AMET UNIVERSITY

(Deemed to be University Under Section 3 of UGC Act 1956)

ACADEMY OF MARITIME EDUCATION AND TRAINING
DEEMED UNIVERSITY
STEERING QUALITY EDUCATION
AMET

PROSPECTUS
2024-25

31 Years Excellence

- Academic Excellence – Collaborative Learning
- Industry Integrated Programmes
- Technology Immersion with Industries
- Merit & Management Scholarships
- Innovation in Multi and Trans Disciplinary
- One Year/Semester Internship
- Semester Abroad
- Minor Degree

8 Disciplines

20 UG Programmes

6 PG Programmes

24 Research Programmes

23 K + Alumni

Scan to know more

Visit us at :
www.ametuniv.ac.in

Email :
admissiongc@ametuniv.ac.in

AMET UNIVERSITY SCHOLARSHIPS*   15 to 20%

MERITORIOUS

Above 90% Marks in +2 **20% Tuition Fee Waived**
Above 80% Marks in +2 **15% Tuition Fee Waived**

FIRST GRADUATE

Above 60% Marks in +2 **15% Tuition Fee Waived**

SINGLE PARENT

15% Tuition Fee Waived

SPORTS

Secured Gold / Silver / Bronze Medal in any of District /
State / National / International level Sports
15% Tuition Fee Waived

EX-SERVICE MAN

Either Father / Mother should serve in Indian Navy / Army /
Airforce for atleast 5 Years
15% Tuition Fee Waived

SHRI JANAKIRAMAN

Family Income per Annum should be less than 2 Lakhs
15% Tuition Fee Waived

∗Terms and Conditions Apply

PROGRAMMES OFFERED 2024-25   INTEGRATED WITH INDUSTRIES

ENGINEERING AND TECHNOLOGY

B.E.
- Electrical and Computer Engineering
- Mechanical Engineering
- Naval Architecture and Offshore Engineering

B.Tech.
- Artificial Intelligence and Data Science
- Computer Science and Engineering
- Computer Science and Engineering
  (Artificial Intelligence and Machine Learning)
- Computer Science and Engineering (Cybersecurity)

SCIENCE (B.Sc.)
- Artificial Intelligence and Machine Learning
- Computer Science
- Cyber Security
- Data Science and Analytics
- Robotics and Artificial Intelligence
- Food Processing Technology and Management

ARTS (B.Com. & B.A.)
- Commerce (General)
- Logistics and Shipping Management
- Professional Accounting (with CA Coaching)
- Public Policy

MANAGEMENT
- B.B.A.   Shipping
- M.B.A. Hospital Administration
- M.B.A. Shipping and Logistics Management

APPROVED

 University Grants Commission

 All India Council for Technical Education

 Directorate General of Shipping

ACCREDITATION

 A Grade with a CGPA of 3.13

 All Eligible Departments

RANKING

 150-300 Band
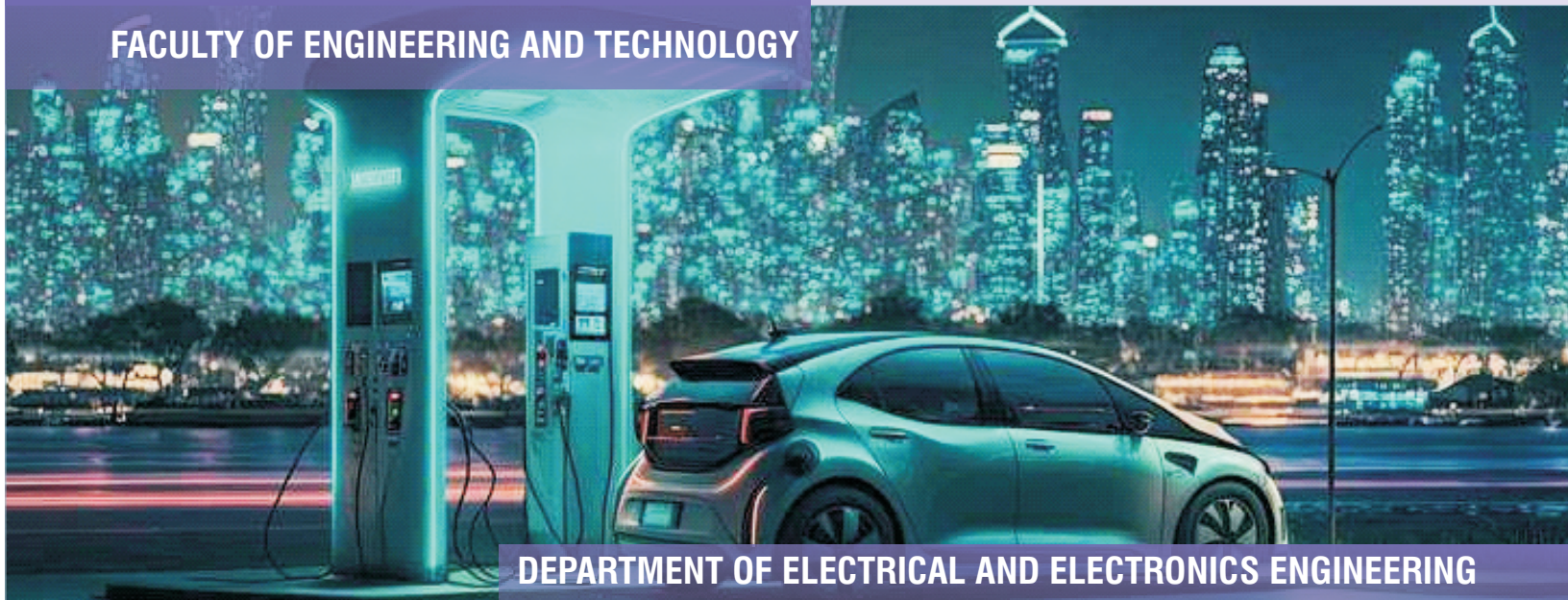
 International Association of Maritime University

 Digital and Smart Campus Rankings 2024

 World Safety Organization, India (State Level)

FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Programmes Offered

B.E. Electrical and Computer Engineering
M.E. Power Systems
Ph. D. Electrical and Electronics Engineering

U.G. Duration
4 Years (for +2) / 3 Years (for Lateral Entry)

U.G. Eligibility
A Pass in 10 +2 (Higher Secondary)with Mathematics Mandatory

Professional Society Recognition
• IEEE • IEI • ISTE • ISOI

Centre of Excellence
Centre for Research in Artificial Intelligence, IOT and Robotics (RAIR)

Study Abroad
MoU with Internationally recognized Universities in Malaysia, Algeria Zambia for Collaborative and Interdisciplinary Research

Minor Degree
Ship Automation

ASPIRE

An EV Engineer
Industry Integrated
EV Specialization with **L&T EduTech**

A Marine Electrical Officer
4 Year Electrical & Computer Engineering +
4 Months ETO at AMET

State-of-the-Art Laboratories
• Industry Immersion
• High-Tech Labs related to Electrical, Marine and Computer
• Strength of Materials
• Electric Vehicle Lab by L&T EduTech
• AICTE sponsored "Skill and Personality Development Centre (SPDP)" for SC/ST Students

Unique Selling Point
• International Internships for Interested students in UK Germany, Malaysia etc.
• Foreign Collaboration with recognized Universities
• EV courses curated by L&T Experts
• One Semester Industrial Training
• Electro Technical Officer

Reskilling and Upskilling for Immediate Jobs in Industry

• TVS Training Services Pvt. Ltd.
• VI Microsystems Pvt. Ltd.

• CDCE Automation and Robotics Pvt. Ltd.
• Skarduino Labs Pvt. Ltd.
• Pantech ProEd Pvt. Ltd.

JOB OPPORTUNITIES

• Schneider Electric	• L & T	• Wipro
• Texas	• AP Moller Maersk	• CTS
• Bharat Electronics	• MSC Shipping	• TCS
• BHEL	• V Ships	• Tech Mahindra
• Siemens	• PIL	• Government Sectors
• Ashok Leyland	• Sembcorp	• Research Organizations

DEPARTMENT OF MECHANICAL ENGINEERING

Programmes Offered

B.E.	Mechanical Engineering
Ph.D.	

U.G. Duration

4 Years (for +2)
3 Years (for Lateral Entry)

U.G. Eligibility

A Pass in 10 +2 (Higher Secondary) with
Mathematics Mandatory

Minor Degree

- Blockchain
- Industrial IoT
- Sustainable Energy Engineering
- Robotics

Centre of Excellence

- Research in Advanced Materials and Manufacturing
  (RAMAM)

ASPIRE

An EV Engineer	**L&T EduTech**	A Marine Engineer
Industry Integrated		1 Year Mechanical Engineering +
		Lateral Entry in Marine Engineering
EV Specialization with		4 Year Mechanical Engineering + 1 Year GME at AMET

State-of-the-Art Laboratories

- Industrial Automation / IoT
- Manufacturing Technology
- Strength of Materials
- Fluid Mechanics
- CAD/CAM Mechatronics
- Thermal Engineering Refrigeration & A/C

Unique Selling Point

- EV Technology Immersion
- Faculty from L & T
- ICT Enabled Smart Classrooms
- Assured Placement
- Industrial Training for 1 Semester

JOB OPPORTUNITIES

		Shipping Industries
• Indian Railways	• Mahindra	
• Transport Corporation	• TVS Groups	• MAERSK
• Power Generations	• Ashok Leyland	• V-Ships
• BHEL, BPCL	• TATA Motors	• Synergy Group
• IOCL, NLC	• IT Industries	• MSC Shipping
• ONGC, SAIL, GAIL	• Siemens	• PIL

DEPARTMENT OF NAVAL ARCHITECTURE AND OFFSHORE ENGINEERING

Programmes Offered

B.E.	Naval Architecture and Offshore
M.E.	Engineering
Ph. D.	

U.G. Duration

4 Years (for +2) / 3 Years (for Lateral Entry)

U.G. Eligibility

A Pass in 10 +2 (Higher Secondary) with Mathematics Mandatory

International Professional Society Recognition

- RINA
- INA
- MTS
- SNAME

State-of-the-Art Facilities

- Numerical Ship Hydrodynamics Laboratory
- Ship Stability Laboratory
- Marine Hydrodynamics Laboratory
- Wave Flume Laboratory
- Marine Simulation Laboratory
- Ship Design Laboratory
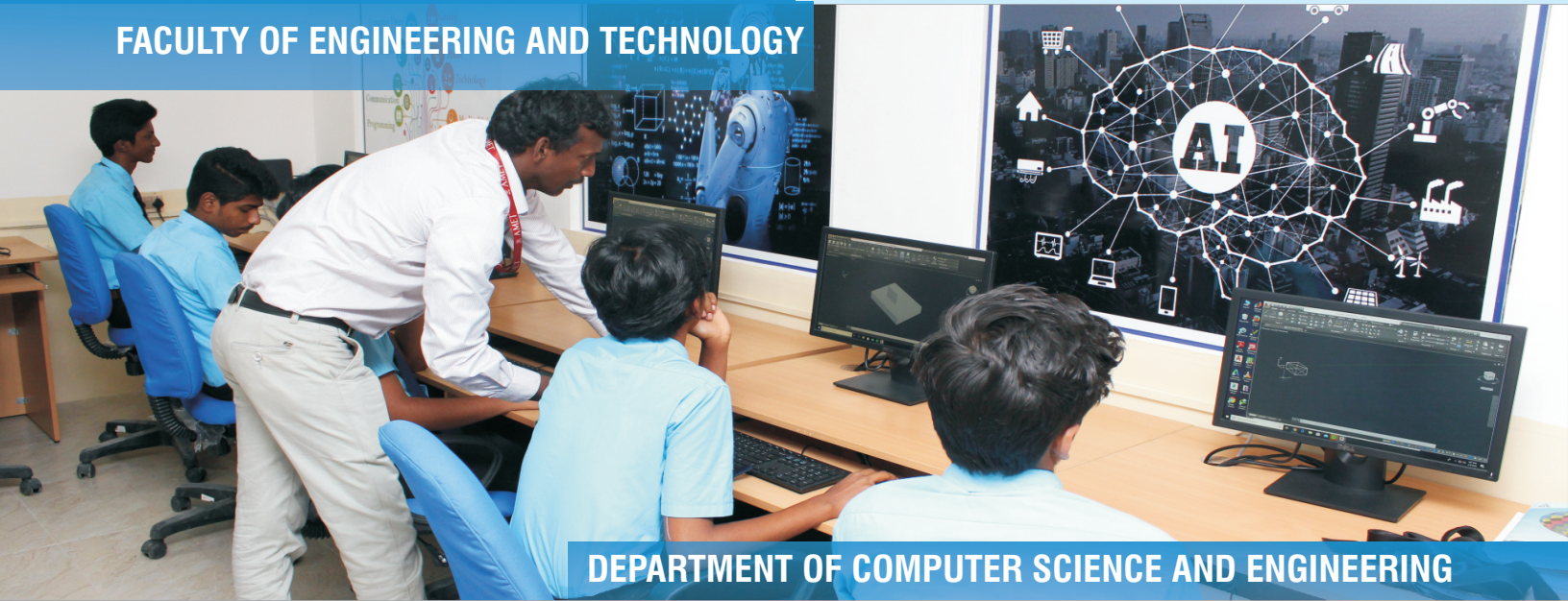
Unique Selling Point

- Industry Integrated Curriculum
- Faculty Graduated from IITs and National Premier Institutes
- Sophisticated Ship / Offshore Structures Design Software
- MoU with Internationally Recognized Universities
- Industrial Internship - One Semester

JOB OPPORTUNITIES

- Naval Architect
- Offshore Structural Engineer
- Ship Surveyor
- Ship Recycling Engineer
- Shipyard Manager
- Ship Performance Analyst
- Dock Master
- Safety Engineer

OUR TOP RECRUITERS

• Seatrium Ltd-Singapore	• Vedam Design & Technical Consultancy-India
• Dubai Drydocks, Dubai	• Mazagon Dock Shipbuilders Ltd.-Mumbai
• Qatar Shipyard-Qatar	• Bernhard Schulte Shipmanagement-Chennai
• Aveva Marine-Mumbai	• Buoyancy Consultants - Mumbai
• PacMak DB-Singapore	• Cybermarine India - Mumbai

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Programmes Offered

- **B.Tech.** Artificial Intelligence and Data Science
- **B.Tech.** Computer Science and Engineering
- **B.Tech.** Computer Science and Engineering
  (Artificial Intelligence and Machine Learning)
- **B.Tech.** Computer Science and Engineering (Cyber Security)

in association with **IBM** ● **Red Hat**

Duration

4 Years (for +2)
3 Years (for Lateral Entry)

Eligibility

A Pass in 10 +2 (Higher Secondary) with Mathematics or Computer Science Mandatory

State-of-the-Art Laboratories

- DBMS
- Hardware
- Network

Minor Degree

- Data Science
- ERP System Management
- Cloud Computing
- Full Stack Development
- Robotics and Artificial Intelligence

Unique Selling Point

- International Internships for Interested Students in UK, Germany, Malaysia etc.
- Expert Faculty with extensive Industry Experience
- Industry Integrated Programmes like IBM, Red Hat, Linux
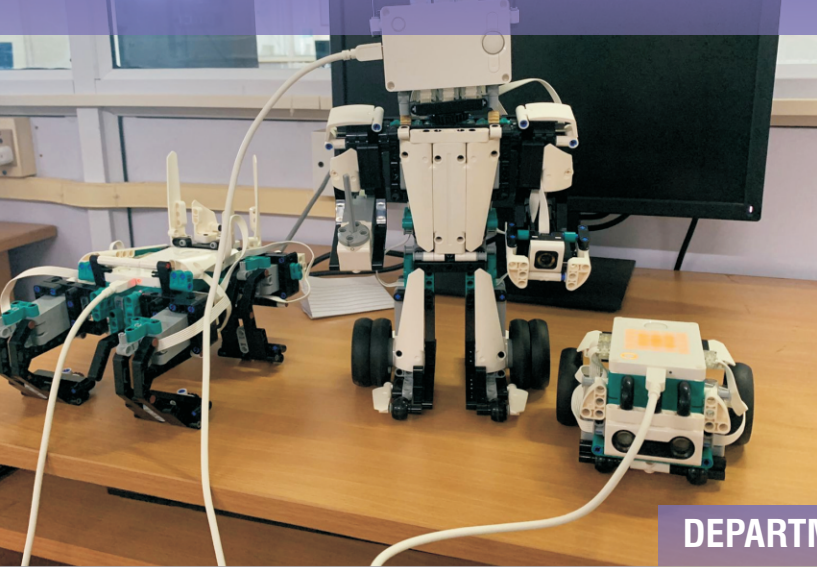- One semester Industrial Training

Upskilling and Reskilling for Immediate Job in Industries

- Deep Learning Using Python
- Full Stack Development
- Web 4.0 / 5.0
- Next Gen Computing
- Linux Fundamentals
- Computer Hardware and Troubleshooting
- Data Analytics
- Gamification

PLACEMENT OPPORTUNITIES

• IBM	• Government Sectors
• Google	• Health Care Sectors
• Microsoft	• Banking and Insurance Organizations
• Amazon	

DEPARTMENT OF ADVANCED COMPUTING SCIENCES

Programmes Offered

- **B.Sc.** Artificial Intelligence & Machine Learning
- **B.Sc.** Computer Science
- **B.Sc.** Cyber Security
- **B.Sc.** Data Science and Analytics
- **B.Sc.** Robotics & Artificial Intelligence

in association with **IBM** **Red Hat** **CDAC** CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

Duration

3 Years

Eligibility

A Pass in 10 +2 (Higher Secondary) with Mathematics Mandatory or Computer Science

State-of-the-Art Laboratories

- DBMS
- Hardware
- Operating System

Minor Degree

- Data Science
- ERP System Management
- Cloud Computing
- Full Stack Development
- Robotics and Artificial Intelligence

Unique Selling Point

- International Internships for Interested Students in UK Germany, Malaysia etc.
- Expert Faculty with extensive Industry Experience
- Industry Integrated Programmes like IBM, Red Hat, Linux
- One semester Industrial Training

Upskilling and Reskilling for Immediate Job in Industries

- Security Analyst
- Database Engineer
- Microsoft Power BI Analyst
- Business Analyst
- Internet of Things
- System Administrator

PLACEMENT	
• **IBM**	• **Government Sectors**
• **Google**	• **Health Care Sectors**
• **Microsoft**	• **Banking and Insurance Organizations**
• **Amazon**	

FACULTY OF LIFE SCIENCES

DEPARTMENT OF FOOD PROCESSING TECHNOLOGY

Programme Offered

B.Sc. Food Processing Technology and Management

Duration

3 Years   2 Years in AMET University
(6 Semesters)   1 Year in Food Industry

Eligibility

A pass in 10 +2 (Higher Secondary) or Equivalent Examination in any stream by recognized boards

Unique Selling Point

- 80% Industry Driven Curriculum
- Re-Skilling & Up-Skilling for immediate jobs in Industries

State-of-the-Art Laboratories

- Food Processing
- Food Analysis
- Food Microbiology
- Food Chemistry
- Unit Operation in Food Technology

Minor Degree in Association with Industry

- 3D Printing in Food Technology
- Packaging Technology

Internship

- 15/30 Days Summer Internship
- Foreign Countries (German/Italy)

INDUSTRY LINKED PROGRAMME

- Hatsun Agro Pvt. Ltd.
- MilkyMist
- Aachi Masala
- Hindustan Coca-Cola Beverages
- Parle Agro Pvt. Ltd.
- Modern Breads
- Angel Starch
- Kwality Milk Foods Ltd.
- MegaFoods
- Earthy Origins
- a-1 Chips
- Aroma Bakery

PLACEMENT

- **Cavinkare Pvt. Ltd.**
- **MilkyMist**
- **Hindustan Coca-Cola Beverages**
- **Aachi Masala**
- **Angel Starch Pvt. Ltd.**
- **Licious**
- **Hatsun Agro Pvt. Ltd.**
- **Parle Agro Pvt. Ltd.**
- **Waycool Foods Pvt. Ltd.**
- **Britannia Industries Pvt. Ltd.**
- **Govt Sectors : FCI, FSSAI, BIS, etc.**

DEPARTMENT OF COMMERCE

Programme Offered

B.Com. Commerce (General)

Duration

3 Years
(6 Semesters)

Eligibility

A Pass in 10 +2 (Higher Secondary) or
Equivalent in any stream

State-of-the-Art Facilities

- ICT Enabled Classrooms with smart board
- Exclusive Commerce Lab
- Hi-Tech Computer Lab
- Wi-Fi Enabled Campus

Minor Degree

- Digital Marketing
- Customer Relationship Management

Unique Selling Point

- Industry Integrated Curriculum
- State-of-the-Art Computer Laboratory
- Placement Training
- Skill Enhancement Training Courses
- 15/30 Days Summer Internship
- One Semester Industrial Training

JOB OPPORTUNITIES

• Government Sector	• Tax Consultant
• Banking Sector	• Audit Assistant
• Finance Manager	• Stock Broker
• Finance Accounting Executive	• Financial Analyst

DEPARTMENT OF COMMERCE

Programme Offered

B.Com. **Logistics and Shipping Management**
in Collaboration with
Logistics Centre of Excellence

CII Institute
of Logistics

Duration

3 Years (6 Semesters)

Eligibility

A Pass in 10 +2 (Higher Secondary)
or Equivalent in any stream with Minimum of 70%

Minor Degree

- Digital Marketing
- Supply Chain Management
- Customer Relationship Management
- Export and Import

State-of-the-Art Facilities

- ICT Enabled Classrooms with smart board
- Exclusive Commerce Lab
- Hi-Tech Computer Lab
- Wi-Fi Enabled Campus

Unique Selling Point

- Industry Integrated Syllabus
- State-of-the-Art Computer Laboratory
- ICT Enabled Smart Classrooms
- Skill Enhancement Training Courses
- 15/30 Days Summer Internship
- One Semester Industrial Training

JOB OPPORTUNITIES

• Government Sector	• Tax Consultation	• Financial Analysis
• Banking Sector	• Audit Assistance	• Logistic Analysis
• Finance Management	• Stock Brokerage	• Logistics Management
• Finance Accounting Execution	• Entrepreneurship/Start-ups	• Supply Chain Management

Programme Offered

B.Com. **Professional Accounting**
(with CA Coaching)

in Collaboration with
J K Shah - A Veranda Enterprise

Duration

3 Years (6 Semesters)

Eligibility

A Pass in 10 +2 (Higher Secondary)
or Equivalent in any stream with Minimum of 70%

State-of-the-Art Facilities

- ICT Enabled Classrooms with smart board
- Exclusive Commerce Lab
- Hi-Tech Computer Lab
- Wi-Fi Enabled Campus

Unique Selling Point

- Sync with ICAI Curriculum
- Faculty from Industry and J K Shah
- ICT Enabled Smart Classrooms
- Specialized CA Coaching
- Articleship Assistance by Veranda
- Coaching for Foundation Intermediate Group I & II

JOB OPPORTUNITIES

• Government Sector	• Tax Consultant
• Banking Sector	• Audit Assistant
• Finance Manager	• Stock Broker
• Finance Accounting Executive	• Financial Analyst

9

DEPARTMENT OF PUBLIC POLICY

Programme Offered

B.A. Public Policy
in Collaboration with

SHANKAR IAS ACADEMY ™
SINCE 2004   Best Academy for Civil Services Exam Coaching

Duration

3 Years
(6 Semesters)

Eligibility

A Pass in 10 +2 (Higher Secondary)
in any stream

For Whom?

Aspirants
- UPSC (IAS, IPS, IRS, IFS, etc.)
- State Public Service Commission

Subject Coverage

- Geography
- Indian Polity and Governance
- Public Administration
- Psychology & India's Foreign Policy
- Disaster Management & Environment
- Public Policy India & World
- Society in India
- Indian History & Culture
- Indian Economy
- Right to Information Act
- Recent Developments in the field of Science & Technology

JOB OPPORTUNITIES

• Government Sectors	• Non - Profit Organizations
• Public Sectors	• Budget Analysts
• Private Sectors	• HR Managers
• Research Organizations	• Political Scientists

Programme Offered

B.B.A. Shipping

Duration

3 Years (6 Semesters)

Eligibility

A Pass in 10 +2 (Higher Secondary) or Equivalent in any stream

Alumni

- 32% Placed in Multinational Companies
- 48% Placed in Indian Companies
- 5% Students pursing higher studies in Abroad
- 10% Progression to higher studies in India
- 5% Turned as Entrepreneurs

Unique Selling Point

- Blended & Experiential Learning
- Industry Collaborative Internships & Industrial Visits
- Ample Placement Opportunities
- Value Enriched Courses for Additional Knowledge
- Industry Integrated Curriculum

Job Opportunities

- Shipping Companies
- Sea Ports & Airports
- Retail Sector
- Warehouses
- Manufacturing Industries
- Banking and Insurance
- Logistics & Supply Chain Companies

PLACEMENT		
• JSW	• Autofreight Shipping & Logistics	• Ceva Logistics
• AP Moller - Maersk	• Express Global Logistics	• CH Robinson
• DHL	• Seashell Logistics	• DA-Desk
• Allcargo Logistics	• Blume Global	• CMA-CGM
• Ocean Network Express	• Bruhat Logistics	• Shiny Shipping

AMET BUSINESS SCHOOL

Programme Offered

M.B.A. Hospital Administration
in Collaboration with
Kauvery Hospital Chennai kauvery hospital

Duration

2 Year PG Program (4 Semesters)

Eligibility

Any Degree from Recognized Universities with 50% Marks

Unique Selling Point

- Live Projects and Internships in leading Corporate Hospitals
- Sui Generis Blend of Management and Healthcare Education
- 40:60 coverage by Healthcare Industry Experts and Academicians
- Congruent Collaborations with Healthcare Industry
- Extensive Placement
- Sustainable Healthcare Management

Opportunities

- HR in Health Care
- Administration in Health Care Management
- Clinical Specialist
- Medical Administrators
- Developing Sustainable Healthcare Business

PLACEMENT

• **Hospitals**	• **Nursing Homes**
• **Telemedicine Companies**	• **Medical Tourism Agencies**
• **NGOs**	• **Health Insurance Companies**
• **Medical Equipment Companies**	• **Pharmaceutical Industries**
• **Life Style Clinics**	• **Outpatient Care Centers**

AMET BUSINESS SCHOOL

Programme Offered

M.B.A. Shipping and Logistics Management

Duration

2 Year PG Program (4 Semesters)

Eligibility

Any Degree from Recognized Universities
with 50% Marks

- **51%** Alumni have got placed in Dubai and GCC with a maximum Package of Rs. 20 LPA

- **39%** Placed in India, with a maximum Package of 15 LPA

- **5%** Got Placed in the other foreign Countries

- **5%** Turned as Entrepreneurs

Unique Selling Point

- Development of Intellectual, Strategic & Collaborative competencies
- Unique Sector Specific Program
- Elan Internship and Placement in Dubai
- Congruent Collaborations with Shipping & Logistics Industry
- Global Leadership
- Lucrative Placement

Job Opportunities

- Shipping Companies
- Sea Ports & Airports
- Chartering & Liner Operations
- Warehouses
- Customs House Agency
- Freight Forwarding
- NVOCCs
- Logistics & Supply Chain Management

PLACEMENT		
• JSW	• Autofreight Shipping & Logistics	• Ceva Logistics
• AP Moller - Maersk	• Beroe Inc	• CH Robinson
• Al Barrak	• Blue Bell Shipping	• Chennai Port
• Allcargo Logistics	• Blume Global	• CMA-CGM
• Aramex	• Bruhat Logistics	• CP-Desk

PROGRAMMES OFFERED

INTEGRATED WITH INDUSTRIES

ENGINEERING AND TECHNOLOGY

B.E. Electrical and Computer Engineering

B.E. Mechanical Engineering

B.E. Naval Architecture and Offshore Engineering

B.Tech. Artificial Intelligence and Data Science

B.Tech. Computer Science and Engineering

B.Tech. Computer Science and Engineering
(Artificial Intelligence and Machine Learning)

B.Tech. Computer Science and Engineering (Cybersecurity)

SCIENCE

B.Sc. Artificial Intelligence and Machine Learning

B.Sc. Computer Science

B.Sc. Cyber Security

B.Sc. Data Science and Analytics

B.Sc. Robotics and Artificial Intelligence

B.Sc. Food Processing Technology and Management

ARTS

B.Com. Commerce (General)

B.Com. Logistics and Shipping Management

B.Com. Professional Accounting (with CA Coaching)

B.A. Public Policy

MANAGEMENT

B.B.A. Shipping

M.B.A. Hospital Administration

M.B.A. Shipping and Logistics Management

SEMESTER ABROAD

City of Glasgow College, UK
University of Strathclyde, UK
University of Portsmouth, UK
Edge Hill University, UK
University of Plymouth, UK
James Cook University, Australia
(Singapore Campus)

POST GRADUATE

M.E. Marine Engineering
M.E. Naval Architecture and Offshore Engineering
M.E. Petroleum Engineering
M.E. Power Systems

RESEARCH

Ph.D. (all Disciplines)

AMET UNIVERSITY

(Deemed to be University Under Section 3 of UGC Act 1956)

CHENNAI | TAMILNADU | INDIA

For Admission
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www.ametuniv.ac.in

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