

DEPARTMENT OF MECHANICAL ENGINEERING CIRCULAR

04-01-2020

ATTENTION TO ALL THE 3RD YEAR STUDENTS: Project Batch 2017-2021

"The Good Project promotes excellence, engagement, and ethics in education, preparing students to become good workers and good citizens who contribute to the overall well-being of society"

Sixth semester students are hereby instructed that their final year project work requires to form project groups of not more than four members and choose a guide of your choice based on the problem statement. However, if one guide is selected by several groups, then the groups would be re-allotted to other guides. You need to prepare a ONE PAGE SYNOPSIS (brief synopsis) about the project as per the instruction of the guide/guides. The project topic would be further scrutinized for quality during a poster presentation session.

INSTRUCTIONS

- 1. Maximum of 4 members in a group
- 2. Lateral entry(diploma) students are hereby instructed to form their project groups with at least one student from the regular batch or vice versa; one lateral batch student in each regular batch teams.
- 3. Groups having difficulty in finding project guides, allotment etc would be done by Project committee. Details of guides and their areas of specialization are found in website.
- 4. Where additional technical inputs are required, a subject expert co-guide may be assigned.
- 5. Students need to identify their project topics after sufficient background work/ literature review or meeting faculty members of suitable research areas of interest. **Topics** which are overdone, too narrow or too vague problems should be avoided and would be rejected by the project committee.

The various parameters which should be considered while choosing a good project topic are:

- a) Field of Interest or Area of Specialization Enthusiasm doing the Project
- b) Engineering Level projects involving either of following areas such as Conceptual design, fabrication, heat transfer, Analysis (FEA and CFD) etc.
 - c) Application of project in further studies or future job Learning a new skill set
 - d) Resources available to execute the project Hardware/ Software/ Testing
 - e) Cost-Efficiently manage costs incurred
 - f) Specialization of guide or supervisor
- 6. Students should present a brief idea of their project work with the help of poster presentation on the timeline provided at Sadananda auditorium in February 2020. The poster needs to be prepared by project batches as per the guidelines provided.



GUIDELINES FOR SYNOPSIS PREPARATION (Also refer Annexure-1)

- 1. TITLE of the Project: 16 pt. Bold Times New Roman
- 2. Names of the Project Associates with USN along with the name of the Guide: 12 pt. CAPITAL letter regular Times New Roman, Single Line Spacing
- 3. First paragraph is the introduction; second paragraph regarding the objectives of the project, third paragraph Methodology (Experimental procedure), Fourth paragraph is the possible outcomes. Matter Contents: 12 pt. Times New Roman, 1.15 Spacing, Justified.
- 4. Students are required to prepare SYNOPSIS as per the above-mentioned guidelines and strictly restrict the SYNOPSIS to ONE PAGE only (PDF format). The project guides will upload the SYNOPSIS on the google link provided to them.

GUIDELINES FOR POSTER PRESENTATION (Also refer Annexure-2)

- 1. The poster should have an approximate minimum size of 3 feet width x 4 feet tall made out of **cloth** materials only.
- 2. The title of the poster should appear at the TOP along with student, guide/guides names and affiliation.
- 3. The poster should cover the KEY POINTS of project (Introduction, scope of work, Objectives, methodology & expected outcomes) and should NOT attempt to include too much writings; Use figures, diagrams, graphics, or easy-to-read tables also use large enough print, graphs, charts, or designs to be read easily from a distance.
- 4. The poster needs to be set up 30 minutes prior to the Poster Session.

COORDINATOR

Timeline: (TENTATIVE)

Sl. No	Date	Project Progression
1	27/01/2020	SYNOPSIS Submission on Moodle
2	08/02/2020	Scrutinization of Project topics (poster presentation)

DR. SHASHIKANTHA KARINKA HOD



ANNEXURE-1

PROJECT TITLE

XXXXXX (4NM14MEXXX) XXXXXX (4NM14MEXXX) XXXXXX (4NM14MEXXX) XXXXXX (4NM14MEXXX)

Guide: PROJECT GUIDE NAME, Department of Mechanical Engineering

First paragraph is the introduction First paragraph is the introduction.

Second paragraph regarding the objectives of the project Second paragraph regarding the objectives of the project.

Third paragraph Methodology (Experimental procedure) Third paragraph Methodology (Experimental procedure).

Fourth paragraph is the possible outcomes Fourth paragraph is the possible outcomes.

GUIDE: (To upload the PDF document in google link)



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ANNEXURE-2

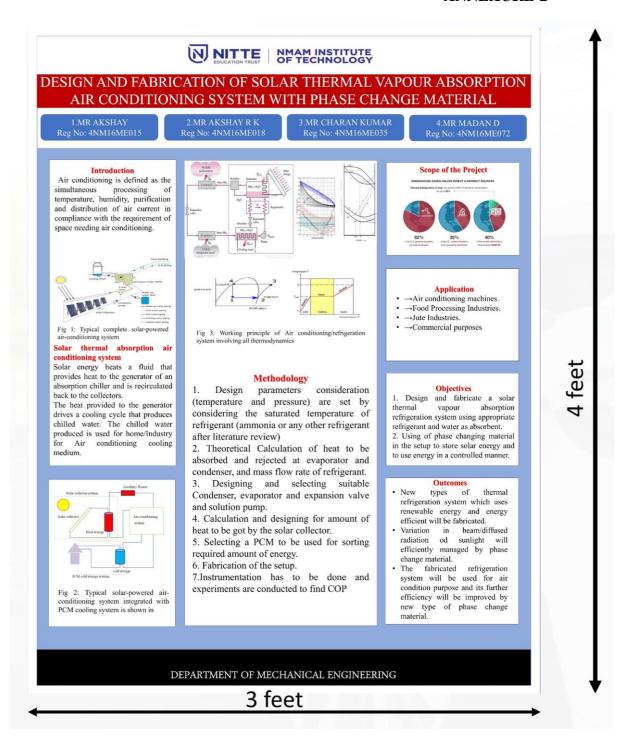


Fig: Poster details with approximate sizes (Guides details not to be displayed)