

FIRST YEAR B.TECH. ADMISSION PROCESS

READ ALL THE INSRTRUCTIONS CAREFULLY

COUNTER NO. 1

CHECK YOUR NAME IN ALLOTMENT LIST AT ENQUIRY COUNTER

Venue: Old Auditorium



COUNTER NO. 2

FILL UP SCHOLARSHIP FORM (IF APPLICABLE) AND EBC CONCESSION FORM

Venue: Old Auditorium



COUNTER NO. 3

PAY THE FEES TO THE CASHIER BY DD /ONLINE BANKING

Venue: Old Auditorium



COUNTER NO. 4

PHOTO AND SIGNATURE SCANNING
SHOW THE FEES RECEIPT AND COMPLETE PHOTO, SIGNATURE AND THUMB
IMPRESSION PROCESS

Venue: Old Auditorium



COUNTER NO. 5

CONFIRMATION OF ADMISSION ON DTE WEBSITE, COLLECT THE ROLL NO.

Venue: Old Auditorium



COUNTER NO. 6

PROCEED TO CC LAB TO FILL UP ONLINE,
(a) REGISTRATION FORM (b) ANTI-RAGGING AFFIDAVIT (STUDENT & PARENT)

Venue: CC LAB. UG-37



COUNTER NO. 7

COLLECT THE PRINT OUT OF ADMISSION FORM AND ANTIRAGGING AFFIDAVIT
READ CAREFULLY THE UNDERTAKING FORMS AND SIGN THE FORMS.

Venue: CC LAB , UG-37



COUNTER NO. 8

ORIGINAL DOCUMENT RECEIPT

SUBMIT THE ELIGIBILITY FORM.
GET THE RECEIPT OF ORIGINAL DOCUMENTS

Venue: Old Auditorium



COUNTER NO. 9

COLLECT I-CARD

SUBMIT THE ADMISSION FORM & CHECK SLIP DUELY SIGNED AT ALL COUNTERS
COLLECT A PRINTOUT OF ON-LINE CONFIRMATION OF ADMISSION ON DTE WEB
SITE (FAILING WHICH YOUR ADMISSION WILL NOT BE CONFIRMED)

COLLECT I-CARD

Venue: Old Auditorium

F.E. ADMISSION 2019-2020

Students reporting to JNEC for admission have to submit the following original documents.

1. CAP Allotment letter
2. FC Acknowledgement receipt with Password
3. MH-CET/JEE (Mains) -2019 score card.
4. 12th mark sheet.
5. Transfer certificate (T.C.)
6. 10th mark sheet.
7. Caste certificate
8. Caste Validity
9. Non-Creamy Layer Certificate (Valid Upto 31st March 2020)
Original + three Xerox copies.(For OBC, SBC, VJ, NT-1, NT-2, NT-3 students)
10. Indian nationality certificate/ Domicile
11. For TFWS candidate, Income certificate
12. Students passing XII class from outside Aurangabad board region has to submit Migration certificate (original + three xerox Copies) from the concerned board.
13. A photocopy of Aadhar card.

FOR RESERVE CATEGORY STUDENTS:-

1. Caste certificate – Original + three Xerox copies.
2. Caste Validity Certificate –Original + three Xerox copies.
3. Non-Creamy Layer Certificate (VALID UPTO 31ST MARCH 2020) Original + three Xerox copies. (For OBC, SBC, VJ, NT-1, NT-2, NT-3 students.)

IMPORTANT NOTICE

THE FEES IS TO BE PAID BY A DEMAND DRAFT (DD) DRAWN IN FAVOUR OF “PRINCIPAL, JNEC, AURANGABAD” PAYABLE AT AURANGABAD.

PRINCIPAL

**Mahatma Gandhi Mission's
Jawaharlal Nehru Engineering College, Aurangabad.
Fees for the Academic year 2019-20
B Tech (UG)**

Reporting for First year B Tech (UG) admission in JNEC have to pay the following fees for the academic year 2019-20

Sr. No.	Particulars	Open	OBC/EB C	DNT/SB C	SC/S T	TFWS
		Rs.	Rs.	Rs.	Rs.	Rs.
A College fees						
1	Tuition fees	106951	53476	0	Nil	0
2	Development fees	13049	13049	13049	Nil	13049
3	Caution money deposit (Refundable)	3000	3000	3000	3000	3000
Total Rs.		123000	69525	16049	3000	16049
4	Journals	1262	1262	1262	1262	1262
Total Rs.		1262	1262	1262	1262	1262
Net payable amount		124262	70787	17311	4262	17311

➤ **Fees are to be Paid by DD drawn in favor of Principal J.N.E.C. payable at Aurangabad in National Bank only.**

Students with the Signature of their Parents have to submit an Undertaking stating that if, there is any subsequent revision in the fees by competent authority, Hon. High Court & S.S.S./ FRA candidate will have to pay the difference to the college within stipulated time

Hence all the concerned students are advice to adhere the above instructions and act accordingly.

**Principal
JNEC, Aurangabad.**

**Mahatma Gandhi Mission's
Jawaharlal Nehru Engineering College, Aurangabad.
Fees for the Academic year 2019-20
M Tech, MCA & M- ARCH (PG)**

Reporting for First year M Tech, MCA & M ARCH (PG)admission in JNEC have to pay the following fees for the academic year 2019-20

Sr. No.	Particulars	Open	OBC/EB C ONLY MCA	DNT/SBC ONLY MCA	SC/ST
		Rs.	Rs.	Rs.	Rs.
A College fees					
1	Tuition fees	98039	49020	Nil	Nil
2	Development fees	11961	11961	11961	Nil
3	Caution money deposit (Refundable)	3000	3000	3000	3000
Net payable amount		113000	63981	14961	3000

In addition to above students will have to pay **Journals charges** as under:-

Civil Struc – Computer – Manufacturing – Electronics – MCA -

➤ **Fees are to be Paid by DD drawn in favor of Principal J.N.E.C. payable at Aurangabad in National Bank only.**

Students with the Signature of their Parents have to submit an Undertaking Stating that if, there is any subsequent revision in the fees by competent authority, Hon. High Court & S.S.S./ FRA candidate will have to pay the difference to the college within stipulated time

Hence all the concerned students are advice to adhere the above instructions and act accordingly.

**Principal
JNEC, Aurangabad.**

MGM's
JAWAHARLAL NEHRU ENGINEERING
COLLEGE

CIDCO, N-6, AURANGABAD

LIST OF TEXT BOOKS FOR F.Y.B.TECH.

[MATH101] Engineering Mathematics – I

1. B. S. Grewal, *Higher Engineering Mathematics*, Khanna Publishers.
2. P. N. Wartikar & J. N. Wartikar, *A Text Book of Applied Mathematics (Vol I & II)*, Pune Vidyarthi Griha Prakashan, Pune.
3. Erwin Kreyszig, *Advanced Engineering Mathematics*, John Wiley & Sons.
4. Dr. B. B. Singh, *A course in Engineering Mathematics (Vol I & II)*, Synergy Knowledgeware, Mumbai.
5. B. V. Ramana, *Higher Engineering Mathematics*, McGraw-Hill Publications, New Delhi.
6. N. P. Bali, *A Text Book of Engineering Mathematics*, Laxmi Publications, New Delhi.
7. Peter O' Neil, *A Text Book of Engineering Mathematics*, Thomson Asia Pvt. Ltd., Singapore.
8. C. R. Wylie & L. C. Barrett, *Advanced Engineering Mathematics*, McGraw Hill Publishing Company Ltd.

[HS102/HS202] Communication Skills

1. Meenakshi Raman and Sangeetha Sharma, *Technical Communication*, Oxford University Press, New Delhi, 2008.
2. M. Ashraf Rizvi, *Effective Technical Communication*, McGraw Hill Publication, 2005.
3. Golding S. R., *Common Errors in English Language*, Macmillan, 1978.
4. Christopher Turk, *Effective Speaking, E and FN Spon*, London, 1985.
5. Sanjay Kumar, Pushp Lata, *Communication Skills*, Oxford University Press, 2016.

6. Teri Kwal Gamble, Michael Gamble, *Communication Works*, McGraw Hill Education, 2010.

[PHY103/PHY203] Engineering Physics

1. M. N. Avadhanulu and P.G. Kshirsagar, *A Textbook of Engineering Physics*, S Chand Publication, 9th Edition, 2011.
2. R. K. Gaur and S. L. Gupta, *Engineering Physics*, Dhanpat Rai Publications.
3. Halliday and Resnik, *Fundamental of Physics Extended*, Wiley Publication, 10th Edition, 2013.
4. D. R. Griffiths, *Introduction to Electrodynamics*, Prentice Hall Publication, 4th Edition, 2012.
5. Arthur Beizer, *Concept of Modern Physics*, McGraw Hill Publication, 6th Edition, 2003.
6. Ajoy Ghatak, *Optics*, McGraw Hill Publication, 5th Edition, 2012.
7. C.M. Srivastava and C. Srinivasan, *Science of Engineering Materials*, Wiley Publication.
8. A.J. Dekker, *Solid State Physics*, Pan MacMillan Publication, 1969.

[ME104/ME204] Engineering Graphics

1. N. D. Bhatt, *Engineering Drawing*, Charotar Publishing House, 46th Edition, 2003.
2. K. V. Natarajan, *A text book of Engineering Graphic*, Dhanalakshmi Publishers, Chennai, 2006.
3. K. Venugopal and V. Prabhu Raja, *Engineering Graphics*, New Age International (P) Ltd, 2008.

[CV105/CV205] Basic Civil Engineering

1. Anurag Kandy, *Elements of Civil Engineering*, Charotar Publishing.
2. M. G. Shah, C. M. Kale, and S. Y. Patki, *Building Drawing*, McGraw-Hill Publication.
3. Sushil Kumar, *Building Construction*, Standard Publishers Distributors.
4. M. S. Palani Gamy, *Basic Civil Engineering*, McGraw-Hill Publication.
5. Kanetkar T. P. and Kulkarni S. V., *Surveying and Levelling, Vols. I, II and III*, Vidyarthi Gruh Prakashan, Pune.
6. S. P. Chandola, *Transportation Engineering*, S. Chand Publications.
7. S.C. Rangwala, *Building Materials*, Charotar Publishing House.
8. J. K. McKay, *Building Construction - Volume I to IV*, Orient Longman Publication.

9. Satya Narayana Murty Challa, *Water Resources Engineering*, New Age Intl. Publishers.
10. B. C. Punmia, *Surveying, Vol. - I, Vol.-II, Vol.-III*, Laxmi Publications.
11. G. K. Hiraskar, *Basic Civil Engineering*, Dhanpat Rai Publications.
12. Chudley. R., *Construction Technology, Vol.1, 2, 3, 4*, ELBS Publisher.
13. C. E. Justo, and Khanna, *Highway Engineering*, Nem Chand & Bros; 10th Edition 2015.
14. *NBC 2005, National Building Code of India, Parts III, IV, VII and IX*, B.I.S. New Delhi.
15. *SP 7- National Building Code Group 1 to 5*, B.I.S. New Delhi.
16. *I.S. 962 - 1989 Code for Practice for Architectural and Building Drawings*, B.I.S. New Delhi.
17. Garg S. K., *Irrigation Engineering*, Khanna Publications, New Delhi.
18. C B I & P, *River Behaviour, Management and Training*,
19. Rao and Rao, *Air Pollution*, McGraw-Hill Publications, New Delhi.
20. Garg S. K., *Water Supply Engineering*, Khanna Publishers, New Delhi.
21. G. S. Birdi, *Environmental Engineering*.

[CHE106/CHE206] Energy and Environmental Engineering

1. A Chakrabarti, M. L. Soni, P. V. Gupta, U. S. Bhatnagar, *A Text book of Power System Engineering*, Dhanpat Rai Publication.
2. Rai. G. D., *Non Conventional Energy Sources*, Khanna Publishers, Delhi, 2006.
3. Rao S., Parulekar B.B., *Energy Technology-Non conventional, Renewable And Conventional*, Khanna Publishers, Delhi, 2005.
4. Glynn Henry J., Gary W. Heinke, *Environmental Science and Engineering*, Pearson Education, Inc, 2004.
5. J. M. Fowler, *Energy and the Environment*, McGraw-Hill, 2nd Edition, 1984.
6. Gilbert M. Masters, *Introduction to Environmental Engineering and Science*, 2nd Edition, Prentice Hall, 2003.

[ME102/ME202] Engineering Mechanics

1. S. Timoshenko and D. H. Young, *Engineering Mechanics*, McGraw-Hill, 1995.
2. Tayal A. K., *Engineering Mechanics*, Umesh Publications, 2010.
3. Bhavikatti S. S. and Rajashekarappa K. G., *Engineering Mechanics*, New Age International

- Publications, 2nd Edition.
4. Beer and Johnston, *Vector Mechanics for Engineers, Vol. 1 - Statics and Vol. 2 - Dynamics*, McGraw Hill Publication, 7th Edition, 1995.
 5. Irving H. Shames, *Engineering Mechanics - Statics and Dynamics*, Pearson Education, 4th Edition, 2003.
 6. McLean and Nelson, *Engineering Mechanics*, Schaum's outline series.
 7. Singer F. L., *Engineering Mechanics - Statics & Dynamics*, Harper and Row Publication.

[CHM103/203] Engineering Chemistry

1. Bhal and Bhal, *Advance Organic Chemistry*, S. Chand & Company, 1995.
2. Jain P. C & Jain Monica, *Engineering Chemistry*, Dhanpat Rai & Sons, 1992.
3. Bhal & Tuli, *Text book of Physical Chemistry*, S. Chand & Company.
4. Finar I. L., *Organic Chemistry (Vol. I & II)*, Longman Gr. Ltd & English Language Book Society, London.
5. Barrow G. M., *Physical Chemistry*, McGraw Hill Publication, New Delhi.
6. Shikha Agarwal, *Engineering Chemistry - Fundamentals and applications*, Cambridge Publishers, 2015.
7. O. G. Palanna, *Engineering Chemistry*, McGraw Hill Publication, New Delhi.
8. Wiley Editorial, *Engineering Chemistry*, Wiley India, 2nd Edition, 2013.

[EE104/EE204] Basic Electrical Engineering

1. V. N. Mittal and Arvind Mittal, *Basic Electrical Engineering*, McGraw-Hill Publication.
2. Vincent DelToro, *Electrical engineering Fundamentals*, PHI Publication, 2nd Edition 2011.
3. Bolestaad, *Electronics Devices and Circuits Theory*, Pearson Education.
4. Edward Hughes, *Electrical Technology*, Pearson Education.
5. D. P. Kothari and Nagrath, *Theory and Problems in electrical Engineering*, PHI Publication, 2011.

[EXE105/EXE205] Basic Electronics Engineering

1. B. L. Theraja, *Basic Electronics*, S. Chand Limited, 2007.
2. Millman Halkias, *Integrated Electronics-Analog and Digital Circuits and Systems*, Mc-Graw-Hill Publication, 2000.
3. Donald Neaman, *Electronic Circuit Analysis and Design*, McGraw-Hill Publication, 3rd Edition.
4. David A. Bell, *Electronic Devices and Circuits*, Oxford Press, 5th Edition.
5. R. L. Boylstad, L. Nashlesky, *Electronic Devices and circuits Theory*, Prentice Hall of India, 9th Edition, 2006.
6. Anil K. Maini and Varsha Agarwal, *Electronic Devices and Circuits*, Wiley India Publication.
7. Phillip E. Allen, Douglas R. Holberg, *CMOS Analog Circuit Design*, Oxford Press, 2nd Edition.
8. K. R. Botkar, *Integrated Circuits*, Khanna Publication, 5th Edition

[ICT106/ICT206] Basic Computer Programming

1. Brain W. Kernighan & Dennis Ritchie, *The C Programming Language*, Prentice Hall, 2nd Edition, 1988.
2. R. S. Bichkar, *Programming with C*, Orient Blackswan, 1st Edition, 2012.
3. Herbert Schildit, *C the Complete Reference*, McGraw-Hill Publication, 2000.

[WS100L/WS200L] Workshop Practices

1. K. C. John, *Mechanical Workshop Practice*, Prentice Hall Publication, New Delhi, 2010.
2. Hazra and Chaudhary, *Workshop Technology-I*, Media promoters & Publisher private limited.

MGM's
Jawaharlal Nehru Engineering College,
N-6, CIDCO, Aurangabad

DO'S & DONT'S IN JNEC

DO'S

- Uniform- Blue Jeans
(with no extra pockets)
& plain white full shirt.
- Minimum 75%
attendance in Theory &
100% attendance in
practical.

DONT'S

- Antinational activities.
- Ragging is absolutely banned in
JNEC Campus.

➤ Active participation in curricular, co-curricular & extracurricular activities.



Keep the JNEC campus neat & clean

➤ Chewing or carrying of gutkha, chewing gum, tobacco & smoking is totally banned in campus & will be considered as a breach of conduct.



Carrying & using of mobile phones & radios in the college premises is strictly prohibited. If such things are found, the same will be seized & will be returned to the parents if personally approached to the Principal after penalizing.

