Guidelines for preparation of Advanced Diploma in Artificial Intelligence and Machine Learning Project Report

I: Project Report : During the Final Semester, all candidates shall undergo practical training in any organisation and submit a report thereon along with a practical training certificate obtained from the organisation.

Students of **Advanced Diploma in Artificial Intelligence and Machine Learning** must undergo practical training in reputed organisation. In case of in-service candidates, the project report should relate to the candidates' organisation. The Project Report shall be guided and certified by a recognised guide. The completed project report should be sent to **The Project Head, ANU-CDE-ICT- Division, International Students Cell, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur, A.P.-522510**, at least 15 days before the scheduled time as communicated by the Office. It is compulsory to submit hard copy of the project Report to **The Project Head, ANU-CDE-ICT- Division, International Students Cell, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur, A.P.-522510.**

Project Work

The purpose of the project work is primarily to demonstrate the application of knowledge and skills acquired during the Programme, by studying and analysing the selected programme in the work situation in a systematic manner while suggesting solutions to the management.

The topics for project may be taken from any one of the following sources:

• Comprehensive case study: The main motivation is to expand the knowledge related to the science and technology latest trends.

• Applied Projects: Applied research is designed to solve practical problem of the modern world.

• Quantitative Projects: Quantitative research aims to measure the quantity or amount and compares it with past records and tries to project for future period.

• Qualitative Projects: Qualitative research is collecting, analyzing and interpreting
  data by observing subjectively.

II. Eligible project guide may be taken from any one of the following:

i) Faculty of CSE of Any UGC Recognized University campus.

ii) Ph.D holders working in PG departments of CSE of affiliated colleges.

iii) Senior executives holding master's degree in CSE or allied disciplines with a minimum of 10 years of experience.

iV) All candidates are permitted to work on his Project/Dissertation at the place of employment, any recognized Institution/R&D Organization/Industry and submit a report thereon along with a practical training certificate obtained from the organisation holding a minimum of P.G. Degree in the concerned area of specialization.

III. Preparation of Project Report:
A Project Report should include the following items:
1. Introduction
2. Objectives
3. Tools/Environment Used
4. Analysis Document (This should include SRS i.e., Software Requirement Specification in proper structure based on Software Engineering concepts, E-R diagrams/Class diagrams/any related diagrams (if the former is not applicable), Data flow diagrams/other similar diagrams (if the former is not applicable), Data dictionary)
5. Design Document (Modularization details, Data integrity & constraints including database design, Procedural design, and User interface design).

6. Testing (Test case designs are to be included separately for Unit testing, Integration testing, System testing; Reports of the outcome of Unit testing, Integration testing, System testing are to be included separately. Also, details of debugging and code improvement are to be included.)
7. Input and Output Screens.
8. Implementation of Security for the Software developed (In case, you have set up a User Name and Password for your software, you should ensure the security of User Name and Password during transmission to server)
9. Limitations of the Project
10. Future Application of the Project
11. Bibliography
12. Students need not to attach the code in their project reports. The project report should be hard/spiral bound; should consist of a contents page; all pages of report should be numbered; content should be well organized in a meaningful manner; paragraph alignment should be maintained; printouts of text & screen layouts should be original and should not be photocopy). In the scheduling Viva-voce date, students have to submit the softcopy (two copies) of the project separately.
13. Certificate of Originality from the Supervisor.
14. The Project Report may be about 50 to 80 double spaced A-4 size typed pages (excluding program co
15. The candidate has to prepare one hard copy and one soft copy of the project report. Hard copy of the project report should be submitted to **The Project Head, ANU-CDE-ICT- Division, International Students Cell, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur, A.P.-522510** by post before the due date as communicated by the office. And Soft copy to submit in the student portal.The copy sent to **The Project Head, ANU-CDE-ICT- Division, International Students Cell, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur, A.P.-522510** will not be returned.

The Certificate issued by the Organization where the candidate worked for his project work must also be included in the report.

IV. IMPORTANT POINTS OF PROJECT REPORT

1. The Project Report should be submitted in A-4 size papers typed in double space. The Project Report should be hard bound.

2. Ensure that it contains the following:

   Certificate of Originality from the Supervisor.

   All signatures should be accompanied by the date of signature.

   It should include all items mentioned in Section III.

3. If any project report is received in the absence of the items listed above, it will be rejected and returned to students for compliance. Also, violation of Project Guidelines may lead to rejection of the Project.

4. Only One hard bound/spiral bound original copy of the project report is to be submitted to the University. One copy of the same Project Report is to be retained with the student 5. Xerox copy of the project report is not acceptable.

6. Not more than two students will be permitted to work on the same project.

TITLE & FIRST PAGE : : MODEL FORMAT

TITLE OF PROJECT
XXXXXXXXXXXXXXXXXXXXXXXXXX

Project Report Submitted
By
(Student Name)
(Enrolment No: **********)

Project Report Submitted in partial
fulfilment of the requirement for the
award of (Course)

Acharya Nagarjuna University
Nagarjuna Nagar - 522 510m Guntur (Dist.) (A.P.)

SECOND PAGE : : MODEL FORMAT

DECLARATION

I declare that this Dissertation has been written by me and has not previously formed as the basis for the award of any Degree, Diploma or the similar title in this or any other university. (My Enrollement No: **********)

(Student Name & Address)

THIRD PAGE : : MODEL FORMAT

CERTIFICATE

This is to certify that the Dissertation entitled "Recognition of Trade Unions with Special Reference to BHEL Ramachandrapuram", submitted in partial fulfillment of requirement for the award of (Course) is a record of bonafide research work done by (Student Name), bearing registration No. ********** during the academic year of 2015-2016, under my Guidance.

Guide