

BIRLA VISHVAKARMA MAHAVIDYALAYA

VALLABBH VIDYANAGAR

(An Autonomous Institute)

Academic Council

The meeting of the Academic Council was held on Friday, 09.10.2015 at 11.00 am in the Principal's office. The following members were present

Sr. No.	Name	Designation
1.	Dr. F. S. Umrigar	Chairman, Academic Council
2.	Dr. Sanjay K. Vij	VC Nominee
3.	Dr. K. N. Mistry	VC Nominee
4.	Dr. R. C. Patel	Member from Research Institute
5.	Shri V. B. Kalyankar	Member, Industry
6.	Dr. P. M. George	Dean, Academic
7.	Dr. D. S. Vyas	for Chairman, BOS, Civil Engineering
8.	Dr. D. G. Thakor	Chairman, BOS, Computer Engineering
9.	Dr. T. D. Pawar	Chairman, BOS, Electronics Engineering
10.	Dr. A. M. Trivedi	Chairman, BOS, Production Engineering
11.	Prof. Z. A. Shah	Chairman, BOS, Information Technology
12.	Prof. M. B. Shah	Chairman, BOS, Electronics and Telecom. Engineering
13.	Dr. Indrajit Patel	Member - Professor
14.	Dr. D. M. Patel	Member - Professor
15.	Prof. A. A. Shaikh	Member - Associate Professor
16.	Dr. Snehal V. Mevada	Member - Assistant Processor
17.	Dr. H. V. Patel	Special Invitee - Associate Dean, Academics
18.	Dr. Vinay J. Patel	Special Invitee - Associate Dean, Academics
19.	Prof. R. B. Gandhi	Special Invitee - Mathematics



Minutes of the meeting held on Friday, 09.10.15 at 11.00 a.m. in the office of Principal.

Item 1 Academic Regulations

The academic regulations for UG, PG and PDDC students are thoroughly discussed and following amendments are suggested.

Regulation No.	Original Text	Corrected Text/Action												
AR(UG) 13.3	<p>The end-semester tutorial/practical examination in a course has a weightage of 40 percent of total tutorial/practical marks and continuous assessment of the same carries the remaining 60 percent of total tutorial/practical marks. Tutorial/practical work (both end-semester and continuous) shall be evaluated on the basis of several of the following instruments of assessment: observation of experimental skills, reports, oral examination, quizzes, end-semester practical examination, attendance, etc.</p> <p>Continuous assessment (tutorial/practical) scheme is given below:</p> <table border="1"> <tr> <td>Term work</td><td>30 percent (Equal weightage for every practical. At least 10 practical/ tutorial need to be performed or mini project)</td></tr> <tr> <td>Quiz /Assignment/ Viva/active learning component</td><td>30 percent</td></tr> <tr> <td>Total</td><td>60 percent</td></tr> </table>	Term work	30 percent (Equal weightage for every practical. At least 10 practical/ tutorial need to be performed or mini project)	Quiz /Assignment/ Viva/active learning component	30 percent	Total	60 percent	<p>The end-semester tutorial/practical examination in a course has a weightage of 60 percent of total tutorial/practical marks and continuous assessment of the same carries the remaining 40 percent of total tutorial/practical marks. Tutorial/practical work (both end-semester and continuous) shall be evaluated on the basis of several of the following instruments of assessment: observation of experimental skills, reports, oral examination, quizzes, end-semester practical examination, attendance, etc.</p> <p>Continuous assessment (tutorial/practical) scheme is given below:</p> <table border="1"> <tr> <td>Term work</td><td>20 percent (Equal weightage for every practical. At least 10 practical/ tutorial need to be performed or mini project)</td></tr> <tr> <td>Quiz /Assignment/ Viva/active learning component</td><td>20 percent</td></tr> <tr> <td>Total</td><td>40 percent</td></tr> </table>	Term work	20 percent (Equal weightage for every practical. At least 10 practical/ tutorial need to be performed or mini project)	Quiz /Assignment/ Viva/active learning component	20 percent	Total	40 percent
Term work	30 percent (Equal weightage for every practical. At least 10 practical/ tutorial need to be performed or mini project)													
Quiz /Assignment/ Viva/active learning component	30 percent													
Total	60 percent													
Term work	20 percent (Equal weightage for every practical. At least 10 practical/ tutorial need to be performed or mini project)													
Quiz /Assignment/ Viva/active learning component	20 percent													
Total	40 percent													
AR(UG) 15.1	<p>The overall performance of a student in a course is represented by a letter grade from AA to FF and LA with the following meaning and equivalent grade points:</p> <table border="1"> <tr> <th>LETTER GRADE</th><th>EQUIVALENT</th><th>REMARK</th></tr> </table>	LETTER GRADE	EQUIVALENT	REMARK	<p>The overall performance of a student in a course is represented by a letter grade from AA to LA with the following meaning and equivalent grade points:</p> <table border="1"> <tr> <th>LETTER GRADE</th><th>EQUIVALENT</th><th>REMARK</th></tr> </table>	LETTER GRADE	EQUIVALENT	REMARK						
LETTER GRADE	EQUIVALENT	REMARK												
LETTER GRADE	EQUIVALENT	REMARK												



GRADE POINTS			GRADE POINTS					
AA	10	Outstanding	AA	10	Outstanding			
AB	9	Excellent	AB	9	Excellent			
BB	8	Very Good	BB	8	Very Good			
BC	7	Good	BC	7	Good			
CC	6	Average	CC	6	Average			
CD	5	Below Average	CD	5	Below Average			
DD	4	Pass	DD	4	Pass			
EE	3	Conditional Pass	FF	0	Fail			
FF	0	Fail	LA	0	Low Attendance (Fail)			
LA	0	Low Attendance (Fail)						
AR(UG) 16	CONDITIONAL PASS		The committee has unanimously suggested that the provision for the conditional pass should be removed. Hence, this regulation is completely removed. The number for the subsequent regulations will also change accordingly.					
AR(UG) 16.1	The letter grade EE in a subject is qualified as "Conditional pass", and is in the nature of condonation. This letter grade is awarded to a student only if he fails to meet the minimum requirements of grade DD.							
AR(UG) 16.2	A conditional pass is sufficient to meet course pre-requisite requirements.							
AR(UG) 16.3	A student is allowed to have a maximum of one conditional pass at each level of courses. If he/ she obtains more than one conditional pass at any one level, he/ she must reappear in the end semester examination of any one of these course until he/ she is left with no more than one conditional pass at each level.							
AR(UG) 16.4	However, a student who has obtained other than letter grade EE or FF in any subject is not allowed to reappear in the end semester examination of that subject.							
AR(UG) 17.5	A student with letter grade FF should appear in end semester theory as well as practical/ viva exam and should obtain a letter grade EE or		A student with letter grade FF should appear in end semester theory as well as practical/ viva exam and should obtain a letter grade DD or					



	better (in grade points).	better (in grade points).
AR(UG) 20.1	A Semester Performance Index (SPI) of less than 3.00 in two consecutive semesters shall disqualify a student from continuing his studies. Such a student will be referred to the Academic Council. After considering the extenuating circumstances, if any, the Academic Council will decide whether the student should be allowed to continue his/ her studies, subjected to the final approval of BOG. The BOG decision shall be final and binding.	AR(UG) 19.1 A Semester Performance Index (SPI) of less than 3.00 in two consecutive semesters shall disqualify a student from continuing his studies. Such a student will be referred to the Academic Council. After considering the extenuating circumstances, if any, the Academic Council shall decide whether the student should be allowed to continue his/ her studies. The Academic Council decision shall be final and binding.
AR(UG) 21.1	For a student admitted by transfer to the B.E./ B. Tech programme after completing part of his degree requirements elsewhere or under the previous regulations, the Academic Council will decide the subjects which he/ she is deemed to have completed and will be exempted from those subjects.	For a student admitted by transfer to the B. Tech. programme after completing part of his degree requirements elsewhere or under the previous regulations, the Board of Studies (BOS) shall decide the subjects which he/ she is deemed to have completed and shall be exempted from those subjects. In the grade sheet, the exempted subjects shall be specified as "EXEMPTED".
AR(UG) 22	REQUIREMENTS FOR THE AWARD OF B.E./B. Tech. DEGREE	REQUIREMENTS FOR THE AWARD OF B. Tech. DEGREE
AR(UG) 23.1	The class awarded to a student with his B.E. degree is decided by his final CPI as per the following table : DISTINCTION - CPI not less than 8.25 FIRST CLASS - CPI less than 8.25 but not less than 6.75 SECOND CLASS - CPI less than 6.75 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.	AR(UG) 22.1 The class awarded to a student with his B. Tech. degree is decided by his final CPI as per the following table : DISTINCTION - 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.
AR(UG) 25.1	The respective board of studies shall appoint at least two examiners for end semester theory as well as practical/viva examination.	The respective board of studies shall appoint at least two examiners for end semester theory as well as practical/viva examination. For



	Amongst them, one shall be appointed as convener who shall co-ordinate the examination procedure for end semester examinations of the respective subject.	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 3 rd and 4 th 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.																																				
AR(UG) 26.2	<p>The board of studies shall appoint two examiners for the re-assessment of the end semester examination (theory) as follows</p> <ul style="list-style-type: none"> (i) One examiner from the examiners who was appointed to assess the end semester examination (theory) in respective subject. (ii) One examiner who was not appointed to assess the end semester examination (theory) in respective subject. <p>Both examiners shall re-assess the answer book/s collectively and marks awarded shall be considered as final marks for end semester theory examination for the respective subject.</p>	<p>The board of studies shall appoint two new examiners for the re-assessment of the end semester examination (theory).</p> <p>Both examiners shall re-assess the answer book/s collectively and marks awarded shall be considered as final marks for end semester theory examination for the respective subject.</p>																																				
AR(PG) 11.3	Same as AR(UG) 13.3	This regulation is changed as per changes suggested for AR(UG) 13.3																																				
AR(PG) 13.1	<p>The overall performance of a student in a course is represented by a letter grade from AA to FF and LA with the following meaning and equivalent grade points:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">LETTER GRADE</th> <th style="text-align: center;">EQUIVALENT GRADE POINTS</th> <th style="text-align: center;">REMARK</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">AA</td> <td style="text-align: center;">10</td> <td style="text-align: center;">Outstanding</td> </tr> <tr> <td style="text-align: center;">AB</td> <td style="text-align: center;">9</td> <td style="text-align: center;">Excellent</td> </tr> <tr> <td style="text-align: center;">BB</td> <td style="text-align: center;">8</td> <td style="text-align: center;">Very Good</td> </tr> <tr> <td style="text-align: center;">BC</td> <td style="text-align: center;">7</td> <td style="text-align: center;">Good</td> </tr> <tr> <td style="text-align: center;">CC</td> <td style="text-align: center;">6</td> <td style="text-align: center;">Average</td> </tr> </tbody> </table>	LETTER GRADE	EQUIVALENT GRADE POINTS	REMARK	AA	10	Outstanding	AB	9	Excellent	BB	8	Very Good	BC	7	Good	CC	6	Average	<p>The overall performance of a student in a course is represented by a letter grade from AA to LA with the following meaning and equivalent grade points:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">LETTER GRADE</th> <th style="text-align: center;">EQUIVALENT GRADE POINTS</th> <th style="text-align: center;">REMARK</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">AA</td> <td style="text-align: center;">10</td> <td style="text-align: center;">Outstanding</td> </tr> <tr> <td style="text-align: center;">AB</td> <td style="text-align: center;">9</td> <td style="text-align: center;">Excellent</td> </tr> <tr> <td style="text-align: center;">BB</td> <td style="text-align: center;">8</td> <td style="text-align: center;">Very Good</td> </tr> <tr> <td style="text-align: center;">BC</td> <td style="text-align: center;">7</td> <td style="text-align: center;">Good</td> </tr> <tr> <td style="text-align: center;">CC</td> <td style="text-align: center;">6</td> <td style="text-align: center;">Average</td> </tr> </tbody> </table>	LETTER GRADE	EQUIVALENT GRADE POINTS	REMARK	AA	10	Outstanding	AB	9	Excellent	BB	8	Very Good	BC	7	Good	CC	6	Average
LETTER GRADE	EQUIVALENT GRADE POINTS	REMARK																																				
AA	10	Outstanding																																				
AB	9	Excellent																																				
BB	8	Very Good																																				
BC	7	Good																																				
CC	6	Average																																				
LETTER GRADE	EQUIVALENT GRADE POINTS	REMARK																																				
AA	10	Outstanding																																				
AB	9	Excellent																																				
BB	8	Very Good																																				
BC	7	Good																																				
CC	6	Average																																				



	<table border="1"> <tr> <td>CD</td><td>5</td><td>Below Average</td><td>CD</td><td>5</td><td>Pass</td></tr> <tr> <td>DD</td><td>4</td><td>Pass</td><td>FF</td><td>0</td><td>Fail</td></tr> <tr> <td>EE</td><td>3</td><td>Conditional Pass</td><td>LA</td><td>0</td><td>Low Attendance (Fail)</td></tr> <tr> <td>FF</td><td>0</td><td>Fail</td><td></td><td></td><td></td></tr> <tr> <td>LA</td><td>0</td><td>Low Attendance (Fail)</td><td></td><td></td><td></td></tr> </table>	CD	5	Below Average	CD	5	Pass	DD	4	Pass	FF	0	Fail	EE	3	Conditional Pass	LA	0	Low Attendance (Fail)	FF	0	Fail				LA	0	Low Attendance (Fail)				
CD	5	Below Average	CD	5	Pass																											
DD	4	Pass	FF	0	Fail																											
EE	3	Conditional Pass	LA	0	Low Attendance (Fail)																											
FF	0	Fail																														
LA	0	Low Attendance (Fail)																														
AR(PG) 14	Same as AR(UG) 16	This regulation is changed as per changes suggested for AR(UG) 16																														
AR(PG) 15.5	A student with letter grade FF should appear in end semester theory as well as practical/ viva exam and should obtain a letter grade EE or better (in grade points).	A student with letter grade FF should appear in end semester theory as well as practical/ viva exam and should obtain a letter grade CD or better (in grade points).																														
AR(PG) 18.1	Same as AR(UG)21	This regulation is changed as per changes suggested for AR(UG) 20.1																														
AR(PG) 19.1	For a student admitted by transfer to the M.E. programme after completing part of his degree requirements elsewhere or under the previous regulations, the Academic Council will decide the course which he is deemed to have completed.	For a student admitted by transfer to the M. Tech. programme after completing part of his degree requirements elsewhere or under the previous regulations, the Board of Studies (BOS) shall decide the subjects which he/ she is deemed to have completed and shall be exempted from those subjects. In the grade sheet, the exempted subjects shall be specified as "EXEMPTED".																														
AR(PG) 20	REQUIREMNTS FOR THE AWARD OF M.E. / M. Tech. DEGREE	REQUIREMNTS FOR THE AWARD OF M. Tech. DEGREE																														
AR(PG) 20.1	To be eligible for the award of the degree of Bachelor of Engineering a student must earn a total of at least 115 credits as prescribed under his programme of studies with <ul style="list-style-type: none"> i) A minimum CPI of 4.00 and ii) Not more than one course with letter grade EE at each level. iii) No course with letter grade FF or LA at any level. 	To be eligible for the award of the degree of Bachelor of Engineering a student must earn a total of at least 115 credits as prescribed under his programme of studies with <ul style="list-style-type: none"> i) A minimum CPI of 5.00 and ii) No course with letter grade FF or LA at any level. 																														
AR(PG) 20.2	The total credits requirements for the degree of B.E./ B. Tech must be completed in not more than 12 semesters from the date of admission.	The total credits requirements for the degree of M. Tech must be completed in not more than 8 semesters from the date of admission.																														
AR(PG) 21.1	The class awarded to a student with his B.E. degree is decided by his	The class awarded to a student with his M. Tech. degree is decided by																														



	<p>final CPI as per the following table :</p> <p>DISTICTION - CPI not less than 8.25 FIRST CLASS - CPI less than 8.25 but not less than 6.75 SECOND CLASS - CPI less than 6.75 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</p> <p>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 distinction, subject to a maximum of CPI 0.10, in concurrence with rules and guidelines of AICTE/ GTU.</p>	<p>his final CPI as per the following table :</p> <p>DISTICTION - CPI not less than 8.25 FIRST CLASS - CPI less than 8.25 but not less than 6.50 ECOND 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</p> <p>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.</p>
AR(PG) 24.1	Same as AR(UG) 26.1	This regulation is changed as per changes suggested for AR(UG) 26.1
AR(PT) 12.3	Same as AR(UG) 13.3	This regulation is changed as per changes suggested for AR(UG) 13.3
AR(PT) 14.1	Same as AR(UG)15.1	This regulation is changed as per changes suggested for AR(UG) 15.1
AR(PT) 15	Same as AR(UG) 16	This regulation is changed as per changes suggested for AR(UG) 16
AR(PT) 16.5	Same as AR(UG) 17.5	This regulation is changed as per changes suggested for AR(UG) 17.5
AR(PT) 19.1	Same as AR(UG) 20.1	This regulation is changed as per changes suggested for AR(UG) 20.1
AR (PT) 21	REQUIREMNTS FOR THE AWARD OF B.E. / B. Tech. DEGREE	REQUIREMNTS FOR THE AWARD OF B. Tech. DEGREE
AR(PT) 22.1	Same as AR(UG) 23.1	This regulation is changed as per changes suggested for AR(UG) 23.1
AR(PT) 24.1	Same as AR(UG) 25.1	This regulation is changed as per changes suggested for AR(UG) 25.1
AR(PT) 25.2	Same as AR(UG) 26.2	This regulation is changed as per changes suggested for AR(UG) 26.1



Item 2 Course Structures

The committee has unanimously passed the resolution to accept the structure presented by the board of studies without any changes.

Item 3 Syllabus of the courses

The committee has unanimously accepted the syllabi of the courses passed by the respective Board of Studies with the following amendments:

- a) Lecture plan for all subjects shall be made for twelve (12) weeks of teaching.
- b) The syllabus of CC111: Basic Civil Engineering should be updated to include 50% of theory classes for the *Environment studies and Sanitation*. The board of studies shall reduce weightage of *Surveying and Building Planning* to accommodate this change.


Dean, Academics

