G.S.Mandal's

M I T

A group of Academic & Research Institutions

A u r a n g a b a d

Quest for Excellence

NAAC Accredited with Grade 'B'

42 Years of
Technical Education

INFORMATION
BROCHURE

MIT CIDCO, Aurangabad.

Plot No. 37, D - Sector, N-4, CIDCO, Aurangabad - 431 003.
Phone : +91-0240-2993742
E-mail : principal.mitc@mit.asia | website : https://cidco.mit.asia

OBJECTIVES

- To help students identify and meet academic and career objectives.
- To offer educational and training programs to strengthen basic foundation and help develop in-depth knowledge and requisite skills.
- To work with students to develop competencies required to accept global challenges and meet and exceed requirements of the industry
- To offer continuous training opportunities to employees to excel in their sphere of activity.
- To offer conducive environment for employees to develop entrepreneurial spirit and sense of ownership.
- To identify, review and continually enhance the key performance parameters consistent with the vision and mission.

VISION »

"Quest for Excellence" in pedagogy Human beings are evolving and a key enabler of this evolutionary process is knowledge which is helping us demystify and understand the nature. MIT treats education as a continuous process of human development, aptly represented by its vision statement of "Quest for Excellence" in pedagogy.

MISSION »

We are committed to provide education and training in computer science, information technology, automobile technology, workshop technology, management etc. to enable aspiring students to develop their fullest potential in their chosen areas through:

- Structured programs evolving with the times ■ Offering opportunities to go beyond prescribed curriculum
- Collaboration and cooperation with industry and institutions ■ Employee empowerment at all levels
- Innovation, incubation and entrepreneurship support ■ Dedicated, experienced and well qualified faculty
- State of the art laboratories & libraries ■ Well-appointed classrooms & infrastructure
- Relevant research & development program

ABOUT GRAMAUDYOGIK SHIKSHAN MANDAL

Late Shri. Anandraoji Deshmukh

"Gramaudyogik Shikshan Mandal (GSM)" was established by the renowned freedom fighter and visionary Late Shri Anandraoji Deshmukh. The year was 1975, and GSM's focus was on imparting education (Shikshan) particularly in science and technology (Audyogik) at village (Gram) level in order to develop and make villages self sustainable. Visionary academicians joined hands with committed & academically inclined industrialists to create the thrust and drive the education under the umbrella of "MIT-a Group of Academic & Research Institutions".

PRESIDENT'S DESK

Prof. Dr. Y.A. Kawade

The Gramaudyogik Shikshan Mandal is established to create opportunities for the unprivileged and underprivileged young generation to have meaningful education and training. Answer to this is MIT. In the narrow spectrum of technical education, to create opportunities of learning may be a task of few years span in life of any individual.

However, it is a continuous, constant and lifelong process of learning in the life of an institution like MIT. To keep pace of changes in knowledge and skills, the community has to have confidence in the courses which are offered, are enjoying highest standard and lead to meaningful careers.

This organization is striving for this goal. The worth of any organization depends upon what they know, rather than what they own.

To ensure this, MIT is doing its best through qualified, experienced and devoted faculty. This will infuse success into a specific program and also enrich its academic level within the hierarchy from entry level to final stage. This organization is slowly transforming itself from a teaching institution to a place of full opportunities of learning institution.

ABOUT
G.S. MANDAL

Gramaudyogik Shikshan Mandal (GSM), Aurangabad, Maharashtra, India is the parent Trust established in 1975 under Bombay Public Trust Act and also registered under Society Registration Act. Over last four decades, GSM has established more than 20 Institutes and Centers of Excellence developed in different fields of Engineering and Technology. GSM has grown organically in three important provinces of India, viz. Maharashtra, Delhi and Uttar Pradesh. More than 12000 full time students are on different campuses from primary to post graduate education and vocational training.

GSM through its premier institutes referred as MIT, offers wide range of programmes for graduation level in faculty of agriculture, engineering & technology, information technology, architecture, food technology, health sciences and nursing; for post-graduation programmes in food processing technology, engineering & technology, management, and architecture; for vocational level - polytechnic, vocational programmes, industrial skill set programs and technical school level programmes.

GSM has developed state of the art infrastructure, computer centers, learning aids and research laboratories at each location and supports it by qualified and dedicated staff members. We are proud of being recognized as students centric and faculty driven organization. More than 15000 alumni are spread out across the globe and performing well in different walks of life. They are the real brand ambassadors of MIT, as their success reflects contribution of their education to their career and life.

GSM has been continuously encouraging its institutes to create collaborative environments for knowledge exchange by developing linkages between industries and other organizations. MIT has been a pioneer in accomplishing this purpose and has successfully established mutually beneficial, triangular partnership among academic institutions, industries and government organizations. Such collaborative approach has enabled a trailblazer in finding solutions to live problems from industries and pave a way for research projects. MIT has been associated with hundreds of companies for imparting students training and placements.

MIT AMBIENCE

Over the years we have transformed MIT from a mere teaching institution to a truly learning institution. Our initiatives in industry tie-ups for technological upgrades, industry participation in setting up "Centres of Excellence", international tie-ups & projects, our motivated faculty and focus on R & D activities go a long way to achieve our primary objective of providing top of the Computer, IT, Management & Technology education at our MIT, CIDCO, Aurangabad campus. Our environment oriented initiatives has led us to many projects in Hybrid Bike, Farmer's Multi utility tractor 'VANRAJ', Merchant bullet, Solar Tricycle, Robo Mobo Farming and many more.

Students Welfare :

GOI Scholarship, Central Sector Scholarship, Minority Scholarship, Book Bank Facility, Career Guidance Cell, Earn & Learn Scheme and many more.

DIRECTOR GENERAL'S DESK

Prof. Munish Sharma
Director General, MIT

I am happy to place in your hands this brochure which will enable you to know us better. With our various institutions and fully equipped campuses we offer more than 53 courses in diverse disciplines like Agriculture, Engineering, Technology, Management, Information Technology, Architecture, Food Processing Technology, Applied Science, Health Sciences and Nursing at undergraduate as well as Post graduate level. Our VISION and MISSION coupled with "Quest for Excellence" has been and will continue to be a guiding force for me and my colleagues.

MIT is a place where we not only strive to train the students to acquire practical and professional knowledge to become excellent technocrats, thinkers and leaders; but also imbibe social responsibilities and ethical principles so that they can strongly and safely realize improvements in the lives of people.

MIT group of institutions is the answer where you seek technical & professional excellence in education. The programmes that we offer at various institutions of MIT enjoy the highest standards and lead to meaningful careers. Our qualified, experienced and dedicated faculty is striving and will continue to strive for educational enrichment of our students. Over the years we have transformed MIT from a mere teaching institution to a truly learning institution.

Innovation is and will continue to be the keyword at MIT. Our initiatives in industry tie-ups for technological upgrades, industry participation in setting up "Centers of Excellence", international tie-ups & projects, our motivated faculty and focus on Research & Development activities go a long way to achieve our primary objective of providing top of the line engineering education at the Aurangabad campus. Our environment oriented initiatives has led us to many projects in energy conservation, solar power, bio-fuels, bio-gassifiers and many more.

Our teaching faculty is well qualified, dedicated & motivated and participates at various national and international levels to upgrade & update technological advancements taking place globally.
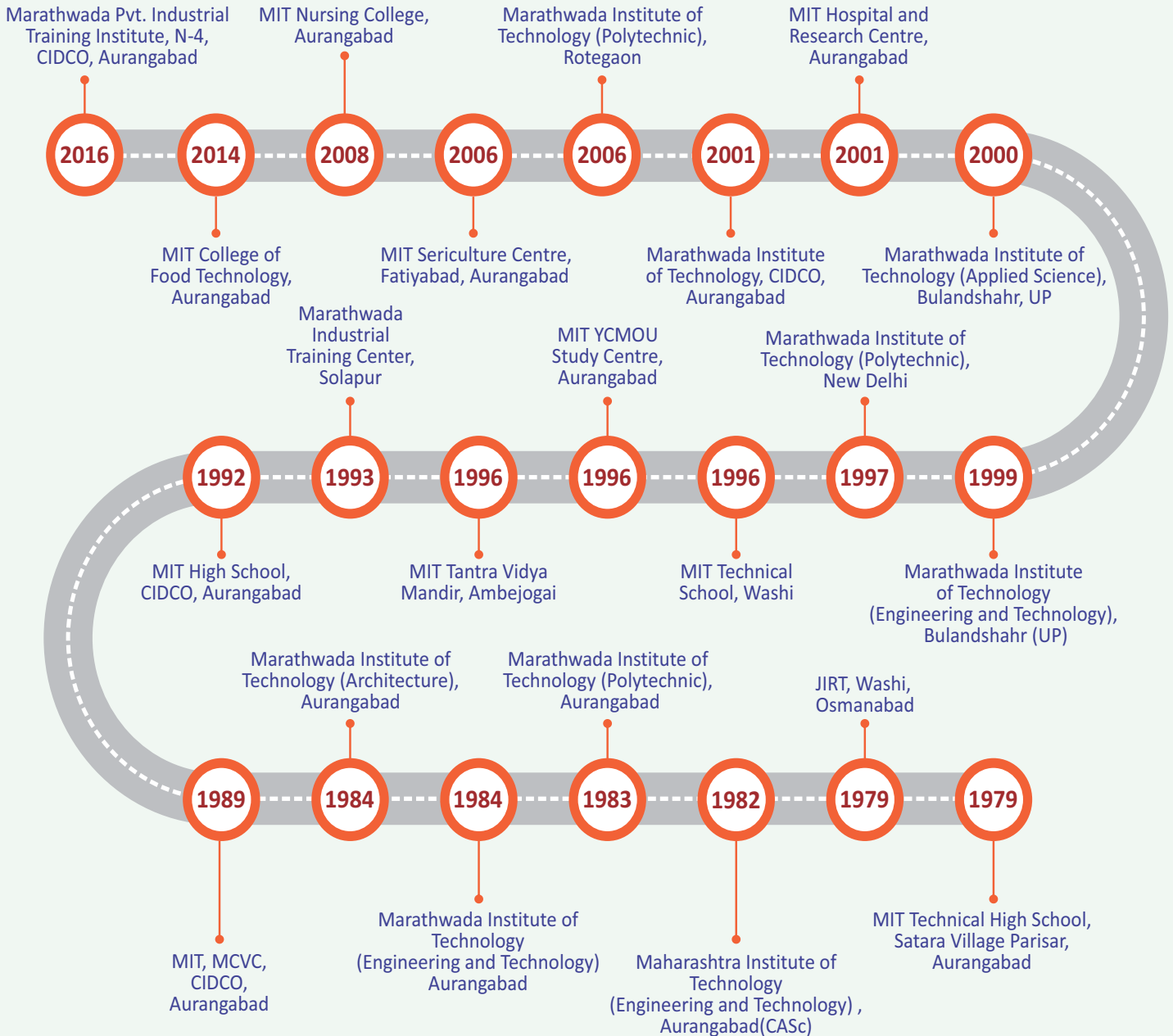
By serving as a catalyst for industry-academic partnerships, MIT attempts to bring intellectual capital and emerging technologies together to improve quality of engineering and technology education. This in turn contributes to build India's capacity for intellectual and economic growth to cater to the need of stakeholders. MIT has developed state-of-the-art infrastructure, computer centers, learning aids and research laboratories at each location and supports it by qualified and dedicated staff members.

We are proud of being recognized as student-centric and faculty-driven organization. More than 15000 alumni are spread out across the globe and are excelling in different walks of life. They are the real brand ambassadors of MIT as their success reflects contribution of their education to their career and life.

This brochure will give you a bird's eye view of MIT. For details please visit our website.

https: www.mit.asia   *https: www.cidco.mit.asia*

Marathwada Pvt. Industrial Training Institute, N-4, CIDCO, Aurangabad

MIT Nursing College, Aurangabad

Marathwada Institute of Technology (Polytechnic), Rotegaon

MIT Hospital and Research Centre, Aurangabad

2016 — **2014** — **2008** — **2006** — **2006** — **2001** — **2001** — **2000**

MIT College of Food Technology, Aurangabad

MIT Sericulture Centre, Fatiyabad, Aurangabad

Marathwada Institute of Technology, CIDCO, Aurangabad

Marathwada Institute of Technology (Applied Science), Bulandshahr, UP

Marathwada Industrial Training Center, Solapur

MIT YCMOU Study Centre, Aurangabad

Marathwada Institute of Technology (Polytechnic), New Delhi

1992 — **1993** — **1996** — **1996** — **1996** — **1997** — **1999**

MIT High School, CIDCO, Aurangabad

MIT Tantra Vidya Mandir, Ambejogai

MIT Technical School, Washi

Marathwada Institute of Technology (Engineering and Technology), Bulandshahr (UP)

Marathwada Institute of Technology (Architecture), Aurangabad

Marathwada Institute of Technology (Polytechnic), Aurangabad

JIRT, Washi, Osmanabad

1989 — **1984** — **1984** — **1983** — **1982** — **1979** — **1979**

MIT, MCVC, CIDCO, Aurangabad

Marathwada Institute of Technology (Engineering and Technology) Aurangabad

Maharashtra Institute of Technology (Engineering and Technology) , Aurangabad(CASc)

MIT Technical High School, Satara Village Parisar, Aurangabad

cidco.mit.asia

CLASSROOM

CONFERENCE HALL

PLAYGROUND

INDOOR GAMES

INFRASTRUCTURE

The College has unique location in the heart of city that is CIDCO N4 area in Aurangabad.

The Building has amenities like spacious classroom, office, library, ultra modern computer labs & Automobile Laboratory, spacious conference hall, reading room etc.

MIT Campus has modern sports facilities like play ground for cricket, Volley ball, Tennis, Kho-Kho, Kabbadi and many more.

Hostel A Home Away From Home

The hostel accommodation is very safe, comfortable & in the campus. The hostel has well furnished rooms with excellent facilities.

UNIFORM
Sky Blue Shirt,
Blue Jeans
& Shoes.

LIBRARY

Library is spread over 1500 Sq. ft. area in separate hall, has around 5000 + volumes, 1000 + titles, Research journals, News papers etc. Library is fully computerized available with e-books.

CO-CURRICULAR ACTIVITIES

- ▶ N.S.S.
- ▶ Cultural and Social Activities
- ▶ Conference / Workshops
- ▶ Industrial Visit
- ▶ Educational Tours
- ▶ Teacher Guardian Scheme
- ▶ Personality Development
- ▶ Uniform

Blood Donation

Industrial Visit

N.S.S Camp

College Trip

N.S.S

ACHIEVEMENT AND AWARDS

▶ Dhiraj Kewat - from B.Sc. (WT) Paticipated in Interuniversity Mallakhamb Tournament 2021-2022

▶ Shubham Pardeshi - from BCA won Silver Medal in Taekwando, Inter Collegiate Tournament in 2019.

▶ Shweta Sarose - from B.Sc.(CS) won Gold Medal in State Level Invitational. Karate Championship 2018.

Gaurav Pase from B.C.A. III Year won third prize in Mrudmurti Kala Event in

▶ "Central Yuva Festival - 2018" at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

▶ More than 100 students certified in International Certification of red hat.

▶ Satyajeet Kuber & Prasad Takwale - (Yoga) Inter collegiate & Inter university kurushetra 2013-14 & 2014-15

▶ Tejas Pattekar - (Boxing) Inter collegiate & Inter university, Banaras 2013-14

▶ Aniket Shelke - (Fencing) Inter collegiate & Inter university, Delhi 2013-14

▶ Gajendra Gawandar – (Taikwando) Inter Colligate & Inter University in Patiala2010-11

▶ Mahesh Muthal & Anand Phalke - Inter Collegiate Debate & Elocution Competition 2009-10

▶ Ganesh Palaskar – 3rd Price – Inter Collegiate Wrestling Competition 2008

▶ Jyoti Bhore – Kho-Kho – Inter Collegiate and Inter University Competition 2006-08

▶ Sayyed Riyazuddin – 2nd Price – Inter University Judo Competition 2006

EXPERT TALK

Dr. Ramesh Manza - Research Methedology

Shri. M.A. Patil - Career Guidance

Shri. R.R. Gunjal - Engine Assembly & Testing

Prof. Sonali Kulkarni - Prepration of NET /SET

INTERNET VIDEO CONFERENCING

The students can seek expert advice for their academic problems and difficulties also they can get guidance through video conferencing by experts of industry and academia.

The students pursuing & excelling in the academic programs at MIT are moulded to embark upon a professional career, be it industry, entrepreneurship or higher studies. The training programs at MIT are geared up to expose & prepare the students to shoulder responsibilities and excel in their professions.

The Training & Placement cell, with our strong industry associations organizes Management Development Programs, consultancy, industry visits, guest lectures, CEO Forums, student participation in various events associated with industries & internships. The Centre of Excellence provide an opportunity to work on live projects. As a result our students have found wide acceptance in the industry.

STUDENTS SELECTED IN CAMPUS INTERVIEW 2018-2019

Automobile Technology »

Harman International, Pune

Nitin Lenekar	Akshay Desai
Akash Gaikwad	Gaurav Shreerao
Ravindra Gadekar	Hemant Gidmare
Krushna Kawade	Nimesh Mohite
Rushikesh Kadam	Deepak Rathod
Abhijit Naiknaware	Sohel Shaikh

SS Equipment's

Ravindra Bhalekar

Varroc Plant No. 1

Abhishek Ambhore

Endurance Pvt. Ltd.

Rupesh Dhake

Computer Science & IT »

Infoysis - BMP

Surekha Jagade

Workshop Technology »

Siddhart Mandale (Harman)   Pranjal Pimpalkar (Endurance)   Hemant Jadhav (Endurance)

Training and Placement - 2019-20

Computer Science & IT / BCA »

Infosys
Ashwini Paraye
Sumit Khillare

Wipro Limited
Ashwini Paraye

Pagariya Auto
Anil Vishwakarma
Aniket Salwe
Pratik Mule

Automobile Technology »

Renata Precision Components Pvt.Ltd.

Shinde Mahesh	Gaikwad Kailas	Bankar Prasanna
Chachar Prasad	Thakre Umesh	Bannore Kunal
Hivarkar Pavan	Surase Datta	Vyavhare Sagar
Mahesh Jadhav	Nitin Ghodke	Sawate Ananta
Jadhav Narayan	Satpute Kaustub	Purushottam Sani

Training and Placement - 2020-2021

Automobile Technology »

Sanjeev Auto

Bhawar Gajanan Dilip

Joshi Ruturaj Dattatray

Khairnar Pradip Nandu

Pull Vishnu Murale

Shaikh Awez Yusuf

Lomte Praful Bhimrao

Surase Akash Jalindhar

Suroshe Mahesh Parmeshwar

Maruti Suzuki Automotive

Shisode Yogesh Sanjay

Varroc Auto

Awchar Bhaskar Wamanrao

Kia Motors

Rajput Vishalsingh Sanjaysingh

Computer Science & IT / BCA »

Cognizant

Shubham Sambhajirao Solunke

Training and Placement - 2021-2022

Computer Science & IT / BCA »

Tata Consultancy Services, Pune

Avinash Vitthal Kumbhar

Manasi Subhash Dhabale

Pooja Suste

CyberX Security Technologies

Pooja Kailas Jadhav

Kiran Ramesh Wagh

Soham Laxman Khatade

Pratik Mahadev Giri

Saurabh Sadashiv Chikte

Sagar Prabhakar Dahihande

Pranav Rajendra More

Lalit Chatur Pawar

Rushikesh Bhujangrao Ghuge

Kapil Santosh Jogi

Swapnil Rahul Salve

Yashoda Raghubar Gautam

Infosys

Rutuja Bhuvankar

IBM

Gore Mayuri

JLL

Swarupa Solunke

ECS Technologies Pvt. Ltd.

Mahesh Abhiman Maske

QM Technology

Patil Virendra Singh

Automobile / Workshop Technology »

Perkins – Caterpillar Group

Sagar B. Pawar

Abhishek G. Ligade

Rupesh V Surjuse

Suddam Mehboob Shaikh

Tushar Prabhakar Jadhav

Ajinkya Baliram Jadhav

Yash Ganesh Digole

Sagar Ramesh Bansodkar

Virendra Ravindra Mohad

Karan Bhagwan Solanke

Avinash Vishwanath Channe

Amol Gorakh Karde

Varshal Gajanan Khillare

Sachin Khandagale

UNDER GRADUATE

	ELIGIBILITY CRITERIA
BCA (Bachelor of Computer Application)	12th or MCVC.
B.Sc (Computer Science) B.Sc CS	12th Science or MCVC in CT & ET or Diploma in Engineering CT & ET.
B.Sc (Information Technology) B.Sc IT	12th Science or MCVC in CT & ET or Diploma in Engineering CT & ET.
B.Sc (Automobile Technology) B.Sc AT	
B.Sc (Workshop Technology) B.Sc WT	12th Science or MCVC or ITI (2 years) or Diploma in Engineering.
B.Sc (Refrigeration and Air Conditioning) B.Sc RAC	

POST GRADUATE

M. Sc. (Computer Science)	B.Sc. (CS / IT) or BCA or any other B.Sc. Degree with one of the subject Physics / Computer Science.
M. Sc. (Information Technology)	B.Sc. with Mathematics as one of the Subjects at XII Std. B.Sc. (CS/ IT) or B.Sc. Degree with one of the subject Mathematics/ Physics/ Computer Science.

Bachelor of Computer Application (B.C.A.)

(Subjects at Glance Dr. Babasaheb Ambedkar Marathwada University, Aurangabad)

First Semester
1. Finanial Accounting - I
2. Industrial Economics
3. Operating System-I
4. Business Statistics
5. Business Communication
6. Elective Paper (Any One)
a. Office Automation Tools
b. Basic Web Technology-I

Third Semester
1. Principles of Management-II
2. OOPs using C++
3. Business Law-I
4. DBMS
5. E-Business Essentials
6. Elective Paper (Any One)
a. Data Structure & Algo.
b. RDBMS using ORACLE

Fifth Semester
1. Management Accounting
2. SQL 2017
3. VB
4. Organizational Behavior
5. Software Engineering
6. Elective Paper (Any One)
a. Banking and Insurance
b. Retail Management

Second Semester
1. Accountancy - II
2. Industrial Organization
3. Mathematics
4. Programming in C
5. Principles of Management
6. Elective Paper (Any One)
a. Unix Operating System-II
b. Basic Web Technology-II

Fourth Semester
1. Cost Accountancy
2. Java Programming
3. MIS & DSS
4. Business Law-II
5. Entrepreneurship Development
6. Elective Paper (Any One)
a. PC Maintenance
b. Advance Networking

Sixth Semester
1. Elements of Commercial Portals(HTML 5)
2. Android 9
3. B.Law-III
4. Project
5. Software Testing
6. Elective Paper (Any One)
a. Service Marketing
b. Export Management

Bachelor of Science (Computer Science) – B.Sc. (C.S.)

(Subjects at Glance Dr. Babasaheb Ambedkar Marathwada University, Aurangabad)

First Semester
1. Computer Fundamentals
2. Digital Electronics
3. Micro processor - I
4. C Programming - I
5. Communication Skill- 1
6. Mathematical Foundation
7. Office Suite

Third Semester
1. Advanced Data Structure
2. Unix Operating System
3. P.C. Maintenance
4. Programming in C++
5. Database Mgmt. System
6. Statistical Method

Fifth Semester
1. Core Java –II
2. Basic of Android O. S.
3. Software Cost Estimation
4. Basic of Computer Graphics
5. Elective-I Any One
   a. Beginners Programming with PHP
   b. Basic of ASP.Net
6. Elective-II Any One
   a. Data Mining
   b. Advanced Networking

Second Semester
1. Data Structure
2. Operating System
3. Micro Processor - II
4. C Programming – II
5. Communication Skill-II
6. Numerical Computation Methods

Fourth Semester
1. Software Engineering
2. Fedora
3. Basic of Networking
4. Core Java
5. Advanced Database Mgmt. System
6. Web Fundamental

Sixth Semester
1. Software Quality and Testing
2. Android Application Development
3. Theory of Computation
4. Advanced Computer Graphics
5. Elective-I Any One
   a. Advanced Programming with PHP
   b. Programming Language: C #
6. Elective-II Any One
   a. E-Commerce
   b. Ethics and Cyber Law

Bachelor of Science (Information Technology) – B.Sc.(I.T.)
(Subjects at Glance Dr. Babasaheb Ambedkar Marathwada University, Aurangabad)

First Semester
1. Computer Fundamentals
2. Digital Electronics
3. Microprocessor -I
4. C Programming -I
5. Communication Skill -I
6. Mathematical Foundation
7. Office Suite

Third Semester
1. Database Mgmt. System
2. Android-I
3. IT Tools & Web Designing -II
4. Programming in CPP
5. Personality Development
6. Statistical Method

Fifth Semester
1. Software Project Management-II
2. Data Communication and Networking
3. Programming with PHP
4. Ethical Hacking
5. Elective-I Any One
a. Data Warehousing
b. Computer Graphics
6. Elective-II Any One
a. Core Java II
b. Extended Markup Language

Second Semester
1. Data Structure
2. Operating System
3. I.T. Tools & Web Designing - I
4. C Programming – II
5. Communication Skill – II
6. Numerical Computation Methods

Fourth Semester
1. Advanced DBMS
2. Advanced Android Application Development
3. I.T. Tools & Web Designing -III
4. Core Java
5. Aptitude & Logical Reasoning
6. Software Project Management

Sixth Semester
1. Software Testing and Quality Assurance
2. Wireless Networking
3. Advanced Programming with PHP
4. Cyber Law and Security
5. Elective-I Any One
a. Data Mining
b. Cloud Computing
6. Elective-II Any One
a. C# Programming
b. AJAX

Bachelor of Science (Automobile Technology) – B.Sc. (A.T.)
(Subjects at Glance Dr. Babasaheb Ambedkar Marathwada University, Aurangabad)

First Semester
1. Communication Skills – I
2. Basic Electronics -I
3. Computer Technique-I
4. Workshop Technology-I
5. Engineering Drawing-I
6. Fundamentals of Mechanical Engineering
7. Study Report on Environment Science -I

Third Semester
1. Production Management
2. Mechanical Measurement
3. Machine Drawing- I
4. Introduction To Automobile Engineering
5. Engine - I
6. Transmission System- I
7. Project report based on paper- I (P.M)

Fifth Semester
1. Entrepreneurship Development Programme -I
2. Automobile TroubleMaint. & Testing - I
3. Automobile Electrical & Electronic System -I
4. Mechatronics -I
5. Body chassis Maintenance
6. Transport Management
7. Project - I / Seminar

Second Semester
1. Communication Skills –II
2. Basic Electronics –II
3. Computer Technique-II
4. Workshop Technology-II
5. Engineering Drawing-II
6. Engineering Material
7. Study Report on Environment science -II

Fourth Semester
1. Industrial Organization and Management
2. Electrical Technology
3. Machine Drawing – II
4. Automobile tools
5. Engine - II
6. Transmission System - II
7. Project report based on paper-I(I.O&M)

Sixth Semester
1. Entrepreneurship Development Programme -II
2. Automobile Trouble Maint. & Testing - II
3. Automobile Electrical & Electronic System -II
4. Mechatronics -II
5. AutoCAD
6. Vehicle Rule
7. Project - II

Bachelor of Science (Workshop Technology)–B.Sc.(W.T.)

(Subjects at Glance Dr. Babasaheb Ambedkar Marathwada University, Aurangabad)

First Semester
1. Communication Skills – I
2. Basic Electronics -I
3. Computer Technique-I
4. Workshop Technology-I
5. Engineering Drawing-I
6. Fundamentals of Mechanical Engineering
7. Study Report on Environment Science -I

Third Semester
1. Production Management
2. Mechanical Measurment
3. Machine Drawing - I
4. Applied Thermodynamics
5. Manufacturing process- I
6. Machine Tool Technology
7. Project report based on paper- I (P.M)

Fifth Semester
1. Entrepreneurship Development Programme -I
2. Robotics -I
3. Tool Engineering
4. Mechatronics -I
5. Computer Integrated Manufacturing
6. Quality Engg. & Industrial Management
7. Project - I / Seminar

Second Semester
1. Communication Skills –II
2. Basic Electronics –II
3. Computer Technique-II
4. Workshop Technology-II
5. Engineering Drawing-II
6. Engineering Material
7. Study Report on Environment science -II

Fourth Semester
1. Industrial Organization & Management
2. Electrical Technology
3. Machine Drawing-II
4. Heat Transfer
5. Manufacturing Process-II
6. Strength of Material
7. Project Report based on paper-I (I.O.M)

Sixth Semester
1. Entrepreneurship Development Programme -II
2. Robotics -II
3. Industrial Hydrulics & Pneumatics
4. Mechatronics -II
5. AutoCAD
6. Industrial Engineering
7. Project - II

Bachelor of Science (Refrigeration & Air Conditioning) – B.Sc. (R & A/C)

(Subjects at Glance Dr. Babasaheb Ambedkar Marathwada University, Aurangabad)

First Semester
1. Communication Skills – I
2. Basic Electronics -I
3. Computer Technique-I
4. Workshop Technology-I
5. Engineering Drawing-I
6. Fundamentals of Mechanical Engineering
7. Study Report on Environment Science -I

Third Semester
1. Production Management
2. Mechanical Measurment
3. Machine Drawing - I
4. Applied Thermodynamics
5. Hydraulics & Mechanics
6. Air Conditioning System
7. Project report based on paper- I (P.M)

Fifth Semester
1. Entrep. Development Prog. -I
2. Refrigerants
3. Refrigeration & Air conditioning Material
4. Refrigeration & Air conditioning Application
5. Refrigeration & Air conditioning piping systems
6. Non conventional Refrigeration systems
7. Project I / Seminar

Second Semester
1. Communication Skills –II
2. Basic Electronics –II
3. Computer Technique-II
4. Workshop Technology-II
5. Engineering Drawing-II
6. Engineering Material
7. Study Report on Environment science -II

Fourth Semester
1. Industrial Organization & Management
2. Electrical Technology
3. Machine Drawing-II
4. Refrigeration System
5. Refrigeration Equipment
6. Air Conditioning Equipment
7. Project Report based on paper-I (I.O.M)

Sixth Semester
1. Entrep. Development Prog. - II
2. Refrigeration & Air conditioning Maintenance
3. Refrigeration & Air conditioning Installation
4. Refrigeration & Air conditioning Standard
5. Selection of Equipment & Assembly
6. Refrigeration & Air conditioning Safety
7. Project -II

Master of Science (Computer Science)–M.Sc.(C.S.)

(Subjects at Glance Dr. Babasaheb Ambedkar Marathwada University, Aurangabad)

First Semester

CSC401	Constitution of India
CSC402	Research Methodology
CSC403	Programming 1
CSC404	Introduction to Algorithms
CSC405	Relational Databases Management Systems
CSC406	Mathematical foundations and Statistical methods
CSC407	Modern Operating System

Practical Code - CSC461 Practical based on CSC403, CSC462 Practical based on CSC404, CSC463 Practical based on CSC405 CSC464 Practical based on CSC406, CSC465 Practical based on CSC407

Second Semester

CSC408	Technical Report Writing
CSC409	Programming 2
CSC410	Data communication
CSC411	Software Engineering
CSC421 - 430	Elective 1
CSC431 - 440	Elective 2

Practical Code - CSC466 Practical based on CSC409, CSC467 Practical based on CSC410, CSC468 Practical based on CSC411 CSC426 - 430 Practical based on CSC421-425, CSC431-435 ractical based on CSC436-440

Third Semester

CSC412	Programming 3
CSC413	Compiler Design
CSC414	Computer Graphics
CSC441 - 450	Elective 3
CSC451 - 460	Elective 4
CSC415	Service Course/Audit Group

Practical Code - CSC470 Practical based on CSC412, CSC471 Practical based on CSC413, SC472 Practical based on CSC414 CSC446 - 450 Practical based on CSC441-445, CSC455-460 Practical based on CSC451-460

Fourth Semester
Industrial Internship / Field Work Projects)

CSC416	Dissertation Review 1
CSC417	Dissertation Review 2
CSC418	Dissertation Review 3
CSC419	Final Dissertation
CSC420	Seminar

Programming Group

Programming Group	Programming 1 - (CSC403)	Programming 2 - (CSC409)	Programming 3 - (CSC412)
Java Group	Core Java	Advance Java	Android
Microsoft Group	Advanced C++	VB.NET	C# NET
Open Group	Python	Advanced Python	Open Web Programming

Elective Group

Elective Group	Elective 1 - (CSC421-430)	Elective 2 - (CSC431-440)
Pattern Analysis & Machine Intelligence	Image Processing	Artificial Intelligence
Data Science	Data Mining	Machine Learning
Remote Sensing and Geospatial Technology	Fundamental of Satellite Remote Sensing	GIS
Sensor Technology	Foundations of Electronics	Digital Signal Processing

Elective 3 - (CSC441-450)	Elective 4 - (CSC451-460)
Pattern Recognition	Neural Networks & Deep Learning
Data Warehousing	Big Data Analytics
Remote sensing digital image Analysis	Hyperspectral Image Analysis
Microcontroller Programming	Internet of Things

Master of Science (Information Technology)–M.Sc.(I.T.)

(Subjects at Glance Dr. Babasaheb Ambedkar Marathwada University, Aurangabad)

First Semester

CSI401	Constitution of India
CSI402	Research Methodology
CSI403	Programming 1
CSI404	Analysis of Algorithms
CSI405	Advance Computer Network
CSI406	Advance Operating System
CSI407	Computational Mathematics
CSI451	Practical based on CSI403
CSI452	Practical based on CSI404
CSI453	Practical based on CSI405
CSI454	Practical based on CSI406
CSI455	Practical based on CSI407

Second Semester

CSI408	Research proposal and Review writing
CSI409	Programming 2
CSI410	Relational Database Management Systems using SQL
CSI411	Network Security
CSI412	Fundamentals of Compiler Design
CSI481	Elective 1
CSI456	Practical based on CSI409
CSI457	Practical based on CSI410
CSI458	Practical based on CSI411
CSI459	Practical based on CSI412
CSI460	Practical based on CSI481-490

Third Semester

CSI413	Web Analysis & Development
CSI414	Artificial Intelligence
CSI415	Cyber forensic
CSI416	Advanced Software Engineering
CSI491	Elective 2
CSI417	Service Course
CSI461	Practical based on CSI413
CSI462	Practical based on CSI414
CSI463	Practical based on CSI415
CSI464	Practical based on CSI416
CSI465	Practical based on CSI491-499

Fourth Semester
Industrial Internship / Field Work Projects)

CSC471	Dissertation Review 1
CSC472	Dissertation Review 2
CSC473	Dissertation Review 3
CSC474	Final Dissertation
CSC475	Seminar

Programming Group

Programming Group	Semester I - Programming 1 - (CSI403)	Semester II - Programming 2 - (CSI409)
Java Group	Core Java	Advance Java
Microsoft Group	Advance C++	VB.NET
Open Group	Python	Advance Python

Elective Group

Elective Group	Elective 1 - (CSI481-490)	Elective 2 - (CSI491-499)
Data Science	Data mining & Data Warehousing	Big Data Analytics
Remote Sensing and Geospatial Technology	Remote sensing & GIS	Geospatial Technology
Pattern Analysis	Digital Image processing	Pattern Recognition
Advance Technologies	Internet of things	Cloud Computing

- Uniform dress code is compulsory for all students on all days except Thursday. No student is allowed in class rooms, laboratories, library etc. without uniform.

- Students will have to put at least 75% attendance in both theory as well as practical classes. Else he/she will not be allowed to take up the examination.

- Students will be required to carry their Identity Cards all the time on and off the campus.

- Student found violating discipline is liable to punish and strict action will be initiated depending the account severity.

- Ragging is crime and if anybody found involved in it will be subjected to punishment as per the law pertaining to it.

- Smoking & Chewing of Tobacco on and off the campus is strictly prohibited.

- Student found involved in malpractice of any type while appearing at any examination held by any government constituted or statutory examination authority in India, action will be initiated as per rule.

- The offer of a course will be made depending on inter se merit and availability of a seat at the time of security of application according to the schedule of admission.

- No documents after the last date of submission will be entertained for the purpose of claims or concession etc. in connection with admission unless the otherwise mentioned in the rules.

- The competent authority or its representative will not make any correspondence with applicant regarding admission and it is entirely responsibility of the applicant to see the notice boards of concerned admission Center/College/Institute.

- Any rule imposed by the University such as imposing limits on the number of attempts permissible to pass any examination shall be binding to the students.

- Students should agree to confirm and abide by any rules, acts and laws enforced by govt. / University and Colleges authorities from time to time.

- Students should undertake that, he/he will do nothing either inside or outside the college which may result in disciplinary action against him/her under these rules, acts and laws referred to.

- The Principal of the college / institute has a right to expel student from the college/institute for any infringement of the rules of conduct and discipline prescribed by the College or University or Government.

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Marathwada Institute of Technology
CIDCO, Aurangabad,
affiliated to Dr. Babasaheb Ambedkar Marathwada University, Maharashtra as
Accredited
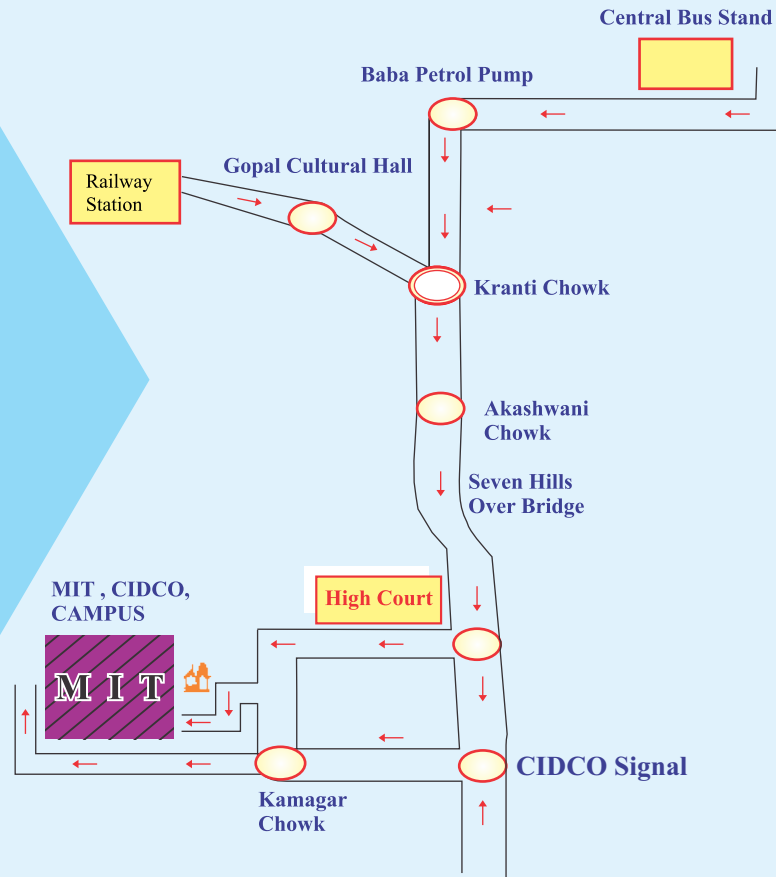with CGPA of 2.39 on four point scale
at B grade
valid up to January 07, 2025

Date : January 08, 2020

Director

EC(SC)/48/A&A/MHCOGN103828

LOCATION OF MIT CIDCO CAMPUS

Central Bus Stand

Baba Petrol Pump

Gopal Cultural Hall

Railway Station

Kranti Chowk

Akashwani Chowk

Seven Hills Over Bridge

MIT , CIDCO, CAMPUS

High Court

M I T

CIDCO Signal

Kamagar Chowk

Webside QR Code

College Location QR Code

MIT, CIDCO Campus is having its own 4551 sq.meter land, located in N-4, Sector- D of CIDCO, in the city and Industrial Development Corporation of Maharashtra Limited. It is on 0.5 km away from CIDCO Bus stand.

website : https://cidco.mit.asia

G.S. Mandal's

Marathwada Institute Of Technology

CIDCO, Aurangabad.

Accredited with Grade 'B' by NAAC

Affix
Passport size
Photograph
(4.5cm x 3.5cm)

(Signature)

1. Full Name of the Candidate :   Surname   First Name   Middle Name   Mothers Name

(IN Block Letters)

Marathi

2. Date of Birth : D D M M Y E A R   Age:................ Sex: M ☐ F ☐

3. Blood Group : .... Religion : .... Caste: .... Category: ....

4. Nationality   : .... If Physically Handicaped :- Yes ☐ No ☐

5. Aadhar No. : ....

6. Mother Tongue : .... Place of Birth: ....

7. Father : ....
   (Full Name)

8. Father's Occupation : .... Mother's Occupation : .... Father's Income : ....

9. Father's Email : .... Mother's Email : ....

10. Parent Mobile No./Whatsapp No. : ....

11. Address for Communication : ....

.... PIN Code : ☐☐☐☐☐☐

12. Student Email : .... Mobile No/Whatsapp No.: ....

13. Permanent Address : ....

.... PIN Code : ☐☐☐☐☐☐

14. Nominee Details :   Name : .... DOB : .... Relation : ....

15. Academic Qualification :

Sr.	Name of Exam	Name of The School / College	Total Mark Obtained	Month & Year of Passing	Seat No.	Certificate No.	Name of Board / University	Division (Percentage of marks/ Grade)
1)	X (SSC)							
2)	XII / ITI / Diploma Engg.							
3)	First Degree							
4)	Additional Qualification (If any)							

Place : ....

Date : ....

Signature of the Candidate

UNDERTAKING BY THE CANDIDATE /STUDENT

I _____

S/o. D/o of Mr. / Mrs. / _____

have carefully read and fully understood the law prohibiting ragging and the directions of the Supreme Court and the Central/State Government this regard.

2. I have read a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009 (here in after called the "Regulations") and have carefully gone through it.

3. I hereby undertake that, I will not indulge in any behavior or act that may come under the definition of ragging. I will not participate in or abet or propagate ragging in any form. I will not hurt anyone physically or psychologically or cause any other harm.

4. I hereby agree that if found guilty of any aspect of ragging, I may be punished as per the provisions of the UGC regulations mentioned above.

5. I hereby affirm that I have not been expelled or debarred from admission by any Institution.

Signature of the Candidate

UNDERTAKING BY THE PARENT / GUARDIAN

I _____

F/o. M/o. G/o. _____

have carefully-read and fully understood the law prohibiting ragging and the directions of the Supreme Court and the Central / State Government in this regard as well as the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009 (here in after called the "Regulations") and have carefully gone through it.

2. I assure you that my son /daughter/ward will not indulge in any act of ragging.

3. I hereby agree that if he/she is found guilty of any aspect of ragging, he / she may be punished as per the provisions of UGC Regulations mentioned above.

Signature of the Parent

UNDERTAKING BY SCHOLARSHIP STUDENTS

I _____

S/O, D/O of Mr/ Mrs _____

I have admitted for 1st /2nd/ 3rd year for academic year 20   -20   at MIT Cidco, Aurangabad. I am Eligible for the Scholarship but due to any mistake by me in online filling / submission of form, I will be responsible for the same. Any change made by Social Welfare / Higher Education Department will be bound on me. If in case of my mistake of filing incorrect Scholarship form / Supporting documents / Non approval of scholarship, then I will Pay the   college fees prescribed by the institute.

Signature of the Candidate

Application for admission to First / Second / Third Year are as accepted as per the Schedule declared by Director of Higher Education / University after the declaration of result of the qualifying examination. Admission is offered only by the norms of Directorate of Higher Education. / University. Admission is offered only after the full payment of Tuition Fees and other fees.

U N D E R T A K I N G

All candidates applied for admission shall be deemed to have submitted following undertaking.

1) I ---have read all the following rules of admission after understanding these **RULES** thoroughly, I have filled in the application form for admission for the current year

2) The information given by me in my application is true the best of my knowledge & belief.

3) I have not been involved in malpractice of any type or not debarred from appearing at any examination held by any government constituted or statutory examination authority in INDIA.

4) I fully understand that the offer of a course will be made to me depending on my inter se merit and availability of a seat at the time of scrutiny of my application, when I will actual report to the admission authority according to the schedule of admission.

5) I understand that no document after the last date of submission will be entertained for the purpose of claims or concessions etc. in connection with my admission unless other wise mentioned in the rules.

6) I am fully aware that the competent authority or it's representative will not make any correspondence with me regarding admission. I am aware that it is entirely my responsibility to see the notice boards of concerned admission center /college/institute.

7) I am aware that any rule imposed by the University such as imposing limits on the number of attempts permissible to pass any examination shall be binding on me.

8) I hereby agree to confirm to abide by any rules acts and laws enforced by Govt. /University and college authorities from time to time.

9) I hereby undertake that, I will do nothing either inside or outside the college, which may result in disciplinary action against me under these rules ,acts and laws referred to.

10) I fully understand that the Principal of the college/institute where, as right to expel me from the college / institute for any infringement of the rules of conduct and discipline prescribed by the college or university of Govt. and the undertaking given above.

11) Condition of minimum attendance : I am fully aware that, I will not be allowed to appear for the examination if I do not attend minimum 75% theory classes & practical, etc. I am aware that I will not be allowed to appear for the examination, If I fail to submit satisfactory all the assignments, jobs Journals, Examination form specified by the university within stipulated time limit.

12. I am fully aware that the fees structure of the Institute is decided by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad and I understand that paying fees decided by this University authority is binding on me.

13. I know that **UNIFORM** of the **Marathwada Institute of Technology, Aurangabad** is compulsory in the campus.

Place

Date   **Signature of the Candidate**

DECLARATION TO BE SIGNED BY THE PARENT/GUARDIAN

I --- declare that,

1) The particulars furnished by my son/daughter/ ward in this application form are correct to the best of my knowledge.

2) I undertake and bind myself to pay on behalf of my son/daughter/ ward such fees charges etc. which the State Govt. University may levy from time to time by the date and in the event of the failure on my part/ or on the part of my son / daughter / ward, the Principal of the College may take such action against my son/ daughter / ward. As he may deem fit

3) I will sign the requisite agreement bond as prescribed by the Govt. [In case of minor only]

Signature of the Parent / Guardian

Place

Date

LIST OF CERTIFICATES TO BE SUBMITTED WITH THE APPLICATION FORM

Sr.No	Description	Original	Xerox	To Be Checked By Admission Committee
1.	Passport size Photographs	3 Copies	------------	
2.	S.S.C Marks Memo	----------	+ 2 Xerox	
3.	H.S.C. Marks Memo & Board Certificate	Original	+ 2 Xerox	
4.	Aadhar Card	--------------	+ 2 Xerox	
5.	Previous Marks Memo **U.G.(F.Y/S.Y/T.Y) PG(F.Y/ S.Y.)** as Applicable	--------------	+ 2 Xerox	
6.	Final Year Degree Marks Memo	Original	+ 2 Xerox	
7.	School Leaving /Transfer Certificate	Original	+ 2 Xerox	
8.	Migration Certificate, as Applicable	Original	+ 2 Xerox	
9.	Caste Certificate/ Non-Creamy Layer Certificate as Applicable	-----------	+ 2 Xerox	
10.	Gap Certificate, If Applicable	Original	+ 2 Xerox	

Signature Admission Committee

REMARKS OF ADMISSION COMMITTEE

Mr./Miss/Smt. --is hereby Recommended for admission to---year of [BCA / B.Sc. (Computer Sci.)/ B.Sc.(I.T.) / B.Sc.(Auto.Tech.) / B.Sc.(W.T) / B.Sc.(RAC) /M.Sc. (Computer Sci.) / M.Sc.(I.T.). During academic year 20 - 20 . All the documents submitted by him/her are verified.

In-Charge
Admission Committee

PRINCIPAL

✂ . . . .

RECEIPT OF ORIGINAL DOCUMENTS

Mr./Miss/Smt. --

1. H.S.C. Marks Memo ☐   **4. U.G. Final Degree Marks Memo** ☐

2. H.S.C. Board Certificate ☐   **5. Gap Certificate** ☐

3. T.C / L.C. ☐   **6. ....** ☐

Stamp   Receivers Sign