

BIRKA VISHVAKARMA MAHAVIDYALAYA
(Engineering College)
(An Autonomous Institution)
VALLABH VIDYANAGAR - 388 120

No. F/94/047

Date: 02.04.2018

A meeting of Academic Council was held on 24.03.2018 at 11.30 am in the conference room, Principal's office. The following members were present

Sr. No.	Name	Designation
1.	Dr. I. N. Patel	Chairman, Academic Council
2.	Shri V. B. Kalyankar	Member, Industry
3.	Shri Jagdishbhai Patel	Member, Industry
4.	Shri R. C. Patel	Member, Research Institute
5.	Dr. P. M. George	Dean, Academic & Chairman, BoS, Mechanical
6.	Dr. Vinay J. Patel	Member Secretary & Asso. Dean, Academic
7.	Dr. H. V. Patel	Associate Dean, Academics
8.	Dr. L. B. Zala	Member and Chairman, BoS, Civil Engineering
9.	Dr. D. G. Thakore	Member and Chairman, BoS, Computer Engineering
10.	Dr. T. D. Pawar	Member, Chairman, BoS, Electronics Engineering
11.	Dr. A. M. Trivedi	Member and Chairman, BoS, Production Engineering
12.	Dr. Keyur Brahambhatt	Member and Chairman, BoS, Information and Technology
13.	Dr. B. C. Goradiya	Member and Chariman, BoS, Electronics and Communications
14.	Dr. R. B. Gandhi	For, Member and Chairiman, BoS, Mathematics
15.	Dr. N. G. Mishra	For, Member and Chairman, BoS, Electrical Engineering



16.	Dr. A. K. Verma	Member and Chairman, BoS, Structural Engineering
17.	Dr. D. M. Patel	Member, Professor
18.	Dr. S. D. Dhiman	Member, Associate Professor
19.	Shri A. A. Shaikh	Member, Associate Professor

The following members remained absent with permission due to prior engagements.

Sr. No.	Name	Designation
1.	Dr. Sanjaykumar Vij	VC Nominee
2.	Dr. K. N. Mistry	VC Nominee
3.	Dr. N. Ramakrishnan	Member, Noted Academics
4.	Dr. Snehal Mevada	Member, Assistant Professor

The meeting was started with welcome and opening remarks by Dr. I. N. Patel, Chairman, Academic Council. He requested Dr. P. M. George, Dean Academic Council to conduct meeting. Dr. P. M. George welcomed all members and invited Dr. V. J. Patel to proceed as per agenda.

AGENDA

AC.1718.1.1. To approve the minutes of the meeting held on 13.05.2017.

Unanimously approved

AC.1718.1.2. To revise the CPI limits for the award of class for B. Tech. programs (including PDDC).

Unanimously approved with corrections.

Existing:

The class awarded to a student with his B. Tech. degree is decided by his final CPI as per the following table:

DISTICTION --CPI not less than 8.00
 FIRST CLASS - CPI less than 8.00 but not less than 6.50
 SECOND CLASS - CPI less than 6.50 but not less than 5.00
 PASS CLASS - CPI less than 5.00 but not less than 4.00
 CPI less than 4.00 is not eligible for award of degree



A candidate who passes in all subjects and all heads of passing in the examination shall be given a gracing of the required CPI for getting second class/ first class/ first class with distinction, subject to a maximum of CPI 0.10, in concurrence with rules and guidelines of AICTE/ GTU.

Suggested:

The class awarded to a student with his B. Tech. degree is decided by his final CPI as per the following table:

FIRST CLASS WITH DISTICTION - CPI not less than 7.10
FIRST CLASS - CPI less than 7.10 but not less than 6.50
SECOND CLASS - CPI less than 6.50 but not less than 5.50
PASS CLASS - CPI less than 5.50 but not less than 4.00
CPI less than 4.00 is not eligible for award of degree

A candidate who passes in all subjects and all heads of passing in the examination shall be given a gracing of the required CPI for getting second class/ first class/ first class with distinction, subject to a maximum of CPI 0.10, in concurrence with rules and guidelines of AICTE/ GTU.

AC.1718.1.3. To revise the CPI limits for the award of class for M. Tech. programs.

Unanimously approved with corrections and also suggested that this shall be application from the results of academic year 2017-2018.

Existing:

The class awarded to a student with his M. Tech. degree is decided by his final CPI as per the following table:

DISTICTION - CPI not less than 8.25
FIRST CLASS - CPI less than 8.25 but not less than 6.50
SECOND CLASS - CPI less than 6.50 but not less than 5.50
PASS CLASS - CPI less than 5.50 but not less than 5.00
CPI less than 5.00 is not eligible for award of degree

A candidate who passes in all subjects and all heads of passing in the examination shall be given a gracing of the required CPI for getting second class/ first class/ first class with distinction, subject to a maximum of CPI 0.10, in concurrence with rules and guidelines of AICTE/ GTU.

Suggested:

The class awarded to a student with his M. Tech. degree is decided by his final CPI as per the following table:

FIRST CLASS WITH DISTICTION - CPI not less than 7.25
FIRST CLASS - CPI less than 7.25 but not less than 6.50
SECOND CLASS - CPI less than 6.50 but not less than 5.75

PASS CLASS - CPI less than 5.75 but not less than 5.00
CPI less than 5.00 is not eligible for award of degree

A candidate who passes in all subjects and all heads of passing in the examination shall be given a gracing of the required CPI for getting second class/ first class/ first class with distinction, subject to a maximum of CPI 0.10, in concurrence with rules and guidelines of AICTE/ GTU.

AC.1718.1.4. To approve formula for conversion of CPI into equivalent percentage.

The Curriculum Development Board (CDB) had suggested following formula.

$$\text{percentage} = (\text{CPI} - 0.5) \times 10$$

Unanimously approved

AC.1718.1.5. To approve the format of provisional certificate to be issued to UG, PG and PDDC graduating students.

Unanimously approved with corrections. The corrected format is attached here with as Annexure – I.

AC.1718.1.6. To approve the format of transcript to be issued to UG and PDDC students.

Unanimously approved with corrections. The corrected format is attached here with as Annexure – II.

AC.1718.1.7. To approve the format of transcript to be issued to PG students.

Unanimously approved with corrections and also suggested that this shall be application from the results of academic year 2017-2018. The corrected format is attached here with as Annexure – III.

AC.1718.1.8. To approve change in GTAR. 2 suggested by CDB.

Existing:

Students who have registered for any courses of 5th & above semesters under GTU Structure shall not be allowed to be transferred in the Autonomous structure. All other students of GTU Structure will be compulsorily transferred to Autonomous structure from Academic year 2017-18 & onwards.

Suggested:

Students who have registered for any course of 5th & above semesters under GTU Structure shall not be allowed to be transferred in the Autonomous structure. All other students of GTU Structure can opt to remain in GTU structure or transfer to Autonomous Structure. However, once the student has given an option, the same cannot be altered for whatsoever reasons.

Unanimously approved

AC.1718.1.9. The addition of AR(UG) 14.6, AR(PG) 12.6 and AR(PT) 13.6 as under:



The college will conduct only one continuous assessment of theory (mid semester examination) for all subjects of the semester in the following cases.

- 1) First Semester of B. Tech./M. Tech./PDDC program.
- 2) Third semester of B. Tech. program for the students who are admitted in the second year of B. Tech. such as D2D students
- 3) Corresponding semester of the year of transfer for transferred students or international students, if the admission of such students is five week later than commencement of academic calendar.

Unanimously approved

AC.1718.1.10. To approve the suggestions of CDB on review of the reassessment and its effect. The review and suggestions are as follows.

It is observed that one student who had more than six FF + LA grades in the AY 2016-17, after re-assessment, got less than or equal to six FF+LA, making him/her eligible to keep his/her term. He/she shall be allowed to continue in the academic year 2017-18. The mid-semester for this student shall be conducted as per AC.1718.1.9.

Unanimously approved and henceforth all such cases shall be treated as similar.

AC.1718.1.11. To approve the modification in AR(UG) 24.1 and AR(PT) 23.1.

Existing:

The respective board of studies shall appoint at least two examiners for end semester theory as well as practical/viva examination. For each end semester theory examination, there shall be two paper setters. One paper setter out the two shall be from outside the institute (external examiner). The end semester practical examination of each subject shall be conducted by an internal and an external examiner. For 3rd and 4th level courses, each end semester theory examination evaluation shall be made by an internal and an external examiner. One of the internal examiner/s shall be appointed as convener who shall co-ordinate the examination procedure for end semester examinations of the respective subject.

Suggested:

The respective board of studies shall appoint at least two examiners for end semester theory as well as practical/viva examination. For each end semester theory examination, there shall be two paper setters. One paper setter out the two shall be from outside the institute (external examiner). The end semester practical examination of each subject shall be conducted by an internal and an external examiner. For 4th level courses, each end semester theory examination evaluation shall be made by an internal and an external examiner. One of the internal examiner/s shall be appointed as convener who shall co-ordinate the examination procedure for end semester examinations of the respective subject.



Unanimously approved

AC.1718.1.12. To decide on the suggestion made at CDB for reassessment.

It is suggested that the answer books of end-semester examination (Theory) will be shown as a part of reassessment to the students after the declaration of the results on chargeable basis.

It is unanimously suggested to resend the same to CDB for revision/reconsideration in the context of possible lacunas implementations.

AC.1718.1.13. To discuss and approve the proposal on Project (Major/Minor).

Based on the suggestion put forward by BoS, Computer Engineering and a committee comprising by Dr. V. J. Patel, Dr. N. M. Patel and Prof. S. P. Joshi was formed. The committee report was discussed at length in the meeting of CDB held on 06.10.2017. The board has suggested that this course should be named such as "PROJECT". The respective Board of Studies shall decide whether the PROJECT shall be offered as compulsory or optional. The Course Objective is suggested as

"Student will take-up a real-life problem at the industry. Student shall identify and define the problem, establish the relevance, collect and analyze the data, and will bring conclusive solution(s)."

However, respective Board of Studies may alter the course objective to meet the POs, PSOs etc.

The PROJECT Guidelines has been thoroughly discussed and revised guidelines are suggested unanimously. It is unanimously recommended that the revised PROJECT guideline shall be sent again to the CDB and subsequently to the Academic Council for further discussions.

The suggested PROJECT Guidelines is attached herewith as Annexure-IV.

AC.1718.1.14. To discuss and approve rules for offering NPTEL courses as alternate program electives with transfer of credits.

The sub-committee headed by Dr. R. P. Mehta has suggested rules for offering NPTEL courses as alternate program electives with transfer of credits.

Unanimously approved with corrections. The corrected rules are attached here with as Annexure V.

AC.1718.1.15. To discuss and approve the structure (teaching scheme) and syllabi of subjects of 4th year B. Tech. (Electrical Engineering) offered by Board of Studies, Electrical Engineering with CO-PO (PSO) mapping. (Annexure VI).

Unanimously approved.

AC.1718.1.16. To discuss and approve the structure (teaching scheme) and syllabi of subjects of 4th year B. Tech. (Information and Technology) offered by Board of Studies, Information and Technology with CO-PO (PSO) mapping. (Annexure VII).

Unanimously approved.



AC.1718.1.17. To discuss and approve the structure (teaching scheme) and syllabi of subjects of 4th year B. Tech. (Civil Engineering) offered by Board of Studies, Civil and Structural Engineering with CO-PO (PSO) mapping. (Annexure VIII).

Unanimously approved.

AC.1718.1.18. To discuss and approve the structure (teaching scheme) and syllabi of subjects of 4th year B. Tech. (Computer Engineering) offered by Board of Studies, Computer Engineering with CO-PO (PSO) mapping. (Annexure IX).

Unanimously approved.

AC.1718.1.19. To discuss and approve the structure (teaching scheme) and syllabi of subjects of 4th year B. Tech. (Electronics Engineering) offered by Board of Studies, Electronics Engineering with CO-PO (PSO) mapping. (Annexure X).

Unanimously approved.

AC.1718.1.20. To discuss and approve the structure (teaching scheme) and syllabi of subjects of 4th year B. Tech. (Mechanical Engineering) offered by Board of Studies, Mechanical Engineering with CO-PO (PSO) mapping. (Annexure XI).

Unanimously approved.

AC.1718.1.21. To discuss and approve the structure (teaching scheme) and syllabi of subjects of 4th year B. Tech. (Electronics and Communication) offered by Board of Studies, Electronics and Communication with CO-PO (PSO) mapping. (Annexure XII).

Unanimously approved.

AC.1718.1.22. To discuss and approve the structure (teaching scheme) and syllabi of subjects of 4th year B. Tech. (Production Engineering) offered by Board of Studies, Production Engineering with CO-PO (PSO) mapping. (Annexure XIII).

Unanimously approved.

AC.1718.1.23. To approve courses offered by NPTEL as an equivalent program elective. (Annexure XIV).

Unanimously approved.

AC.1718.1.24. To discuss and approve the structure (teaching scheme) and syllabi of subjects of 4th year B. Tech. (Mechanical Engineering) PDDC offered by Board of Studies, Mechanical Engineering with CO-PO (PSO) mapping. (Annexure XV).

Unanimously approved.

AC.1718.1.25. To approve the change in AR(UG)14.3, AR(PG)12.3 and AR(PT)13.3 as per Annexure XVI.



Unanimously approved.

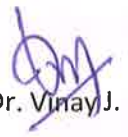
AC.1718.1.26. To approve suggested maximum marks of the subject with no theory component.


The following table shows the suggested marks.

Sr. No.	Credits of the Subject with no theory component	Maximum Marks
1.	1 to 5	100
2.	6 to 10	200
3.	11 to 15	300
4.	16 to 20	400
5.	21 to 25	500
6.	26 and above	600

It is unanimously approved and suggested that this shall be applicable from Academic Year 2018-2019.

The meeting ended in good spirit and with a vote of thanks by Dr. P. M. George, Dean Academic.


(Dr. Vinay J. Patel)
Member secretary


(Dr. P. M. George)
Dean, Academics


(Dr. I. N. Patel)
Principal

To,

1. All members, Academic Council

cc to :

1. Registrar, Gujarat Technological University for information.
2. Member Secretary, Academic Council
3. BOG File



Encl: Annexure I to XVI.