



GUJARAT TECHNOLOGICAL UNIVERSITY

(Established Under Gujarat Act No.: 20 of 2007)

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી

(ગુજરાત અધિનિયમ ક્રમાંક : ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

No./GTU/Acad/UG/2012/7478

18/07/2012

Notification

- Ref.:** (1) Letter of Joint Director of Technical Education, No CTE/Academic/SSEC/Marine/A(4)/52/12-13 Dt. 10/07/2012.
(2) Recommendation of committee consisting of Deans of university and principal of SSEC Dt. 13/06/2012.

In continuation to the above referred letter the matter of transferring the students of B.E. Marine Engineering to B.E. Mechanical Engineering branch of SSEC Bhavnagar was under consideration of university, accordingly the competent authority of university had approved the modalities of transfer as follows.

The students to be shifted from Marine Engineering to Mechanical Engineering.

Sem 1 to 3

If student has cleared any of the science subject (Physics/Chemistry) in sem 1 and 2, it is to be accepted. If not, then they have to clear as per rules.

Sem-5

Students entering into sem-5 have to take the two subjects of Mech. Engg. (of Sem-4) at their respective institute.

Sem-6 to 8

These students are required follow the new approved teaching scheme (Bridge Course) to get the BE in Mechanical engineering.

The bridge course rules, terms, conditions and modalities of inter transfer from marine to Mechanical Engineering is exclusively for students of SSEC, Bhavnagar is enclosed herewith as Annexure. The concern students have to exercise the option. All concerned are hereby informed to take necessary action in this regards.

Registrar

Encl. : Annexure

Copy to:

1. Joint Director, CTE, Gandhinagar, Gujarat.
2. P.S. to V.C., GTU.
3. P.A. to V.C., GTU.
4. P.A. to Registrar, GTU.
5. Principal, SSEC, Bhavnagar.
6. COE, GTU
7. OS, DTE
8. Chairman , ACPC

Winners of : ICT Enabled University Award E-India - 2009 ❖ Manthan Award - 2009

❖GESIA Award - 2011 ❖Digital Learning WES - 2011 Award

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GUJARAT TECHNOLOGICAL UNIVERSITY
Ahmedabad

Proposed Teaching Scheme for B.E. Semester VI and VIII (Marine Engineering) Students
who are to be transferred to B.E. Mechanical discipline.

Special Academic session-I

Sr. No.	Subject Code	Subject Name	Teaching Scheme(Hours)			Credits
			Theory	Tutorial	Practical	
1.	141901	Mechanical Measurement And Metrology	4	0	2	6
2.	141903	Engineering Thermodynamics	4	1	0	5
3.	151901	Manufacturing Process-II	3	0	2	5
4.	151902	Theory of Machines	3	0	2	5
5.	151903	Fluid Power Engineering	3	0	2	5
6.	151904	Power Plant Engineering	3	0	0	3
7.	151905	Machine Design - I	4	0	2	6
TOTAL			24	1	10	35

Special Academic session-II

Sr. No.	Subject Code	Subject Name	Teaching Scheme(Hours)			Credits
			Theory	Tutorial	Practical	
1.	161901	Dynamics Of Machinery	3	0	2	5
2.	161902	Internal Combustion Engines	3	0	2	5
3.	161903	Computer Aided Design	3	0	2	5
4.	161904	Alternate Energy Sources	3	0	0	3
5.	161905	Control Engineering	3	0	0	3
6.	161906	Heat And Mass Transfer	3	0	2	5
7.	161907	Industrial Engineering	3	0	0	3
8.	181901	Refrigeration And Air-conditioning	3	0	2	5
TOTAL			24	0	10	34

Special Academic session-III

Sr. No.	Subject Code	Subject Name	Teaching Scheme(Hours)			Credits
			Theory	Tutorial	Practical	
1.	171901	Operation Research	4	2	0	6
2.	171902	Automobile Engineering	3	0	2	5
3.	171903	Computer Integrated Manufacturing	3	0	2	5
4.	171904	Product Design and Value Engineering	3	2	0	5
5.	181902	Machine Design II	3	1	0	4
6.	181903	Production Technology	3	0	2	5
7.	181904	Thermal Engineering	3	0	0	3
TOTAL			22	5	6	33

Reference: (1) Education department's letter No. 424/102011/EM-24/S dated 22.05.2012

(2) CTE, letter No. CTE/એકે/મરીન એન્જી./ક(4)/52/12-13/17284 dated 23.05.2012

Modalities of Transfer of Students of B.E. Marine Engineering of S.S. Engineering College, Bhavnagar as per Approval given by Education Department, vide letter No. PRCH/102011/EM-24/SA dated 22.05.2012:

(A) For third year and fourth year students:

As per DGS conditions, the eligibility criteria for GME course is the graduate degree in Mechanical engineering. As per the said education department instructions, in consultation and approval from GTU, Ahmedabad, the remaining subjects of Mechanical Engineering course are to be taught to the students after successful completion of B.E. Marine Engineering course work. For the execution and implementation, it is necessary to get the approval of GTU regarding how to undertake this transfer in the benefit of the students. Following may be the suggestions to get the degree of Mechanical Engineering:

- The subjects of Mechanical Engineering course which are not studied by Marine Engineering students are required to be studied through a bridge course of one year. Options are required to be asked from the students of third year and fourth year whether they are interested to join this course or not.
- Those who opt for only Marine Engineering course shall be awarded the degree of Marine Engineering by GTU.
- Those who wish to opt for bridge course, shall have the following eligibility:
 - (a) Successful completion of third/ fourth year course work of Marine Engineering and
 - (b) Having backlogs as per GTU norms (max. 4).
- Students who opt for Mechanical Engineering, shall have to clear the backlogs, if any, of Semester- I to IV only of corresponding subjects of Mechanical Engineering.
- Failure in the bridge course subjects not to be considered as backlogs to move further in bridge course.
- On successful completion of the bridge course of one year, the student shall be awarded the degree of B.E. Mechanical Engineering instead of B.E. Marine Engineering by GTU.
- The students are required to fill-in the prescribed **option form** and submit original mark-sheets of all examinations appeared for previous semesters along with original admission memo issued by ACPC.

(B) For first year and second year students:

- The students shall be shifted to Mechanical Engineering Branch on vacant seats of any government engineering college as decided by Admission Committee for Professional Courses, Ahmedabad.
- (a) The students of Marine Engineering of Semester -IV and detained students of Semester-V shall be shifted to **Semester- V of Mechanical Engineering** with the condition to clear any number of the backlogs of

corresponding subjects of Mechanical Engineering course of previous semesters.

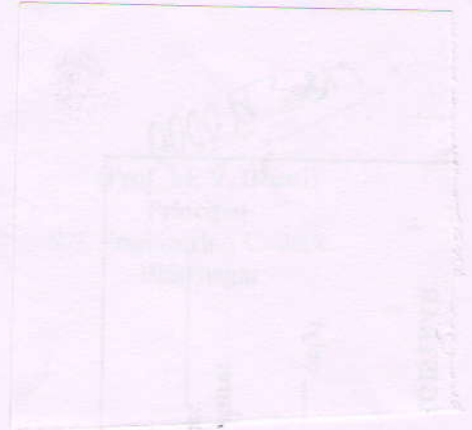
(b) The students are required to clear Physics (110011) of B. E. First Year and two subjects, namely Mechanical Measurement and Metrology (141901) and Engineering Thermodynamics (141903) of B. E. Semester-IV of Mechanical Engineering before completion of Mechanical Engineering course.

- (a) The students of Marine Engineering of Semester –II and detained students of Semester-III shall be shifted to **Semester- III of Mechanical Engineering** with the condition to clear any number of the backlogs of corresponding subjects of Mechanical Engineering courses of previous semester.

(b) The detained students of Marine Engineering of Semester-I shall be shifted to Semester-I of Mechanical Engineering.

(c) The students are required to clear Physics (110011) of B. E. First Year.

- The students, who fail to report at the time of shifting shall be treated as if they have opted for Mechanical Engineering Branch.
- This arrangement of transfer of branch is exclusively applicable to the students who were admitted to Marine Engineering course at S.S. Engineering College, Bhavnagar only for the academic years 2008-2009, 2009-10, 2010-11 and 2011-12.



Option Form

Important: The option once exercised shall be final and under no circumstances the option can be changed.

Tick the box against option that you select from following:

1. I hereby declare that I give my option to accept the Marine Engineering Undergraduate (B.E.) degree of GTU, Ahmedabad [Marine Engineering Degree] and forego the option of getting transferred to Mechanical Engineering Branch.

2. I hereby declare that I give my option of getting transferred to Mechanical Engineering Branch from my present Marine Engineering Branch, leading to Undergraduate (B.E.) Mechanical Engineering Degree. I shall abide by the rules and procedures as laid down by GTU in completing the remaining studies (Bridge Course) required for the degree of Mechanical Engineering [Mechanical Engineering Degree].

Signature of the Student

Signature of Guardian

Date: _____

Place: _____

Name of the Student: _____

Enrolment No.: _____

Present Semester: _____

Full Permanent Dares: _____

Contact No.: _____

e-Mail: _____