



**JAWAHARLAL NEHRU TECHNOLOGICAL  
UNIVERSITY KAKINADA  
KAKINADA-533 003, AP, INDIA**

**NOTIFICATION**

**Admission to Full Time UGC-BSR Ph.D Programme-2013**

**Advt.No.JNTUK/Full Time/UGC-BSR Ph.D Programme Admns/2013, dated:17-07-2013**

Applications are invited for admission to the Full time UGC-BSR Ph.D Research Programme in Mechanical Engineering at University College of Engineering Kakinada (Autonomous), JNT University Kakinada. Application form and other details can be downloaded from JNTU Kakinada website <http://www.jntuk.edu.in>. Filled in Application form with required certificates and a Crossed Demand Draft for Rs.500/- (in case of SC/ST candidates Rs.300/-) in favour of "The Registrar, JNT University Kakinada" payable at Kakinada dated not earlier than 17-07-2013 drawn on any Nationalized Bank should reach "The Director, Admissions, JNTU Kakinada, Kakinada – 533 003" on or before 31-07-2013. Date of Ph.D Admission test will be notified afterwards.

**Sd/- Registrar**

Jawaharlal Nehru Technological University Kakinada  
Kakinada – 533 003, Andhra Pradesh

Application form for Admission to Full time UGC-BSR/Mechanical  
Ph.D Research programme – 2013

Affix latest  
passport size  
photo attested  
by Gazetted  
Officer

1. Name (in Block letters) :

2. Father's / Husband's Name :

3. Address with E-mail and Mobile No. :

Permanent :

Present :

4. Date of Birth :

(Enclose X<sup>th</sup> class certificate copy as a proof)

Date	Month	Year

5. Category :

Please (√) in the appropriate box

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

6. Details of Academic Qualifications (starting from X<sup>th</sup> or SSC) :

(Enclose all attested copies of the certificates)

Qualification/ Examination	Specialization	College/School where studied	University / Board	Year of Passing with division	Aggregate Percentage

7. If GATE qualified ( Enclose the GATE score card)
8. Number of conference papers & Journal Publications:
9. Details of Demand Draft for Full time programmes is Rs.500/- (in case of SC/ST candidates Rs. 300/-) in favour of “The Registrar, JNT University, Kakinada” payable at Kakinada.

<b>Demand Draft No.</b>	<b>Date</b>	<b>Bank</b>	<b>Amount Rs.</b>

10. **Area of Research** :

#### **Declaration**

I shall abide by the Academic Regulations of the JNT University Kakinada. The particulars furnished above are correct and complete.

**Date:**

**Place:**

**Signature of the Candidate**

## **UGC Guidelines for BSR Fellowships in Mechanical Engineering**

### **1. Eligibility**

The candidates who are selected for registering to the Ph.D. programme of the university through a procedure outlined already in the UGC notification by a regular admission procedure in the Universities with Potential for Excellence/Centres with Potential for Excellence/ Centres of Advance studies and Department of special Assistance identified by UGC. The registration for Ph.D. may follow after the admissions.

### **2. Nature of Assistance Available Under the Scheme**

The tenure of fellowship is initially for two years under the BSR scheme. Upon expiry of this period, the work of the fellow will be evaluated by Experts Committee to be set up by the university and if work found satisfactory the tenure will be extended for a further period of three years.

#### **Amount of Fellowships**

##### **For Non-Gate candidates**

1<sup>st</sup> & 2<sup>nd</sup> year Grant : Fellowship Rs.14,000/- p.m  
Contingency @ Rs. 12,000 /- p.a.  
H.R.A. as per university rules.

3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> year Grant : Fellowship Rs.16,000/- p.m  
Contingency @ Rs. 25,000 /- p.a.  
H.R.A. as per university rules.

##### **For Gate candidates**

1<sup>st</sup> & 2<sup>nd</sup> year Grant : Fellowship Rs.16,000/- p.m  
Contingency @ Rs. 12,000 /- p.a.  
H.R.A. as per university rules.

3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> year Grant : Fellowship Rs.18,000/- p.m  
Contingency @ Rs. 25,000 /- p.a.  
H.R.A. as per university rules.

3. **Leave :** Eligible for maximum period of 30 days in a year in addition to public holidays. Women candidates are eligible for maternity leave of 135 days at full rate of fellowship only once during their tenure of award.

#### **4. Procedure for Applying and Selection under the Scheme**

Only those candidates who are selected for registering to the Ph.D. programme of the university through a procedure outlined already in the UGC notification by a regular admission procedure in the Universities with Potential for Excellence/Centres with Potential for Excellence/Centres of Advance studies and Department of special Assistance identified by UGC are eligible to apply for the fellowship under the scheme. The registration for Ph.D. may follow after the admissions.

The University shall select the research Fellows under the scheme from amongst the eligible candidates through a process of interview by Selection Committee.

#### **5. Procedure for Release of Grant**

On receipt of the names, bio-data and joining report of the selected candidates from the University, the UGC office will accept the candidature of the fellow and will release the first instalment of admissible grants to the university on a yearly basis from the date of joining in a lump sum manner.

#### **6. Procedure for monitoring the Progress of the Scheme**

The performance of the Research Fellow is monitored by the respective supervisor/guide and reflected in the yearly progress report submitted to the University for Submission to the UGC office.

On completion of first two years of the award, the Fellow may apply to the university for continuation. On Recommendations/Comments of the Committee, the Fellow will be allowed to continue.

#### **7. Other Conditions**

The research Fellow with the consent of the guide/head of department may assist the University in the academic work including tutorials, evaluation of the test papers, laboratory demonstrations, library activities like group seminars and symposia provided such work is not likely to hinder the research programmes on hand. The total amount of time spent on such activities should not exceed ten hours per week.

## **8. Cancellation of Award**

The fellowship is liable to cancellation, in case of

1. Misconduct
2. Unsatisfactory progress of research work/failure in any examination related to Ph.D.
3. He/She is found ineligible later

## ***2. Research Areas offered in the department:***

Design, FEM, CAD/CAM, IC Engines, Heat transfer, R& AC, Welding, Forming, optimization, manufacturing, composites, Functionally graded materials, materials characterization, vibrations, smart and nano composites, and solar energy and optimization studies in power plants.