

GUJARAT TECCHNOLOGICAL UNIVERSITY

Project on Redesign of Syllabi of 'Diploma in Engineering' Programs

Advisor for the Project: National Institute of Technical Teachers' Training and Research, Bhopal, (Gujarat Extension Center, RCTI, Sola, Ahmedabad)

A report of the meeting of 7th Feb 2013:

Minutes of the meeting

Gujarat Technological University organized a meeting on review of First Semester curricula and implementation of Second Semester curricula of Diploma Engineering with Convener & Deans of Diploma Engineering at Chandkheda Campus, GTU on 7th Feb 2013. Dr G P Vadodaria; COE Chaired the meeting.

Following experts were present at meeting.

- 1) Dr. G P Vadodaria,COE,GTU
- 2) Dr. Indrajit Patel Chief Coordinator and Dean Zone-3, GTU
- 3) Mr. A K Patel, Dean Zone-1,GTU
- 4) Mr. A S Shah, Dean Zone-5,GTU
- 5) Mrs. S T Shah, Dean Zone-2,GTU
- 6) Mrs. Almas Juneja, GTU
- 7) Dr. S K Gupta, NITTTR Bhopal
- 8) Mr. A M Talsaniya, Convener Mechanical Engineering
- 9) Mr S S Mehta, Convener Electrical Engineering
- 10) Mr. B G Rajgor, Convener Civil Engineering
- 11) Mr K N Raval, Convener Computer Engineering
- 12) Mr M P Parmar, Convener Information Technology
- 13) Mr R R Manchiganti,Convener Instrumentation & Control Engineering
- 14) Mr U V Buch, Representing Eleclectronics and Communication Engineering

Dr Indrajit Patel welcomed all the members on behalf of GTU and CDC cell . He briefed about the feeling and expectations of Honorable Vice Chancellor towards the curriculum revision

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process and implementation including feedback mechanism. Dr Patel informed that Honorable Vice Chancellor took special note of this project and congratulated the team for outstanding work and effort for young engineers during his convocation address while presenting annual report. Prof. Patel extended heartiest thanks to each and every members of curriculum revision project for timely and positive cooperation and sought strong cooperation in days to come.

Meeting was taken in order as per the Agenda Item.

(1) Feedback of First semester revised curricula and University question paper.

- The students from various branches are now aware of their core branch from the very first semester as we have reduced the common subject in first semester...**Prof Manchiganti**
- As per the discussion with the faculty members who are newly recruited, it seems to be well balanced because of offering branch specific subjects in the initial semester.....**U V Buch**
- After the interaction with the new students of Diploma Engineering, the subject of Chemistry & English is very good. They are suffering some problems with the contents of Mathematics because the content of Trigonometry part of the subject is too lengthy. The subject Fundamental of Mechanical Engineering contains too depth about fundamentals and it may be restricted to some explanatory or illustrative topics as needed for inter disciplinary subject.....**S S Mehta**
- Overall feedback from students, faculties and institutions is encouraging and all conveners showed satisfaction about the process.
- As far as the question paper format is concerned many of Question papers of Diploma Engineering are not as per the standard guidelines which was decided in

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the meeting of 9th Nov, 2012. It was suggested that we could send the format of question paper along with the examiner's order.

- Dr Vadodaria asked to provide at least two sets of Model question paper for each subject well in advance before the paper setting orders are issued. He will provide CD containing format of model question paper to all the branch conveners.

(2) Implementation of Second Semester revised curricula

Dr Gupta reported about progress of second semester curricula revision status. We have total of 55 Subjects in the second semester. Till date we have validated 47 subjects except the 8 subjects from Textile Group. The final version of the second semester subjects of 22 branches are already uploaded on website. The remaining subjects will be uploaded by 9th Feb 2013.

Prof Ms Juneja and Dr Gupta informed about revision and restructuring of Textile group branches by DoTE office from the next academic year. From the next academic calendar DTE merged the following branches

- 1) Textile Designing
- 2) Textile Manufacturing Technology
- 3) Textile Processing Technology

Above mentioned branches will merge in **Textile Technology**

CDDM will be replaced by **Garment Design & Fashion Technology**.

For the syllabus of the above mentioned branches which are running in our existing system, it is resolved to keep their syllabus of 3 to 6 sem as old syllabus with minor modification to inculcate effect of first and second semester revision made so far. A work shop is proposed on 12th Feb 2013 at NITTTR for these groups and will be taken care by CDC-GTU and NITTTR.

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3) Modality of students detained or failed etc.....in context to the revise curricula

- Dr Vadodaria shared his view to minimize administrative issues at institute as well as examination and result preparations and also timely benefit to the students for their career advancement.
- Prof Talsaniya presented the document prepared and submitted to GTU earlier with different case studies and modalities of failure/detention with probable solution. All the course conveners and Dean expressed their views in this regards.
- It was found that delay in finalizing the proposal for modality of equivalence is occurred due to not issuing official orders to Branch conveners and Program Committee members by GTU office. (Draft of letters already submitted to CDC and Academic section)

Prof Talsaniya and Prof Manchiganti will coordinate this matter with programme committee members to prepare equivalence of different subjects. This task will be taken up during two workshop planned during 16th February 2013 and 2nd March 2013 at NITTTR for third and fourth semester curricula revision.

- On 16th Feb 2013, Conveners and programme committee members of common subjects and Electrical, EC, Computer ,Chemical and Allied branches are to be invited.
- On 2nd March 2013 Civil, Mechanical and Allied branch conveners and programmed committee Members are to be invited.

(4) Upcoming workshop

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Following events are planned in coming days to complete task of 3rd and 4th semester curricula revision. It was decided to complete task of 3rd semester by 30th April 2013 and 4th semester by 30th June 2013.

Dr Gupta informed about calendar of NITTTR and inclusion of training programs for semester 1 to 3 question paper setting training during May June 2013; vacation period.

- In the workshop on 16th Feb, we invite the program committee members from Electrical , EC Computer Chemical & Allied Group. Meanwhile on the same day we also deciding the equivalency of the subjects offered in first & Second Semester.

Prof Ahir and Prof A K Patel Dean will represent council of Dean.

- On 2nd March the workshop will be organized with the program committee members from Civil, Mechanical Allied branches to finalize the program structure & content outline till six semester. Also on the same day we decide the equivalency of the subjects offered in first & second semester.

Prof Ms Sheetal and Prof Atul Shah will represent Dean council

- Dr Gupta will prepare planning and detailed agenda of the proposed workshops in coordination with Dr Indrajit Patel and CDC GTU.

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(5) Valuable Suggestions

- Controller of Exam and all the committee members suggested empowering Indrajit Patel Chief Coordinator to issue order to the Conveners, Program Committee members & Course Committee members.
- Prof Vadodaria will provide and upload the detention criteria of the students.
- Online marks entry as per revised marks distribution for theory and practical component (PA and ESE) will be modified and uploaded on web site at the earliest by the exam section.
- All the members urged for timely issue of pending mark sheets and also sought for a strong coordination between examination and academic section for timely support to institute and student mass.
- AR academic or representative should be present during all such important meeting or workshop for coordination and implementation and preparation of minutes, follow up action and other related issue.
- A separate and dedicated CDC Cell should be set up with at least class II officer as in charge and 3-4 admin or office asst & data entry operator is the need of day to support all DE, BE ,PG and CDC activities.
- **GTU office to issue orders to all conveners , program committee members and subject experts before inviting them for next workshops. Draft is available with CDC and academic section.**

Meeting ended with thanks to Chair and Special Thanks to Honorable Vice Chancellor for his Visionary Leadership and 24X7 motivations.

Thanking you all : Indrajit Patel on behalf of CDCGTU