

BIRLA VISHVAKARMA MAHAVIDYALAYA
(Engineering College)
VALLABH VIDYANAGAR

No.F/AC/1/MT/93

11.03.19

MINUTES OF ACADEMIC COUNCIL MEETING HELD ON 23.02.19

Minutes of the meeting of the Academic Council (AC1819.2) of BVM Engineering College held on **23.02.19 at 10.00 am** in Principal's Office – Board Room.

Following members were present:

Sr. No.	Name	Designation
1.	Dr. I. N. Patel	Chairman, Academic Council
2.	Dr. Sudhir Kumar	Member - Academician, BoG Nominee
3.	Dr. N. D. Jotwani	Member - Academician, BoG Nominee
4.	Er. Jayanta Mukhopadhyay	Member - Industry, BoG Nominee
5.	Prof. B. N. Suthar	Member - GTU Nominee
6.	Dr. P. M. George	Dean, Academics, Chairman, BOS, Mechanical Engineering
7.	Dr. Vinay J. Patel	Member Secretary & Asso. Dean Academics
8.	Dr. A. K. Verma	Chairman, BOS, Structural Engineering
9.	Dr. L. B. Zala	Chairman, BOS, Civil Engineering
10.	Dr. D. G. Thakore	Chairman, BOS, Computer Engineering
11.	Dr. B. R. Parekh	Chairman, BoS, Electrical Engineering
12.	Dr. T. D. Pawar	Chairman, BOS, Electronics Engineering
13.	Dr. A. M. Trivedi	Chairman, BOS, Production Engineering
14.	Dr. K. N. Brahmabhatt	Chairman, BOS, Information Technology
15.	Dr. B. C. Goradiya	Chairman, BOS, Electronics and Commu. Engineering
16.	Dr. T. A. Desai	Chairman, BOS, Mathematics
17.	Dr. N. G. Mishra	Member, Professor
18.	Dr. B. R. Dalwadi	Member, Associate Professor
19.	Prof. P. B. Swadas	Member, Associate Professor
20.	Dr. H. J. Chauhan	Member, Assistant Professor
21.	Dr. S. V. Mevada	Jt. Controller of Examination – Special Invitee

The following members expressed their inability to attend the meeting:

22.	Dr. Sanjay Agrawal	Member - Academician, BoG Nominee
23.	Prof. B. M. Vadher	Member - GTU Nominee
24.	Dr. C. H. Vithalani	Member - GTU Nominee
25.	Dr. H. V. Patel	Member, OICS
26.	Prof. S. A. Shah	Member, Controller of Examination

The meeting was started with welcome and opening remarks by Dr. I. N. Patel, Chairman, Academic Council. A two minutes silence at the beginning of the meeting was observed to pay homage to our brave soldiers who laid down their life while protecting the country. Dr. Patel informed about the re-constitution of Academic Council for the period 1.07.2018 to 30.06.2020 and introduced the new members and briefed about their contribution to technological society. He also informed regarding the TEQIP-III project, ICC Meetings conducted by the Board of Studies, Inputs received from industries during III Meeting.



He invited Dr. V. J. Patel, Associate Dean, Academics & Member Secretary, Academic Council to present the Agenda items:

AC.1819.2.1. To approve the Minutes of Academic Council meeting AC.1819.1 held on 25.07.18.

The minutes were approved (Annexure-I). However, with the permission of Chair, Member Secretary has suggested the following changes in the structure of the courses.

Existing Course Structure

Course Code	Name of Course	L	T	P (1 hr=0.5 Credit)	Hr	Credit
BS101	Advanced Calculus	3	2	0	5	5
BS102	Linear Algebra and Fourier Series	3	2	0	5	5
HS102	Environmental Science	2	2	0	4	0

Proposed Course Structure

Course Code	Name of Courses	L	T	P (1 hr=0.5 Credit)	Hr	Credit
BS101	Advanced Calculus	3	1	0	4	4
BS102	Linear Algebra and Fourier Series	3	1	0	4	4
HS102	Environmental Science (Non-credit Mandatory Course)	2	0	0	2	0

The above changes were approved with a remarks that these changes will be **applicable** from the Academic Year **2019-20**.

AC.1819.2.2. To discuss and approve following **Guidelines for UG Program** (For students admitted in A.Y. 2018-19 and onwards) in line with AICTE Model Curriculum - 2018 suggested by Curriculum Development Board (CDB1819.6.1) based on draft made by Academic Reform Committee.

The guidelines for UG programme were approved unanimously with the minor corrections. The corrected guidelines are as below:

1. **Proposed distributions of credits under various categories.**

No.	Category	Suggested Breakup of Credits *	
		Min.	Max.
1	Humanities and Social Sciences including Management courses	10	12
2	Basic Science courses	21	25
3	Engineering Science courses including workshop, drawing, basics of electrical/mechanical/computer/production etc.	22	24
4	Professional Core Courses	53	61



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No.	Category	Suggested Breakup of Credits *	
		Min.	Max.
5	Professional Elective courses relevant to chosen specialization/branch	18	22
6	Open subjects – Electives from other technical and /or emerging subjects	7	7
7	Project work, seminar and internship in industry or elsewhere	14	16
8	Non Credit Mandatory Courses [Environmental Sciences, Induction training, Indian Constitution, Essence of Indian Knowledge Tradition]	Non Credit	Non Credit

* Minor variation is allowed as per need of the respective Board of Studies.

2. Proposed semester wise distribution of courses under above categories is shown in table below. It is suggested that number of contact hours per week preferably should not exceed 25 hrs. All the Board of Studies are requested to prepare the structure of studies for minimum 154 and maximum 160 credits.

SEM.	HS*	BS*	ES*	PC*	PE*	OP	PROJ*	NC	TOTAL*
1	-	-	-	-	-	-	-	-	21
2	-	-	-	-	-	-	-	-	20
3	-	-	-	-	-	-	-	-	22
4	-	-	-	-	-	-	-	-	20
5	-	-	-	-	-	3 (3-0-0)	-	-	20
6	-	-	-	-	-	4 (3-0-2)	-	-	20
7	-	-	-	-	-	-	-	-	20
8	-	-	-	-	-	-	-	-	16
	10 - 12	21- 25	22- 24	53- 61	18- 22	7	14-16	-	

* Minor variation is allowed as per need of the respective Board of Studies.

HS = Humanities & Science, BS = Basic Science, ES = Engineering Science, PC = Professional Core Courses, PE = Programme Electives, OP = Open Electives, PROJ = Project Work, seminar and internship, NC = Non Credit Course.

3. Each Board of Studies shall offer maximum 5 theory subjects per semester in the respective B.Tech. Programme. **However, based on respective BoS recommendation, if needed a sixth theory subjects may be permitted.**
4. **Ethics & Constitution of India** – Non Credit Mandatory course should be introduced in either 5th or 6th Semester in all B.Tech. Programmes. The syllabus will be provided in due course.



AC.1819.2.3. To discuss and approve **Academic Regulations UG** (For students admitted in A.Y.2018-19 and onwards) suggested by Curriculum Development Board (CDB1819.6.2) based on the draft made by Academic Reform Committee.

After thorough discussion the Academic Regulations was unanimously approved with the corrections suggested in the meeting. The “**Academic Regulations (Major) – UG.18**” with suggested corrections is attached herewith as **ANNEXURE – II**.

AC.1819.2.4. To discuss and approve **Academic Regulations** for awarding **B. Tech. Minor degree** (For students admitted in A.Y. 2018-19 and onwards) suggested by Curriculum Development Board (CDB1819.6.3) based on the draft made by Academic Reform Committee.

After thorough discussion the Academic Regulations for Minor degree was unanimously approved. The “**Academic Regulations (Minor) – UGM.18**” with suggested corrections is attached herewith as **ANNEXURE – III**.

AC.1819.2.5. To discuss and approve **Rules for offering MOOCs Courses** as an alternate to Program Electives with transfer of Credit (For students admitted in A.Y. 2018-19 and onwards) suggested by Curriculum Development Board (CDB1819.6.4) based on the draft made by Academic Reform Committee.

After thorough discussion the Rules for offering MOOCs Courses was unanimously approved with the minor corrections. The corrected Rules for offering MOOCs courses “**MOOCs – MTR-18**” is attached herewith as **ANNEXURE – IV**.

AC.1819.2.6. To discuss and approve **Guidelines for PG programmes** (For students admitted in A.Y. 2019-20 and onwards) in line with AICTE Model Curriculum – 2018 suggested by Curriculum Development Board (CDB1819.6.5) based on the draft made by Academic Reform Committee.

All the Board of Studies are requested to prepare the structure of studies (PG) for minimum 70 and maximum 80 credits.

PG Program Credit Table as per AICTE Model

SEMESTER	PC* Program Core	PE* Program Elective	OP Open Elective	Seminar/ Minor Project/ Dissertation*	TOTAL*
1	12	08	-	-	20
2	10-12	06-08	-	2	20
3	-	3	3	10	16
4	-	-	-	16	16
Total	22-24	17-19	3	28	72

*Minor variation is allowed as per need of the respective Board of Studies.

The above guidelines for PG programme were approved.



- AC.1819.2.7. To discuss and approve **Academic Regulations for PG** Programmes as suggested by Curriculum Development Board (CDB1819.6.6) based on the draft made by Academic Reform Committee.

After thorough discussion the Academic Regulations was unanimously approved with the corrections suggested in the meeting. The “**Academic Regulations - PG.19**” with suggested corrections is attached herewith as **ANNEXURE – V**.

- AC.1819.2.8. To discuss and approve **Academic Regulations for UG (PDDC)** Programmes - (For students admitted in A.Y. 2019-20 and onwards) as suggested by Curriculum Development Board (CDB1819.6.7) based on the draft made by Academic Reform Committee.

After thorough discussion the Academic Regulations for UG (**PDDC**) was unanimously approved with the corrections suggested by the Members. The “**Academic Regulations – PT-19**” with suggested corrections is attached herewith as **ANNEXURE –VI**.

- AC.1819.2.9. To discuss and approve modified Guidelines for Project (UG) suggested by PMRC and approved by Curriculum Development Board (CDB1819.7.1 – 23.01.19).

- a) After thorough discussion, it was suggested that the Guidelines for Project (UG) for the course code CP446, EE446, EL446, ME446, PE446, EC446 & IT446 shall be exclusively separate from other project courses. The Guidelines with suggested corrections is attached as **ANNEXURE - VII**.
- b) It is further resolved that item no. 7 to 14 of Annexure – VII shall be applicable to projects other than mentioned in AC.1819.2.9 (a).
- c) It was also suggested that the rubric shall be removed from the above guidelines. The respective Board of Studies shall decide the rubric for all kind of project courses based on the general rubric as per **ANNEXURE – VIII**.

- AC.1819.2.10. To revise AR(UG)21.5.

Current Regulation:

AR(UG)21.5 Student shall undergo industrial/field training for minimum six weeks during the summer or winter vacation.

Proposed Regulation:

AR(UG)21.5 Student shall undergo industrial training / field training / Internship offered by industries /premier institutes like IITs, NITs, IIIT, etc. for minimum six weeks during the summer or winter vacation.

The revision was unanimously approved.

AC.1819.2.11. Any other item with permission of the Chair,

The following suggestions were made by the members. The suggestions were appreciated by the Chairman and the council, necessary arrangements will be made for implementation of the same in future:

- a. It is suggested to explore the possibilities and frame policy of showing the End Semester answer book to all students.
- b. It is suggested to establish the procedure to convert 10.0 CPI or 10.0 Grade point base CPI into 4.0 Grade Point base CPI due to required by some of universities and organizations. .
- c. It is suggested to explore the possibility of converting the full time PG programme to a Part time Program for 2nd year students of PG program(s), who get employment. This is to facilitate him/her to complete the research / dissertation work, while working in a industry / organization and subsequent submission of the report to the college @ his/her work at respective place.
- d. It was suggested to design the frame work to check the quality of the papers published in National / International Conferences / Journals etc.

The meeting ended with vote of thanks to the Chair,


(Dr. Vinay J. Patel)
Member secretary

To: All Members, BVM Academic Council

CC to:

1. Registrar, Gujarat Technological University for information

