



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
EXAMINATION BRANCH, KAKINADA -533003.**

**NOTIFICATION FOR  
Ph.D Credit Course Examinations - May, 2016**

**24<sup>th</sup> May 2016**

All the Ph.D Scholars of JNTUK, who have registered for Ph.D Credit Courses are hereby informed that Credit Course Examinations will be conducted on **26.06.2016 (Sunday)** at JNTUK, Kakinada. The candidates may submit their applications along with a copy of the syllabus of the subjects (**Signed by candidate and faculty concerned**) and Examination fee of Rs. 1000/- as per the time schedule given below.

<b>Without late fee</b>	<b>up to 01.06.2016</b>
<b>With late fee of Rs.100/-</b>	<b>up to 04.06.2016</b>
<b>With late fee of Rs.1000/-</b>	<b>up to 08.06.2016</b>
<b>With late fee of Rs.5000/-</b>	<b>up to 25.06.2016</b>

The examination fee in the form of a crossed demand draft (Examination fee plus late fee if any, as stated above) drawn on any scheduled Bank, payable at Kakinada, in favour of “**The Registrar, JNTUK, Kakinada**” should be attached to the application and submit (**in person or by registered post**) the same to the **Director of Evaluation, JNTUK, Kakinada-533003.**

**Applications received after the due date will not be entertained**

**Sd/-  
DIRECTOR OF EVALUATION**

**NOTE:**

**Application forms can be downloaded from the JNTUK website: [www.jntuk.edu.in](http://www.jntuk.edu.in)**

Copy to the Secretary to the Hon'ble Vice -Chancellor  
Copy to the Rector, JNTUK  
Copy to the Registrar, JNTUK  
Copy to the Director, R&D, JNTUK  
Copy to the Controller of Examinations, JNTUK  
Copy to the Asst. Registrar, JNTUK



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
EXAMINATION BRANCH, KAKINADA -533003.**

**Directorate of Evaluation & Examinations  
PhD Credit Course Examinations May – 2016**

**CIRCULAR**

Sub: JNT University Kakinada -Examination Branch – 2012-13, 2013-14, 2014-15 and  
2015-16 admitted Research Scholars PhD Students-End examination for Credit Course–  
Intimation for Registration – Reg.

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I am by the direction of the Hon'ble Vice-Chancellor wish to intimate that the End Examination for Credit Courses offered to Ph.D students admitted in different disciplines will be conducted in the subjects listed below. The Students are required to register for the examination in prescribed format placed on University website.

S. No	Department	S. No	Faculty / Subject	Subject Code
1	Civil Engineering	1	Advanced Concrete Technology	1411
2		2	Finite Element Method	1412
3		3	Traffic Engineering	1413
4		4	Fracture Machanics of Concrete Structures	1414
5		5	Principles and Applications of Remote Sensing & GIS	1416
6		6	Repair & Rehabilitation of Concrete Structures	1417
7		7	Structural Dynamics & Earthquake Resistant Design	1418
8		8	Theory of Elasticity and Plasticity	1419
9		9	Ground Improvement Techniques	14110
10		10	Pavement Analysis & Design	14111
11		11	Foundation Engineering	14112
12		12	Design of offshore Structures	14113
13		13	Design of Masonry Structures	14114
14		14	Experimental Stress Analysis	14115
15		15	Expansive Soil	14116
16		16	Non Destructive Testing of Concrete Structures	14117
17		17	Stability of Structures	14118
18		18	Computational & Statistical Methods	14119
19		19	Neuro-Fuzzy Techniques and Computer Programing	14120
20		20	Solid & Hazardous Waste Management	14121
21		21	Physico-Chemical Process for Water and Waste Water Treatment	14122
22	Spatial Information Technology	1	Geographical Information Systems	1415
23	Electrical & Electronics Engineering	1	Electric Energy Utilization & Conversation	1421
24		2	Voltage Stability	1422
25		3	Custom Power Devices	1423
26		4	Advanced Control Engineering	1424
27		5	Advanced Power Semi Conductor Devices & Protection	1425

28	Mechanical Engineering	1	Nano Technology	1431
29		2	Advanced Finite Element Analysis	1432
30		3	Hydrogen & Fuel Cells	1433
31		4	Computer Integrated Manufacturing	1434
32		5	Advanced Optimization Techniques	1435
33		6	Advanced Mechanics of Solids	1436
34		7	Research Tools in Science and Technology (**)	1437
35	Electronics and Communications Engineering	1	Communications and Signal Processing	1441
36		2	Electronic Design and Automation Tools	1442
37	Computer Science & Computer Science and Engineering	1	Database Management Systems	1451
38		2	Computer Networks	1452
39		3	Data Structures and Algorithm Analysis	1453
40		4	Object Oriented Programming (***)	1454
41	Pharmacy	1	Advanced Techniques in Spectroscopy, Pharmacokinetics, Screening methods & Research Methodologies in Pharmacy	1461
42	Bio-Technology	1	Plant and Animal Biotechnology	1462
43	Management Studies	1	Organizational Performance Analysis and Strategies	1471
44	Commerce	1	Strategic Issues in Commerce	1472
45	Economics	1	Indian Economic Policy	1473
46	Library Science	1	Advances in Library and Information Sciences	1481
47	English	1	Literature and Language	1482
48	Mathematics	1	Computational Numerical and Statistical Methods by Using MATLAB (*)	1491
49	Physics	1	Material Science for Physicists	1492
50	Chemistry	1	Selected Topics in Present Day Chemistry	1493
51	Chemical Engineering	1	Advanced Chemical Reaction Engineering	14C1
52		2	Advanced Transport Phenomena	14C2
53	Metallurgy	1	Material Science	14M1
54		2	Non – Destructive Evaluation of Materials	14M2
55		3	Materials Characterization	14M3
56		4	Mechanical Behaviour and Testing of Materials	14M4
57		5	Engineering Materials	14M5

**NOTE:**

1. (\*) This course may be opted by research scholars registered in Mathematics and any other disciplines too.
2. (\*\*) Common course, which may be opted by research scholars registered in other disciplines too. The topics include, Artificial Neural Networks, Fuzzy set theoretic techniques, Genetic Algorithm (Optimization techniques), Wavelets, and Finite Element Methods etc.
3. (\*\*\*) This course may be opted by research scholars registered in other discipline too.  
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**Sd/-  
DIRECTOR OF EVALUATION**

Copy to the Secretary to the Hon'ble Vice -Chancellor  
Copy to the Rector, JNTUK  
Copy to the Registrar, JNTUK  
Copy to the Controller of Examinations, JNTUK  
Copy to the Asst. Registrar, JNTUK

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA, A.P.  
EXAMINATION BRANCH, KAKINADA-533003**

**Application for Registration for Ph.D Credit Courses Exam, May -2016**

(Before filling the form, read the instructions carefully, strike out the words not applicable)

**Discipline / Department**

**Admission No.**

**Name of the candidate:**

**(In Block letters)**

**Sex: Male/ Female**

**Date of Admission:**

**Father's Name:**

**Address for communication**

**Phone:**

**Mobile:**

**Email:**

**Name of the Supervisor and address:**

**Name of the Co-Supervisor and address:**

**Department / Specialization:**

**Examination centre: University College of Engineering, JNTUK, KAKINADA**

**Details of the subject in which examination is to be conducted**

S.No	Subject	Subject code	No. of times Previously attempted

**Details of Fee paid:**

**Name of the Bank:**

**D.D No:**

**Amount:**

**Date:**

**Place:**

**Date:**

**Signature of the Candidate**

**DUPLICATE**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA, A.P**

**EXAMINATION BRANCH, KAKINADA – 533003.**

**Admission No**

**Center:**

University College of Engineering, JNTUK, Kakinada

**1. Name of the Candidate:**

**2. Father's Name:**

**3. Name of the Examination:**

**4. Subjects:**

Please affix your  
Latest photograph  
duly attested by the  
Principal/Guide

S. No.	Date	Subject Code	Subject

**Signature of the Candidate**

**Director of Evaluation**

**ORIGINAL**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA, A.P**

**EXAMINATION BRANCH, KAKINADA – 533003.**

**Admission No**

**Center:**

University College of Engineering, JNTUK, Kakinada

**1. Name of the Candidate:**

**2. Father's Name:**

**3. Name of the Examination:**

**4. Subjects:**

Please affix your  
Latest photograph  
duly  
attested by the  
Principal  
/Guide

S. No.	Date	Subject Code	Subject

**Signature of the Candidate**

**Director of Evaluation**

**Note:-Read the following instructions carefully.**

### **INSTRUCTIONS TO CANDIDATES**

1. The University reserves the right to cancel the admission of any candidate at any stage when it is detected that his or her admission to the examination or the college is against rules.
2. Candidate should take their seat **at least 15 minutes** before the distribution of question papers. Candidates coming **half an hour** after the commencement of the examination, will not be allowed.
3. Candidates are prohibited from bringing to the Examination hall any book, note book or loose sheets of paper, If they do so, they are liable for expulsion. Candidates are not allowed to use any book or books, not allowed to keep them a book or part thereof or papers of any kind. Candidates are also prohibited from bringing their own **Mathematical Tables** into the Examination Hall. These will be supplied to the candidates by the Chief Superintendent upon request when answering papers in Mathematics and Science subjects. **Mathematical instruments** will however, be allowed to be brought in. They are also prohibited from talking to each other, copying from other or allowing others to copy from them or copying or giving any other kind of assistance or talking to or communicating with a person outside the Examination Hall. If a candidate is found violating these rules and /or committing any other malpractice and or behaving in any indiscipline manner or causing nuisance or disturbance to other candidates, he will at once be expelled from the Examination hall. He will not be allowed to sit the remaining papers and he will be liable for rustication. Candidates are permitted to bring **Non - Programmable Electronic Calculator** into the Examination Hall.
4. **Candidates are requested to bring along with them their Hall Ticket** .They should also bring with them the identity card issued by the Directorate of R&D.

