



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR  
ANANTHAPURAMU – 515 002 (A.P) INDIA**

**RESEARCH AND DEVELOPMENT**

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**Date: 01.07.2015**

## **C I R C U L A R**

Sub:- JNTUA, Ananthapuramu – R & D – Submission of Ph.D. Thesis - certain modifications - Reg..

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All the Ph.D. scholars are hereby informed that 5 soft bound copies of the Ph.D. Thesis and 7 copies synopsis should be submitted in the following format for evaluation of Ph.D. Thesis

1. Double side printing
2. 1.5 spacing, 12 font size, Times New Roman
3. 1.25 Margin on four sides

References can be mentioned as and when they referred in the Thesis and details should be provided in the reference chapter as per the format **(Enclosure-1)**.

The structure of the Thesis is Introduction, literature review, chapter 3, 4, 5, 6 (optional) chapter 7 is summary & conclusions and recommendations followed by references. Chapter 3, 4, 5, and chapter 6 (if exists) shall contain core work of the thesis as per the abstract. Theoretical Analysis, Experimental work, Results & Discussions related to research work are expected to be covered in these chapters.

Further, Certificate issued by the supervisor & Co-Supervisor should be as per the format **(Enclosure-2)**. Except above, the remaining guide lines for writing thesis will continue. Hard bound thesis copy should be submitted during the viva-voce examination for library purpose.

These orders come with immediate effect i.e. from 30.06.2015 onwards.

**Sd-  
DIRECTOR**

**Encl:** As above

## Enclosure-1

Reference style:

**Text:** Indicate references by number(s) in square brackets in line with the text. The actual authors can be referred to, but the reference number(s) must always be given.

**Example:** '..... as demonstrated [3,6]. Barnaby and Jones [8] obtained a different result ....'

**List:** Number the references (numbers in square brackets) in the list in the order in which they appear in the text.

**Examples:**

Reference to a journal publication: [1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, *J. Sci. Commun.* 163 (2010) 51–59.

Reference to a book: [2] W. Strunk Jr., E.B. White, *The Elements of Style*, fourth ed., Longman, New York, 2000.

Reference to a chapter in an edited book: [3] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 2009, pp. 281–304.

**Note:** titles of all referenced articles should be included. Avoid the use of non-retrievable reports. We strongly recommend references to archival literature (and not personal communications or Web sites) only.

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## **Enclosure-2**

### **Certificate**

This is to certify that, the thesis entitled “ -----” being submitted to JAWAHAR LAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR, ANANTHAPURAMU by ----- (name) bearing Roll. No.----- for the award of degree of Doctor of Philosophy (Ph.D.) in ----- Department / Faculty under my/our guidance and supervision. This thesis work is original and has not been submitted to any other University or Institution either in part or in full for the award of any Degree.

Name of the Co-supervisor

Designation & Address

Name of the Supervisor

Designation & Address