MASTER OF TECHNOLOGY (ELECTRONICS DESIGN AND TECHNOLOGY) [M.Tech (EDT)]Part Time Course

This is a six semesters (3 years) course, approved by AICTE, New Delhi.
Part time course is only for working professionals or for professionals with at least two years of work experience. His / Her working place should be within 60 km distance from the institute

Eligibility
a) B.E. / B.Tech Degree or equivalent in Electronics / Electrical / Telecommunication / Computers / Information Technology/ Instrumentation engineering from a recognized University with at least 55% of marks (relaxable to 50% for candidates belonging to SC / ST category). And minimum of two years full time work experience in a registered firm/Company/Industry /Educational and /or Research Institute/any Government Department /Government, Autonomous organizations in the relevant field in which admission is sought.
A letter shell be furnished by employer stating that the candidate is being sponsored to seek admission in the respective course and allowed to attend lectures in the evening as per the institute timetable. The employer should also indicate that the candidate will not be withdrawn midway till the completion of the course.

Intake 24 (11+7+4+2)

Categories :(Open/OBC/SC/ST and PD).

Selection Procedure:

Admission of all candidates of M.Tech (EDT) Part Time COURSE – (24 seats) will be done by NIELIT Aurangabad

Candidates will be short listed based on the minimum eligibility criteria. **List of Shortlisted Candidates will be displayed on the institute website.**
Pl note that the shortlisted candidates will not be informed through post The selection for admission to M. Tech (EDT) program, from the short listed candidates will be based on merit of B.Tech marks and their performance in an interview to be conducted in the month of July /August . Seats are reserved for candidates belonging to reserved categories as per Government of India Rules and approval of AICTE, New Delhi.
Provisional admission will be granted on the basis of order of merit of the candidate as per the category-wise merit list, prepared on the basis of on merit of B.Tech marks and their performance in an interview As per admission norms, the admission process continues till approved intake of thirty (24) candidates are admitted to the M. Tech Course by operating the category-wise main (selected) list and then, the category-wise waiting list, if required or till a time limit decided by the competent authority is over, whichever earlier. The   category-wise main (selected) list and waiting list of the

candidates for admission to M. Tech Course will be displayed on the Notice Board of this institute. The date and time for operation of the waiting list shall also be declared along with the list of selected candidates. The selected candidates are   required to register on the day as notified by payment of fees & submission of required documents, otherwise their claim shall be forfeited.

 All the waitlisted candidates should make themselves available at the time of operation of the waiting list, otherwise their claim shall be forfeited. The waitlisted candidates, available at the time of operation of the waiting list, shall be provisionally admitted as per the merit of the category-wise waiting list. The selected main and waiting list candidates are required to register on the day as notified along with the list displayed by making payment of fees & submission of required documents otherwise their claim shall be forfeited.

Admission process of the M. Tech Course is completed when the approved intake of twenty four (24) candidates are provisionally admitted and registered or a time limit decided by the competent authority is over, whichever is earlier.

Scheme of Instruction for M. Tech (EDT) Part Time Course:
Every student has to register for the core subjects and electives, relevant to his/
her course at the start of the semester in consultation with the concerned faculty /
Academic Section.

Semester I (Autumn)

SL No.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1.	M101	Industrial Design of Electronic Equipment	3	0	2	4
3.	M103	Analog & Digital Systems	3	0	2	4
4.		Elective - 1	3	0	2	4
Total **ELECTIVES**			**9**	**0**	**6**	**12**
M104		Power Electronics				

SL No.	COURSE CODE	COURSE TITLE	L	T	P	C
M105		Instrumentation & Process Control				

Semester II (Spring)

SL No.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
2.	M102	Microcomputer System Design	3	0	2	4
4.		Elective - 2	3	0	2	4
5.		Elective - 3	3	0	2	4
Total			**09**	0	**06**	**12**
ELECTIVES						
M106	Medical Electronics I					
M107	Optoelectronics and Optical Fibre Communication Devices					
M108	Software Engineering I					

Semester III (Autumn)

SL No.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
2.	M202	Advanced Microcomputer System Design	3	0	2	4

SL No.			L	T	P	C
4.		Elective - 4	3	0	2	4
5.		Elective - 5	3	0	2	4
Total			**9**	**0**	**6**	**12**
ELECTIVES						
M206	Digital Communication					
M207	Optoelectronics and Optical Fibre Communication System					
M208	Software Engineering-II					

Semester IV (Spring)

SL No.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1.	M201	Project Feasibility Seminar	2	0	0	2
3.	M203	Physical Design of Electronic Equipment	3	0	2	4
6.		Elective - 6	3	0	2	4
Total			**9**	**0**	**6**	**12**
ELECTIVES						
M204	Agri Instrumentation & Control					
M205	Advanced Power Electronics					

Semester V (Autumn)

SL No.	COURSE CODE	COURSE TITLE	L	T	P	C

		PROJECT WORK				
1.		PROJECT WORK and SEMINAR	0	0	32	16
TOTAL : 16 CREDITS						

Semester VI (Spring)

SL No.	COURSE CODE	COURSE TITLE	L	T	P	C
PROJECT WORK						
1.		PROJECT WORK and SEMINAR	0	0	36	18
TOTAL : 18 CREDITS						

Term Course Load

The electives are selected by the students in consultation with the concerned faculty / Academic Section. During the course period, student has to pass certain number, of subjects and complete satisfactorily the assigned project work .On valid grounds, the authority may advise a student, who is unable to complete the course requirement in the normal period, to continue for an extra term.

Assessment

A student is permitted to appear for the semester examination subject to he or she has a minimum attendance of 70% in theory and practical classes, completes all his/her sessional assignments and clears all his/her dues. Non appearance in any examination is treated as the student having secured zero mark in that subject examination. Every subject has credit points based on the hours of study required. Every student is awarded Grade points out of maximum 8 points in each subject .Based on the Grade Points obtained in each subject. Semester Grade Point Average (SGPA) and then Cumulative Grade Point Average (CGPA) are computed.

Award of Degree:

A student must complete the minimum requirement of credits in maximum period of seven (07) years and must obtain a minimum CGPA of 4.0 in the course to qualify for award of Degree. The PG Degree is awarded by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS).

Tuition and Other Fees:

Course Fee Per Semester For M. Tech (EDT) Full Time Course.

Sr.No	Fee Head	Fee structure	
		Category of Student	
		National	**International**
01	Cost of Prospectus cum Application Form	NIL	NIL
02	Admission/Eligibility	Rs.1500/- (One time)	Rs. 7500/- (One Time)
03	Tuition Fee per semester	Rs. 18750/-**	Rs. 93750/-
04	Development fee per semester	Rs.5000/-**	Rs.25000/-
05	Examination Fee per semester	Rs.1250/-**	Rs.6250/-
06	Interest Free Caution Deposit for Library	Rs.1250/-* (one time)	Rs.6250/-* (one time)
07	Other Facility Fee (connectivity etc.) per semester	Rs.1500/-	Rs.7500/-
08	Laboratory Fee per semester	Rs.2500/-	Rs.12500/-
09	Library Fee per semester	Rs.875/-	Rs.4375/-
10	Cultural, Welfare Fee etc. per semester	Rs.1000/-	Rs.5000/-
11	Sports fee	Rs.1875/-	Rs.9375/-
	Total fee to be paid at start of admission	**Rs 35500/-**	**Rs 177500/-**
12	Project Fee(for III Sem and IV sem.)	Rs.3750/-	Rs.18750/-
13	Backlog Examination Fee per paper	Rs.625/-	Rs.3125/-
	Hostel Related fees		
14	Hostel Fees per semester	Rs.7500/-	Rs.37500/-
15	Interest Free Caution Deposit for Hostel	Rs.2500/-* (one time)	Rs.12500/-* (one time)
16	Interest Free Mess Deposit	Rs.2500/-* (one time)	Rs.12500/-* (one time)

	Total Hostel Fees	**Rs 12500/-**	**Rs.62500/-**
17	Late Fee Fine:-		
	1. Fee Paid upto Due Date.	Nil	Nil
	2. 1st week after Due Date.		
	3. 2nd week after Due Date.	Rs.100/-	Rs.500/-
	4. 3rd & 4th week after Due Date.		
	5 5th week after Due Date.	Rs.200/-	Rs.1000/-
		Rs.500/-	Rs.2500/-
		Rs 1500/-(Admission fee)+Rs 500/-	Rs 7500/-(Admission fee)+Rs 2500/-

* The deposits are one time payment and to be paid at the time of admission and returnable on the completion of the course without interest.
** Not to be taken from SC/ST Candidates.
There shall be a 10% increase in the fee every year(Sr No 3,4,5,8,14)

Relaxation in Qualifying Marks:
The relaxation in qualifying marks is 5% for SC & ST candidates only.

Reservation:
As per Government of India's Policy, there is a reservation for persons, belonging to socially and educationally backward classes and persons with Disabilities (Physically Handicapped Persons) in education. All reservations are not of the same nature. There are two types of reservations, which may, for the sake of convenience, be referred to as "Vertical Reservations" and "Horizontal Reservations". The reservations in favor of Scheduled Caste, Scheduled Tribes and Other Backward Classes (OBCs), made under article 16 (4), may be called vertical reservations whereas reservations in favor of physically handicapped, made under clause (1) of Article 16, can be referred as horizontal reservations. Horizontal reservations cut across the vertical reservations, called as "interlocking reservation".

Percentage of Reservation:
As per Government of India Rules, there is a reservation of 27% of seats for the OBCs, 15% of seats for the SCs and 7.5% of seats for the STs in admission to various courses. Further there is a reservation of at least 3% of seats for Persons with Disabilities (PDs), as per section 39 of the Persons with Disabilities (Equal pportunities, Protection of Rights and Full Participation) Act, 1995. Since the reservation for PDs, the horizontal reservations, is interlocking reservations, the candidate selected against this quota will be placed in the appropriate category, that is, if the candidate belongs to SC/ST category, he/she will be placed in that quota by making necessary adjustment.

Similarly, if the candidate belongs to General/Open category, he/she will be placed in that category/quota by making necessary adjustment.

Refund of fees in the event of cancellation of admission:
There will be no refund :
If admission is cancelled after the 1st Semester is over.
If admission is cancelled in 1st Semester and the vacancy is not filled.
If admission is cancelled in 1st Semester and the vacancy is filled, then Refund of fees will be as under :-
a) No refund of admission fee.
b) Student leaving before start of the course – Entire fee less Rs1000/- (Rupees One Thousand only) as processing fee.
c) Student leaving after start of the course but before closing of admissions- Entire fee less Rs1000/- or (Semester fee/6), whichever is higher.
d) Student leaving after start of the course and closing of admissions-Entire fee less [Rs1000/- + (Semester fee/6)x Registered Period in number of months)]
For students staying in hostel,[(Hostel Rent/6)x Registered Period in number of months]will be deducted from Semester hostel fee paid by the student.
 All the deposits will be refunded after adjusting student dues, if any.
Fraction of month will be treated as full month.