



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

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OFFICE OF DEAN ACADEMICS

Policy Document

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Title: Inter / Multi-disciplinary Projects

1. Policy

Inter /Multi-Disciplinary Projects encourage students to address real-world problems in cross cutting domains like water and sanitation, energy, health, education etc. Through Inter-disciplinary/multi-disciplinary projects students get an opportunity to collaboratively work with teams formed from multiple disciplines sharing different expertise required to address the problem.

2. Outcomes:

- Encourages students from different disciplines to collaborate and solve problems.
- Enables lifelong learning
- Enhances confidence in approaching challenges and resolving them through inter / multi-disciplinary teams

3. Guidelines:

3.1 Students must be encouraged to take up projects involving interdisciplinary / multidisciplinary study within the Institute or in collaboration with any higher education Institutes / research agencies / industries across the globe for getting global exposure. In cases where there is collaborative work carried out by the students in inter / multidisciplinary domains, the projects will be eligible for additional credits for the successful completion of the same.

- 3.2 Students are required to do a literature survey on the problems of interdisciplinary/multi-disciplinary nature to formulate the problem statement with a brief synopsis on the intended project work. Proposals are to be discussed along with project committee involving project coordinators from the respective departments to discuss their relevance from implementation & availability of resources viewpoint.
- 3.3 Students are encouraged to consult the experts from Industry/ Research labs/ Government Organizations/ any other Higher education Institute/NGO's by taking the support of the department to carry out their project in multi-disciplinary area.
- 3.4 Each Section/class is assigned with a dedicated Section Incharge to monitor the progress of all the projects in the section/class. Each team consists of a maximum of 3-5 students out of which 50% of the students must be from other departments (Engineering and MHS) across all the programs offered failing which the project will be treated as a regular project and guidelines of regular project will be applicable.
- 3.5 There should be guides, one from each department to carry out the project and the progress/review/evaluation are to be monitored at regular intervals. All the reviews should involve both the project guides and evaluation by the panel of experts / guides while calculating the average marks.
- 3.6 Grades calculated for each student member will be considered against the work done on the Project category and due credits will be assigned by the respective department based on the regulations of their program of study.
- 3.7 The formative and summative components should be clearly informed to the students well in advance along with the ways the slow learners are supported as a part of this process. Necessary documentation of the same must be maintained by the department for the attainment of outcomes stated for the inter/multi-disciplinary projects.
- 3.8 Student members are required to meet their faculty supervisor(s) on a weekly basis. A weekly assessment report duly signed by the faculty supervisor(s), needs to be submitted to the project coordinator. At least 3-4 presentations are to be scheduled during the semester at regular intervals.

3.09 It is ensured that the student completes all the phases of the project development on his own to learn and apply the concepts in order to gain enough confidence to do real projects.

3.10 Following are the various aspects in which students get expertise

- Stay confident to demonstrate the overall idea & objectives of the project.
- Ability to demonstrate innovation, unique features and use of project in real world.
- Effective usage of design methodologies to prepare a model/design of the overall project.
- Ability to apply the concepts of engineering & project management concepts for designing, implementation, documentation etc.
- Ability to present the results & outcomes in an appropriate manner.

3.11 Evaluation Plan and weightages remain same as defined for Projects. Appropriate rubrics for evaluation of the project be made by the department in alignment with the Evaluation plan.


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