

University School of Engineering & Technology

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F. No.: GGSIPU/ USET/20141

Dated: 03rd December, 2014

To,

The All Directors/Principals,

Affiliated Engineering Colleges under GGSIP University

Sub: Regarding obtaining Equivalence between B.Tech in Mechanical & Automation Engineering (MAE), and Mechanical Engineering (ME) & Tool Engineering (TE) and Mechanical Engineering (ME).

Based on the written representations received by the University, from students of affiliated institutions, requesting for issuing equivalence certificate so as to enable them for facing interview panels of various Government/Public Sector Units, the Academic Council directed the Dean USET to find a solution to the problem.

The Academic Council in its 37th Meeting approved the following procedure to be adopted in providing equivalence certificate for the desired discipline. The procedure to obtain the equivalence between B.Tech in **Mechanical & Automation Engineering (MAE) and Mechanical Engineering (ME) & Tool Engineering (TE) and Mechanical Engineering (ME)**, is as follows and the same has been uploaded on the University website.

- a. The student shall take additional courses and clear the credits, to obtain an equivalence certificate for the course intended. However, only one degree will be given for which he/she has enrolled and earned 200 credits.
- b. The student can opt to take additional courses along with his/her regular course of study or can complete the said courses within two year after completing the regular course of study in which the student took enrolment.
- c. The credits so earned shall be counted and marks card shall be issued. The same should be completed within (N+4) semesters, where N represents the number of semesters in the course of study.

Based on the above points the following scheme has been approved.

- A. The following one semester course of study is proposed for students obtaining degree in Mechanical and Automation Engineering seeking equivalence in Mechanical Engineering and is applicable w.e.f 2013-14. (Appendix-I)
- B. The following one semester course of study is proposed for students obtaining degree in Mechanical Engineering seeking equivalence in Mechanical and Automation Engineering and is applicable w.e.f 2013-14. (Appendix-II)
- C. The following one semester course of study is proposed for students obtaining degree in Tool Engineering seeking equivalence in Mechanical Engineering and is applicable w.e.f 2013-14. (Appendix-III)
- D. The following one semester course of study is proposed for students obtaining degree in Mechanical Engineering seeking equivalence in Tool Engineering and is applicable w.e.f 2013-14. (Appendix-IV)



(Prof. B.V.R. Reddy)
Dean USET

CC:

1. Hon'ble VC (for info)
2. All Directors/Principals affiliated engineering colleges under GGSIPU.
3. Guard file

**BACHELOR OF TECHNOLOGY
(B.TECH)
One Semester Additional Courses**

The following additional courses are to be cleared by the student who has qualified B.Tech in Tool Engineering (TE) and is seeking equivalence certificate in Mechanical Engineering (ME).

THEORY PAPERS				
Code No.	Paper	L	T/P	Credits
ETME-204	Strength of Materials-II	3	1	4
ETME-302	Machine Design-II	3	1	4
ETME-308	Refrigeration and Air Conditioning	3	1	4
ETME-303	Heat Transfer	3	1	4
ELECTIVE PAPERS(Choose any one)				
ETME-408	Nuclear Power Generation and Suooly	3	0	3
ETME-409	Preventive Maintenance and Condition Monitoring	3	0	3
PRACTICALNIV A VOCE				
ETME-254	Strength of Materials-II Lab	0	2	1
ETME-358	Refrigeration and Air Conditioning Lab	0	2	1
ETME-351	Heat Transfer Lab	0	2	1
ETME-455 ETME-456	Lab based on Elective	0	2	1
TOTAL		15	12	23

NOTE:

- A. It is mandatory for the student to clear all the additional courses listed above.
- B. The student can opt to take additional courses by joining the classes along with his/her regular course of study and clear the subjects, subject to the maximum courses allowed per semester by the examination ordinance.
- C. The student can also opt to complete additional courses within two years after completing his/her regular course of study, in which the student took enrollment.
- D. The credits so earned shall be counted and marks card shall be issued. The same should be completed within (N+4) semesters, where N represents the number of semesters in the course of study.
- E. This is applicable for students who have enrolled w.e.f. the Academic Session 2013-14.

**BACHELOR OF TECHNOLOGY
(B.TECH)
One Semester Additional Courses**

The following additional courses are to be cleared by the student who has qualified B.Tech in Mechanical Engineering (ME) and is seeking equivalence certificate in Tool Engineering (TE).

THEORY PAPERS				
Code No.	Paper	L	T/P	Credits
ETTE-305	Jigs, Fixture and Gauge Design	3	1	4
ETTE-302	Press Tool Design-I	3	1	4
ETTE-306	Mould Design-I	3	1	4
ETTE-402	Advanced Die Casting and Die Design	3	1	4
ELECTIVE PAPERS(Choose any one)				
ETTE-425	Materials Management	3	0	3
ETTE-422	Industrial Management	3	0	3
PRACTICAL NIV A VOCE				
ETTE- 353	Jigs, Fixture and Gauge Design Lab	0	2	1
ETTE-352	Press Tool Design-I Lab	0	2	1
ETTE-356	Mould Design-I Lab	0	2	1
ETTE-452	Lab based on Elective	0	2	1
ETTE-457				
TOTAL _____		15	12	23

NOTE:

- A. It is mandatory for the student to clear all the additional courses listed above.
- B. The student can opt to take additional courses by joining the classes alongwith his/her regular course of study and clear the subjects, subject to the maximum courses allowed per semester by the examination ordinance.
- C. The student can also opt to complete additional courses within two years after completing his/her regular course of study, in which the student took enrollment.
- D. The credits so earned shall be counted and marks card shall be issued. The same should be completed within (N+4) semesters, where N represents the number of semesters in the course of study.
- E. This is applicable for students who have enrolled w.e.f. the Academic Session 2013-14.