



JNT UNIVERSITY ANANTAPUR
ANANTAPUR – 515 002

Advt.No.C1/Esst./R. Peshi/2009

dt.21.04.2009

ADMISSION TO FULL TIME M.Sc., PG PROGRAMMES 2009-10

Applications are invited from eligible candidates for admission into **M.Sc.**, programmes with specializations (1) **Mathematics with Computer Science** (2) **Industrial Mathematics** for the academic year 2009-2010 in JNTU College of Engineering, Anantapur.

Admissions will be made on the basis of performance in the entrance test to be conducted by the J.N.T. University, Anantapur.

Application form, fee particulars and other information may be down loaded from the website www.jntuanantapur.org. The application along with all necessary certificates with a Demand Draft for Rs.500/- (In case of SC/ST candidates Rs.125/- on submission of caste & income certificates) drawn not earlier than 22-04-09 in favour of Registrar, JNTU, Anantapur should reach the Registrar, JNTUA, Anantapur 515 002 on or before **11.05.2009 by 4.00 p.m.**

Date of entrance examinations : 04.06.2009 at 11.00 A.M

Sd/- REGISTRAR

IMPORTANT DATES :

1. Last date for receipt of application : 11.05.2009 by 4.00 pm
2. Date of entrance examination : 04.06.2009, 11.00 AM to 12.00 Noon
3. Eligible students list for appearing entrance examination will be notified through website: www.jntuanantapur.org on 21.05.2009.
4. Hall Ticket can be collected on 03-06-2009 from 10.00 AM to 5.00 PM and 9.00 AM to 10.30 AM on 04.06.2009.

For any further information you are advised to look in to website www.jntuanantapur.org

REGISTRAR i/c
JNTUA, Anantapur

Academic Year: 2009-2010
Last Date for receipt of Application
11.05.2009

Registration Rs.500/-

Regd. No.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
ANANTAPUR 515 002, ANDHRA PRADESH**

**FULL TIME M.Sc., PROGRAMMES 2009-2010
APPLICATION FORM FOR ADMISSION TO FULL TIME M.Sc., PROGRAMMES**

APPLICATION FORM FOR ADMISSION

TO _____ DISCIPLINE

No. of the discipline of the course:

Registration: Fee Rs.500/- (In case of SC/ST candidates Rs.125/-) D.D. in favour of "THE REGISTRAR,
JNTU, ANANTAPUR" Payable at Anantapur.

D.D.No.	Date	Name of the Bank

1. Name (in block letters) : _____

2. Father's Name : _____

3. Permanent Address: _____

4. Address for Correspondence: _____

Email ID _____ Mobile/Phone No. _____

5. State local area to which you belong AU/OU/SVU/NL

6. Registration: If you are claiming reservation under any category, write Yes in the relevant block.

SC	ST	BC-A	BC-B	BC-C	BC-D	BC-E	Disabled

7. Date of Birth

Date	Month	Year

8. (a) Nationality & Religion :

(b) Do you belong to Andhra Pradesh: Yes / No

- (c) If no, mention the State to which you belong:
(d) Place of Birth:

	Village	Mandal	District	State
i) Candidate				
ii) Father / Mother				

9. Particulars of Parent/guardian
(Guardian only if parent is not alive)
- Name :
 - Relationship with the candidate :
 - Profession and designation:
 - Annual income from all source :
(enclose attested copy of the Latest Income Certificate from the Employer/M.R.O.)

10. Particulars of qualifying Examination:

Name of the Qualifying Examination	Name of the University of Board	Month & Year of Passing	Total Marks Obtained of the qualifying examination

DECLARATION BY THE APPLICANT AND PARENT / GUARDIAN

I declare that all the foregoing statements made in this application are true. I accept that any statement made in this application, if found incorrect on scrutiny, will render the application liable for rejection and admission, if granted on the basis of such incorrect information, will stand cancelled.

“I declare that I have not joined and will not join any course of study of any University/Institute during the period of my study in this University and will abide by the rules and regulations of this University”.

Signature of the Parent:

Signature of the Candidate:

Date:

Date:

Place:

Place:

Note:

- Incomplete applications will be summarily rejected.
No correspondence in this regard will be entertained.
- Fee paid will not be refunded under any circumstances.
- University will not be responsible for any postal delay/loss in transit.

ADDRESS SLIP
Name :

ADDRESS SLIP
Name :

ADDRESS SLIP
Name :

ADDRESS SLIP
Name :

ADDRESS SLIP
Name :

ORIGINAL

HALL TICKET
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR, AP
ENTRANCE TEST FOR ADMISSION TO

M.Sc., Full Time Programme 2009

Faculty in which admission is sought:

Hall Ticket No. **Centre of Examination: JNTU COLLEGE OF ENGINEERING, ANANTAPUR**

DATE OF EXAMINATION:

TIME:

(To be filled in by the Candidate)

Name of the Candidate _____

Father's /Husband's Name _____

Identification Marks : (1) _____

(2) _____

Affix recent
passport
size
Photograph duly
attested
by
Gazetted Officer
with
office seal

Signature of Candidate

REGISTRAR
JNT UNIVERSITY, ANANTAPUR.

DUPLICATE

HALL TICKET
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR, AP
ENTRANCE TEST FOR ADMISSION TO

M.Sc., Full Time Programme 2009

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(2) _____

Affix recent
passport
size
Photograph duly
attested
by
Gazetted Officer
with
office seal

Signature of Candidate

REGISTRAR
JNT UNIVERSITY, ANANTAPUR

INSTRUCTIONS TO THE CANDIDATE FOR THE ENTRANCE EXAMINATION:

1. Candidates will not be admitted after the commencement of examination and not allowed to leave the hall until the end of the examination in case if there is a entrance exam.
2. The Hall Ticket shall be produced at the time of examination, failing which the candidate will not be allowed to appear for the examination.
3. Answers must be in black/blue ink.
4. THE HALL TICKET SHALL BE PRESERVED TILL THE TIME OF ADMISSION and produced at the time of admission.
5. No traveling expenses will be paid for journey undertaken for appearing for the Entrance Examination/Counseling.
6. Adoption of any kind of unfair means at the time of examination or taking part in any act of impersonation will render the applicant liable for cancellation of his/her script and forfeiture of his/her claim for appearing for the examination. Decision of the Chief Superintendent of the Examination Centre shall be final in all these matters.
7. Issue of Hall Ticket and appearance at the Entrance Examination does not automatically entitle a candidate for admission.
8. Mathematical Tables, Calculators, Pagers, Mobile Phones and any other electronic gadgets will not be allowed into the Examination Hall.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR A.P.
ANANTAPUR 515 002**

ADMISSION TO FULL TIME M.Sc., PROGRAMMES 2009-2010

- a) **ADMISSION :** Applications are invited for admission to M.Sc., Course for the academic year 2009-2010 offered at JNTU College of Engineering (Autonomous), Anantapur of JNT University, Anantapur. The number of seats available in each course is 25. Candidates with requisite basic qualifications only eligible to apply. Applications received in response to these notifications in the prescribed format will only be considered. No other request for admission will be entertained.
- b) Separate application must be submitted for each discipline.
- c) **FEE STRUCTURE :**
- i) Tuition fee for M.Sc., programme Rs.15,000/- per semester in the form of Demand Draft infavour of Registrar, JNT University, Anantapur.
 - ii) Caution deposit etc. to the extent of Rs.5150/- which includes development fee.
- d) **APPLICATIONS SHOULD BE ACCOMPANIED BY THE FOLLOWING:**
- i) Bank Demand Draft for Rs.500/- (Separate application for each course applied and SC/ST Rs.125/-)
 - ii) Attested copy of degree, date of birth.
 - iii) Integrated permanent Community Certificate in case of SC/ST/BC in the prescribed proforma; one from the Revenue Officer and another from the Head of the Institution last studied or from service records.
 - iv) Three self addressed envelopes of 25x10 cms. Size duly, stamped (affixing Rs.5.00 stamps)
 - v) Attested copy of
 - 1) Qualifying examination marks memorandum.
 - 2) Qualifying examination Degree/Provisional Certificate.
 - .vi) Mention specialization on the top of the envelop.
- e) The admissions are subjected to the availability of minimum number of eligible candidates. The University reserves right to offer or cancel the particular discipline depending upon the number of applicants.
- f) Registration fee will not be refunded under any circumstances.
- g) The University reserves the right to make alterations in the intake and rules for admission.
- h) If it is detected that a candidate has been admitted due to any mistake made inadvertently in the processing of applications and during the admission stage, the University reserve the right to cancel the seat at any state.
- i) Admission will be closed within two weeks of the commencement of the first semester class work irrespective of the vacancies.
- j) If any dispute concerning admissions in the courses of JNTUA arises, the jurisdiction shall remain with the Courts in Anantapur only.



Grams: "Research"

Fax Phone: 08554-220376
Off.324919(DIR)
324929



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
JNTU COLLEGE OF ENGINEERING (AUTONOMOUS)
ANANTAPUR - 515 002.



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Eligibility for POST GRADUATE courses in M.Sc.

| S.No. | Name of the course                        | Eligibility                                                                |
|-------|-------------------------------------------|----------------------------------------------------------------------------|
| 1     | M.Sc. – Mathematics with Computer Science | B.Sc./B.A./or equivalent with Mathematics as one of the optional subjects. |
| 2     | M.Sc. – Industrial Mathematics            | B.Sc./B.A./or equivalent with Mathematics as one of the optional subjects. |

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
JNTU COLLEGE OF ENGINEERING (AUTONOMOUS), ANANTAPUR  
ANANTAPUR 515 002**

**SYLLABUS FOR CONDUCTING ENTRANCE EXAMINATION FOR**

M.Sc. - Mathematics with Computer Science } Common syllabus for conducting  
M.Sc. - Industrial Mathematics } entrance Examinations

**1. DIFFERENTIAL EQUATIONS:**

- Differential equations of first order and first degree
- Differential equations of the first order but not of the first degree
- Higher order linear differential equations
- System of linear differential equations

**2. SOLID GEOMETRY:**

- The Plane
- The Line
- The Sphere
- Cones, Cylinders, Conicoids

**3. REAL ANALYSIS:**

- The Real Numbers
- Sequences and Series
- Limits
- Continuous Functions
- Differentiation
- Riemann Integral

**4. RINGS AND LINEAR ALGEBRA:**

- Rings
- Integral Domains
- Some Non-Commutative examples
- Homomorphisms of Rings
- Rings of Polynomials
- Factorization of Polynomials over a Field
- Vector Spaces
- Linear Transformation and Matrices

**5. ALGEBRAIC EQUATIONS:**

- System of Linear Equations
- Determinants
- Diagonalization

- Inner Product Spaces

#### 6. LINEAR PROGRAMMING:

- Introduction to Linear programming
- The Simplex Method

#### 7. NUMERICAL METHODS:

- Theory of Equations
- Solution to Numerical, Algebraic and Transcendental Equations
- Simultaneous Linear Algebraic Equations
- Finite differences
- Interpolation