social, legal, political and technological environment to broaden their horizon not only to adjust themselves to change but also to become catalyst in developing their power to conceptualize, decide and communicate.

The career opportunities for the qualified students of the programme include: Construction inspector, Intelligence analyst, Safety coordinator, Injury prevention specialist, Professor, Environmental protection agent, Occupational health nurse, Safety technician, Safety trainer, Environmental scientist, Fire inspector, Well-being manager, Safety specialist, Safety manager, Industrial hygienist and Safety engineer with very good salary both in India and Overseas countries.

#### **National Education Policy- 2020**

The Programs offered under NEP 2020: Students can enjoy the facility of Lateral Entry and Exit Provision of UG programmes- On completion of 1st yr-Certificate; 2nd Yr -Diploma; 3rd Yr- Degree will be awarded. Fourth year honours is optional.



#### Semester - I

- ▶ Language I
- ▶ Language-II
- ▶ Principles and Practice of Management
- ▶ Fundamentals of Business Accounting
- ► Foundation to Occupational Health & Safety
- ▶ Business Organization and
- ▶ Office Management
- ▶ Digital Fluency
- ▶ Yoga/Sports
- ▶ H&W/NCC/NSS/R&R/CA

#### Semester - II

- ▶ Language-I
- ▶ Language- II
- ▶ Corporate Accounting
- ▶ Human Resource Management
- ▶ Foundation to Construction Safety
- **▶** EOHS Management
- ▶ Environmental Control practices
- ▶ Physical Education /Sports
- ▶ H&W/NCC/NSS/R&R/CA

#### Semester - III

- ▶ Language I
- ▶ Language II
- ▶ Marketing Management
- ▶ Financial Management
- ▶ Fundamentals of Fire Safety& Devices
- ▶ International perspective on EOHS
- ▶ Artificial Intelligence
- ▶ Yoga/Sports
- ▶ H&W/NCC/NSS/R&R/CA

#### Semester - IV

- ▶ Language
- ▶ Business Communication
- ▶ Organizational Behavior
- ▶ Construction Safety Management
- ▶ Industrial safety Management
- ▶ Constitution of India
- ▶ Database Management System
- ▶ Yoga/Sports
- ► H&W/NCC/NSS/R&R/CA

#### Semester - V

- ▶ Production& Operation Management
- ► Design and Installation of Fire Extinguishing Systems
- ▶ Electrical Safety
- ▶ Ergonomics of OHS
- ▶ First Aid and Emergency Procedures
- ▶ Business Data Analytics
- ▶ Project Management
- ▶ Yoga/Sports
- ► H&W/NCC/NSS/R&R/CA

#### Semester - VI

- ▶ Micro, Small and Medium Enterprises
- ▶ Food Safety and Health Management
- ▶ Transport Safety Management
- ► Occupational Health and Hygiene Management
- ▶ Bank and Insurance Management
- ▶ Entrepreneurship Development
- ▶ Internship
- ▶ Sports/Yoga
- ► H&W/NCC/NSS/R&R/CA

#### Semester - VII

- ▶ Total Quality Management
- ▶ Strategic Management
- ▶ Design and Installation of Fire Detecting Systems
- ▶ Aeronautical & Marine Safety
- **▶** Cyber Security
- ▶ Research Methods in EOHS

#### Semester - VIII

- ▶ Optimization Technique for Managers
- ▶ Disaster Management
- ▶ EOSH in Chemical Industry
- ▶ EOHS LAW
- ► Business Ethics and Corporate Governance
- ▶ Research Project Report

OR

Two Courses from Selected Elective Group

- ▶ Safety in Mines
- ▶ Industrial Toxicology





## **MBA**

### **Health Safety and Environment (HSE) - 2 yrs**

Every company of different scale is vulnerable to various accidents, hazards and such other problems at the work place. Appropriate laws, rules, regulations, professions, programs, and workplace efforts should be put in place to protect the health and safety of employees and the public as well as the environment from hazards associated with the workplace. In an endeavor to make the organisations free from

such situation the intervention of qualified professionals are to be recruited. The college aims at producing highly talented professionals for which it also offers MBA program in Health Safety and Environment (HSE) of 2 years semesters under Choice Based Credit System giving emphasis on NEP 2020. The college is a pioneer to launch the program for the first time in South India.

The MBA (HSE) program help aspirants to understand about the principles, concepts, theories, hypotheses of business, diverging trends in market scenario, managerial duties in the era of globalization and the recent pandemic and many more. The National Education Policy has realized that the skills are imperative need to cope with challenges of 21st century and resolved to develop specialized knowledge with disciplinary rigor.. The rigorous activities in the program will help developing the qualified professionals in occupational health, safety and environment.

Qualified learners of the PG program in HSE will secure positions in HSE sector; such as seniors HSE / Safety officers, Dy.HSE manager, HSE/EHS engineers and DGM HSE/safety, with attractive pay package in various companies across the world. Further after completing the MBA (HSE), the learners can also pursue research in various discipline specific subjects. They can step in to teaching positions in of higher learning institutions offering programs in HSE.

### **Affiliated to Mangalore University**

#### Semester - I

- ▶ Management Behavioral Process
- ▶ Managerial Economics
- ▶ Management Accounting
- ▶ Safety in Petroleum & Petro-Chemical Industry
- ▶ Marine Safety Management
- **▶** Communication
- ▶ Skills for Managers
- ► Quantitative Techniques for Managers
- ▶ Event Management

#### Semester - II

- ► HSE Management Standards
- ► National Building Code -Fire & Safety
- ▶ Energy Management
- ▶ BOCW Act and Rules
- ▶ Strategic Management
- ▶ Financial Management
- ▶ Risk Analysis & Management
- ▶ Environmental Impact

#### Semester - III

- ► Fundamentals of Industrial Hygiene
- ► Behavioral Based Safety Management
- ▶ Disaster planning and response
- ▶ HSE in Engineering Industries
- ► HSEin Service Industries
- ► Startup and Entrepreneurship

#### Semester - IV

- ► Advance Ergonomics
- → Hazardous waste Management
- ▶ Energy Economics
- ▶ HSE in Powder Handling
- ➤ Project Management & Contract Administration
- ▶ Change Management
- ▶ Research Project





**Faculty:** The College has recruited adequate qualified and experienced teachers as per the standard of UGC. They are highly committed to transmit quality knowledge, skill and attitude to the students. They are also well trained to give better counseling from the preadmission council till the students are well place. Individual concentration would be given on each student so as to enable even the slow learner to accomplish the target result.

**ICT facilities:** Audio/Visual tools, LCD Projectors for classroom teaching, CCTV Cameras across campus and classrooms, Computer Lab, language lab and e-library. ICT training can help teachers stay up-to-date with the latest teaching methods and tools, allowing them to provide a more effective and efficient learning experience for their students.

**Transportation:** The College is also on the process of making an arrangement for pick up and drops of students from various points.

**Library:** The library is housed in a space of 650sqft of the building. Over 2000 books have been purchased recently. The journals in business and management and daily news papers have been given focus mainly enabling the students to augment their knowledge in the domain subjects. The library is focused on digital also under Digital India Mission.

**Wifi:** An uninterrupted Wifi facility is provided so as to ensure hassle free teaching and learning in the campus

**Accommodation:** At present students can stay in well maintained PGs located in a radius of half a KM. The students can feel homely food and stay at normal expenses. The accommodation in the college premises will be ready in a span of 1 year.

**Sports and Games:** The College encourages the students to nurture their interest in the sports and games. Under NEP 2020, thrust is accorded on Sports and Games and Yoga. The required tools and equipment will be provided to the students to practice both indoor and outdoor games. Also more focus will be given yoga to realize Fit India.

**Health:** A doctor with staff will visit the college on demand to ensure good health of students and staff.

**Placement:** The College will have pact with good number of companies in Industry and service organisations. They provide internships to the students and encourage them to conduct project reports which will eventually assure better placement with attractive and best package. The college offers programs of very high demand all over; obviously 100 percent placement is assured.

**Cafeteria:** The College arranges to establish Cafeteria to serve snacks, breakfast and mini-lunch on the basis of 'no profit and no loss'.



