



*Innovating Minds*

# GM UNIVERSITY

P.B.Road, Davanagere, Karnataka, India - 577006



## Digital Technical Competency & Vocational Training

Igniting Innovation  
Inspiring Transformation



**8000+**  
Students



**65+**  
Programs



**350+**  
Faculty Members



**54 Acre**  
Green Serene Vibrant Campus



# GM University Organisation

## Academics

- Faculty of Engineering and Technology (FET)
- Faculty of Computing and IT (FCIT)
- Faculty of Basic and Applied Sciences (FBAS)
- Faculty of Commerce and Management (FCM)
- Faculty of Legal Studies and Public Policy (FLSPP)
- Faculty of Humanities and Social Sciences (FHSS)
- Faculty of Health and Applied Sciences (FHAS)
- Faculty of Tourism and Hospitality (FTH)
- Faculty of Architecture, Art and Design (FAAD)
- Faculty of Agri Technology and Agri Sciences (FATS)
- Faculty of Education (FED)
- GM School of Advanced Studies (GMSAS)
- GM School of Business (GMBS)

- PhD Programs
- Centres of Excellence
- Sponsored/Grant Research
- Research Publications
- Conferences
- Publication of In-House-Research Bulletin
- Organising Prestigious Lectures
- IPR and Patents
- Research Seed Money Funding



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## Competency, Skill & Vocational Training

- School of Vocational Training
- School of Digital Technical Competency Development
- Centre for Online Education-Certification Programs

## IDEA Lab

- GM Techno Centre-Centre for Technical Consultancy
- Centre for Innovation & Design Thinking
- Product Design Centre
- Centre for Technology Product Incubation
- Centre for Business Incubation & Entrepreneurship
- Centre for Collaboration & Partnership Development

# Vice Chancellor Message

At GM University, the School of Digital Technical Competency Development stands out as a pioneering initiative aimed at bridging the gap between academic learning and industry requirements. In the digital age, technical proficiency is essential, and this school focuses on empowering students with the skills needed to meet industry standards. Through comprehensive training programs, advanced infrastructure, and partnerships with leading organizations, students gain hands-on experience in emerging technologies. The focus is not just on understanding concepts but applying them in real-world scenarios, ensuring graduates possess both knowledge and confidence. By fostering innovation, problem-solving, and a strong foundation in digital technologies, GM University aims to make students industry-ready. This initiative provides an unparalleled opportunity for students to develop a successful and impactful career, contributing to technological and societal progress.

*Warm regards,*

Dr. S. R. Shankapal  
Vice-Chancellor, GM University



**Dr. S.R. Shankapal**  
Vice Chancellor, GM University

# Director's Message

At GM University, we are committed to nurturing talent and preparing students for success in a rapidly evolving professional landscape. Recognizing the importance of skill development, our mission is to equip students with the knowledge, technical expertise, and soft skills necessary to thrive. Through innovative teaching methods, hands-on training, and exposure to real-world challenges, we bridge the gap between academic learning and industry demands. The School of Digital Technical Competency Development plays a key role by offering cutting-edge resources, industry mentorship, and live project opportunities. This ensures our students are prepared to tackle global market challenges. We encourage students to seize every learning opportunity, practice their skills, and grow. With dedication and the right guidance, they can achieve their career goals and become leaders in their fields. Together, we aim to shape a brighter future for all students at GM University.

*Warm regards,*

Prof. Keerthi Prasad  
Director, GM University



**Prof. Keerthi Prasad**  
Director, GM University





# Introduction

The School of Digital Technical Competency Development stands as a beacon of innovation, committed to delivering top-tier Competency Development & Vocational Training that bridges the gap between academia and industry.

Here's what sets us apart

## 1. State of the Art Infrastructure

Our campus is equipped with modern labs, the latest software, and cutting-edge technology, providing a conducive environment for learning and innovation.

## 2. Expert Faculty

Learn from industry professionals and scholars with extensive experience in the digital world. Our faculty ensures students are learning from the best.

## 3. Innovative Learning Approach

We go beyond traditional methods with a blend of classroom learning, project-based tasks, and realworld applications, making education engaging and effective.





# Computer Science & AI

At GM University, the School of Digital Technical Competency Development (SDTCD) is dedicated to equipping tomorrow's tech leaders with a robust foundation in Computer Science. Our program encompasses key areas such as software development, data structures, algorithms, cybersecurity, artificial intelligence, and cloud computing. With hands-on labs, real-world projects, and mentorship from industry-experienced faculty, students acquire the practical skills needed to drive innovation in today's rapidly evolving tech world.

## Skills

- Advanced Algorithms & Data Structures
- Cybersecurity & Ethical Hacking
- Natural Language Processing & Generative AI
- Edge AI & IoT Integration
- Cloud Computing & Distributed Systems
- Artificial Intelligence & Machine Learning
- Data Science & Big Data Analytics
- DevOps & Software Automation
- Blockchain & Cryptography
- Internet of Things (IoT) Integration





# Cloud Computing & Data Science

At GM University, the School of Digital Technical Competency Development (SDTCD) offers comprehensive programs in Cloud Computing and Data Science. Our curriculum empowers students with in-demand skills in cloud architecture, virtualization, DevOps, multi-cloud management, and security, preparing them to excel and lead in today's cloud-driven technology landscape.

## Skills

- Programming (Python, R, Julia)
- Statistical Analysis and Modeling
- Machine Learning
- Data Wrangling and Cleaning
- Big Data Tools
- Cloud Architecture and Design
- Infrastructure as Code (IaC)
- Containerization and Orchestration
- Cloud Security





# Cyber security & Information Science

At GM University, the School of Digital Technical Competency Development (SDTCD) offers in-demand expertise in Cybersecurity and Information Science. Our program equips students with essential skills in threat detection, ethical hacking, data privacy, risk management, network security, and digital forensics, preparing them to safeguard and secure the digital world of tomorrow.

## Skills

- Threat Detection and Incident Response
- Ethical Hacking and Penetration Testing
- Network Security and Firewalls
- Data Privacy and Compliance (GDPR, HIPAA)
- Risk Management and Vulnerability Assessment
- Digital Forensics and Cyber Investigation
- Cloud Security and Access Management
- Cryptography and Encryption Techniques





# MBA & Investment Banking & Business Studies

GM University's MBA & Investment Banking programs offer comprehensive skills in financial analysis, portfolio management, risk assessment, and corporate finance. These programs strengthen individual expertise, making graduates highly desirable to leading firms with competitive salary packages and excellent career advancement opportunities.

## Skills

- Financial Modeling and Valuation
- Mergers and Acquisitions (M&A)
- Investment Analysis and Portfolio Management
- Risk Management and Compliance
- Corporate Finance Strategy
- Private Equity and Venture Capital
- Capital Markets and Securities Analysis
- Strategic Financial Planning and Forecasting





# BCA & MCA

Kickstart your tech journey with GM University's BCA and MCA programs! At the School of Digital Technical Competency Development (SDTCD), our industry-focused curriculum offers specialized training in programming, software development, data analytics, and cybersecurity. With hands-on experience through real-world projects and expert mentorship, you'll be ready to thrive in the rapidly advancing tech world.

## Skills

- Advanced Programming and Software Development
- Web Development and UI/UX Design
- Data Structures and Algorithms
- Database Management and SQL
- Cybersecurity and Ethical Hacking
- Cloud Computing and Virtualization
- Data Science and Analytics
- Mobile App Development





# Electrical Engineering Electronic & Communication Engineering

Join GM University's School of Digital Technical Competency Development (SDTCD) for cutting-edge programs in Electrical and Electronics Engineering (EEE) and Electronics and Communication Engineering (ECE). Acquire industry-ready skills through hands-on training and unlock opportunities in technology innovation across diverse fields, including the Electronics and Semiconductor Industry, Telecommunications and Networking, Power and Energy Sector, Automation and Robotics, Embedded Systems and IoT, Aerospace and Defense, Renewable Energy and Smart Grid Technologies, and Consumer Electronics Manufacturing

## Skills

- Analog and Digital Circuit Design and Analysis
- Control Systems
- Embedded Systems
- Robotics and Automation
- Renewable Energy Systems
- Wireless Communication (5G, IoT)
- VLSI Design
- Image and Video Processing
- Smart Grids





# Mechanical & Robotics

Explore Mechanical Engineering and Robotics at GMU's School of Digital Technical Competency Development. Our industry-focused courses seamlessly integrate innovation and hands-on training, equipping students with the skills to excel in the dynamic fields of mechanical design, automation, and robotics. With a strong foundation in mechanical engineering principles and cutting-edge technologies in robotics and automation, students are prepared for advanced careers in industries such as manufacturing, aerospace, automotive, and healthcare, driving the future of intelligent systems and transformative engineering solutions.

## Skills

- 3D Modelling Tools
- Kinematic & Dynamic Simulations
- Engineering Analysis & Simulations
- Robot Programming
- Manufacturing Simulation
- Internet of Things
- GD & T
- Augmented Reality & Virtual Reality





# Biotechnology

Explore fields like molecular biology techniques, agricultural biotechnology, food processing, pharmaceutical development, healthcare diagnostics and environmental research. Gain expertise in CRISPR and Gene Editing, Synthetic Biology, Bioinformatics, and Advanced Bioprocessing.

## Skills

- BLAST
- ChemDraw
- MATLAB
- PYMOL
- Schrodinger Suite
- PHYLIP
- SWISS-MODEL

# Civil Engineering

Empower graduates to efficiently design, analyze, and manage infrastructure projects while unlocking diverse career opportunities in construction, urban planning, transportation, water resources, and environmental engineering, providing them with a distinct competitive edge in the industry.

## Skills

- AutoCAD 2D and 3D
- Building Information Modelling (BIM)
- ETABS
- Autodesk Civil 3D
- MX Road
- WaterGEMS
- ArcGIS
- Primavera P6
- PLAXIS 2D



# B.Sc in Animation and Cinematic VFX

Explore your creative potential with GM University's BSc in Animation and Cinematic VFX at the School of Digital Technical Competency Development (SDTCD)! Our industry-focused curriculum combines artistic innovation with practical, job-oriented training, equipping students with the skills needed to excel in exciting careers in animation and visual effects.

## Skills

- 3D Modeling and Sculpting
- Motion Graphics and Animation
- Visual Effects (VFX) Compositing
- Digital Matte Painting
- Character Rigging and Animation
- Advanced Rendering Techniques
- Simulation and Dynamics (Particles, Fluids)
- Industry Software Proficiency (Maya, Blender, Nuke)





# School of Performing Arts

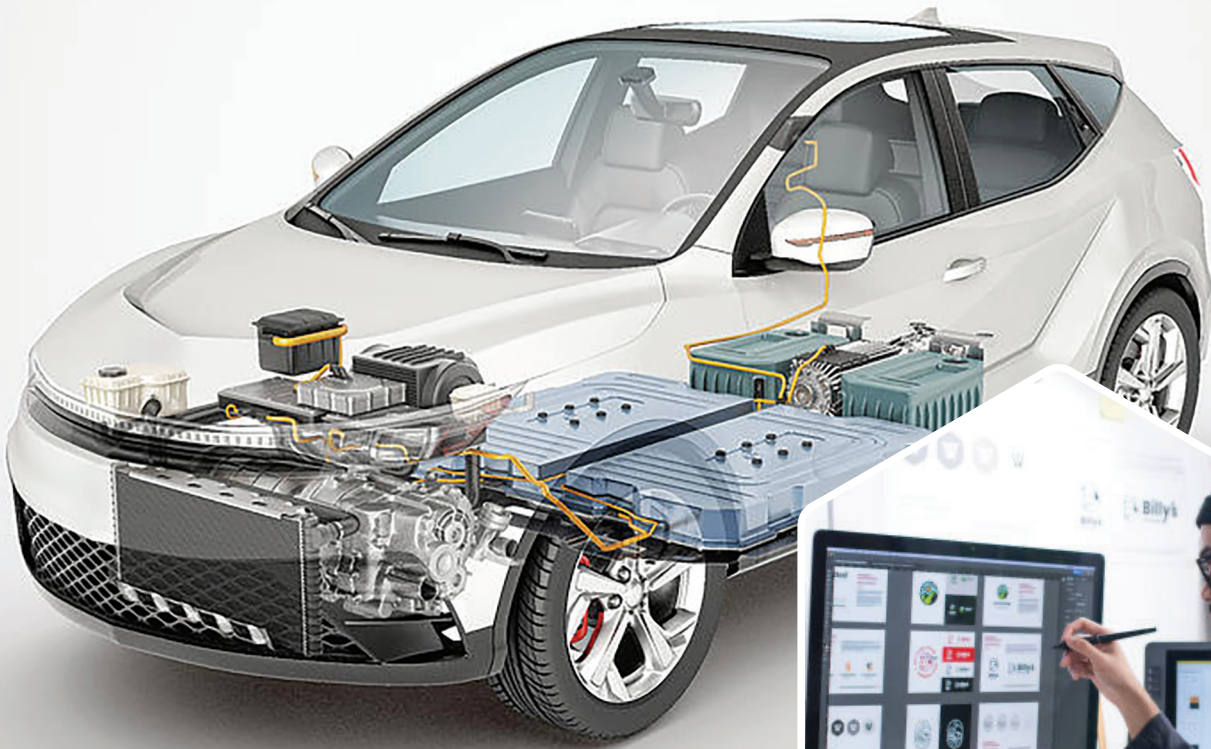
## (Evening Classes)

The Performing Arts Evening/Weekend Program at GMU offers a flexible, modular learning structure. Complete 1 year for a Diploma, 2 years for an Advanced Diploma, and 3 years for a Degree. Specializations include Bharatanatyam, Vocal Singing, Western Dance, and Filmmaking, equipping students with professional skills for creative industries.

## Career Opportunities

- Opportunities for Performing Arts Graduates
- Entertainment Industry (Film, Television, and OTT platforms)
- Music Industry (Recording Studios, Live Performances, and Music Labels)
- Dance Academies (Teaching and Choreography)
- Event Management and Production
- Theatre and Performing Arts Companies
- Digital Content Creation and Social Media Platforms
- Cultural Organizations and NGOs
- Education and Training Institutes





# B.Voc

★★  
**Acquire Dual Degree Simultaneously**

Pursue B.Voc. Degree along with your Present Degree

## Why B.Voc?

- More Practical, Less Theory
- Skill Enrichment
- Develop Entrepreneurial Mindset
- Highest Employability
- Industry ready Professional
- Collaborative Learning/ Industry Linkage
- Earn while you learn
- Multiple Entry/ Exit Options

## List of Programs Offered

- Agricultural Technology
- Aircraft Maintenance
- Airport Ground Services and Support
- Catering Technology
- Construction Technology
- Drone Development and Applications
- Electrical Vehicle Technology
- Farm Machinery and Maintenance
- Fashion Design and Apparel Manufacture
- Graphics Design
- Handicraft Design
- Manufacturing Technology
- Product Design
- Rural Road Design and Construction
- Rural Water Bodies Design and Construction
- Toy Design and Production
- Vehicle Maintenance
- Wood Working and Furniture Making



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India



Karnataka



Davanagere

## Connect us

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