

**JIMMA INSTITUTE OF TECHNOLOGY.  
SCHOOL OF MECHANICAL ENGINEERING**



**Contribution area – Mechanical engineering**

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# Introduction

- Mechanical Engineering Department of Jimma University was established in September 1997, currently School of Mechanical Engineering since 2014, with the objective of responding to the need for rapid industrialization and the changing societal needs of the country for sustainable development. It has graduated five batches of engineers.
- The department believes in cultivating the full potential of students, and the advancement of all forms of knowledge keeping in pace with international standards of academic quality, including the high skilled employment needs presented by a growing economy operating in global environment.

- As we know department of mechanical engineering which is under Jimma University is one of the higher African institution which involved in the current Tuning process that aims to collaboratively contribute to revitalizing and reforming mechanical engineering higher education in Africa to make it more responsive to Africa's development needs

## **Tuning methodology regarding the student.**

The tuning methodology is an interactive process through which academic develop high quality curriculum and learning standards for the student through identification of generic and subject specific competence in consultation with employers, students, graduates , peers and other stake holders involved in mechanical engineering higher education.

## Answers to obligatory questions about my work load and out come

1.a) Regarding different kinds of activities I am doing for my university work.

**Lecturing**- this is one of the work I am performed in my university, in which I am assisting(lecturing) new coming students those who joins mechanical engineering department by giving them introductory courses.

Beside this I am also taking **lectures** for my study at the university from my professors and this is another major activity I am doing in my university.

And also I am participating in different kinds of **seminars, projects** and **group works**(1 to 5 change army by both participating and organizing the group) .

## **b) Regarding the time I spend on each work.**

- The lecture I am giving takes **2hrs** each for two days a week, and for the one I am studied at the university can take up to **4 days a week** that will under taken only in the morning or afternoon session.
- For the project work and seminars the time will varies because the project and seminars will be undertaken unconditionally but I spend at least **one and half hour** a day for different projects I am working on.

**c) Regarding the exam period;**

During the exam period I will give more time for my study because it needs much more time to work on it especially during the exam period.

**d) Regarding the learning outcome;**

Actually all activities are help full in achieving a good learning output but specially the learning outcome will be more good if I spend much time for my study and by participating in a 1 to 5 peer group(change army which helps each and every one in the group to have a good learning outcome)

## **2.Regarding the type of activity I would like to have more time for;**

- a)The type of activities I would like to have more time mainly implies to the lecture class I m taking and also to participate in different project works, and this is for the typical week but during the exam week I will focus more on my study.
  
- b)Now my study at the university takes too much time because of the load of the courses included in the program so during the exam period again I will give more emphasis to this one.



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- c) Additionally I would like to work or participate on **practical works** related with mechanical engineering, because practical works will helps me to analyze or apply the theoretical knowledge I studied in the class.
- 3. Apart from my university work I don't have any other activities or demand because of the load I have with the university work.

# Answers to optional questions about my futures

- 1.a) I would like to get a job at an industry working on an energy related activities.
- b) Again after **10 years** I would like to join an industry which works on the energy especially on renewable energy resource.
- 2.a) Beside the theoretical and practical skill I get during both on my study and internship program I need to develop my **confidence, self esteem, entrepreneurial skill** and **team working behavior**.
- b) I will demonstrate my ability to potential employers by **working hard** and **bringing change** within the company I am working in and also by acquiring additional **theoretical and practical knowledge**.