

1.2.2: Percentage of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented



1.2.2: Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented

Contents

1] Minutes of statutory meetings



Supporting Documents for Criteria - 1.2.2

Relevant Documents pertaining to Choose Based Credit System (CBCS) elective course system **

**Disclaimer: We are providing samples since all of the supporting documents for this criteria exceed the 6MB upload limit. If necessary, we shall provide all/any supporting documents.

registrer Manyadi University



Minutes of Meeting

Date: 13-04-20)18		Meeting No: 0	3		
Start Time: 10:00 AM		End Time: 03:00 PM		Total Time: 5 Hours		
Presented by		Dr. Sunil Soni				
Agenda – 1	Review	of curriculum structure	of Information	Technology UG Program.		
	•	Discussion for the syllab	ous redesign pro	cess according to CBCS.		
	•	Subject distribution is a	ccording to cat	egories like UC, UE, IE, PC, and PE.		
		Subject groups are base	ed on programs	where they will learn the same set		
		of subjects but in differe	ent semesters.			
Resolution	•	A category like Faculty	Core has to be	formed to accommodate subjects		
		that are industry and so	•			
		•		lower semesters whereas Program		
		Electives will be offered	_			
	•	University Electives can	be like Ethics, P	ositive Psychology, etc.		
	1					
Agenda – 2		of syllabus contents pro	-			
				content were discussed.		
		 Linux Administration should be included in the Information Technology 				
Resolution		Department.				
		Program Electives (from higher semester) are offered in such a way				
		students can choose their specialization from domains like Programming,				
		Security, Data Science, I	01, etc.			
Agenda – 3	Povision	of syllabus content.				
Agenua – 3			are revised ba	sed on the feedback given by the		
		stakeholders (Industry N		•		
Resolution		Differential And				
Resolution		Matrix Algebra	•			
		3. Statistical And N				
	<u> </u>	5. 5.6.6.6.6.7.110.1	- In the state of			
Agenda – 4	Value-a	dded courses like Orac	cle and Cisco C	Certification to be offered to the		
0	students.					
		The following certificati	on courses are t	to be offered.		
Resolution		_		ogramming with SQL.		
			_	g, and Wireless Essentials.		
	1		<u> </u>	<u>. </u>		
Agenda – 5	Courses	can be introduced the	at focus on em	ployability/entrepreneurship/skill		
	develop					

Faculty of Technology Information Technology Minutes of Meeting - Board of Studies A.Y. 2018-19

Dagalutian	 The following courses are to be offered.
Resolution	Design Thinking and Problem Solving Skills
Agenda – 6	Suggestions on making the curriculum inclined toward industrial integration.
Resolution	 Programing subjects are evaluated based on Projects. The same will be applicable to other subjects. Subjects must be taught and evaluated based on active learning. One or two courses should be taught through Independent Study during Program. (Learning-to-Learn) Self-learning platforms like SWAYAM must be encouraged. Students can take courses in other Universities or from MOOCs as well. Credit transfer for Course Certification outside the campus but relevant to Course Structure.
Agenda – 7	Any special points/advice by the members of the Board of Studies.
Resolution	 Focus on subjects like Critical Thinking, Creative Thinking, Finance for Engineers, Law for Engineers, General and Professional Ethics, World Culture, Community Services, English Literature, etc. For the 8th Semester, students must have the freedom to go for Industry Project or Technical Learning within the campus.



Meeting Attended By: External Experts

 Dr. Ketan Kotecha, Provost, Parul University



- 2. Dr. Deepk Garg, Professor, Bennett University
- 3. Dr. Amit Ganatra, Dean, Charusat
- 4. Dr. Apurva Shah,
 Professor, MS University

essor, MS University

Meeting Attended By: Marwadi University

1. Dr. R. B. Jadeja

2. Prof. Jay B. Teraiya

3. Dr. Amit Lathigara

4. Dr. Nitul Datta

5. Dr. Sunil Soni

6. Prof. Ashish Rever





MINUTES OF THE MEETING-1

Board of Studies meeting for B. Pharmacy

Date: 17-05-2018, Thursday Time: 12:00 to 14:00 Location: MA655

MEETING CONVENED BY

Dr Vipul P. Patel

Principal, Faculty of Pharmacy, Marwadi University

THE COMMITTEE MEMBERS

Present	1.	Dr Vipul P. Patel	Chairperson	Internal-1	Academia
	2.	Dr B. N. Suhagia	Member	External-1	Academia
	3.	Dr M. M. Patel	Member	External-2	Academia
	4.	Mr K. D. Patel	Member	External-3	Pharma Industry
	5.	Dr Lalji Baldaniya	Member Secretary	Internal-2	Academia

Absent	1.	E CONTRACTOR OF THE CONTRACTOR	-	-	-

Dr Vipul Patel, Principal, Faculty of Pharmacy, Marwadi University, presided over the meeting and welcomed all the distinguished members of BoS.

AGENDA UNDER DISCUSSION

1BoS1 Introduction of a new program at UG level course, B. Pharm.

Resolution A thorough conversation about beginning a new B. Pharm. course was made. All committee members agreed and expressed appreciation for the efforts made to start a new course.

1BoS2 Discuss and approve program outcomes (PO), course outcomes (CO), and programspecific outcomes (PSO)

Resolution The committee members drafted, discussed and approved the programme outcomes (PO), course outcomes (CO), and programme-specific outcomes (PSO) that are included below as Annexure-1.

1BoS3 Review and discuss the syllabus of B. Pharm. Semester-1.

After referring syllabus and guidelines prescribed by the Pharmacy Council of India (PCI), New Delhi for the implementation of the B. Pharm. syllabus (CBCS – Choice-based credit system), all members agreed to follow the syllabus pattern for B. Pharm as per PCI rules and syllabus of B. Pharm. course regulations 2014. The detailed teaching and assessment scheme with credit hours is attached as Annexure-2.

1BoS4 Discuss and approve the examination pattern for B. Pharm. course.

Resolution The credit system, examination pattern and passing criteria were entirely adopted as per the guidelines of the Pharmacy Council of India.

1BoS5 Prepare and approve a list of the examination panel for B. Pharm. course.

Resolution A list of examiners for B. Pharm. subjects that was proposed, prepared, and approved by all committee members is included below as **Annexure-3**.

1BoS6 Any other agenda with the permission of the chairperson.

Conclusion The chairperson read out the extract of a decision made during the meeting, then forwarded it and recommended it to be put up in the academic council meeting for approval.

The meeting was concluded with a vote of thanks to all the members present.

Dr Vipul P. Patel

PRINCIPAL FACULTY OF PHARMACY MARAWADI UNIVERSITY RAJKOT - 360 003.

Page 1 of 1





MINUTES OF THE MEETING-7

Board of Studies meeting for B. Pharmacy

Date: 06-08-2021, Friday

Time: 11:00 to 13:00

Location: Due to the corona pandemic a meeting was scheduled virtually on Google Meet.

MEETING CONVENED BY

Dr Lalji Baldaniya

Principal, Faculty of Pharmacy, Marwadi University

THE COMMITTEE MEMBERS

Present	1.	Dr Lalji Baldaniya	Chairperson	Internal-1	Academia
	2.	Dr B. N. Suhagia	Member	External-1	Academia
	3.	Dr M. M. Patel	Member	External-2	Academia
	4.	Dr Ramesh Parmar	Member	Internal-2	Academia
	5.	Dr Ashish Kyada	Member Secretary	Internal-3	Academia
	6.	Dr Mehul Rana	Member	Internal-4	Academia

Absent	1.	Mr K. D. Patel	Member	External-3	Pharma Industry

Dr Lalji Baldaniya, Principal, Faculty of Pharmacy, Marwadi University, presided over the meeting and welcomed all the distinguished members of BoS.

AGENDA UNDER DISCUSSION

Unconclusion

7BoS1 Review of the minutes from the most recent meeting of the BoS.

Resolution Members unanimously approved the minutes of the sixth BoS meeting without any comments or suggestions are attached as **Annexure-1**.

7BoS2 Review and discuss the syllabus of B. Pharm. Semester-7.

After referring syllabus and guidelines prescribed by the Pharmacy Council of India (PCI), New Delhi for the implementation of the B. Pharm. syllabus (CBCS – Choice-based credit system), all members agreed to follow the syllabus pattern for B. Pharm as per PCI rules and syllabus of B. Pharm. course regulations 2014. The detailed teaching and assessment scheme with credit hours is attached as **Annexure-2**.

7BoS3 Review and discuss the guidelines of the practice school module

Resolution The members deliberated on the guidelines of the practice school module and found it appropriate and approved it without any change. It is attached as **Annexure-3**.

7BoS4 Introduction of two open university elective subjects

Resolution The members deliberated on the syllabus of the proposed two subjects as open university electives were found appropriate and approved it without any change. It is attached as **Annexure-4**.

7BoS5 Consideration of review of the feedback received from various stakeholders such as students, teachers, industry experts, etc.

Resolution The chairperson highlighted that many of the recommendations and comments had already been taken into consideration in the curriculum after being taken into account by many stakeholders, including students, teachers, and industry experts. The remaining suggestions will be addressed whenever they are considered to be suitable.

7BoS6 Any other agenda with the permission of the chairperson.

The chairperson read out the extract of a decision made during the meeting, then forwarded it and recommended it to be put up in the academic council meeting for approval.

The meeting was concluded with a vote of thanks to all the members present.

Dr Lalji Baldaniya

PRINCIPAL
FACULTY OF PHARMACY
MARAWADI UNIVERSITY
RAJKOT - 360 003.





Faculty of Liberal Studies

Second Board of Studies Meeting in Bachelor of Business Administration (BOS-BBA)

Minutes

Chaired by:

Dr. Sunil Kumar Jakhoria, Professor & Dean, Faculty of Liberal

Studies

Date:

10th August' 2017

Time:

3:25 PM - 6:40 PM

Venue:

BOARD ROOM-3rd Floor

The attendees:

The following members attended the meeting:

Dr. Sunil Kumar Jakhoria,

Professor & Dean, Faculty of Business Management and Faculty of Liberal Studies

Dr. Sanjay Bhayani,

Professor, Department of Business Management, Saurashtra University, Rajkot.

Dr. Hitesh Shukla,

Professor, Deptt. of Business Management, Saurashtra University, Rajkot.

Dr. Suneet Saxena,

Professor, Faculty of Management Studies

Dr. M. Srinivas Rao,

Professor, Faculty of Management Studies

Dr. Kapil Shrimal,

Assistant Professor, FOLS and Program Coordinator B. Com & BBA(FM)

2-BOS (10-August -2017)

Page 1 of 17

Faculty of Liberal Studies Marwadi University

Rajkot - 360003, Gujarat

Prof. Paras Rughani, Assistant Professor and Program Coordinator BBA(H)

Prof. Amar Vijay Gandhi, Assistant Professor and Program Coordinator BBA.

Dr. Monica Verma, Assistant Professor and Member Secretary BoS

Agenda for discussion and approval:

Item No.BOS/02/01:To confirm the minutes of 1st meeting of BOS held on 13.08.2016.

The minutes of 1st BOS meeting held on 13.08.2016 were reviewed and confirmed as there were no comments from members.

Item No. BOS/02/02:

To report the action taken, where necessary, on the various decisions taken by the BOS in its 1st meeting held on 13.08.2016

The Board noted the action taken, where necessary, on the various decisions taken in its 1st meeting held on 13.08.2016. The Board also expressed its satisfaction on the action taken report on the various decisions taken in its 1st meeting held on 13.08.2016.

Item No. BOS/02/03: a) To consider and approve Introduction of New Programme Bachelor of Business Administration in Financial Markets

- b) To consider and approve pogramme structure, teaching and evaluation scheme, and credit distribution.
- c) To consider and approve syllabus of 1st year i.e. semester -1 & 2

Based on the feedback received from the students, industry and alumni the Programme Assessment Committee (PAC) approved and recommended the introduction of 3year **Bachelor of Business Administration in Financial Markets [BBA(FM)]**. The programme details were presented to the board members for their suggestions and approval.

2-BOS (10-August -2017)

Page 2 of 17

Minutes

Dean
Faculty of Liberal Studies
Faculty of University
Rajke, 200003, Gujarat

Conclusion:

The board reviewed and discussed the programme structure, teaching and evaluation scheme, and the syllabi of semester 1 and 2. The members suggested developing a similar course for the post graduate level. The board approved the introduction of the new programme **Bachelor of Business**Administration in Financial Markets. It was resolved as under:

"Resolved that the new program titled "Bachelor of Business Administration in Financial Markets", with 3years duration, intake of 60 students and to be introduced from academic year 2017- 18 stands approved and is recommended for presentation to the Academic Council.

Programme details are provided in- Annexure-1(a); Programme structure, teaching and evaluation scheme, and credit distribution- Annexure-1(b) and Syllabus of 1st year i.e., semester -1 & semester- II - Annexure-1(c)

Item No. BOS/02/04:

Bachelor of Business Administration (Honours) - Approval of syllabus for 2nd year i.e., semester III & IV for the batch of 2016-19 and 2017-20

BBA(H) programme was introduced in the academic year 2016-2017. The Curricula, Syllabi and Scheme of examination for the introduction of the courses offered in Semesters III and IV for the candidates admitted in the BBA(H) Programme during the academic year 2016-2017 was presented to the board members for deliberation and approval.

Conclusion:

The syllabi of semester III and IV were discussed and approved. The same to be implemented for academic year 2017- 18. It was resolved as under:

"Resolved that all the syllabi for each course stands approved and are recommended for presentation to the Academic Council. Annexure -2

Item No. BOS/02/05:

Bachelor of Business Administration - Approval of syllabus for 2nd year i.e., semester III & IV for the batch of 2016-19 and 2017-20

BBA programme was introduced in the academic year 2016-2017. The Curricula, Syllabi and Scheme of examination for the introduction of the courses offered in Semesters III and IV for the candidates

Page 3 of 17

2-BOS (10-August -2017)

Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat Minutes

Depoil Court of the Court of th

admitted in the BBA Programme during the academic year 2016-2017 was presented to the board members for deliberation and approval.

Conclusion:

The syllabi of semester III and IV were discussed and **approved**. The same to be implemented for academic year 2017- 18. It was resolved as under:

"Resolved that all the syllabi for each course stands approved and are recommended for presentation to the Academic Council. Annexure -3

Item No. BOS/02/06: :

Bachelor of Business Administration (Honors) (2017-20)

- a) Approval of revision in course structure of 1st Year i.e., Semester I & II.
- b) Approval of 1st Year syllabus after changes i.e., semester I & II

The revision in 1st year curricula, Syllabi and Scheme of examinations for the candidates admitted in the BBA(H) Programme during the academic year 2017-2018 presented to the members for discussion and approval. The details of the same are as follows:

Revision in Programme structure of 1st Year i.e. Semester I & II

for the candidates admitted in the BBA(H) Programme during the academic year 2017-2018

Comparative

Old/Existing

New/ Revised

o rai zanio ini g						
Subject Code	Subject Name	Credits	Subject Code	Subject Name	Credits	
		Sem	ester I			
04LS0101	Communication Skills-I*	4	04LS1102	Principles of Management	4	
04LS0102	Principles of Management	4	04LS1103	Micro Economics	4	
04LS0103	Micro Economics	4	04LS1104	Business Organizations & Structures	4	
Business Organizations& 04LS0104 Structures		4	04LS1105	Fundamentals of Accounting	4	
04LS0105	Fundamentals of Accounting	4	04CR0101	Career Readiness Programme**	2	
	Electives	4	04BH0101	Tally ERP 9.0**	4	

2-BOS (10-August -2017)

Page 4 of 17

Minutes

Dean

1. "Ty of Liberal Studies

Merwa i University

Rajkot - 500003, Gujarat



04LS0107	Computer Essentials	4	04LS1107	Computer Essentials	4
			04SL0102	Reading and Writing for	2
			04310102	Business***	
			04SL0103	Speaking and Presentation	2
			043L0103	Skills***	_
04LS0201	Communication Skills-II*	4	04LS1202	Cost Accounting	4
04LS0201	Communication Skills-II*	4	04LS1202	Cost Accounting	4
04LS0202	Cost Accounting	4	04LS1203	Macro Economics	4
04LS0203	Macro Economics	4	04LS1204	Organizational Behaviour	4
04LS0204	Organizational Behaviour	4	04LS0205	Statistics in Business	4
04LS0205	Statistics in Business	4	04LS1206	E-Commerce	4
		4	04LS0212	Applications of	2
04LS0206	E-Commerce		0.1200212	Spreadsheet***	: f= (

04BH0201

04SL0152

04SL0153

2

4

04BB0106 Mathematics for Business

Corporate Communication

English for Workplace***
English through Films***

& Etiquette***

2

2

2

Note:

04LS0210

04LS0211

1. * Courses discontinued

Career Readiness

Programme **

Tally ERP 9**

04LS0106 Business Mathematics

- 2. ** shifted to semester I
- 3. *** courses introduced

Introduction of New Courses

Reason for Introduction of New Courses — Batch: 2017-2019

Course Name	Feedback from stakeholders	Rational	Action to be taken
Reading and Writing for	Recommendation	To make learning of	RWB & SPS to
Business (RWB)	from the	English easy and	be offered as
3 35	Communication	interesting. Give	elective course
Speaking and Presentation	Department of the	scholars coming from	in semester-I
Skills (SPS)	University.	varied background to	
English for Medeplace (EIAA)	163	learn English the way it	EW & ETF to be
English for Workplace (EW)		suits them and focus on	offered as
English through Films (ETF)		what they lack. For eg., a student already has good written English but is not good in	elective course in semester-II

2-BOS (10-August -2017)

Dean Page 5 of 17
Faculty of Liberal Studies
Marwadi University
Rocket 380000, Gujarat

54

		presentation then such a student can opt for course of SPS rather than RWB.	
Applications of Spreadsheet	Suggestion from Programme coordinator	Most of the job openings require spreadsheet and word-processing software skills. Knowledge of excel will help Organize data in an easy-to-navigate way, Do basic and complex mathematical functions, Analyze data and make forecasting predictions and many more things	To be offered as core course in semester-II
Corporate Communication & Etiquette	Suggestion from Programme coordinator	Corporate Communication & etiquette training is useful for teaching graduates to act in ways that will create a positive public image and help build a company's brand. It gives confidence too.	To be offered as Value added course in semester-II

Details of the new courses introduced:

Name of the Programme	Name of the Course	Semester	Batch	Year of Introduction
BBA(Hons)	Reading and Writing for Business	ſ	2017-20	2017-18
	Speaking and Presentation Skills	I	2017-20	2017-18

2-BOS (10-August -2017)

Page 6 of 17

- O N

Minutes

Dean
Faculty of Liberal Studies
Marwadi Unimosity
Rajkot - 360003, __jarat

English for Workplace	П	2017-20	2017-18
English through Films	II	2017-20	2017-18
Applications of Spreadsheet	11	2017-20	2017-18
Corporate Communication & Etiquette	11	2017-20	2017-18

Revision in the syllabus of the course

Reason for Revision

Course Name	Feedback from stakeholders	Rational	Action to be taken	
Principles of Management	The subject faculty was of opinion that the existing course is covering topics already read by the student in 12th std. and there are no advance level topics.	Will help student to learn over and above the knowledge he/she already has.	Principles of Management course revised	
Micro Economics	Faculty felt the need to add few topics that were not there	Essential to be known at the UG level.	Micro Economics course revised	
Business Organizations & Structures	Faculty feedback. The course was too basic and need was felt to add topics giving students knowledge of contemporary business organizations	Important to understand the changed and new for of business organizations.	Business Organizations & Structures course revised	
Fundamentals of Accounting	Faculty feedback to make the course content relevant to the BBA programme	Student of business administration need to acquite different set of knowledge when compared to commerce graduate.	Fundamentals of Accounting course revised	

2-BOS (10-August -2017) Dean

Dean
Faculty of Liberal Strage 7 of 17
Marwadi University
Rajkot - 360003, Gujarat

Computer Essentials	Faculty feedback to remove theoretical component and add more of MS office.	Impart greater skills that help in employability	Computer Essentials course revised	
Cost Accounting	Faculty feedback to make the course content relevant to the BBA programme. And the course was too lengthy to be completed in allotted time.	Student of business administration need to acquire different set of knowledge when compared to commerce graduate.	Cost Accounting course revised	
Macro Economics	Faculty felt the need to add few topics that were not there.	Essential to be known at the UG level.	Macro Economics course revised	
Organizational Behaviour	Faculty feedback to incorporate topics relevant at UG level	differentiate it from the PG course	Organizational Behaviour course revised	
E-Commerce	Faculty feedback to remove theoretical component.	Impart greater skills that help in employability	E-Commerce course revised	

Revision & shifting from one semester to other

Reason for Shifting & Revision

Course Name	Feedback from stakeholders	Rational	Action to be taken	
Career Readiness Programme	Proposed by programme coordinator and reviewed in the PAC meeting	Shifting of the course is required for the program structure.	Career Readiness Programme course revised and shifted.	
Tally ERP 9.0 Proposed by program coordinator and review in the PAC meeting		Shifting of the course is required so the students while learning basic accounting can apply it in	Tally ERP 9.0 shifted without any revision.	

2-BOS (10-August -2017)

Page 8 of 17

Minutes

Dean
Faculty of Liberal Studies
M. ""I University
Rajkus 202303, Gujaral

computerized form.	

Details of the courses shifted

Course Name	Semester		Batch	Year of Introduction	
	From	То			
Career Readiness Programme	11	ı.	2017-20	2017-18	
Tally ERP 9.0	11	1	2017-20	2017-18	

Courses Discontinued

Course Name	Feedback from stakeholders	Rational	Action to be taken
Discontinue course on Communication Skills in semester 1 & 2	PAC	To incorporate courses- Reading and Writing for Business, Speaking and Presentation Skills, English for Workplace and English through Films in the programme structure.	Discontinue from batch of 2017-20.

Conclusion:

The board deliberated on the proposal. The introduction of courses designed to make learning of English effective -Reading and Writing for Business, Speaking and Presentation Skills, English for Workplace and English through Films. Similarly, the inclusion of courses like Tally ERP 9.0, Applications of Spreadsheet, Corporate Communication & Etiquette, Fundamentals of Digital Marketing etc., were applied as the members felt that the programme catered to the current market needs and offer industry specific skills accordingly it was resolved as under:

"Resolved that all the revision in course structure of 1st Year BBA(H) programme, courses, syllabi and teaching and evaluation scheme for each course stands approved and is recommended for presentation to the Academic Council."

(Annexure 4- Approved syllabi of 1st Year i.e., semester I, &II)

2-BOS (10-August -2017) Dean
Faculty of Liberal St.Page 9 of 17
Manwaci University
Facility - 560000, Gujarat

Item No. BOS/02/07: Bachelor of Business Administration (2017-20)

- a) Approval of revision in course structure of 1st Year i.e., Semester I & II.
- b) Approval of 1st Year syllabus after changes i.e., semester I & II

The revision in 1st year curricula, Syllabi and Scheme of examinations for the candidates admitted in the BBA Programme during the academic year 2017-2018 presented to the members for discussion and approval.

Revision in course structure of 1st Year i.e., Semester I & II

for the candidates admitted in the BBA Programme during the academic year 2017-2018

Comparative

O	$ \mathbf{d} $	Ex	ist	ina

New/ Revised

Subject Code	Subject Name	Credits	Subject Code	Subject Name	Credits
		Sem	ester I		
04LS0101	Communication Skills-I*	4	04LS1102	Principles of Management	4
04LS0102	Principles of Management	4	04LS1103	Micro Economics	4
04LS0103	Micro Economics	4	04LS1104	Business Organizations & Structures	4
04LS0104	Business Organizations& Structures	4	04LS1105	Fundamentals of Accounting	4
04LS0105	Fundamentals of Accounting	4	04CR0101	Career Readiness Programme**	2
	Electives				
04LS0106	Business Mathematics	4	04BB0106	Mathematics for Business	4
04LS0107	Computer Essentials	4	04LS1107	Computer Essentials	4
			04SL0102	Reading and Writing for Business***	2
		le:	04SL0103	Speaking and Presentation Skills***	2

Semester II

04LS0201	Communication Skills-II*	4	04LS1202	Cost Accounting	4

2-BOS (10-August -2017)

Page 10 of 17

Dean
Faculty of Little of Charles
Marwaul Coloresty
Rajkot-360000, Sujeral

04LS0202	Cost Accounting	4	04LS1203	Macro Economics	4
04LS0203	Macro Economics	4	04LS1204	Organizational Behaviour	4
04LS0204	Organizational Behaviour	4	04LS0205	Statistics in Business	4
04LS0205	Statistics in Business	4	04LS1206	E-Commerce	4
04LS0206	E-Commerce	4	04LS0212	Applications of Spreadsheet***	2
04LS0210	Career Readiness Programme **	2			
		4	04SL0152	English for Workplace***	2
			04SL0153	English through Films***	2

Note:

- 1. * courses discontinued
- 2. ** shifted to semester I
- 3. *** courses introduced

Introduction of New Courses

Reason for Introduction of New Courses — Batch: 2017-2019

Course Name	Feedback from stakeholders	Rational	Action to be taken
Reading and Writing for Business (RWB)	Recommendation from the Communication Department of the	To make learning of English easy and interesting. Give	RWB &SPS to be offered as elective course
Speaking and Presentation Skills (SPS)	university.	scholars coming from varied	in semester-I
English for Workplace (EW)		background to learn English the way it	EW & ETF to be
English through Films (ETF)		suits them and focus on what they lack. For eg., a student already has good written English but is not good in presentation then such a student can opt for course of SPS rather than RWB.	offered as elective course in semester-II
Applications of Spreadsheet	Suggestion from	Most of the job openings require	To be offered as core course in

2-BOS (10-August -2017)

Page 11 of 17

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

Programme coordinator	spreadsheet and word-processing software skills. Knowledge of excel will help Organize data in an easy-to-navigate way, Do basic and complex mathematical functions, Analyze data and make forecasting predictions and many more things	semester-II
-----------------------	---	-------------

Details of the new courses introduced:

Name of the Programme	Name of the Course	Semester	Batch	Year of Introduction
BBA	Reading and Writing for Business	1	2017-20	2017-18
	Speaking and Presentation Skills	1	2017-20	2017-18
	English for Workplace	11	2017-20	2017-18
	English through Films	II	2017-20	2017-18
	Applications of Spreadsheet	II	2017-20	2017-18

Revision in the syllabus of the course

Reason for Revision

Course Name	Feedback from	Rational	Action to be
	stakeholders		taken

2-BOS (10-August -2017)

Page 12 of 17

Minutes

SIGN OF SECTION

Tent of - 360003 or plant

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

Principles of Management	The faculty as it was opinioned that the existing course is covering topics already read by the student in 12th . there are no advance level topics.	Will help student to learn over and above the knowledge he/she already has.	Principles of Management course revised
Micro Economics	Faculty felt the need to add few topics that were not there	Essential to be known at the UG level.	Micro Economics course revised
Business Organizations & Structures	Faculty feedback. The course was too basic and need was felt to add topics giving students knowledge of contemporary business organizations	Important to understand the changed and new for of business organizations.	Business Organizations & Structures course revised
Fundamentals of Accounting	Faculty feedback to make the course content relevant to the BBA programme	Student of business administration need to acquite different set of knowledge when compared to commerce graduate.	Fundamentals of Accounting course revised
Computer Essentials	Faculty feedback to remove theoretical component and add more of MS office.	Impart greater skills that help in employability	Computer Essentials course revised
Cost Accounting	Faculty feedback to make the course content relevant to the BBA programme. And the course was too lengthy to be completed in allotted time.	Student of business administration need to acquire different set of knowledge when compared to commerce graduate.	Cost Accounting course revised
Macro Economics	Faculty felt the need to add few topics that were not there.	Essential to be known at the UG level.	Macro Economics course revised
Organizational Behaviour	Faculty feedback to	differentiate it from	Organizational

2-BOS (10-August -2017)ean Page 13 of 17
Faculty of Liberal Studies
Marwadi University Rajkot - 360003, Gujarat



	incorporate topics relevant at UG level	the PG course	Behaviour course revised
E-Commerce	Faculty feedback to remove theoretical component.	Impart greater skills that help in employability	E-Commerce course revised

Revision & shifting from one semester to other

Reason for Shifting & Revision

Course Name	Feedback from stakeholders	Rational	Action to be taken
Career Readiness Programme	As reviewed in the Department meeting	Shifting of the course is required for the program structure.	Career Readiness Programme course revised and shifted.

Details of the courses shifted

Course Name	Semester		Batch	Year of Introduction
	From	То		introduction
Career Readiness Programme	II	1	2017-20	2017-18

Courses Discontinued

Course Name	Feedback from stakeholders	Rational	Action to be taken
Discontinue course on Communication Skills in semester 1 & 2	PAC	To incorporate courses- Reading and Writing for Business, Speaking and Presentation Skills, English for Workplace and English through Films in the programme structure.	Discontinue from batch of 2017-20.

2-BOS (10-August -2017)

Page 14 of 17

Faculty of Liberal Facilies Maxwadi University Indicat - 360003, Gujarat

Conclusion:

The board deliberated on the proposal.

The Members reviewed the periodical updation of the course syllabi that offer industry specific skills. The introduction of courses designed to make learning of English effective -Reading and Writing for Business, Speaking and Presentation Skills, English for Workplace and English through Films. Similarly, the inclusion of course Applications of Spreadsheet, Fundamentals of Digital Marketing, etc., were applauded as the members felt that the programme catered to the current market needs and accordingly it was resolved as under:

"Resolved that all the revision in course structure of 1st Year BBA courses, syllabi and teaching and evaluation scheme for each course stands approved and is recommended for presentation to the Academic Council."

(Annexure 5- Approved syllabi of 1st Year i.e., semester I, &II)

Item No. BOS/02/08: Non-Credit courses in addition to the courses included in the Programme Structure of BBA, BBA(Hons) and BBA(FM).

The Board was informed that based on the feedback from the industry experts, the PAC proposed certification courses which a student has to complete in addition to the regular courses included in the programme structure of BBA, BBA(H) and BBA(FM). These courses are incorporated to enhance the skills and abilities of the scholars. These courses are applicable from the batch of 2016 -19 for BBA and BBA(H) Following courses were proposed:

a) Corporate Etiquettes

Semester III Semester IV

b) Corporate Correspondence

Semester V

c) Personal Finance

d) SPSS

Semester VI

The board reviewed the proposed courses and after due deliberation approved the same and resolved:

"Resolved that all the four course titles and the syllabi stand approved and is recommended for presentation to the Academic Council."

Annexure 6

Item No.BOS/02/09:

To consider and approve PEO, PO and PSO of Bachelor of Business Administration (BBA), Bachelor of Business Administration

2-BOS (10-August -2017)

Page 15 of 17

Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

(Honours) (BBA(H)) and Bachelor of Business Administration (Financial Markets) (BBA(FM)).

The Proposed Programme Educational Objectives, Programme Outcomes and Programme Specific outcomes were presented before the board. The members were informed that the feedback from the industry, faculty and students was taken before finalizing the PEOs, POs and PSOs for BBA, BBA(H) and BBA(FM). The same are presented as below:

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- PEO 1: To provide knowledge in the management discipline with an understanding of its applicability in business decision-making for positive social impact.
- PEO 2: To comprehend the challenges and opportunities of leading and working in inclusive and diverse teams and environments.
- PEO 3: To be able to identify, analyze and recommend appropriate actions given international influences, issues, and situations at the industry, business, and individual levels
- PEO 4: To demonstrate an understanding and appreciation of ethical principles at both the personal and professional levels.
- PEO 5: To engage in life-long learning through research adopting contemporary modes of learning.

PROGRAM LEARNING OUTCOMES (PLOs)

- PLO 1: To define, analyze, and devise solutions for structured and unstructured business problems and issues using cohesive and logical reasoning methods.
- PLO2: To demonstrate competence in domestic and global business through the study of major disciplines within the fields of business.
- PLO3: To develop an ability to function effectively as an individual and as a member or leader in diverse teams and multidisciplinary settings.
- PLO4: To demonstrate comprehensive knowledge and understanding of various areas of management PLO5: To be able to demonstrate domain-specific skills to solve critical issues of the concerned domain.
- PLO6: To recognize the need for, and have the ability to engage in independent and lifelong learning.
- PLO7: To train the students as efficient managers equipped with innovation, rationality, and application-oriented decision-making in the context of the ever-changing business environment.
- PLO8: To understand the impact of the professional solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- PSO 1: To be able to gain an understanding, of the legal, financial, marketing, production & operational activities of the business.
- PSO2: To be able to demonstrate the ability to develop models/frameworks to reflect critically on a specific business context.
- PSO3: To be able to apply their theoretical learnings in the business setting and achieve maximum industry exposure through live projects, internships, and workshops.

2-BOS (10-August -2017)

Page 16 of 17

Faculty of Liber 2002 ANS Marwadi University Ralkot - 360003, Gujarat

The Board reviewed the proposed PEOs, Pos and PSOs and approved the same for BBA, BBA(H) and BBA(FM). And resolved:

"Resolve that Item No.BOS/02/09 is approved (to be applicable from batch of 2016-19 for BBA and BBA(H)) and is recommended to be presented to the Academic Council" Annexure 7

Item No. BOS/02/10: Discussion on Programme Outcome and Course Outcome attainment

The Board was informed that an analysis of CO attainment revealed that the targets set for the academic year 2016-17 at 40%, have been achieved.

Since the CO attainment for BBA and BBA(H) is well above the target, a revised target of 42% for CO attainment was proposed by PAC.

The Board noted the attainment levels for year 2016-17 and after due deliberations approved that CO attainment targets for year 2017-18 be set at 42%.

Resolved to approve and recommend the same to the Academic Council.

Item No. BOS/02/11: Stakeholders Feedback

The Board was informed that the new programme BBA(FM) and the Programme Structure have been framed after take in account the feedback collected by PAC from industry, academia experts, faculty, students and the alumni. The revision in the courses has also been done taking into account the feedback of the stakeholders.

The Board noted with satisfaction the suggestions received and actions taken on them.

There being no other business, the meeting ended with a vote of thanks to all present.

(Dr. Monica Verma)

Member Secretary BOS.

(Dr. Sunil Kumar Jakhoria)

Chairman

Dean
Faculty of Liberal Studies

Marwadi University Rajkot - 360003, Gujarat

2-BOS (10-August -2017)

Page 17 of 17





Faculty of Liberal Studies

Third Board of Studies Meeting in Bachelor of Business Administration (BOS- BBA)

Minutes

Chaired by:

Dr. Sunil Kumar Jakhoria, Professor & Dean, Faculty of Liberal

Studies

Date:

Saturday 26th May 2018

Time:

4:00 PM - 5:00 PM

Venue:

BOA

RD ROOM-3rd Floor

The attendees:

Dr. Sunil Kumar Jakhoria,

Professor & Dean, Faculty of Liberal Studies and Faculty of

Business Management

Dr. Sanjay Bhayani,

Professor, Department of Business Management, Saurashtra

University, Rajkot.

Chairperson

Member, External

Academia

Mr. Murali Prashad,

Managing Director, Head Hunt HR Consultants Pvt Ltd.

Special Invitee

Dr. M. Srinivasa Rao

Professor.

Special Invitee

Prof. Paras Rughani,

Assistant Professor and Program Coordinator BBA(H)

Special Invitee

Dr. Alpesh Gajera

Assistant Professor and Program Coordinator BBA(FM)

Special Invitee

Dr. Monica Verma,

Assistant Professor and Member Secretary BoS

Member Secretary

3-BOS (26th May 2018)

Page 1 of 4

July 2 000

[Minutes]

Dean
Faculty of Liberal Studies
Marwadi University

Rajkot - 360003, Gujarat

The leave of absence was granted to:

Dr. Karunesh Saxena,

Special Invitee

Director, Faculty of Management Studies, Mohanlal Sukhadia

University, Udaipur.

Dr. Hitesh Shukala,

Member, External

Professor, Deptt. of Business Management, Saurashtra

University, Rajkot.

Academia

Prof. Sunil Kumar Jakhoria, Chairman BOS and Dean, Faculty of Liberal Studies Chaired the meeting and welcomed all the members to the third BOS meeting. The Chairman further expressed special thanks to Dr. Sanjay Bhayani and Mr. Murali Prashad for sparing the time from their busy schedule to attend the meeting.

After that the agenda items were taken up and the Board decided/ recommended as under: -

Item No.BOS/03/01: To confirm the minutes of 2nd meeting of BOS held on 10.08.2017.

The minutes of 2nd BOS meeting held on 10.08.2017 were reviewed and confirmed as there were no comments from members.

Item No. BOS/03/02:

To report the action taken, where necessary, on the various decisions taken by the BOS in its 2nd meeting held on 10.08.2017

The Board noted the action taken, where necessary, on the various decisions taken in its 2nd meeting held on 10.08.2017. And expressed its satisfaction on the action taken report on the various decisions taken in its 2nd meeting held on 10.08.2017.

Item No.BOS/03/03:

To consider and approve the syllabi of 3rd year i.e., semester V & VI of Bachelor of Business Administration for batch of 2016-19 and 2017-20

THE SECOND YEAR IN

The Board went through the scheme and syllabus of 3^{rd} year i.e., semester V & VI. Their suggestions are noted as given below:

- a) Add Credit at the top of each syllabus
- b) Use curriculum in place of Syllabus and Course in place of Subject as proposed by UGC.
- c) Insert details regarding Elective and Specialization courses i.e., CBCS to be incorporated in all the Programmes.
- d) Try and incorporate learning outcome in each unit
- e) Bifurcate the course content into Theory and Practical.
- f) Add specific case studies, List of speakers, Projects, skill imparted or to be imparted.

3-BOS (26th May 2018)

Page 2 of 4

[Minutes]

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat "Resolved that the syllabus as noted above stands approved and is recommended for presentation to the Academic Council after incorporating the changes", Annexure 1

Item No.BOS/03/04:

To consider and approve the syllabi of 3rd year i.e., semester V & VI of Bachelor of Business Administration (Hons) for batch of 2016-19 and 2017-20

The Board went through the scheme and syllabus of 3rd year *i.e.*, semester V & VI. Their suggestions are noted as given below:

- a) Add Credit at the top of each syllabus
- b) Use curriculum in place of Syllabus and Course in place of Subject as proposed by UGC.
- c) Insert details regarding Elective and Specialization courses ie., CBCS to be incorporated in all the Programmes.
- d) Try and incorporate learning outcome in each unit
- e) Bifurcate the course content into Theory and Practical.
- f) Add specific case studies, List of speakers, Projects, skill imparted or to be imparted.
- g) Change the names of the course's social media marketing to Digital Marketing as the course name does not justify the content, and Recruitment and selection to Talent Hunt

"Resolved that the syllabus as noted above stands approved and is recommended for presentation to the Academic Council after incorporating the changes" Annexure 2

Item No.BOS/03/05:

To consider and approve the syllabus for 2nd year i.e., semester III & IV of Bachelor of Business Administration (Financial Markets)- (2017-20)

The Board went through the scheme and syllabus of 2nd year *i.e., semester III & IV. Their* suggestions are noted as given below:

- a) Add Credit at the top of each syllabus
- b) Use curriculum in place of Syllabus and Course in place of Subject as proposed by UGC.
- c) Insert details regarding Elective and Specialization courses i.e., CBCS to be incorporated in all the Programmes.
- d) Try and incorporate learning outcome in each unit
- e) Bifurcate the course content into Theory and Practical.
- f) Add specific case studies, List of speakers, Projects, skill imparted or to be imparted.
- g) Change the names of the course's social media marketing to Digital Marketing as the course name does not justify the content, and Recruitment and selection to Talent Hunt

"Resolved that the syllabus as noted above stands approved and is recommended for presentation to the Academic Council after incorporating the changes". Annexure 3

3-BOS (26th May 2018)

Page 3 of 4

[Minutes]

Pean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

Item No. BOS/03/06: Discussion on Programme Outcome and Course Outcome attainment

The Board was informed that an analysis of CO attainment revealed that the targets set for the academic year 2017-18 at 42%, have been achieved.

Since the CO attainment is well above the target, a revised target of 44% for CO attainment was proposed by PAC.

The Board noted the attainment levels for year 2017-18 and after due deliberations approved that CO attainment targets for year 2018-19 be set at 44%.

Resolved that Item No. BOS/03/06 is approved and recommend the same to the Academic Council.

Item No. BOS/03/07: : Stakeholders Feedback

The Board was informed that all the courses content has been designed base on the feedback collected by PAC from industry, academia experts, faculty, students and the alumni. The feedbacks received were incorporated in the curriculum.

The Board noted with satisfaction the feedback received and their incorporation in curriculum.

There being no other matter, the meeting was concluded with a vote of thanks to the chair and the members present.

(Dr. Monica Verma) Member Secretary BOS. (Dr. Sunil Kumar Jakhoria) Chairman

Rajkot-360003, Gujarat



Faculty of Liberal Studies

Fourth Board of Studies Meeting in Bachelor of Business Administration (BOS-BBA)

Minutes

Chaired by:

Dr. Sunil Kumar Jakhoria, Professor & Dean, Faculty of Liberal

Studies

Date:

Saturday 15th June 2019

Time:

3:00 PM - 6:00 PM

Venue:

BOARD ROOM-3rd Floor

Minutes of the Fourth Board of Studies in BBA, Faculty of Liberal Studies held on 15th June, 2019 at 03.00 p.m. in the Board Room-3rd Floor Marwadi Campus.

The attendees:

The following members attended the meeting:

Dr. Sunil Kumar Jakhoria,

Professor & Dean, Faculty of Liberal Studies and Faculty of

Business Management.

Chairperson

Dr. Sanjay Bhayani,

Professor, Department of Business Management, Saurashtra

University, Rajkot.

Member, External

Academia

Dr. Hitesh Shukla,

Professor, Deptt. of Business Management, Saurashtra

University, Rajkot.

Member, External

Academia

Dr. M.Srinivasa Rao,

Professor, Faculty of Management Studies

Member

Prof. Paras Rughani,

Assistant Professor and Program Coordinator BBA(H) & BBA(FM)

Member

Dr. Monica Verma

Assistant Professor and Member Secretary BoS

Member Secretary

4-BOS (15-June-2019)

Page 1 of 10

Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

Prof. Sunil Kumar Jakhoria, Dean, Faculty of Liberal Studies Chaired the meeting and welcomed the members for attending the 4th BOS meeting. The Chairman further expressed special thanks to Dr. Sanjay Bhayani and Dr. Hitesh Shukla for their valuable presence. He also briefed them about the progress of the faculty.

After that, the agenda items listed were taken up for discussion and the following resolutions were passed.

Item No.BOS/04/01:

To confirm the minutes of 3rd meeting of BOS held on 26th May'2018.

The minutes of 3rd BOS meeting held on 26th May, 2018 were circulated among the BOS members. Since no comment were received, the BOS approved the minutes of the 3rd BOS meeting.

Item No.BOS/04/02:

To report the action taken, where necessary, on the various decisions taken by the BOS in its 3rd meeting held on 26.05.2018

As part of the action taken on the resolutions of Third BOS meeting the members were informed that actions have been take on all the suggestions except bifurcate the course content into Theory and Practical and incorporating learning outcome in each unit; which is in process. The Board noted the action taken, where necessary, on the various decisions taken in its 3rd meeting held on 26.05.2018 and expressed their satisfaction.

Item No.BOS/04/03:

To consider and approve introduction of course titled "Career Readiness Program", its syllabus and scheme of evaluation in semester V of BBA (Financial Markets)

The members were informed about the introduction of 2 credit course titled "Career Readiness Program" to prepare the students for industry. The course title and syllabus were presented to the members for their suggestions and approval. The details are as follows:

Comparative

Existing				Revised	
Course Code	Course Name	Credits	Course Code	Course Name	Credits
04BB0503	Project Management	4	04BB0503	Project Management	4
04BF0501	Business and Corporate	4	04BF0501	Business and Corporate	4

4-BOS (15-June-2019)

Page 2 of 10

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

	Laws			Laws	
04BF0502	Foundation of Financial Mathematics	4	04BF0502	Foundation of Financial Mathematics	4
04BF0503	Management Information Systems	4	04BF0503	Management Information Systems	4
04BF0504	Wealth Management	4	04BF0504	Wealth Management	4
04BF0505	Derivative Market Operations	4	04BF0505	Derivative Market Operations	4
04BF0506	Summer Internship Project	2	04BF0506	Summer Internship Project	2
			04CR0501	Career Readiness Program	2
	Total semester Credits	26		Total semester Credits	28

Reason for Introduction of New Courses — Batch: 2017-2019

Course Name	Feedback from stakeholders	Rational	Action to be taken
Career Readiness Programme	Proposed by programme coordinator and reviewed in the Programme Academic Committee meeting	As in the entire programme structure there was no such course in offering	To be offered as ability enhancement course in semester V

Details of the new courses introduced:

Name of the Programme	Name of the Course	Semester	Batch	Year of Introduction
BBA(FM)	Career Readiness Programme	V	2017-20	2019-20

The BOS discussed the item and expressed its satisfaction and finally resolved as under:

"Resolved that the course title, syllabus, scheme of evaluation and subsequent changes in the credits of semester – V of BBA (Financial Markets) stand approved and is recommended for presentation to the Academic Council". Annexure -1

Item No.BOS/04/04:

To consider and approve syllabus of semester V & VI of BBA (Financial Markets)

The BOS discussed the item and approved the syllabuses of semester V&VI and resolved as under:

4-BOS (15-June-2019) Dean

Page 3 of 10

Minutes

Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat "Resolved that the semester V & VI syllabus stands approved and is recommended for presentation to the Academic Council". Annexure 2

Item No.BOS/04/05:

To consider and approve introduction of two new specializations namely; Banking & Insurance, International Business in BBA(Hons); and the courses of reading in the same and their course content.

The Members were briefed about the proposal to introduce two new specializations namely; Banking & Insurance, International Business to the students admitted in 2017-18 w.e.f. 2019 to BBA(Hons) students and the courses to be taught in each of the specialization.

Introduction of New Specialization & Courses of teaching in each

Reason for Introduction of New Specializations & courses for teaching — Batch: 2017-2019 w.e.f. 2019

Specialization Name	Feedback from stakeholders	Rational	Action to be taken
International Business	Industry, Students and Faculty; and deliberation at PAC	To provide students with the skills and experience needed to advance careers in foreign trade and impart knowledge to expand business overseas.	Introduced as specialization from the batch of 2017-20 w.e.f. 2019
Banking & Insurance	Industry, Students and Faculty; and deliberation at PAC	To provide students with the skills and experience needed to advance careers in the fast-growing finance industry.	Introduced as specialization from the batch of 2017-20 w.e.f. 2019

Details of the new courses introduced in each specialization:

Faculty of Liberal Stuffes

Name of the	Name of the Course	Semester	Course	Batch	Year of
Programme & Specialization			Credit		Introduction

4-BOS (15-June-2019)

Page 4 of 10

54

BBA(Hons)& International	(International Marketing)	V	4	2017-20	2019-20
Business	International Human Resource Management	V	4	2017-20	2019-20
	Fundamentals of International Business	V	3	2017-20	2019-20
	International Supply Chain Management	VI	4	2017-20	2019-20
	International Trade Finance & Forex Risk Management	VI	3	2017-20	2019-20
BBA(Hons) & Banking & Insurance	Modern Banking Theory & Practices	V	4	2017-20	2019-20
	Financial Analysis & Risk Management in Banks	V	4	2017-20	2019-20
	Fundamentals of Operational Banking	V	3	2017-20	2019-20
	Rural Banking and Micro Finance	VI	4	2017-20	2019-20
	Investment Banking & Insurance	VI	3	2017-20	2019-20

The BOS reviewed the proposed specializations, courses of teaching and syllabi. Same was approved and resolved as under

"Resolved that the new specializations and the course of teaching along with the syllabi stand approved and is recommended for presentation to the Academic Council". Annexure 3

Item No.BOS/04/06:

To consider and approve revision in the course content of Tally ERP 9. (04BH0101) in semester-5 of BBA(Hons)

The members were presented with details of revision in the syllabus of the course *Tally ERP 9*. The details are as follows:

Reason for Revision

Course Name	Feedback from	Rational	Action to be
	Dean Faculty of Liberal Studge 5 of 10 Marwadi University Rajkot - 360003, Gujarat	5-	Minutes

	stakeholders		taken
Tally ERP 9. (04BH0101) in BBA(Hons)	The subject faculty recommended the revision as the existing course content was too elementary and there is need to expand the content. And to use updated and latest version of tally that adds up the latest updates of the accounts or taxation policy like removing VAT and introducing GST. The suggestion was deliberated by PAC and accepted for presentation to the BoS	Will help student to acquire more understanding of tally and have hands on latest version so as to be market ready	Tally ERP 9. course revised

Details of the courses revised

Course Name	Semester	Batch	Year of Revision
Tally ERP 9. (04BH10101)	1	2019-22	2019-20

The BOS reviewed the item and resolved as under:

"Resolved that the suggested modification stand approved and is recommended for presentation to the Academic Council". Annexure 4

Item No.BOS/04/07:

To consider and approve Converting Corporate Communication & Etiquette (04BH0201) from credit to noncredit course in BBA(Hons)

The board was informed that the course titled "Corporate Communication & Etiquette (04BH0201)" was taught as a 2-credit course in semester 2 of BBA(H) but there is recommendation to convert it into a non-credit certification course for students admitted in 2019-20.

4-BOS (15-June-2019)

Page 6 of 10

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

Course Name	Feedback from stakeholders	Rational	Action to be taken
Corporate Communication & Etiquette (04BH0201) in BBA(Hons)	The Learning and Development department recommended converting it into a certificate course and it should be delivered in a form of workshop to make it effective rather as a regular course. The suggestion was deliberated by PAC and accepted for presentation to the BoS	It will be more effective and the expected outcomes can be attained.	Convert Corporate Communication & Etiquette (04BH0201) from credit to non- credit course.

The BOS reviewed and approved the recommendation of converting course title "Corporate Communication & Etiquette (04BH0201)" from credit to non-credit course w.e.f., 2019 and resolved as under

Resolved that the suggested change stand approved and is recommended for presentation to the Academic Council". Annexure 5

Item No.BOS/04/08:

To consider and approve introduction of course titled "Understanding of Corporate Financial Statements" and its syllabus in BBA & BBA(Hons) semester V

The members were informed that course titled "Understanding of Corporate Financial Statements" will replace the courses titled Brand India: From Local to Global (04BB0504) in semester V of BBA & BBA(Hons) for the students admitted in 2019-20.

Course Name	Feedback from stakeholders	Rational	Action to be taken
Understanding of Corporate Financial Statements in semester V of BBA and BBA(Hons). (For students admitted in	Programme coordinator as it was observed that in the entire programme of BBA and BBA(H) there was no course which acquainted the students to corporate	Will help students to understand and interpret the corporate financial statements.	"Understanding of Corporate Financial Statements" to replace "Brand India: From

4-BOS (15-June-2019) Dean Faculty of Liberal Studi Page 7 of 10 Marwadi University Reikot - 360003, Gujarat

2019-20)	final statements and their analysis. The suggestion was deliberated by Programme Academic Committee (PAC) and accepted. PAC recommended for presentation to the BoS	Local to Global" from academic year 2021
----------	---	--

Details of the changes:

Programme	Change		Semester	Batch	Year of
Name	From	То			Introduction
BBA & BBA(H)	Brand India: From Local to Global	Understanding of Corporate Financial Statements	V	2019-22	2019

The BOS discussed the item and approved it to be applicable on students admitted in 2019-20 w.e.f. 2021 and resolved as under:

"Resolved that the new course titled Understanding of Corporate Financial Statements and its syllabus stand approved and is recommended for presentation to the Academic Council". Annexure 6

Item No.BOS/04/09:

To consider and approve Discontinuing the courses titled Brand India: From Local to Global (04BB0504) in semester V of BBA & BBA(Hons) for the students admitted in 2019-20

The members were informed about the Reasons for discontinuation:

Course Name	Feedback from stakeholders	Rational	Action to be taken
Brand India: From Local to Global (04BB0504) in semester V of BBA and BBA(Hons). (For students admitted in 2019-20)	Programme coordinator and course faculties observed that despite being a good course the delivery and assessment of the course was difficult. The UG students were unable to comprehend the essence of the	Will be more suitable to be delivered to Post graduate students as they will understand the relevance of the course.	"Brand India: From Local to Global" discontinued from 2021

4-BOS (15-June-2019) Dean

Page 8 of 10

Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

course. The suggestion was deliberated by PAC and accepted for presentation to the BoS	

Details of changes:

Programme Name	Course Name	Semester	Batch	Year of Discontinuation
BBA & BBA(H)	Brand India: From Local to Global	V	2019-22	2021

The BOS reviewed and approved that the courses titled "Brand India: From Local to Global" (04BB0504) in semester V to be discontinued and resolved:

"Resolved that Item No.BOS/04/09 stand approved and is recommended for presentation to the Academic Council". Appexure 7

Item No.BOS/04/10:

Any other item with permission of the chair. Modification in course titled Entrepreneurship (04BB0405) in semester-IV taught in BBA and BBA(Hons)

The members were informed that the university has entered into MOU with Center for Entrepreneurship Development, Gandhinagar. And propose to modify the course content of course titled Entrepreneurship(04BB0405) in semester-IV taught in BBA and BBA(Hons) according to Introducing Entrepreneurship Development Program Module II offered by Center for Entrepreneurship Development

Under this agenda item the BOS discussed and approved the proposed revision and resolved as under

"Resolved that the suggested modification stand approved and is recommended for presentation to the Academic Council". Annexure 8

Item No. BOS/04/11: Discussion on Programme Outcome and Course Outcome attainment

The Board was informed that an analysis of CO attainment revealed that the targets set for the academic year 2018-19 at 44%, have been achieved.

Since the CO attainment is well above the target, a revised target of 46% for CO attainment was proposed by PAC.

The Board noted the attainment levels for year 2018-19 and after due deliberations approved that CO attainment targets for year 2019-20 be set at 46%.

4-BOS (15-June-2019 Faculty of Liberal Studies

Marwadi University P

Raikot - 360003, Gujarat

Page 9 of 10

THE MANY TO SEE

Resolved that Item No. BOS/04/11 is approved and recommend the same to the Academic Council.

Item No. BOS/04/12 : Stakeholders Feedback

The Board was informed that the PAC had collected feedback from students, industry and academic experts for curriculum development. The Board was further informed that the suggestions/feedback received were incorporated the same have been detailed in above agenda items.

The Board noted with satisfaction the suggestions received and actions taken on them.

The meeting concluded with a vote of thanks to the chair and the members present.

(Dr. Monica Verma)

Member Secretary BOS.

(Dr. Sunil Kumar Jakhoria) Chairman

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat



Faculty of Liberal Studies

Fifth Board of Studies in Bachelor of Business Administration (BOS -BBA)

Minutes of the Fifth combined Board of Studies in BBA and Commerce, Faculty of Liberal Studies held on Saturday 5th September 2020|4:00 PM - 5:30 PM | Venue – Google Meet: meet.google.com/wjs-pakz-oc

Convener of Meeting

Dean, Faculty of Liberal Studies

In the Chair:

Dean, Faculty of Liberal Studies

The attendees:

Dr. Sunil Kumar Jakhoria, Professor & Dean, Faculty of Liberal Studies and Faculty of	In-Chair
Business Management	
Dr. Sanjay Bhayani, Professor, Department of Business Management, Saurashtra University, Rajkot.	Expert, External Academia
Dr. Hitesh Shukala, Professor, Deptt. of Business Management, Saurashtra University, Rajkot.	Expert, External Academia
Dr. Tarun Sharma, DGM- Strategy, Dalmia Cement Bharat Ltd., New Delhi	Expert, External Industry
Mr. Ketan Gandhi, CEO, KgGuruji.com, Pune.	Expert, External Industry
Dr. Dhiresh Kulshrestha, Associate Professor	Member, Internal
Dr. Prasanta Chatterjee Biswas, Associate Professor	Member, Internal
Dr. Monica Verma, Associate Professor	Member, Internal & BOS Coordinator
Dr. Kiran Kumar Agarwal, Associate Professor & Programme Coordinator BBA	Member, Internal
Mr. Paras Rughani Assistant Professor & Programme Coordinator, BBA(H) and BBA(FM)	Member, Internal
Mr. Ruturaj Doshi, Assistant Professor & Academic Coordinator	Member, Internal

5-BOS (5-September-2020)

Page 1 of 5

Minutes

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360803, Gujarat The leave of absence was granted to:

Dr. H.C. Sardar, Professor,Sheth Damodardas School of Commerce , Gujarat	Expert, External Academia
University.	

At the outset, Prof. Sunil Kumar Jakhoria, Dean (Faculty of Business Management & Faculty of Liberal Studies) and chairman to the Board Of Studies warmly welcomed all the members for attending the 5th combined meeting of the Board Of Studies in Bachelors Of Business Administration. The Chairman appreciated the interest and the presence of external members Dr. Sanjay Bhayani, Dr. Hitesh Shukla, who have been a constant support and a source of encouragement to the faculty over the past years. He also introduced the two new members, Dr. Tarun Sharma and Mr. Ketan Gandhi and thanked them for accepting to be on the board and sparing the time from their busy schedule to attend the meeting. The Chair made a brief presentation on the various programmes run under the Faculty of Liberal Studies, the syllabus updation process adopted by the Faculty and about the progress of the Faculty.

After that, the agenda items listed were taken up for discussion and the following resolutions were passed:

Item No.BOS/05/01:

To confirm the minutes of 4nd meeting of BOS held on 15.06.2019.

The Board Considered and confirmed the minutes of 4th BOS meeting held on 15.06.2019 as there were no comments from members.

Item No.BOS/05/02:

To report the action taken, where necessary, on the various decisions taken by the BOS in its 2nd meeting held on 15.06.2019.

The Board noted the action taken, where necessary, on the various decisions taken in its 4th meeting held on *15.06.2019*. The Board also expressed its satisfaction on the action taken report on the various decisions taken in its 2nd meeting held on *15.06.2019*.

Item No.BOS/05/03:

All agenda items pertaining to BBA and BBA(H) programme

5-BOS (5-September-2020)

Page 2 of 5

Minutes

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat Item No.BOS/05/03i:

To consider and approve re -allocation of the sessions in course titled "Management of Services" (04BB0406) in semester-4 of BBA and BBA(H) programme.

The Board considered the suggested change and found it appropriate and positive.

"Resolved that the changes as noted above stands approved and is recommended for presentation to the Academic Council after incorporating the changes (Annexure-IA and IB)

Item No.BOS/05/03ii:

To consider and approve an additional text book in course titled "Management of Services" (04BB0406) in semester-4 of BBA and BBA(H) programme.

The Board considered the suggested change and found that the book "Service Marketing" authored by Rajendra Nargundkar published by McGraw is good and should be added to the list of existing two text books as additional text.

"Resolved that the addition book to be added to the list of text book as noted above stands approved and is recommended for presentation to the Academic Council after incorporating the changes (Annexure-IA and IB)

Item No.BOS/05/03iii:

To consider and approve change in evaluation scheme for course titled "Applications of Spreadsheet" course code 04LS0212 semester-2 BBA and BBA(H).

The Board went through the scheme of evaluation and found that the changes in the form of online multiple choice question for mid-term and; practical and viva for Marwadi University final exam is a positive change.

"Resolved that the changes in the evaluation as noted above stands approved and is recommended for presentation to the Academic Council after incorporating the changes (Annexure-IIA and IIB)

Item No.BOS/05/04:

All agenda items pertaining to BBA(FM) programme

Item No.BOS/05/04i:

To consider and approve the Removal of topic Value-Credit- Analysis in Unit -5 of the course titled "Financial

5-BOS (5-September-2020)

Page 3 of 5

54

Minutes

Dean
Faculty of Liberal Studies
Marwadi University
Rajkot - 360003, Gujarata

statement Analysis" course code 04BF0205 semester-2 of BBA(FM)

The Board considered the suggested change and found it appropriate.

"Resolved that the change as noted above stands approved and is recommended for presentation to the Academic Council after incorporating the changes (Annexure-IIIA and IIIB)

Item No.BOS/05/04ii::

To consider and approve a typing error in unit 5 of the course titled Modern Banking Operations And Services" subject code 04BB0404 of BBA(FM) Global Packet Radio Services to General Packet Radio Services

The Board approved the minor change of the correction in unit 5 of the course titled Modern Banking Operations And Services" subject code 04BB0404 taught in semester -4 of BBA(FM) Global Packet Radio Services to General Packet Radio Services

"Resolved that the above change stands approved and is recommended for presentation to the Academic Council after incorporating the changes (Annexure-IVA and IVB)

Item No. BOS/04/05: Discussion on Programme Outcome and Course Outcome attainment

The Board was informed that an analysis of CO attainment revealed that the targets set for the academic year 2019-20 at 46%, have been achieved.

Since the CO attainment is well above the target, a revised target of 48% for CO attainment was proposed by PAC.

The Board noted the attainment levels for year 2019-20 and after due deliberations approved that CO attainment targets for year 2020-21 be set at 48%.

Resolved that Item No. BOS/04/05 is approved and recommend the same to the Academic Council.

Item No. BOS/04/06: : Stakeholders Feedback

The Board was informed that the PAC had collected feedback from students, industry and academic experts for curriculum development. The Board was further informed that the suggestions/feedback received were incorporated as shown in above agenda items.

MICHIGAN TRANSPORT

5-BOS (5-September-2020)

Page 4 of 5

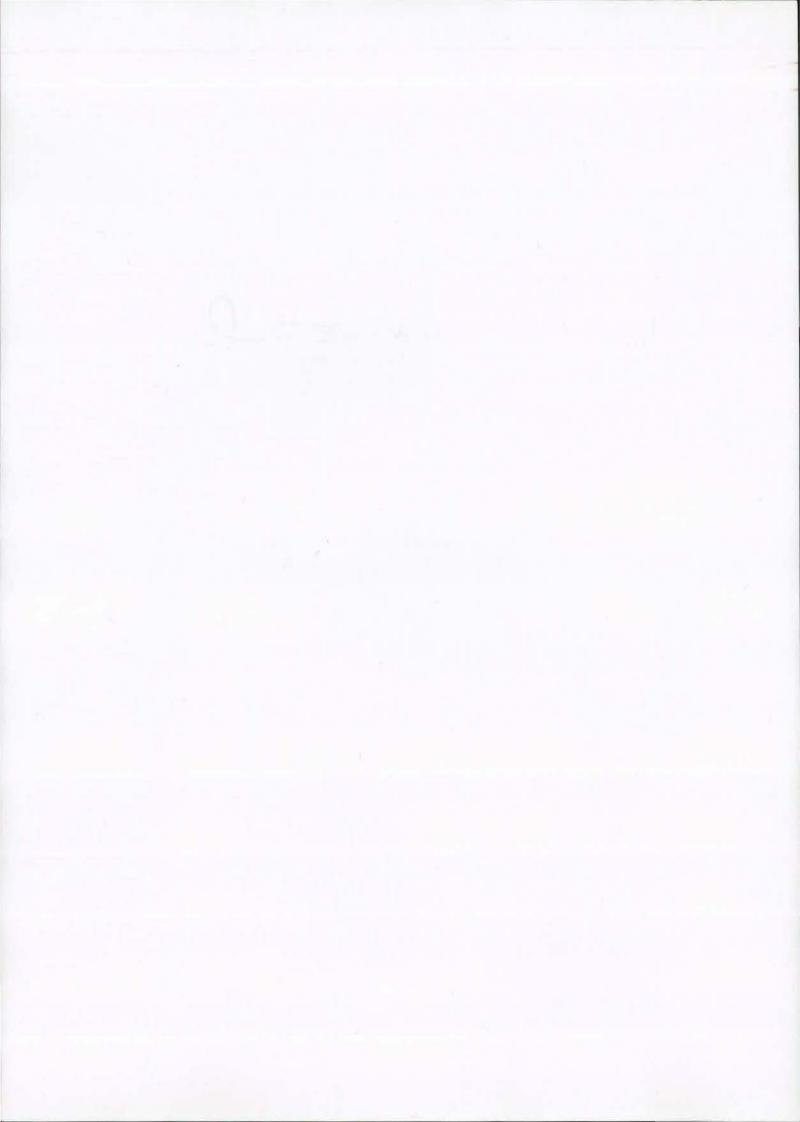
Minutes

Dean Faculty of Liberal Studies Marwadi University Rajkot-360003, Gujarat The Board noted with satisfaction the suggestions received and actions taken on them.

The meeting was concluded with a vote of thanks to the chair and all the members.

(Dr. Monica Verma) Member Secretary BOS. (Dr. Sunil Kumar Jakhoria) Chairman

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat





Faculty of Liberal Studies

Sixth Board of Studies meeting in Bachelor of Business Administration (BOS-BBA)

Minutes

Chaired by:

Dr. Sunil Kumar Jakhoria, Professor & Dean, Faculty of Liberal

Studies

Date:

28-06-2021

Time:

4:00pm -6:00pm

Venue:

Virtual mode via Google link: meet.google.com/xzh-ebkx-dbh

Minutes of the Sixth combined Board of Studies meeting of Bachelor of Business Administration, Faculty of Liberal Studies.

The attendees:

The following members attended the meeting:

Dr. Sunil Kumar Jakhoria,

Chairperson

12.5

Professor & Dean, Faculty of Liberal Studies and Faculty of

Business Management.

Expert External -Academia

Dr. Sanjay Bhayani, Professor, Department of Business Management, Saurashtra

University, Rajkot.

Dr. Tarun Sharma,

Expert External -Academia

Dr. Hitesh Shukla, Professor, Deptt. of Business Management, Saurashtra University,

Rajkot.

Expert External -Industry

DGM-Strategy, Dalmia Cement Bharat Ltd., New Delhi.

Expert External –Industry

Mr. Ketan Gandhi,

CEO, KgGuruji.com, Pune.

Member, Internal Dr. Dhiresh Kulshrestha.

Associate Professor

Member, Internal

Dr. Prasanta Chatterjee Biswas,

Associate Professor

Member, Internal & BoS

Secretary

Dr. Monica Verma, Associate Professor

6-BOS (28-June-2021)

Page 1 of 7

Minutes

Esculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

Dr. Kiran Kumar Agarwal, Associate Professor and Program Coordinator BBA Member, Internal

Mr. Paras Rughani, Assistant Professor and Program Coordinator BBA (Hons) & BBA(FM) Member, Internal

On confirming the presence of members and the quorum being present, the chairman commenced the meeting.

Prior to commencement of agenda, Prof. Sunil Kumar Jakhoria, chairman to Board of Studies welcomed all the members to the 6th combined BOS meeting of Bachelors of Business Administration. The Chairman further expressed special thanks to Dr. Sanjay Bhayani and Dr. Hitesh Shukla, Dr. Tarun Sharma and Mr. Ketan Gandhi, for attending the meeting. The Chair informed the members that now onwards the board of studies meeting will be scheduled twice in a year. He briefed the members that the revision in the curriculum of all the UG programmes namely BBA, BBA(Hons) and BBA(FM), has been done with a view a) to rationalize and streamline the common courses b) to emphasize on application-based assessment c) to offer more choices and specialization d) revising the course outcomes in light of blooms taxonomy e) provide skill enhancement courses. He also briefed about the process adopted to draft the Curriculum and the syllabi.

Agenda under Discussion:

After that the agenda items listed were taken up for discussion and the following resolutions were passed.

Item No.BOS/06/01:

To confirm the minutes of the previous combined BOS meeting of BBA and Commerce.

The minutes of the 5th combined BOS meeting of BBA and Commerce held on 5th September'20 was approved by chairman and mailed to the members on 11th September'20. Since no comments were received from any member, the minutes were confirmed.

Item No.BOS/06/02:

To report the action taken, where necessary, on the various decisions taken by the BOS in its 5th BOS meeting held on 5th September'20

As part of the action taken on the resolutions of 5th BOS meeting the members were informed that the action has been taken on all the matters as below:

Agend	da item	Action Taken
Bache	elor of Business Administration &	
Bache	elor of Business Administration (Honors)	Completed
i)	Re allocation of the sessions in "Management of Services" in semester-4	* ###*********************************
ii)	Recommendation of additional text book in "Management of Services" in semester-4	
iii)	Change in evaluation for course titled "Applications of	

6-BOS (28-June-2021) Dean

Page 2 of 7

Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat 54

	Spreadsheet" semester-2 BBA and BBA(H)	
Bache	elor of Business Administration (Financial Markets)	Completed
i)	Removal of topic Value-Credit- Analysis in Unit -5of the course titled financial statement Analysis semester-2	
ii)	Correction of Global Packet Radio Services to General Packet Radio Services	

The Board noted the action taken, and expressed their satisfaction on the action taken report.

Item No.BOS/06/03:

Items for Reporting/Information

No agenda item for information.

Item No.BOS/06/04(i):

To consider and approve revised Programme Structure for BBA Three Years program to be implemented from academic year 2021-22.

The members were briefed regarding the need for revising the curriculum/ programme structure of BBA. Dr. Kiran Agarwal, Programme coordinator BBA presented to the members the revised programme structure and the changes made in comparison to the previous curriculum. The members were informed that the new curriculum offers greater number of course choice in the form of General electives and specializations. The members were informed that as in the earlier years the students will continue to take noncredit courses intended to enhance skills and abilities namely; Corporate Etiquettes in semester 3, Corporate Correspondence in semester 4, Personal Finance in semester 5 and SPSS in semester 6 along with the credit courses. The members were also informed that from the academic year 2021 students will be offered a two-credit university open elective in semester 1,2,3 and 4.

Courses Shifted

Following suggestion were received:

- 1) To offer course on a) Service marketing or service operations; b) innovation
- 2) To offer flexibility to the faculty in evaluation of the student.
- 3) To implement team work-based assessment.
- 4) If possible French language should be offered in more than one semester as one semester teaching is too less to learn a language.
- 5) If possible, for a 4-credit course there should be 3 theory classes and 1 practical/ field visit session so that the students have a greater practical exposure.

Conclusion:

The suggestions were discussed and the change 1) was accepted and approved and the programme coordinator was advised to deliberate on feasibility of including suggestion 2 to 5 and come up with suggestions in next BoS. It was resolved as under:

"Resolved that the revised Programme structure stands approved and is recommended for presentation to the Academic Council. (Annexure-I)

6-BOS (28-June-2021)

Page 3 of 7

Minutes

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat Item No.BOS/06/04(ii):

To consider and approve syllabi of all six semesters as per Revised Curriculum for BBA Three Years program to be implemented from academic year 2021-22.

The Board went through the syllabi and approved it to be applicable w.e.f batch of 2021-22 and resolved as under:

"Resolved that the syllabi stand approved and is recommended for presentation to the Academic Council". (Annexure-II)

Item No.BOS/06/05(i):

To consider and approve revised Programme Structure for BBA (Hons) Three Years program to be implemented from academic year 2021-22.

Mr. Paras Rugani, Programme coordinator BBA(Hons) presented to the members the revised programme structure and the changes made in comparison to the previous curriculum. The members were informed that the new curriculum offers greater number of course choice in the form of General electives and specializations. The students will be offered eight credit certification courses during the three years programme and eight specializations to choose from. The members were informed that as in the earlier years the students will continue to take noncredit courses intended to enhance skills and abilities namely; Corporate Etiquettes in semester 3, Corporate Correspondence in semester 4, Personal Finance in semester 5 and SPSS in semester 6 along with the credit courses. The members were also informed that from the academic year 2021 students will be offered a two-credit university open elective in semester 1,2,3 and 4.

Following suggestion were received:

- To offer course on Service marketing or service operations; b) innovation and C) Total Quality Management
- 2) To offer flexibility to the faculty in evaluation of the student.
- 3) To implement team work based assessment.
- 4) If possible French language should be offered in more than one semester as one semester teaching is too less to learn a language.
- 5) If possible for a 4 credit course there should be 3 theory classes and 1 practical/ field visit session so that the students have a greater practical exposure.

Conclusion:

The suggestions were discussed and the change 1) was accepted and approved and the programme coordinator was advised to deliberate on feasibility of including suggestion 2 to 5 and come up with suggestions in next BoS. It was resolved as under:

"Resolved that the revised Programme structure stands approved and is recommended for presentation to the Academic Council". (Annexure-III)

Dean
Faculty of Liberal Studies
Marwadi University
Raikot - 360003, Guiarab

"Rajkot - 360003, Gujaraþage 4 of 7

Minutes

6-BOS (28-June-2021)

Item No.BOS/06/05(ii):

To Consider and approve syllabi of all six semesters as per Revised Curriculum for BBA(Hons) Three Years program to be implemented from academic year 2021-22.

The Board went through the syllabi and approved it to be applicable w.e.f batch of 2021-22 and resolved as under:

"Resolved that the syllabi stands approved and is recommended for presentation to the Academic Council". (Annexure-IV)

Item No.BOS/06/05(iii):

To consider and approve a) offering additional specializations namely; Digital Marketing, Entrepreneurship and Logistics Management, b) the course of reading and c) the syllabi for BBA(Hons) batch of 2019-22 Three Years program.

The details are as follows:

Specialization Name	Course Name	Semester	Batch	Year of Introduction
Logistics	Inventory Management	V	2019-22	2021
	Warehousing, Distribution & Transportation Management	V	2019-22	2021
	Packaging Management	V	2019-22	2021
	IT in Logistics Management	VI	2019-22	2022
	International Logistics	VI	2019-22	2022
Digital Marketing	Essentials of Digital Marketing	V	2019-22	2021
	Applications of SEO, SEM & Web Analytics	V	2019-22	2021
	Website Development	V	2019-22	2021
	Contemporary Practices of Digital Marketing	VI	2019-22	2022
	Social Media Marketing	VI	2019-22	2022
Entrepreneurship		V	2019-22	2021
	Social Entrepreneurship and Corporate Entrepreneurship	V	2019-22	2021
	Fundamentals of International Business	V	2019-22	2021
	Legal Aspects of Startups and IPR	VI	2019-22	2022
	Funding for Start-Ups	VI	2019-22	2022

The Board considered and approved the three new specializations namely, Digital Marketing, Entrepreneurship and Logistics Management, the five course of reading in each specialization and the syllabi for the same to be offered for the batch of 2019-22 i.e., w.e.f. 2021.

"Resolved that the proposed specializations along with courses of reading and the syllabi stands approved. It is recommended for presentation to the Academic Council". (Annexure-V)

6-BOS (28-June-2021)

Page 5 of 7

Minutes

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat Item No.BOS/06/06(i):

To consider and approve revised Programme Structure for BBA(FM) Three Years program to be implemented from academic year 2021-22.

Mr. Paras Rugani, Programme coordinator BBA(FM) presented to the members the revised programme structure and the changes made in comparison to the previous curriculum. The students will be offered eight credit courses of NCFM during the three years programme. The members were informed that as in the earlier years the students will continue to take noncredit courses intended to enhance skills and abilities namely; Corporate Etiquettes in semester 3, Corporate Correspondence in semester 4, Personal Finance in semester 5 and SPSS in semester 6 along with the credit courses. The members were also informed that from the academic year 2021 students will be offered a two-credit university open elective in semester 1,2,3 and 4.

Following suggestion were received:

- 1) To offer course on Financial Behaviour.
- If possible, for a 4-credit course there should be 3 theory classes and 1 practical/field visit session so that the students have a greater practical exposure.

Conclusion:

The suggestions were discussed and the programme coordinator was advised to deliberate on feasibility of including the same and come up with suggestions in next BoS. It was resolved as under:

"Resolved that the revised programme structure stands approved and is recommended for presentation to the Academic Council. (Annexure-VI)

Item No.BOS/06/06(ii):

To consider and approve syllabi of all six semesters as per Revised Curriculum for BBA(FM) Three Years program to be implemented from academic year 2021-22.

The Board went through the syllabi and approved it to be applicable w.e.f batch of 2021-22 and resolved as under:

"Resolved that the syllabi stand approved and is recommended for presentation to the Academic Council". (Annexure-VII)

Item No. BOS/06/07: Discussion on Programme Outcome and Course Outcome attainment

The Board was informed that an analysis of CO attainment revealed that the targets set for the academic year 2020-21 at 48%, have been achieved. Since the CO attainment is well above the target, a revised target of 50% for CO attainment

6-BOS (28-June-2021)

Dean
Faculty of Liberal Studies
Marwadi University
Rajkot - 360003, Gujarat

Page 6 of 7

54

le que los

was proposed by PAC.

The Board noted the attainment levels for year 2021-22 and after due deliberations approved that CO attainment targets for year 2021-22 be set at 50%.

Resolved that Item No. BOS/06/07 is approved and recommend the same to the Academic Council.

Item No. BOS/06/08: : Stakeholders Feedback

The Board was informed that the PAC had collected feedback from students, industry and academic experts for curriculum development. The Board was further informed that the suggestions/feedback received were incorporated and accordingly the programe structure has been revised.

The Board noted with satisfaction the suggestions received and actions taken on them.

Vote of Thanks

There being no other business, the meeting ended at 6:10 pm with a vote of thanks to the chair.

(Dr. Monica Verma) Member Secretary BoS. (Dr. Sunil Kumar Jakhoria) Chairperson

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat





Faculty of Management Studies

Seventh Board of Studies meeting in Bachelor of Business Administration (BOS-BBA)

Minutes

Chaired by:

Dr. Sunil Kumar Jakhoria, Professor & Dean, Faculty of

Management Studies

Date:

27-12-2021

Time:

4:00pm -6:10pm

Venue:

Virtual mode via Google link: meet.google.com/mzw-szya-orb

The attendees:

The following members attended the meeting:

Dr. Sanjay Bhayani,

Expert External -Academia

Professor, Department of Business Management, Saurashtra

University, Rajkot.

Dr. Hitesh Shukla,

Expert External -Academia

Professor, Deptt. of Business Management, Saurashtra

University, Rajkot.

Dr. Tarun Sharma,

Expert External -Industry

DGM-Strategy, Dalmia Cement Bharat Ltd., New Delhi.

Mr. Ketan Gandhi,

CEO, KgGuruji.com, Pune.

Expert External -Industry

Dr. Prasanta Chatterjee Biswas,

Associate Professor

Member, Internal

Dr. Monica Verma,

Associate Professor

Member, Internal & BoS

Secretary

Dr. Kiran Kumar Agarwal,

Associate Professor and Program Coordinator BBA

Member, Internal

Mr. Paras Rughani,

Assistant Professor and Program Coordinator BBA(H) & BBA(FM)

Dean

Univer

Member, Internal

On confirming the presence of members and the quorum being present, the chairman

commenced the meeting

7-BOS (27-Dec-2021)

Page 1 of 6

Prior to commencement of agenda, Prof. Sunil Kumar Jakhoria, chairman, Board of Studies welcomed all the members to the 7th BOS meeting of Bachelors of Business Administration and expressed special thanks to Dr. Sanjay Bhayani and Dr. Hitesh Shukla, Dr. Tarun Sharma and Mr. Ketan Gandhi, for attending the meeting.

After that, the agenda items listed were taken up for discussion and the following resolutions were passed.

Agenda under Discussion:

Item No.BOS/07/01:

To confirm the minutes of the previous combined BOS meeting of BBA and Commerce.

The minutes of the 6th combined BoS meeting of BBA and Commerce held on 28th June'21 was approved by chairman and mailed to the members on 24th July'21. Confirmation for same was received from all the members by 27th July'21, the minutes were confirmed.

Item No.BOS/07/02:

To report the action taken, where necessary, on the various decisions taken by the BOS in its 6th BOS meeting held on 28th June'21

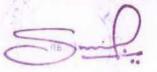
As part of the action taken on the resolutions of 6th BOS meeting the members were informed that the action has been taken on all the matters as below:

Sr. No	Suggestions	Action Taken
1	To incorporate course on	Noted and completed
	a) Service marketing or Service operations b) Total Quality Management c) Innovation	After deliberation following was decided: a) Course titled 'Management of services' to be offered as elective in semester 4 to BBA, BBA(H) and BBA(FM) b) Unit on innovation added to the course titled Start – up Management. After incorporating the change, the new title of the course is 'Innovations and Start-up Management.'
2	To offer course in French language in more than one semester.	
3	Faculty should have liberty to decide Evaluation Scheme.	The members were informed that we already have provision for the same, which are as follows: a) Faculty in all the courses offered in a programme have complete autonomy to decide the evaluation scheme for 50 %

7-BOS (27-Dec-2021)

Page 2 of 6

Dean



 (internals) of the total marks and; b) in courses identified as departmental courses the faculty has complete autonomy to decide evaluation scheme for whole 100%

The Board noted the action taken, and expressed their satisfaction on the action taken report.

Item No.BOS/07/03:

Items for Reporting/Information

 Henceforth, Faculty of Business Management and Faculty of Liberal Studies are merged and will be known as Faculty of Management Studies (FMS).

2) In the 6th BoS the FMS decided on offering Open elective of 2 credits across 1st to 4th semester of all the Under Graduate courses ie., BBA, BBA(H) and BBA (FM),. The same was reflected in the programme structure of all the programmes and the same was presented in 6th BoS meeting. However, later at the university level it was decided that the Open Electives shall be of 3 credits and offered in 3rd and 4th semester. As a result, the subsequent changes in the Programme structure of BBA, BBA(H) and BBA (FM) are being informed to all the board members. Annexure-I

Item No.BOS/07/04:

Changes in the course of teaching in semester V of Entrepreneurship specialization and course of teaching in semester VI of Digital Marketing specialization. And their respective syllabuses.

The members were informed that in the 6th BoS it was approved that in BBA(Hons) programmed

- i) In semester 5 course titled "International Business Procedures" with course code 04BH0506 will be the common course to be offered in Entrepreneurship and International Business specialization.
- ii) Similarly, in semester -6 course titled "Social Media Marketing" with course code 04BH1603 will be the common course for teaching in Marketing and Digital Marketing specialization.

But the central examination department was of the opinion that same course cannot be offered in two specializations because there will be some administrative issues. This was deliberated by respective subject area committees and the Programme Academic committee; and finally decided that hence forth:

- a) In Semester- 5
 - i) Course titled "Fundamentals of International Business" with course code 04BH0504 will be taught in International Business specialization; and
 - ii) Course titled "International Business Procedures" with course code 04BH0506 will be taught in Entrepreneurship specialization
- b) In Semester- 6
 - i) Course titled "Social Media Marketing" with course code 04BH1603 will be taught in Marketing specialization

5 P M

7-BOS (27-Dec-2021)

Page 3 of 6

ii) Course titled "Marketing Through Social Media Platforms" with course code 04BH0609 will be taught in Digital Marketing specialization

Details of the changes are as follows:

Programme	Specialization	Ch	Semester	Batch		
Name		From	То			
BBA(H)	International Business			V	2021-24	
	Entrepreneurship	Fundamentals of International Business (04BH0504)	International Business Procedures (04BH0506)	V	2021-24	
	Marketing	Social Media Marketing (04BH1603)	Social Media Marketing (04BH1603)	VI	2021-24	
	Digital Marketing	Social Media Marketing (04BH1603)	Marketing Through Social Media Platforms (04BH0609)	VI	2021-24	

The members reviewed and approved the proposed changes and the syllabuses of "International Business Procedures" and "Marketing Through Social Media Platforms". It was resolved:

"Resolved that Item No.BOS/07/04 stands approved and are recommended for presentation to the Academic Council". Annexure-II

Item No.BOS/07/05:

To consider and approve syllabus and teaching scheme of University Open Elective to be offered by FMS

Dr. Sunil Kumar Jakhoria informed and explained to the board members that university (keeping in line with one of the major proposals of NEP to offer greater flexibility in courses offered to the students) has decided to introduce University open electives, a concept approved by the Academic Council. The student on commencement of 3rd semester has to choose 2 electives during the entire duration of his/her programme and those electives will be deemed as university wide open elective. To begin with, these electives will be offered in under graduate programmes and later extended to Post Graduate programmes. A pool of such university electives will be

7-BOS (27-Dec-2021)

Page 4 of 6

Dsan

created where every department in the university will contribute. In addition, courses like music, NCC, sports, performing arts etc. are also to be included. These courses will be available to the students other that the department/ faculty offering it. As a common guideline these courses shall not be too technical in nature, there is no lab component and there is no pre-requisite to the course. The Faculty of Management Studies, to begin with will offer nine courses, four in management and five in commerce.

The courses and teaching and evaluation were presented before the members for discussion and approval:

Course Title	Course code	Credits	Contact Hours
Entrepreneurship	04OP0006	3	36 hr
Digital Marketing	04OP0007	3	36 hr
Data Analysis using Spreadsheet	04OP0008	3	36 hr
Basics of Supply Chain Management	04OP0009	3	36 hr

And the evaluation scheme for each course shall be:

	Component	Weightage
Α	Continuous Evaluation Component (Assignments / Quizzes /Class Participation etc.)	20% (C.S.E)
В	Internal Assessment	30% (I.A.)
С	End-Semester Examination	50% (External assessment)

Following comments and suggestion were received:

- 1) Course titled "Entrepreneurship", "Tax Planning for Individuals" and "Basics of Supply Chain Management" were approved by the members.
- 2) In the Course titled "Digital Marketing" more teaching hour should be allocated to unit 3 as the topic to be dealt in the unit have great potential for skilling and employability.
- 3) In the Course titled "Data Analysis using Spreadsheet" solver and Pivot table should be mentioned in unit -1 for greater clarity during course delivery.

Conclusion:

The suggestions were discussed and the changes were accepted and approved. It was resolved as under:

"Resolved that all the syllabi and teaching and evaluation scheme for each course stands approved and are recommended for presentation to the Academic Council". Annexure-III

Item No. BOS/07/06: Discussion on Programme Outcome and Course Outcome attainment

The Board was informed that an analysis of CO attainment revealed that the targets set for the academic year 2021-22 at 50%, have been achieved.

7-BOS (27-Dec-2021)

Page 5 of 6

PAC proposed the CO attainment target for academic year 2022-23 at 50%.

The Board noted the attainment levels for year 2021-22 and after due deliberations approved that CO attainment targets for year 2022-23 be set at 50%.

Resolved that Item No. BOS/07/06 is approved and recommend the same to the Academic Council.

Item No. BOS/07/07: : Stakeholders Feedback

The Board was informed that the PAC had collected feedback from students, industry and academic experts on the syllabi and curriculum. The Board was further informed that the suggestions/feedback received were incorporated.

The Board noted with satisfaction the suggestions received and actions taken on them.

Vote of Thanks

After discussion on the agenda Dr. Sunil Kumar Jakhoria informed the members about the progress made by the faculty and the university; and decision by the University for the academic development of faculty and over all research environment since the last BOS.

There being no other business, the meeting ended with a vote of thanks to all present.

(Dr. Monica Verma) Member Secretary BoS. (Dr. Sunil Kumar Jakhoria) Chairperson





Minutes of Meeting BOS for M. Sc.Physics

Date: 11/04/2016			Meeting No: 01			
Start Time: 01:30PM End		End Time:05:00PM	Total Time: 4 Ho		Total Time: 4 Hour 30 min.	
Presented by		Dr. Jenishkumar Pa	Patel Location: MB350 (MU)		tion: MB350 (MU)	
Agenda – 1	-1 Program Outcome (PO) and Program specific outcome (PSO) of M.S			specific outcome (PSO) of M.Sc.		
		Program.				
Resolution		•	SO of t	he prog	gram. BOS members advise a	
		or corrections.				
					s, BOS members approve the	
		PSO of the M.Sc. Phys		_		
	The PO a	and PSO are given in t	the Ann	exure-	·1.	
Agenda – 2	enda – 2 Syllabus of M.Sc. Physics (Semester 1 to Semester 4).			mester 4).		
Resolution Dr. Patel presented mentioned that the syllabus and also keen in academic, and resource. Dr. Patel also information in mind choose the second content of the syllabus and also keeping in mind choose the syllabus and also keeping and also keepin		ed that the syllabus and also keeping in rmic, and research. el also informs to B in mind choice base c	is desmind ab	igned out the mbers estem (0	rogram to BOS member. He based on GSET/NET/GATE employability of our students that these syllabi are design CBCS). lifferent aspects of the syllabi:	
	course objective, course outcome, course content, teaching scheme, and					
	evaluation pattern.					
	BOS members approve syllabi along with the different components					
	mentioned for the M.Sc. Physics program.					
The complete syllabi are given		n in An	nexure-	-II.		
Meeting Attended By: External Experts			Me	eting A	Attended By: Marwadi University	
_	-	Physics Departmen			B. Jadeja	
Saurashtra U		- *		2. Dr. Jenishkumar Patel		
				•	shant R. Ghediya	
					eshSavani	
				O	roj C. Hudda	
			J. I.	110100	10, 5, 114444	



Attendees:

Sr. No.	Name	Organization/ Institute	Signature	Remarks (If any)
1.	Prof. R. B. jadeja	Marwadi University, Rajkot	Lja.	
2	Hiren Joshi	Department of Physics, Saurashtra University, Rajkot	Ani-	
3.	Dr. Jenishkumar Patel	Marwadi University, Rajkot	2984.	
4.	Dr. Yogesh Savani	Marwadi University, Rajkot	Jemes	
5.	Dr. Prashant Ghediya	Marwadi University, Rajkot	Instadic	
6.	Ms. Saroj Hudda	Marwadi University, Rajkot	Que de de	

Marwadi University Faculty of Technology Department of Information and Communication Technology

Minutes of Meeting – Board of Studies A. Y. 2018-19

Date: 5/5/2018	Meeting no: 02	
Start time: 11:30 AM	End time: 5:30 PM Total hours: 5 hours	
Chaired by	Prof. C. D. Parmar (HOD – ICT, Marwadi University)	
Formal welcome of me	mbers of the board of studies was done by Prof. C. D. Parmar.	
Section - A	Action taken based on previous meeting	
Agenda - 1	Approval of Vision, Mission, PO and PSO	
Action taken	No further modification required.	
Agenda - 2	Designing of syllabus framework for 1 st year (Credits and	
	teaching scheme)	
Action taken	The elective domain was finalized. A roadmap of the teaching	
	scheme for all 4 years had been laid out, and the inputs about	
	the syllabus content, mode of examination, and name of the	
	subjects were gained from the esteemed members of the BoS	
	committee.	
Agenda - 3	Discussion on CO-PO, PSO mapping and attainment	
Action taken	No further modification required.	
Agenda - 4	Suggestion for preparing students for industry ready	
Action taken	Industrial internship approved.	

Section: B	Agenda for discussion		
Agenda - 1	Designing of Syllabus framework for 2nd year (Credits		
	and teaching scheme) B.Tech. ICT		
Discussion and	All experts have reviewed the teaching learning process and assessment process for the academic year 2017-18. The detailed syllabus and teaching scheme for semesters 3 and 4 were presented for discussion and suggestions from the experts. The draft teaching scheme for semesters 5, 6, 7 and 8 were presented as per the suggestions of the previous BoS meeting. • Subjects are as per the required flow of learning for ICT specialization.		
Resolution	 Experts insist to promote project-based learning. One minor project can be assigned to the integration of various subjects. Canvas or similar LMS portals would be used for continuous evaluation purposes. They have also suggested some changes in flow for subjects offered in the first 3 semesters for a better learning curve. Instead of Computer Workshop and Electrical and 		



Marwadi University Faculty of Technology Department of Information and Communication Technology

	 Electronics workshop subjects, ICT workshop subject is more suitable for ICT graduates which cover learning outcomes for both subjects. One subject focused on Project-based learning can be introduced in the 1st semester. All mathematics subjects in the first three semesters should be given an appropriate name as per the content covered in the syllabus. ICT graduates will be able to work with data analytics, so basic concepts of data analytics may be introduced in the 1st year. IRRS subject is introduced in semester 2 from the next academic year. Instead of teaching Data Structure and Algorithm in semester 2, first preference must be given to Object-Oriented Programming subject. Swapping of DSA and OOP will be conducted from next academic year. Some suggestions have been given by experts about the contents of subjects and it is implemented. To inculcate a design thinking mindset and to promote entrepreneurship Design Engineering, Human Center Design and Reverse Engineering are suggested to execute in active learning mode. All the teaching schemes and syllabus for 2nd,3rd and 4th have been proposed and courses and syllabi were designed keeping in mind that it should be relevant to the current demands and needs of the industry, and students must gain contemporary skills and must provide the platform for any entrepreneurship roles as well.
Aganda 2	Choice-Based Credit System and finalization of the
Agenda - 2	•
Discussion and Resolution	 Elective subject possibilities have been discussed, and five possible tracks have been identified. Elective subjects would be offered from Semester 5. In semester 5, students can take any one subject out of 5 subjects as an elective 1 and in semesters 6 and 7, students can choose any 2 subjects from the given 10 subjects as electives 2,3, and 4,5, respectively. Teaching and examination scheme was prepared for batch 2017-21(semester 3 to 8) and 2018-22(semester 1 to 8) batch.



Marwadi University Faculty of Technology Department of Information and Communication Technology

	 demands and needs of the industry, and students must gain contemporary skills and must provide the platform for any entrepreneurship roles as well. CO-PO and PSO mapping for semester 1, 2, 3 and 4 for academic year 18-19 were discussed and finalized.
Agenda -3	Analysis and finalization of CO-PO and PSO attainment
Discussion and Resolution	 The targeted attainment for CO-PO and PSO is achieved for the semester 1 of academic year 2017-18 for all subjects except Basics of Electronics Engineering. Upon further analysis it is decided that target attainment for AY 2018-19 will be kept 50%. For meeting a demand of industry subjects namely FSSI and IRRS in 1st year and subjects like Computer Organization and Architecture, OOP and Design Engineering in 3rd semester will be given more weightage i.e. 52%.

Prof. C. D. Parmar offered vote of thanks to members of the board of studies for sparing their valuable time and giving constructive suggestions.

Established Under Gujarat Private Universities Act No. 9 of 2016

Minutes of Meeting B.O.S. for B.Tech. Mechanical Engineering

Date: 13/05/20)16		Meeting No: 01	
Start Time: 11:00 AM		End Time: 01:00 PM		Total Time: 2 Hours
Presented by Dr. Pinank A Patel				
Agenda – 1	Review	of Vision and Mission, PSG	O, PEO	
Resolution	•	experts, subject experts of curriculum and syllabus of SRM-Chennai a draft is cr Vision and Mission in align (Annexure-1) Based on feedback received and PEO and the same was	from other instituted in the control of renowned universely and a few ament with the universely from different as presented ame	the different stakeholders like industrial state and with reference to AICTE model versities such as IIT madras, VIT Vellore, revisions are made to the statements of niversity's Vision and Mission statements. I stakeholders a draft was created for PSO ong the BOS committee. Based on minor SO and PEO were finalized. (Annexure-2)
Agenda - 2	Review program			
Resolution	•	was taken from the common The CBCS scheme for the BOS committee. Contact hours for students 1st Year course should be of Percentage of continuous 60:40 or 50:50 for theory allowed for End semester, Based on discussion with EAICTE following courses and General Basic science conditions of the Engineering science courses and Engineering science courses computer programming, Eastern Science computer programming, Eastern Science courses and Science courses are sentenced.	ittee (Annexure- entire program s should ideally b common for all b evaluation and e and practical sub ry and laboratory mid semester ar BOS committee a re included in the ourses such as alculus. se such as - Ele ingineering graph ences & Manage	has been discussed and approved by the see 25 to 30 hours per week. ranches of engineering. end semester evaluation should either be jects. If should ideally be 3:2:1 hours should be not internal evaluation examination. In the with reference to model curriculum of exist year curriculum of exist
Agenda - 3	Propose	ed Attainment for Course	Outcome	
Resolution	•	 It was decided by BOS members that CO target attainment for this year's student is set to 55% .i.e. 50% of students will achieve more than 55% marks. 		-



Agenda – 4	Review of the teaching scheme
	Based on discussion with BOS committee ,with reference to model curriculum o
	AICTE and Reputed universities such as IIT-Madras, VIT-Vellore Engineering core
	courses such as Fluid mechanics, Kinematics of machine, Fundamental of machine
Resolution	design, Manufacturing process-1 & 2, Material science and metallurgy, are proposed
	in the 3rd year curriculum
	 Provide tutorials of 1 hours in the courses Mechanics of Solids, Maths-III, Kinematics
	of Machines, Thermal, Material Science, Fluid mechanics, of sem-III and sem-IV.
Agenda – 5	Inclusion of state of art topics and contents suitable to the current and futuristic learning
	and development paradigms for the graduates.
	Reduce theory contact hours and increase practical contact hours for computer
	programing and engineering graphics, provide tutorials for the Elements of Electrica
Resolution	& Electronics, Elements of Civil engineering subjects.
	The Learning and Development department would be offering SPT and SIG programs
	designed for the overall development of the student.
Agenda – 6	Suggestion on making the curriculum inclined towards industrial integration.
Resolution	 Workshop is essential in all branches, (Workshop-I and Workshop-II) or increase
	hours of contact in case there is a single course on Workshop
	 Workshop should be performance based instead of demonstration.
	 For every tutorial 1 contact hour, 1 credit weightage to be given.
	Allow to earn credits early and permit final year projects in industries.
Agenda – 7	Feedback from Members of Board of Studies
Resolution	Viva can be replaced by quiz, performance evaluation, and surprise test.



Faculty of Technology Mechanical Engineering

Minutes of Meeting - Board of Studies A.Y. 2016-17

ISTERIORES LINGER GUARANT PRIVATE LINGUESTICS ACT NO. 5 of 200

В	OS Committee members:	Signature	
Me	eeting attended by: External Expert	s	
1.	Dr. D. P. Vakharia	Lum	
2.	Dr. Puneet Tandon	A8007	
3.	Dr. Leenus Martin	Humis	
4.	Dr. Bharat Ramani	Bring	
Me	eting Attended by: Marwadi Unive	rsity	
1.	Dr. R. L. Jhala	AL A	
2.	Dr. Sarang Pande	Sande	
3.	Prof. Nikunj Rachchh	A	
4.	Prof. Pinank Patel	Paparte	



	Annexure
	Department Vision:
	 To be recognized globally for quality education and enrich our society with dedicated and competent engineers Department Mission:
	 Delivering quality education to the graduates and enhancing their skills related to different subjects offered
Annexure - 1	 To create awareness of the current technologies by conducting regular industrial visits, training on latest technology and encouraging technical events To make the graduates understand the impact of their work on society and encourage ethical values
	 To promote innovative ideas and utilize modern equipment & tools to encourage research.
	 To motivate and prepare the graduates for higher education and competitive exams by conducting seminars, tests and mock interviews
	PSO1: Students will have knowledge and skills in core mechanical and allied
Annexure - 2	engineering subjects, to identify, analyze, design and develop mechanical systems,
	meeting needs of society
	PSO2: Students will have competence to take challenges associated with future
	technological issues such as biofuel, alternate energy, 3D printing, Robotics, Drones
	etc.
	• PEO:
	 Demonstrate sustained learning and adapt to the constantly changing technologies through higher studies, professional development and self-study.
	 Have technological skills, soft skills and social skills towards Industry readiness and for contribution to society.
	 Have professional ethics, good communication and leadership capabilities for continued success in life.
Amexare - 2	To promote next level education
	PO
	 PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
	PO2: Problem analysis: Identify, formulate, review research literature, and analyze
	complex engineering problems reaching substantiated conclusions using first
	principles of mathematics, natural sciences, and engineering sciences.
	PO3: Design/development of solutions: Design solutions for complex engineering
	problems and design system components or processes that meet the specified needs
	with appropriate consideration for the public health and safety, and the cultural,
	societal, and environmental considerations.



	PO4: Conduct investigations of complex problems: Use research-based knowledge
	and research methods including design of experiments, analysis and interpretation
	of data, and synthesis of the information to provide valid conclusions.
	PO5: Modern tool usage: Create, select, and apply appropriate techniques,
	resources, and modern engineering and IT tools including prediction and modelling
	to complex engineering activities with an understanding of the limitations.
	PO6: The engineer and society: Apply reasoning informed by the contextual
	knowledge to assess societal, health, safety, legal and cultural issues and the
	consequent responsibilities relevant to the professional engineering practice.
	PO7: Environment and sustainability: Understand the impact of the professional
	engineering solutions in societal and environmental contexts, and demonstrate the
	knowledge of, and need for sustainable development.
	PO8: Ethics: Apply ethical principles and commit to professional ethics and
	responsibilities and norms of the engineering practice.
	PO9: Individual and team work: Function effectively as an individual, and as a
	member or leader in diverse teams, and in multidisciplinary settings.
	PO10: Communication: Communicate effectively on complex engineering activities
	with the engineering community and with society at large, such as, being able to
	comprehend and write effective reports and design documentation, make effective
	presentations, and give and receive clear instructions.
	PO11: Project management and finance: Demonstrate knowledge and
	understanding of the engineering and management principles and apply these to
	one's own work, as a member and leader in a team, to manage projects and in
	multidisciplinary environments.
	PO12: Life-long learning: Recognize the need for, and have the preparation and
	ability to engage in independent and life-long learning in the broadest context of
	technological change.
	B.Tech - Year-1, Sem-1
	Subject Code Subject Name
	01MA0101 Engineering Mathematics I
	01Cl0101 Elements of Civil Engineering 01ME0101 Elements of Mechanical Engineering
	01SL0102 / Reading & Writing for Technology /
Annexure - 3	01SL0103 Speaking & Presentation Skills
Annexure - 5	01GS0101 / Physics /
	01GS0102 Chemistry
	01EN0101 Basics of Environmental Studies
	01CR0101 Career Readiness Programme
	B.Tech - Year-1, Sem-2
	Subject Code Subject Name



01CE0101 Computer Programming 01ME0102 Engineering Graphics 01EE0103 Basic Electrical and Electronics Engineering 01ME0104 Mechanical Workshop 01PE0101 Physical Education/Sports/Yoga	01MA0151	Engineering Mathematics :II
01EE0103 Basic Electrical and Electronics Engineering 01ME0104 Mechanical Workshop	01CE0101	Computer Programming
01ME0104 Mechanical Workshop	01ME0102	Engineering Graphics
· ·	01EE0103	Basic Electrical and Electronics Engineering
01PE0101 Physical Education/Sports/Yoga	01ME0104	Mechanical Workshop
	01PE0101	Physical Education/Sports/Yoga

Established Under Gujarat Private Universities Act No. 9 of 2016

Minutes of Meeting B.O.S. for B.Tech. Mechanical Engineering

Date: 28/05/202	17		Meeting No: 02	2
Start Time: 10:00 AM		End Time: 12:30 PM		Total Time: 2:30 Hours
Presented by		Prof. Ramesh Bhoraniya		
Agenda – 1	Review of Curriculum structure and Course outcome of Mechanical Engineering for U			come of Mechanical Engineering for UG
Resolution		Syllabus and CO for 2nd approval was taken from to Based on discussion with Example and reputed university following courses are inclusived and social Science cour Humanities and Social Science and Social Social Science and Social Social Science and Social Social Science and Social Science and Social Soc	he committee (BOS committee a persities such as uded in the 2nd rese - Numerical a pences & Manager BOS committee a uded in the 2nd y such as Fundan reg thermodynam ial and student for neering courses and problem solv ory by UGC in the reference to re a Industry), CII reses such as Adva nt, Design for M reumatic and Hyd nts. tric vehicles may possible in futur should be introd student studies	IT Madras, VIT Vellore, SRM-Chennai year curriculum nalysis ment Courses - Professional ethics nd with reference to model curriculum of ear curriculum nental of machine design, Kinematics of nics, MDID, MSM needback following courses are included in (6 credits) such as Human centric design ving skill must be added to the curriculum ne coming future. Industries such as Bosch Rexroth, Jyoti CNC neport of FICCI (The Federation of Indian (The Confederation of Indian Industry) ance Manufacturing processes, Computer anufacturing, Computer Integrated Mfg., raulic control are discussed and approved by be blended with subject content of IC et o keep the subject in line with latest uced in the earlier semester (may be as a
Agenda – 2		and Revision of Teaching		
Resolution	•	It is advised to swap ET &	FM in 3 rd and 4 th	semester.



Established Under Gujarat Private Universities Act No. 9 of 2016

·	
	Based on industrial feedback New subject Professional ethics is added to understand
	the organizational behaviour in industry.
	 Project based subject Human centric design approach is added to sem-4.
	Course of Value Education is introduced
Agenda - 3	Proposed Attainment for Course Outcome
Resolution	 The CO attainment for the previous year was slightly less than the target set. Since university is in its nascent stage and students are not converse with the evaluation system, only few students were able to achieve more than 60% marks. CO attainment not completely achieved in subjects such as Fluid mathematics, Mechanics of solids and Engineering Mathematics-II. To improve the attainment percentages extra sessions and more tutorials are added in these subjects. It was decided by BOS member that the same target of 55% CO attainment is set for the 2017-18 academic year students.
Agenda – 4	Feedback from Students, Teachers and Employers – participation of students in various Technical event
Resolution	 Students are encouraged to participate in various events such as SAE-BAJA, Go-cart, ASME- HPVC and Funding also provided for the same
Resolution Agenda – 5	
	ASME- HPVC and Funding also provided for the same Addition of Value added course in curriculum for skill development and increase the
Agenda – 5 Resolution	Addition of Value added course in curriculum for skill development and increase the employability Based on Feedback received from students and industries to practice brainstorming, critical thinking, application of scientific principle in the early stage of Design of product, a Design integrated course by Avesha introduced for odd semester students.
Agenda – 5	ASME- HPVC and Funding also provided for the same Addition of Value added course in curriculum for skill development and increase the employability Based on Feedback received from students and industries to practice brainstorming, critical thinking, application of scientific principle in the early stage of Design of product, a Design integrated course by Avesha introduced for odd semester



Established Linder Gaparat Private Universalies Act No. 9 of 2016

B	OS Committee members:	Signature			
M	Meeting attended by: External Experts				
1.	Dr. D. P. Vakhariya	Lucer			
2.	Dr. Bharat Ramani	Burne			
3.	Dr. S. B. Jadeja	Spodera			
4.	Mr. Anand Savaliya	Show			
Me	eting Attended by: Marwadi Unive	ersity			
1.	Dr. R. L. Jhala	hA			
2.	Dr. Sarang Pande	Sande			
3.	Dr. Nikunj Rachchh	JA-			
4.	Dr. Amit Sata	dea			
5.	Prof. Ramesh Bhoraniya	Ro			



Established Under Gujarat Private Universities Act No. 9 of 2016

	Annexure				
	B.Tech -	Year-2, Sem-3			
	Subject Code	Subject Name			
	01Cl0301	Mechanics Of Solids			
	01MA0201	Engineering Mathematics III			
	01ME0301	Fluid Mechanics			
	01ME0302	Kinematics of Machines			
A 1	01ME0303	Manufacturing Processes I			
Annexure-1	01CR0302	Professional Ethics			
	B.Tec	h - Year-2, Sem-4			
	Subject Code	Subject Name			
	01MA0271	Numerical Analysis			
	01ME0401	Machine Design & Industrial Drafting			
	01ME0402	Manufacturing Processes II			
	01ME0403	Material Science and Metallurgy			
	01ME0404	Engineering Thermodynamics			

Established Under Gujarat Private Universities Act No. 9 of 2016

Minutes of Meeting B.O.S. for B.Tech. Mechanical Engineering

Date: 29/05/2018		Meeting No: 03		
Start Time: 10:00 AM		End Time: 01:00 PM		Total Time: 3:00 Hours
Presented by		Prof. Ramesh Bhoraniya and	Dr. Nikunj R	lachchh
Agenda – 1	Review of Curriculum structure and Course outcome of Mechanical Engineering for U program			
• • • • • • • • • • • • • •		Syllabus and CO for 3 rd year subjects are discussed with BOS committee and approval was taken from the committee (Annexure-1) The BOS committee suggested changing a few topics in Fluid mechanics and Manufacturing process- I subject. Based on discussion with BOS committee with reference to model curriculum of IIT-Madras, SRM-Chennai, following courses are included in the 3rd year curriculum Engineering core courses such as Fluid power engineering, MD-I & II, Heat and mass transfer, Dynamics of Machine-1 Project based course - Reverse engineering, Design engineering and project management, Based on student feedback of students, an Operational research course is added to the curriculum. From the feedback received from the industry cluster of Rajkot MSME Professional elective courses - Design of manufacturing, Computer graphics, Advance Manufacturing process, etc. are added in curriculum BOS committee has suggested conducting expert talks, which helps the students to do interaction with industry persons and get the knowledge of the latest process and technology used in industry and know the standard practice followed in various industries.		
Agenda – 2	Review	and Revision of Teaching scho	eme	
 The syllabus of Semester 5 and Semester 6 was discussed and committee Fundamentals of machine design is added in 3rd sem and Mechis removed. 				
Agenda - 3	Proposed Attainment for Course Outcome			
Resolution	The target for CO attainment was set to 55% and same was achieved for B.to Mechanical Engineering.			



Established Under Gujarat Private Universities Act No. 9 of 2016

Agenda – 4	Review of Vision and Mission, PSO, PEO for Mechanical Engineering PG program
Resolution	 Based on the feedback received from the different stakeholders, a draft is created and a few revisions are made to the statements of Vision and Mission in alignment with the university's Vision and Mission statements. (Annexure-2) Based on feedback received from different stakeholders a draft was created for PO, PSO and PEO and the same was presented among the BOS committee. Based on minor corrections given by the BOS committee following PSO and PEO were finalized. (Annexure-3)
Agenda – 5	Review of Curriculum structure and Course outcome of Mechanical Engineering for PG
Agellua – 5	program
Resolution	 Syllabus and CO for 1st year subjects are discussed with BOS committee and approval was taken from the committee (Annexure-3) Contact hours for students should ideally be 25 to 30 hours per week. Percentage of continuous evaluation and end semester evaluation should either be 60:40 or 50:50 for theory and practical subjects. Passing criterion for theory and laboratory should ideally be 3:2:1 hours should be allowed for End semester, mid semester and internal evaluation examination. Based on discussion with the BOS committee and with reference to the model curriculum of AICTE following courses are included in the 1st year curriculum. Courses based on advanced core subjects -Advanced Machine Design, Computer Aided Design, Computer Aided Manufacturing, Computer Aided Production Management, Finite Element Analysis, Optimization Techniques Courses based on Research Methodology Courses based on Critical thinking - Computational Methods in Mechanical Engineering
	 Program elective- I- Advanced Material Processing Techniques, Design for
	Manufacturing and Assembly, Advanced Stress Analysis
	Program Elective- II- Oil Hydraulics and Pneumatics; Noise and Vibration, Multibody dynamics
	 Based on discussion with the BOS committee and with reference to the model curriculum of reputed universities such as IIT-Madras, SRM-Chennai, VIT-vellore etc.
	Engineering core courses such Advanced Machine Design, Computer Aided Design,
	Finite Element Analysis, Computer Aided Manufacturing etc.
Agenda – 6	Addition of Value added course in curriculum for skill development and increase the
	employability
Danalusta	Based on feedback received from various MSME industries and with reference to
Resolution	report of industrial organization such as FICCI, CII to improve the industry oriented



Established Under Gujarat Private Universities Act No. 9 of 2016

	skill and employability of students, value added course such as CNC/VMC, CAD club, Automation are proposed and approved for 3rd and 4th year students. • Following Two value aided courses are recommended for PG students of CAD/CAM in 1st and 2nd semester
	Numerical Methods using MATLAB & Robotics and Al
Agenda – 7	Review of syllabus contents proposed.
Resolution	 Provide tutorials of 2 hours in the courses Research Methodology, Computational methods for PG program of Mechanical Engg. for 1st year
Agenda – 8	Inclusion of state of art topics and contents suitable to the current and futuristic learning and development paradigms for the postgraduates.
Resolution	Program Elective will offer in each semester to give inclination towards their interest.
Agenda – 9	Suggestion on making the curriculum inclined towards industrial integration
Resolution	 For every tutorial 1 contact hour, 1 credit weightage to be given. Allow to earn credits early and permit Dissertation work in industries.
Agenda – 10	Any special points/ advise by members of Board of Studies
Resolution	 The BOS committee suggested introducing a minor group. It was suggested to have a minor in the field of Smart manufacturing, Mechanical Engineering Design, Automation and Thermal Engineering in B.Tech. Viva to be replaced by quiz, performance evaluation, and surprise test



Established Linder Guarat Praute Linkersities Act Vo. 9 of 2018

BC	BOS Committee members: Signature					
Me	Meeting attended by: External Experts					
1.	Dr. D. P. Vakharia	Lune				
2.	Dr. Bharat Ramani	Buny				
3.	Dr. S. B. Jadeja	Spaderas				
4.	Anand Savaliya	Star				
Me	Meeting Attended by: Marwadi University					
1.	Dr. Sarang Pande	Sande				
2.	Dr. Nikunj Rachchh	Ab				
3.	Dr. Amit Sata	due				
4.	Prof. Ramesh Bhoraniya	Pm3.				
5.	Dr. R. L. Jhala	h 1				
6.	Dr. Pinank Patel	Pep				



Established Under Gujarat Private Universities Act No. 9 of 2016

		Annexure	
	B.Te	ch - Year-3, Sem-5	
	Subject Code	Subject Name	
	01ME0501	Dynamics of Machine-I	
	01ME0502	Fluid Power Engineering	
	01ME0503	Machine Design-1	
	01ME0504	Metrology	
	01ME050*	Programme Elective I	
	01CR0501	Business Benchmark	
	01ME0508	REVERSE ENGINEERING	
		me Elective 1	
	Subject Code	Subject Name	
	01ME0505	Power Plant Engineering	
	01ME0507	Design for Manufacturing	
	01ME0506	-	
Annexure-1	OTIVIEO300	Computer Graphics	
	B.Tec	h - Year-3, Sem-6	
	Subject Code	Subject Name	
	01ME0601	Dynamics of Machine –II	
	01ME0602	Heat and Mass Transfer	
	01ME0603	Machine Design-II	
	01ME0604	Operation Research	
	01ME060*	Programme Elective II	
	01ME0610 *Program	Design Engineering & Project Management me Elective 2	
	Subject Code	Subject Name	
	01ME0605	IC Engines & Automobiles	
	01ME0606	Design of Material Handling Equipment	
	01ME0607	Advance Manufacturing processes	
	Vision		
		recognized globally for quality education and enrich our society with dedicated	
	and competent engineersMission:		
		on: ring quality education to the graduates and enhancing their skills related to	
Annexure - 2		ent subjects offered	
		ate awareness of the current technologies by conducting regular industrial	
		training on latest technology and encouraging technical events	
	 To make the graduates understand the impact of their work on society an 		
	encou	rage ethical values	



To promote innovative ideas and utilize modern equipment & tools to encourage

Established Under Gujarat Private Universities Act No. 9 of 2016

	resear	research.			
		tivate and prepare the graduates for higher education and competitive exams			
		ducting seminars, tests and mock interviews			
	Based	on feedback received from different stakeholders a draft was created for PO,			
	PSO and PEO and the same was presented among the BOS committee. Based on				
	minor	corrections given by the BOS committee following PO, PSO and PEO were			
	finalize	ed.			
	• PSO1:	Students will be able to apply principles of CAD and CAM in the field of			
		ering applications for research and development.			
	• PSO2:	Students will be able to develop software for design and development in the			
	field o	f Mechanical Engineering.			
	• PEO:	Demonstrate sustained learning and adapt to the constantly changing			
	techno	ologies through higher studies, professional development and self-study.			
	 Have t 	echnological skills, soft skills and social skills towards Industry readiness and			
	for cor	ntribution to society.			
	Have	professional ethics, good communication and leadership capabilities for			
	contin	ued success in life.			
	To promote next level education				
	M.Tech	- Year-1, Sem-1			
	Subject Code	Subject Name			
	01RM0101	Research Methodology			
	01CA0101	Computational Methods in Mechanical Engineering			
	01CA0102	Advanced Machine Design			
	01CA0103	Computer Aided Design			
	01CA0104	Advanced Material Processing Techniques			
Annexure - 3					
Allilexure - 3	M.Tech - Year-	-1, Sem-2			
	Subject Code	Subject Name			
	01CA0201	Computer Aided Manufacturing			
	01CA0202	Computer Aided Production Management			
	01CA0203	Finite Element Analysis			
	01CA0204	Optimization Techniques			
	1				
	01CA0205	Oil Hydraulics and Pneumatics			
	01CA0205	Oil Hydraulics and Pneumatics			

Minutes of Meeting

B.O.S. for B.Tech. Mechanical Engineering

Date: 29/05/2019			Meeting No: 04	1
Start Time: 10:	01 AM	End Time: 01:00 AM		Total Time: 3:00 Hours
Presented by		Dr. Sarang Pande and Dr. R. M. Bhoraniya		
Agenda – 1	To final	ize curriculum structure of	B.Tech Mechan	ical UG Program
Resolution	 Syllabus and CO for 4th year subjects are discussed with BOS committee and approval was taken from the committee (Annexure-1) Experts suggested including polarized ray diagrams and measurement of stresses to be covered as practical in the subject of fundamental machine design. Expert suggested to include the IS standard for design of mechanical components Based on discussion with BOS committee and with reference to model curriculum of AICTE and with model curriculum of IIT-Madra, SRM-Chennai, following courses are included in the 4th year curriculum Project based course - Project-I and II Engineering core courses such as Finite element method, Rapid casting-1 & 2, Production technology Professional elective courses - Computer aided process management, Renewable energy engineering, Data mining and analysis, CFD, AI, Robotics, etc. 			
Agenda – 2	Review prograr		and Course out	come of Mechanical Engineering for PG
Resolution	•	 Syllabus and CO for 2nd year subjects are discussed with BOS committee and approval was taken from the committee. (Annexure-2) Based on discussion with BOS committee and with reference to model curriculum of AICTE and with model curriculum of IIT-Madras, SRM-Chennai, following courses are included in the 2nd year curriculum Rapid prototyping and Tooling. IoT for Manufacturing, Seminar in each semester. Dissertation Phase-I and Dissertation Phase-II Based on feedback received with various industries such as Bosch Automation, Jyoti CNC, Macpower and with reference to report of FICCI (The Federation of Indian Chambers of Commerce & Industry), CII (The Confederation of Indian Industry) Elective courses such as Robotics Engineering, Mechanics and Manufacturing of Composites, Rapid prototyping and Tooling, IoT for Manufacturing, Pressure Vessel and Piping Design, Micro and Nano Manufacturing. 		
Agenda – 3	Review	and Revision of syllabus		
Resolution	Experts from various MSME sectors suggested the topic of recent manufacturing methods in subject of advanced manufacturing processes.			



	• Expert suggested to increase weightage of marks for project-1 and project-2 in
	semester-7 and semester-8
Agenda - 4	Proposed Attainment for Course Outcome
	The target for CO attainment was set to 57% and the same was achieved .
Resolution	• It was decided by BOS members that a revised target of 59% for CO attainment is
	set for 2019-20 academic year students.
Agenda – 5	Introduction of course for skill development and employability
Resolution	 Based on Industry survey, to promote on industry academic interaction and to improve employability a skill improvement program has been started with the industry tie up-under which Rapid casting-1 and Rapid casting-2 subjects are approved for 4th year students. In which student will learn following four different modules of manufacturing industries - (1) Rapid methodology in metal casting (2) Rapid Tooling in metal casting (3) Inspection and Quality control (4) Automation and
	Simulation
Agenda – 6	Addition of Seminar in curriculum to spread awareness about latest technologies/new
	research/Innovation
Resolution	Based on Feedback received from students, industries and Research organizations
	to start the dissertation phase, student should rigorously go through the literature
	for one semester and present the report in seminar in M.Tech program.
Agenda – 7	Feedback of Teacher, student and professional bodies
Resolution	Feedback received from students, teachers and various professional bodies such as
	ASME, SAE discussion was made to host the state/national/international level event
	to provide a platform where they can innovate, compete, interact with various
	professional organizations as well as industry.
Agenda – 8	Any special points/ advise by members of Board of Studies
Resolution	 Experts suggested to encourage students to use the online open learning platform I such as swayam, where students can learn basic and advanced NPTEL courses. Expert suggested to include case study for the subject of FEA, Data mining and analysis, Artificial intelligence Dissertation phase- I and II should have equal weightages in both semesters of M.Tech program

В	OS Committee members:	Signature		
Meeting attended by: External Experts				
1.	Dr. D. P. Vakhariya	Luciu .		
2.	Dr. B. M. Ramani	Brun		
3.	Dr. S. B. Jadeja	Spiadeta		
4.	Mr. Anand Savaliya	A		
Μe	eeting Attended by: Marwadi Unive	ersity		
1.	Dr. R. L. Jhala	Ant +		
2.	Dr. Sarang Pande	Gande		
3.	Dr. Nikunj Rachchh	de		
4.	Dr. R. M. Bhoraniya	Rm3		
5.	Dr. Amit Sata	See		
ó.	Dr. Pinank Patel	Pal		

		Annexure	
	B.Tech - Year-4, Sem-7		
	Subject Code	Subject Name	
	01ME0701	Finite Elements Method	
	01ME0702	Project-1	
	01ME0703	Rapid Casting :I	
	01ME07**	Prog.Elec.3	
	01ME07**	Prog.Elec.4	
	*Program	me Elective 3	
	Subject Code	Subject Name	
	01ME0711	Advanced Machine Design	
	01ME0721	Computer Aided Process Management	
	01ME0731	Ref. & Air conditioning	
	01ME0741	Pneumatic and Hydraulic control	
	*Programm	ne Elective 4	
	Subject Code	Subject Name	
	01ME1722	Data Mining and Analysis	
	01ME0732	Renewable Energy Engineering	
	01ME0742	Ref. & Air conditioning	
Annexure-1			
	B.Tec	h - Year-4, Sem-8	
	Subject Code	Subject Name	
	01ME0801	Production Technology	
	01ME0802	Project-II	
	01ME0803	Rapid Casting :II	
	01ME08** 01ME08**	Prog.Elec.5 Prog.Elec.6	
		ramme Elective 3	
	Subject Code	Subject Name	
	01ME0811	Design of Pressure vessels	
	01ME0821	Computer Integrated Mfg.	
	01ME0831	Steam and Gas Turbine	
	01ME0841	Robotics & FMS	
	*Programm	ne Elective 4	
	Subject Code	Subject Name	
	01ME0812	Machine Tool Design	
	01ME0822	IOT for Manufacturing	
	01ME0832	Computational Fluid Dynamics	
	01ME0842	Artificial Intelligence	
	M.Tech - Year-1. Sem-3		
Annexure-2		·	
AIIICAUIC-Z	Subject Code	Subject Name	



01CA0301	Seminar
01CA0302	Dissertation Phase-I
01CA0305	Rapid prototyping and Tooling
	The process of the second seco
M.Tech - Year-2, Sem-4	
Subject Code	Subject Name
01CA0401	Seminar
01CA0402	Dissertation Phase-II
01CA0403	IoT for Manufacturing

Minutes of Meeting

B.O.S. for B.Tech. Mechanical Engineering

Date: May - 2020			Meeting No: 05	5 (online mode)	
Start Time: 02:00 PM		End Time: 04:00 PM		Total Time: 2:00 Hours	
Presented by		Dr. Nikunj Rachchh			
Agenda – 1	Review	of Curriculum structure a	nd Course outco	ome of Mechanical Engineering for UG &	
	PG prog	ram			
Resolution	•	 As per the expert's suggestion, changes are made in the syllabus of B.Tech and M.tech mechanical engineering as per guideline of AICTE. Based on the feedback received from the different stakeholders, a draft is created and a few revisions are made to the to the M.tech curriculum. 			
Agenda – 2	Review	and Revision of syllabus of	of UG		
 Experts suggested to include basic concepts of Data The Experts suggested to remove civil engineering d of engineering drawing and engineering graphics. Review of contents of metacentric height analysis, vertex flow analysis in Fluid mechanics subject 			neering drawing detail study in the subject aphics. analysis, elementary theory of notch and		
Agenda – 3 Review and Revision of syllabus of PG					
Resolution	•	transfer, Advanced Fluid Man Thermal Engineering, Composes based on Reseased on Reseased on discussion with Eareputed universities such core courses such Advance Refrigeration Engineering Program Elective will offer	Mechanics, Expendent of the Thermal Sylarch Methodolor Mechanical Engages Committee as as IIT-Madras, Societ Thermodyna wation & Manage etc. are also including in each semesters in the course		
Agenda - 4	Agenda - 4 Proposed Attainment for Course Outcome				
 The target for CO attainment was set to 59% and to the second of the seco					



Agenda – 5	Suggestion on making the curriculum inclined towards industrial integration.		
Resolution	For every tutorial 1 contact hour, 1 credit weightage to be given.		
	Allow to earn credits early and permit Dissertation work in industries.		
Agenda - 6	Proposed Value Aided Courses for M.Tech		
	It was decided by BOS member that value aided courses will be offered for M.tech		
Resolution	Students. Two courses proposed in meeting are Smart Manufacturing and Hands on		
	Practice – Open foam.		
Agenda – 7	Implementation of MOOC course		
Resolution	 University has purchased bulk licenses of coursera courses, so under MILAP (Marwad 		
	Integrated Learning & Analysis Programme) scheme free coursera courses are offered		
	to students for improvement of their skill and knowledge.		
Agenda – 8	Any special points/ advise by members of Board of Studies		
Danalistias	Ethical practices and Plagiarism norms recommended by UGC/AICTE for the		
Resolution	dissertation should be follow properly in M.tech program.		



BC	OS Committee members:	Signature		
Meeting attended by: External Experts				
1.	Dr. D. V. Bhatt	Dutt		
2.	Dr. B. M. Ramani	Bung		
3.	Dr. S. B. Jadeja	Spodeja		
4.	4. Mr. Anand Savaliya			
Me	eting Attended by: Marwadi Unive	ersity		
1.	Dr. R. L. Jhala	h + -		
2.	Dr. Sarang Pande	Sande		
3.	Dr. Nikunj Rachchh	LA		
4.	Dr. R. M. Bhoraniya	Pma		
5.	Dr. Amit Sata	De		
6.	Dr. Pinank Patel	Fel		

Annexure

M.Tech - Year-1, Sem-1

Subject Code **Subject Name**

01RM0101 Research Methodology

01CA0101 Computational Methods in Mechanical Engineering

01CA01*/01TH01* Program Elective-I 01CA01*/01TH01* Program Elective-II 01CA01*/01TH01* Program Elective-III

*Programme Elective-I

Subject Code **Subject Name**

01CA0102 Advanced Machine Design

01TH0102 Advanced Thermodynamics and Heat Transfer

*Programme Elective-II

01CA0103 Computer Aided Design 01TH0104 **Advanced Fluid Mechanics**

*Programme Elective-III

01CA0104 **Advanced Material Processing Techniques**

01TH0106 Design of Heat Exchanger

M.Tech - Year-1, Sem-2

Annexure-1 **Subject Code Subject Name**

> 01CA020*/01TH020* Program Elective-I 01CA020*/ 01TH020* Program Elective-II 01CA020*/ 01TH020* Program Elective-III 01CA020*/01TH020* Program Elective-IV 01CA020*/ 01TH020* Program Elective-V

> > *Programme Elective-I

Subject Code Subject Name

01CA0201 Computer Aided Manufacturing

01TH0201 Experimental Techniques and Instrumentation In Thermal Engineering

*Programme Elective-II

Subject Code Subject Name

01CA0202 **Computer Aided Production Management**

01TH0202 Computational Fluid Dynamics

*Programme Elective-III

Subject Code Subject Name 01CA0203 Finite Element Analysis 01TH0203 Solar Energy Engineering

*Programme Elective-IV



Subject Code Subject Name

01CA0204 **Optimization Techniques**

01TH0204 Design and Optimization of the Thermal Systems

*Programme Elective-V

Subject Name Subject Code

Oil Hydraulics and Pneumatics 01CA0205

01TH0205 **Energy Conservation & Management**

M.Tech - Year-2, Sem-3

Subject Code Subject Name

01CA0301/01TH0301 Seminar-I

01CA0302/01TH0302 Dissertation Phase-I 01CA030*/01TH030* Program Elective-I

*Programme Elective-I

Subject Name Subject Code

01CA0305 Rapid prototyping and Tooling 01TH0304 **Exergy Analysis of Thermal Systems**

M.Tech - Year-2, Sem-4

Subject Code Subject Name

01CA0401/01TH0401 Seminar-II

01CA0402/01TH0402 Dissertation Phase-II 01CA040*/01TH040* program Elective-I

*Programme Elective-I

Subject Code **Subject Name** 01CA0403 IoT for Manufacturing

01TH0404 Advanced Air conditioning Engineering

Minutes of Meeting

B.O.S. for B.Tech. Mechanical Engineering

Date: 19/06/2021			Meeting No: 0	6 (online mode)
Start Time: 11:00 AM		End Time: 12:00 PM	PM Total Time: 1 Hours	
Presented by		Dr. Pinank A Patel		
Agenda – 1	Review	of Mechanical Engineerin	g Department fo	or Academic Year 2020-21
Resolution	•	The Theory classes and lab with demonstration of experiments online were conducted during the last one year because of the pandemic. The teaching & learning process in online mode during the pandemic was appreciated.		
Agenda – 2	Teachir	ng Scheme of Semester-I 8	Semester-II as ¡	per new UGC/AICTE Guidelines
Course credits for engineering courses need to be revised to 160 credits as per guidelines provided by UGC/AICTE. To comply with this following revision approved by the BOS committee. Semester - I and Semester - II teaching schemes are redesigned as per revised a guidelines. Teaching hours for students can be kept around 27 hours per week. Subjects with end semester exams should not be more than 5 per semester. The contact hours for laboratory sessions can be increased to make students proficient for industry. Revision in syllabus of 01ME1101 - Elements of Mechanical Engineering, Resoled 01ME1102 Engineering Graphics and 01ME1104 - Mechanical Workshood approved. NCC is introduced with a teaching scheme of 1 hour theory and 2 hours labore for 2 credit courses in Semester - I and Semester - II. The student who opts for NCC will be given exemption from below menticourses. Value Education - Semester - I Indian Constitution - Semester - I Physical Education/Sports/Yoga - Semester - I Professional Ethics - Semester - II		ed to be revised to 160 credits as per the comply with this following revisions are demes are redesigned as per revised AICTE round 27 hours per week. Into the more than 5 per semester. Into sof Mechanical Engineering, Resolution 01ME1104 - Mechanical Workshop is the of 1 hour theory and 2 hours laboratory mester - II. Igiven exemption from below mentioned		
Agenda - 3	Teachir prograi	m		per new UGC/AICTE Guidelines for M.Tech
Resolution	•	guidelines provided by UC Semester - I and Semeste guidelines. (Annexure-1) Teaching hours for studer	GC/AICTE. r - II teaching sch nts can be kept a	need to be revised to 66 credits as per the nemes are redesigned as per revised AICTE round 20 to 22 hours per week. not be more than 5 per semester.



Research Methodology & IPR is introduced in 2 nd sem In line with the guidelines of UGC/AICTE Audit course is proposed in Semester - I and Semester - II Following courses are discussed and proposed for the semester 01AU9001- English for Technical writings; 01AU9002- Value Education; 01AU9003- Constitution of India, 01AU9004- Stress Management by Yoga, 01AU9005- Sanskrit for Technical Knowledge. As per new scheme 1 open elective offer in PG degree program Student have flexibility to take their subjects of interest for enhance the knowledge. Any one open elective during their entire PG course. Agenda - 3 Proposed Attainment for Course Outcome The target for CO attainment was set to 60% and the same was achieved. It was decided by BOS members that a revised target of 60% for CO attainment is set for 2021-22 academic year students. Agenda - 4 Introducing Creativity, Problem Solving and Innovation as a University Elective Subject Creativity, Problem Solving and Innovation subject is to be offered in 4th, 6th or 8th semester where interested students can choose as university elective course for 2 credits. Agenda - 5 Introduction of Indian Constitution Subject Indian Constitution subject is introduced with a teaching scheme of 1 hour theory as mandatory course as per AICTE guidelines Agenda - 6 Feedback from Members of Board of Studies Introducing NCC / NSS as a subject in the curriculum is appreciated. Interducing NCC / NSS as a subject in the curriculum is appreciated. The students can have flexibility to earn more credits during the semester based on the subjects offered.		1			
Resolution Resol		Revision in various subject syllabus carried out.			
Resolution Resol					
In line with the guidelines of UGC/AICTE Audit course is proposed in Semester - I and Semester - II Following courses are discussed and proposed for the semester 01AU9001- English for Technical writings; 01AU9002- Value Education; 01AU9003- Constitution of India, 01AU9004- Stress Management by Yoga, 01AU9005- Sanskrit for Technical Knowledge. As per new scheme 1 open elective offer in PG degree program Student have flexibility to take their subjects of interest for enhance the knowledge. Any one open elective during their entire PG course. Agenda - 3 Proposed Attainment for Course Outcome The target for CO attainment was set to 60% and the same was achieved. It was decided by BOS members that a revised target of 60% for CO attainment is set for 2021-22 academic year students. Agenda - 4 Introducing Creativity, Problem Solving and Innovation as a University Elective Subject Creativity, Problem Solving and Innovation subject is to be offered in 4th, 6th or 8th semester where interested students can choose as university elective course for 2 credits. Agenda - 5 Introduction of Indian Constitution Subject Indian Constitution subject is introduced with a teaching scheme of 1 hour theory as mandatory course as per AICTE guidelines Agenda - 6 Feedback from Members of Board of Studies Introducing NCC / NSS as a subject in the curriculum is appreciated. The students can have flexibility to earn more credits during the semester based on the subjects offered. Experts suggested to make it mandatory for all students to visit and prepare reports of 15 industries of various fields of Mechanical Engineering before completion of his/her graduation.	Agenda – 4	Review of syllabus for PG program			
The target for CO attainment was set to 60% and the same was achieved. It was decided by BOS members that a revised target of 60% for CO attainment is set for 2021-22 academic year students. Agenda – 4 Introducing Creativity, Problem Solving and Innovation as a University Elective Subject Creativity, Problem Solving and Innovation subject is to be offered in 4th, 6th or 8th semester where interested students can choose as university elective course for 2 credits. Agenda – 5 Introduction of Indian Constitution Subject Indian Constitution subject is introduced with a teaching scheme of 1 hour theory as mandatory course as per AICTE guidelines Agenda – 6 Feedback from Members of Board of Studies Introducing NCC / NSS as a subject in the curriculum is appreciated. The students can have flexibility to earn more credits during the semester based on the subjects offered. Experts suggested to make it mandatory for all students to visit and prepare reports of 15 industries of various fields of Mechanical Engineering before completion of his/her graduation.	Resolution	 In line with the guidelines of UGC/AICTE Audit course is proposed in Semester - I and Semester - II Following courses are discussed and proposed for the semester 01AU9001- English for Technical writings; 01AU9002- Value Education; 01AU9003- Constitution of India, 01AU9004- Stress Management by Yoga, 01AU9005- Sanskrit for Technical Knowledge. As per new scheme 1 open elective offer in PG degree program Student have flexibility to take their subjects of interest for enhance the knowledge. 			
The target for CO attainment was set to 60% and the same was achieved. It was decided by BOS members that a revised target of 60% for CO attainment is set for 2021-22 academic year students. Agenda – 4 Introducing Creativity, Problem Solving and Innovation as a University Elective Subject Creativity, Problem Solving and Innovation subject is to be offered in 4th, 6th or 8th semester where interested students can choose as university elective course for 2 credits. Agenda – 5 Introduction of Indian Constitution Subject Indian Constitution subject is introduced with a teaching scheme of 1 hour theory as mandatory course as per AICTE guidelines Agenda – 6 Feedback from Members of Board of Studies Introducing NCC / NSS as a subject in the curriculum is appreciated. The students can have flexibility to earn more credits during the semester based on the subjects offered. Experts suggested to make it mandatory for all students to visit and prepare reports of 15 industries of various fields of Mechanical Engineering before completion of his/her graduation.	A	Burney I Allein and Surger Colored			
It was decided by BOS members that a revised target of 60% for CO attainment is set for 2021-22 academic year students. Agenda – 4	Agenda - 3	•			
Creativity, Problem Solving and Innovation subject is to be offered in 4th, 6th or 8th semester where interested students can choose as university elective course for 2 credits. Agenda - 5	Resolution	• It was decided by BOS members that a revised target of 60% for CO attainment is set			
Resolution semester where interested students can choose as university elective course for 2 credits. Agenda – 5 Resolution Introduction of Indian Constitution Subject Indian Constitution subject is introduced with a teaching scheme of 1 hour theory as mandatory course as per AICTE guidelines Agenda – 6 Feedback from Members of Board of Studies Introducing NCC / NSS as a subject in the curriculum is appreciated. Interest of 1 hour theory as mandatory course as per AICTE guidelines Feedback from Members of Board of Studies Introducing NCC / NSS as a subject in the curriculum is appreciated. The students can have flexibility to earn more credits during the semester based on the subjects offered. Experts suggested to make it mandatory for all students to visit and prepare reports of 15 industries of various fields of Mechanical Engineering before completion of his/her graduation.	Agenda – 4	Introducing Creativity, Problem Solving and Innovation as a University Elective Subject			
Indian Constitution subject is introduced with a teaching scheme of 1 hour theory as mandatory course as per AICTE guidelines Regenda – 6 Feedback from Members of Board of Studies	Resolution	semester where interested students can choose as university elective course for 2			
Indian Constitution subject is introduced with a teaching scheme of 1 hour theory as mandatory course as per AICTE guidelines Regenda – 6 Feedback from Members of Board of Studies	Agenda – 5	Introduction of Indian Constitution Subject			
 Introducing NCC / NSS as a subject in the curriculum is appreciated. The students can have flexibility to earn more credits during the semester based on the subjects offered. Experts suggested to make it mandatory for all students to visit and prepare reports of 15 industries of various fields of Mechanical Engineering before completion of his/her graduation. 	Resolution	Indian Constitution subject is introduced with a teaching scheme of 1 hour theory			
 The students can have flexibility to earn more credits during the semester based on the subjects offered. Experts suggested to make it mandatory for all students to visit and prepare reports of 15 industries of various fields of Mechanical Engineering before completion of his/her graduation. 	Agenda – 6	Feedback from Members of Board of Studies			
Note: Meeting was scheduled virtually on Google Meet.	Resolution	 The students can have flexibility to earn more credits during the semester based on the subjects offered. Experts suggested to make it mandatory for all students to visit and prepare reports of 15 industries of various fields of Mechanical Engineering before completion of 			
	Note: Meeting	was scheduled virtually on Google Meet.			



во	S Committee members:	Signature		
Meeting attended by: External Experts				
1.	Dr. D. V. Bhatt	Duktt		
2.	Dr. B. M. Ramani	Bung		
3.	Mr. Anand Savaliya	Atm		
4	Amit chotai	Acheti		
Me	eeting Attended by: Marwadi Unive	ersity		
1.	Dr. R. L. Jhala	A No.		
2.	Dr. Sarang Pande	Sande		
3.	Dr. Nikunj Rachchh			
4.	Dr. R. M. Bhoraniya	P3		
5.	Dr. Amit Sata	Sor		
6	Dr. Pinank Patel	Paratel		

M.Tech - Year-1, Sem-1

Subject Code Subject Name

01CA11*/01TH01* Program Elective-I 01CA11*/01TH01* Program Elective-II 01CA11*/01TH01* Program Elective-III 01CA01*/01TH11* Program Elective-IV 01CA11*/01TH11* Program Elective-V 01CA11*/01TH11* Program Elective-V

010E900* Open Elective 01AU900* **Audit Course**

*Programme Elective-I

Subject Code Subject Name

01CA1101 Program Core-I (CAD)

01TH0102 Program Core-I (Advanced Heat Transfer)

*Programme Elective-II

01CA1102 Program Core-II (AMD)

01TH0104 Program Core-II (Advanced Fluid Mechanics)

*Programme Elective-III

01CA1103 Lab I: Program Core (CAD Lab)

Lab I: Program Core (Heat Exchanger Design) Annexure-1 01TH0106

*Programme Elective-IV

01CA0104 Lab-II: Program Core (AMD Lab)

01TH1104 Lab-II: Program Core (Thermal Engg. Lab)

*Programme Elective-V

01CA1111 Computational Methods in Mechanical Engg.

01TH1111 Computational Methods in Mechanical Engineering

*Programme Elective-VI

01CA1121 **Advanced Material Processing Techniques**

01TH1121 Advanced Refrigeration Engineering

M.Tech - Year-1, Sem-2

Subject Code	Subject Name
01CA020*/ 01TH020*	Program Elective-I
01CA020*/ 01TH020*	Program Elective-II
01CA020*/ 01TH020*	Program Elective-III
01CA020*/01TH020*	Program Elective-IV
01CA020*/ 01TH020*	Program Elective-V
01CA020*/ 01TH020*	Program Elective-VI
01SL1210	Research Methodology & IPR



*Programme Elective-I

Subject Code Subject Name

01CA1201 Program Core-III (CAM)

01TH1201 Program Core-III (Design and Optimizations of Thermal Systems)

*Programme Elective-II

Subject Code Subject Name

01CA1202 Program Core-IV (FEM)

01TH1202 Program Core-IV (Solar Energy Engg.)

*Programme Elective-III

Subject Code Subject Name

01CA1203 Lab III: Program Core (CAM Lab) 01TH1203 Lab III: Program Core (HVAC Lab)

*Programme Elective-IV

Subject Code Subject Name

01CA1204 Lab-IV: Program Core (FEM Lab)

01TH1204 Lab-IV: Program Core (Computational Fluid Flow & Heat Transfer Lab)

*Programme Elective-V

Subject Code Subject Name

01CA1211 Computer Aided Production Management

01TH1211 **Energy Conservation & Management**

*Programme Elective-VI

Subject Code Subject Name 01CA1221 **Optimization Techniques**

01TH1221 **Computational Fluid Dynamics**

Minutes of Meeting

Date: 13/05/2	017		Meeting No: ()2			
Start Time: 10.30 AM		End Time: 02:30 PM		Total Time: 3 Hours			
Presented by		Dr. Tarak Vora					
	•						
Agenda – 1	Welcon	ne of Board of Studies M	lember				
Resolutions	• Dr.	Tarak Vora, Professor &	Head, Civil Eng	gineering Department welcomed all			
	 the distinguished BoS Members. BoS Member: Dr. B. J. Shah, Principal, Government Engineering College, Modasa; BoS Member: Dr. S. V. Deo, Associate Professor, NIT, Raipur; BoS Member-Industry Expert: Er. Manish Doshi, Structural Consultant, Rajkot, BoS Introduction of invited BoS Member was given by Dr. Tarak Vora to all BoS members. Internal BoS Member: Dr. Ankur Bhogayata, Associate Professor & Head; Dr. Chirag Patel, Associate Professor. All the invited members were welcomed by all BoS Members. All the faculty members present in the BoS-02 were welcomed by Dr. Tarak Vora. 						
Agenda – 2	Appoin	tment of Member Secre	tory				
Resolutions	Dr. Sidd	harth Shah was appointe	ed as member s	secretory for the BoS.			
Agenda – 3		nation of Minutes on ns/suggestions of the pro	•	and action taken report on			
Resolutions	The minutes of previous meeting no. 01 held on 06/06/2016 were already circulated to all members. Dr. B. J. Shah and Dr. S. V. Deo accept the minutes of meeting. Since there is no major comment from any member, the chairman requested to accept the minutes.						
Agenda – 4	Agenda – 4 Review of Civil Engineering Department for Academic Year 2016-17						
 Dr. Ankur Bhogayata gave a brief presentation on various active academics, teaching learning methodology, student participating and non-technical events, students and faculty achievement 2016-17. Since B. Tech Civil Engineering program had started in A.Y 2016-have pass out from first year only. In the first year, courses are common for all branches of excurriculum was designed in such a way that in all subjects students. 			y, student participation in technical faculty achievements during A. Y. d started in A.Y 2016-17 so students or all branches of engineering and				

	practical approach with number of experimentations in labs and also improve		
	their various skills.		
Agenda – 5	Teaching Scheme of B. Tech. in Civil Engineering and detailed syllabus of Sem-3 &		
	 Semester – 3 and Semester – 4 teaching schemes and detailed syllabus are presented and approved in BoS meeting with gross agreement of all member present. Teaching and evaluation scheme for second year is courses are finalized and reported for the final approval. Course structure for third and fourth year of B. Tech Civil Engineering Program was finalized and present in BoS. The course structure in terms of credits and academic level should be mapped with learning level according Bloom's Taxonomy for all semesters. Introduction of Software Application in Civil Engineering (I to IV) is recommended in semester 3 to 6 which will be improve software skills of students. Following subjects are introduced in semester 3 and 4. 		
Resolutions	Semester Subject Code Subject Title 01MA0201 Engineering Maths-III 01Cl0301 Mechanics of Solids 01Cl0302 Building Planning & Drawing 3 01Cl0303 Surveying 01Cl0304 Fluid Mechanics 01Cl0305 Software Applications in Civil Engineering-I 01CR0301 Career Readiness Programme		
	01VE400 Entrepreneurship & Engineering Ethics 01Cl0401 Civil Engineering Materials & Construction 01Cl0402 Structural Analysis-1 4 01Cl0403 Basics of Geology & Geotechnical Engineering 01Cl0404 Advanced Surveying 01Cl0405 Concrete Technology 01Cl0406 Software Applications in Civil Engineering-II		
Agenda – 6	Discussion and approval of minor changes in syllabus.		
Resolutions	 Skill based elective courses 1) Reading and Writing for Technology and 2) Speaking and Presentation skills are introduced in place of communication skill course in 1st year courses. 		

Agenda – 7 Discussion and approval of skill-based/ humanity-based courses in the coming year. Resolutions • In each semester humanity or skill based course are introduced viz. career readiness program, entrepreneurship engineering & ethics, business benchmark. Agenda – 8 Discussion on feedback received from students, faculties, parents, alumni and employers regarding teaching-learning process in order to review and design the syllabus. • Syllabus of A.Y 2016-17 have been discussed with the stakeholders of the department including student/faculty/employee/alumni/parents and necessary inputs are collected from them for academic provision in new semester courses. Agenda – 9 Any other matter with the permission of the Chair. Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo Meeting Attended By: Industry Expert 1. Er. Manish Doshi		Subject Code	Subject Title		
Agenda – 7 Discussion and approval of skill-based/ humanity-based courses in the coming year. Resolutions In each semester humanity or skill based course are introduced viz. career readiness program, entrepreneurship engineering & ethics, business benchmark. Agenda – 8 Discussion on feedback received from students, faculties, parents, alumni and employers regarding teaching-learning process in order to review and design the syllabus. • Syllabus of A.Y 2016-17 have been discussed with the stakeholders of the department including student/faculty/employee/alumni/parents and necessary inputs are collected from them for academic provision in new semester courses. Agenda – 9 Any other matter with the permission of the Chair. Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 4. Dr. Chirag Patel		01SL0102	Reading and Writing for Technology		
Resolutions In each semester humanity or skill based course are introduced viz. career readiness program, entrepreneurship engineering & ethics, business benchmark. Agenda – 8 Discussion on feedback received from students, faculties, parents, alumni and employers regarding teaching-learning process in order to review and design the syllabus. Syllabus of A.Y 2016-17 have been discussed with the stakeholders of the department including student/faculty/employee/alumni/parents and necessary inputs are collected from them for academic provision in new semester courses. Agenda – 9 Any other matter with the permission of the Chair. Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo Meeting Attended By: Industry Expert Meeting Attended By: Industry Expert 4. Dr. Chirag Patel		01SL0103	Speaking and Presentation Skills		
Resolutions In each semester humanity or skill based course are introduced viz. career readiness program, entrepreneurship engineering & ethics, business benchmark. Agenda – 8 Discussion on feedback received from students, faculties, parents, alumni and employers regarding teaching-learning process in order to review and design the syllabus. Syllabus of A.Y 2016-17 have been discussed with the stakeholders of the department including student/faculty/employee/alumni/parents and necessary inputs are collected from them for academic provision in new semester courses. Agenda – 9 Any other matter with the permission of the Chair. Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo Meeting Attended By: Industry Expert Meeting Attended By: Industry Expert 4. Dr. Chirag Patel					
readiness program, entrepreneurship engineering & ethics, business benchmark. Agenda – 8 Discussion on feedback received from students, faculties, parents, alumni and employers regarding teaching-learning process in order to review and design the syllabus. • Syllabus of A.Y 2016-17 have been discussed with the stakeholders of the department including student/faculty/employee/alumni/parents and necessary inputs are collected from them for academic provision in new semester courses. Agenda – 9 Any other matter with the permission of the Chair. Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo Meeting Attended By: Industry Expert 4. Dr. Chirag Patel	Agenda – 7	Discussion and approval of sk	ill-based/ humanity-based courses in th	ne coming year.	
Agenda – 8 Discussion on feedback received from students, faculties, parents, alumni and employers regarding teaching-learning process in order to review and design the syllabus. • Syllabus of A.Y 2016-17 have been discussed with the stakeholders of the department including student/faculty/employee/alumni/parents and necessary inputs are collected from them for academic provision in new semester courses. Agenda – 9 Any other matter with the permission of the Chair. Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 4. Dr. Tarak Vora 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah 4. Dr. Chirag Patel	Resolutions	In each semester hur	manity or skill based course are introdu	iced viz. career	
Agenda – 8 Discussion on feedback received from students, faculties, parents, alumni and employers regarding teaching-learning process in order to review and design the syllabus. • Syllabus of A.Y 2016-17 have been discussed with the stakeholders of the department including student/faculty/employee/alumni/parents and necessary inputs are collected from them for academic provision in new semester courses. Agenda – 9 Any other matter with the permission of the Chair. Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 4. Dr. Tarak Vora 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah 4. Dr. Chirag Patel		readiness program,	entrepreneurship engineering & e	thics, business	
employers regarding teaching-learning process in order to review and design the syllabus. • Syllabus of A.Y 2016-17 have been discussed with the stakeholders of the department including student/faculty/employee/alumni/parents and necessary inputs are collected from them for academic provision in new semester courses. Agenda – 9 Any other matter with the permission of the Chair. Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 4. Dr. Tarak Vora 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah 4. Dr. Chirag Patel		benchmark.			
employers regarding teaching-learning process in order to review and design the syllabus. • Syllabus of A.Y 2016-17 have been discussed with the stakeholders of the department including student/faculty/employee/alumni/parents and necessary inputs are collected from them for academic provision in new semester courses. Agenda – 9 Any other matter with the permission of the Chair. Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 4. Dr. Tarak Vora 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah 4. Dr. Chirag Patel		•			
syllabus. • Syllabus of A.Y 2016-17 have been discussed with the stakeholders of the department including student/faculty/employee/alumni/parents and necessary inputs are collected from them for academic provision in new semester courses. Agenda – 9 Any other matter with the permission of the Chair. Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel	Agenda – 8	Discussion on feedback reco	eived from students, faculties, paren	ts, alumni and	
Syllabus of A.Y 2016-17 have been discussed with the stakeholders of the department including student/faculty/employee/alumni/parents and necessary inputs are collected from them for academic provision in new semester courses. Agenda – 9		employers regarding teaching	g-learning process in order to review	and design the	
Agenda – 9 Any other matter with the permission of the Chair. Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel		syllabus.			
Agenda – 9 Any other matter with the permission of the Chair. Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel		Syllabus of A.Y 2016-	17 have been discussed with the stake	eholders of the	
Agenda – 9 Any other matter with the permission of the Chair. Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel	Resolutions	department includi	ng student/faculty/employee/alumn	i/parents and	
Agenda – 9 Any other matter with the permission of the Chair. Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel	Resolutions	necessary inputs are collected from them for academic provision in new			
Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel		semester courses.			
Couse outcomes for all the courses of 1st and 2nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel					
Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 1. Dr. Tarak Vora 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel	Agenda – 9	·			
The following highlights were discussed/appreciated by the members. • All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. • First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel		1			
 All course outcomes of each subject should map effectively with respective program outcomes and program-specific outcomes. First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts Dr. B. J. Shah Dr. Tarak Vora Dr. Ankur Bhogayata Dr. Siddharth Shah Meeting Attended By: Industry Expert Dr. Chirag Patel 					
program outcomes and program-specific outcomes. First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel					
First year Course attainment is less than 50% which is not achieved as per target attainment. Modification in teaching-learning process is suggested. Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts Dr. B. J. Shah Dr. Tarak Vora Dr. Ankur Bhogayata Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel			, , , , , , , , , , , , , , , , , , , ,	with respective	
Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo Dr. S. V. Deo Dr. S. V. Deo Attended By: Industry Expert 4. Dr. Chirag Patel					
Note: Meeting was scheduled physically at MB062. Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel		,			
Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel		target attainment. Modification in teaching-learning process is suggested.			
Meeting Attended By: External Experts 1. Dr. B. J. Shah 2. Dr. S. V. Deo 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel	Noto, Mostin	a vene colo odvilo di selevici colle : =± 8 /	noca		
1. Dr. B. J. Shah 2. Dr. S. V. Deo 2. Dr. Ankur Bhogayata 3. Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel		· · · · · · · · · · · · · · · · · · ·		I I with a market	
 Dr. S. V. Deo Dr. Ankur Bhogayata Dr. Siddharth Shah Dr. Chirag Patel 	_	•		University	
3. Dr. Siddharth Shah Meeting Attended By: Industry Expert 4. Dr. Chirag Patel					
Meeting Attended By: Industry Expert 4. Dr. Chirag Patel					
	Meeting Atte	nded Rv: Industry Evnert			
I. El. Manisti Dostii	_		4. Dr. Cilliag Fater		
	I. LI.IVI	uman 1003m			

Department of Civil Engineering

Minutes of Meeting - Board of Studies A.Y. 2017-18

Sr. No.	Name	Designation	Sign
1	Dr. Shirish V. Deo	Member – BOS	13.5.17
2	Dr. B. J. Shah	Member – BOS	John
3	Mr. Manish V. Doshi	Member – BOS	Parallo
4	Dr. Ankur Bhogayata	Member – BOS	P
5	Dr. Tarak Vora	Member – BOS	Jm
6	Dr. Siddharth Shah	Member – BOS	611
7	Dr. Chiragbhai Patel	Member – BOS	(تىلىلىل



Minutes of Meeting

Date: 07/04/2018			Meeting No: 0)3	
Start Time: 10.30 AM End Time: 01:30 PM			Total Time: 3 Hours		
Presented by Dr. Tarak Vora					
Agenda – 1	Welcome of Board of Studies Member				
Resolutions	 Dr. Tarak Vora, Professor & Head, Civil Engineering Department welcomed the distinguished BoS Members. Introduction of invited BoS Member w given by Dr. Tarak Vora to all BoS members. 			ction of invited BoS Member was	
	Мо	odasa; BoS Member: Dr.	S. V. Deo, Ass	Government Engineering College, ociate Professor, NIT, Raipur; BoS, Structural Consultant, Rajkot, BoS	
			•	ofessor & Head, BVM Engineering tate Professor, IITRAM, Ahmedabad	
	Internal BoS Member: Dr. Ankur Bhogayata, Associate Professor & Head; Dr. Siddharth Shah, Professor & Head; Prof. Mazhar Dhankot, Assistant Professor				
	All the invited members were welcomed by all BoS Members.			y all BoS Members.	
	All the faculty members present in the BoS-03 were welcomed by Dr. Tarak Vora.				
Agenda – 2	Confirm	nation of Minutes (of Meeting	and action taken report on	
Ageilua – 2			•	and action taken report on	
Resolutions	decisions/suggestions of the previous BoS. The minutes of previous meeting no. 02 held on 13/05/2017 were already circulated to all members. Dr. B. J. Shah and Dr. S. V. Deo accept the minutes of meeting. Since there is no major comment from any member, the chairman requested to accept the minutes.				
Agenda – 3	Review	of Civil Engineering Dep	artment for Ac	ademic Year 2017-18	
Resolutions	 Dr. Ankur Bhogayata gave a brief presentation on various departmenta activities related to academic performance of student, student and faculty achievements, participation in FDP/STTP/Workshop and other national leve technical and non-technical events A. Y. 2017-18. MU-Fest event is organized in year 2017-18. Majority students have 				
		ticipated in various tech	•	• •	

Agenda – 4	Teaching Scheme of B. Tech. in Civil Engineering and detailed syllabus of Sem-5 & Sem-6.		
	 Semester – presented a Teaching all and reporte Course strukers finalized Introduction is introducted Department specialization 	and approved in and examination ed for the final and cture for the food and presented in of mini projected in semester 3 topofessional elems.	scheme for the third year is courses are finalized oproval. urth year of the B. Tech Civil Engineering Program I in BoS. named Project-based community services (I to IV)
	Semester	Subject Code	Subject Title
		01Cl0501	Hydrology and Water Resource Management
		01Cl0502	Structural Analysis - II
		01Cl0503	Highway Engineering
Resolutions		01Cl0504	Environmental Engineering
	_	01Cl0505	Software Applications in Civil Engineering - III
	5	01Cl0506	Project Based on Community Services - III
		01CR0501	Business Benchmark
		01Cl0507	Environmental Pollution
		01Cl0508	Disaster Management
		01Cl0509	Traffic Engineering
		01Cl0601	Transportation Engineering
		01Cl0602	Elementary Design of Structures
		01Cl0603	Advanced Geotechnical Engineering
	6	01Cl0604	Professional Practice & Valuation
		01Cl0605	Construction Technology & Safety Engineering
		01Cl0606	Software Applications in Civil Engineering - IV
		01Cl0607	Project Based on Community Services - IV
		01Cl0608	Energy Science & Engineering
	I		
Agenda – 5	Discussion and approval of M. Tech. in Civil Engineering teaching scheme and detailed syllabus of Sem-I & Sem-II.		
Resolutions	 New Program M.Tech in Civil Engineering with Specialization in Structural Engineering, Transportation Engineering and Geotechnical Engineering is introduced in this Academic year. 		

- Teaching schemes for M. tech Civil Engineering is proposed & detailed syllabus of 1st and 2nd semester are designed.
- Departmental electives are given in all semesters to provide flexibility in the curriculum.
- Following subjects are introduced in semester 1 and 2.

Semester	Subject Code	Subject Title		
	01VE0101	Research and Communication skills		
	01ST0101	Advanced Concrete Design		
	01ST0102	Advanced Structural Analysis		
	01ST0104	Analytical and Numerical Methods for Civil Engineering		
	01ST0103	Material Testing & Evaluation		
	01ST0105	Advanced Solid Mechanics		
	01TR0101	Urban Transportation system planning		
1	01TR0102	Traffic Engineering		
	01TR0103	Rail Transport Management system Planning & Design		
	01TR0104	Transportation System Management		
	01TR0105	Environmental Impact Assessment of		
		Transportation project		
	01GT0102	Advanced Soil Mechanics		
	01GT0103	Advanced Foundation Engineering		
	01GT0105	Pavement engineering		
	01GT0106	Rock mechanics		
	01ST0201	Advanced Steel Design		
	01ST0202	Earthquake Engineering & Structural Dynamics		
	01ST0203	Design of Tall Structures		
	01ST0206	Mini Project-1 (Structural Design)		
	01ST0204	Repair and Retrofitting of the Structures		
	01ST0205	Structural Optimization		
	01TR0201	Pavement Design		
	01TR0202	Road Safety Audit		
2	01TR0203	Traffic flow theory & Simulation		
	01TR0204	Mini Project-1		
	01TR0205	Advances in pavement materials and construction		
	01GT0201	Ground Improvement Technique		
	01GT0202	Soil Dynamics & Earthquake engineering		
	01GT0203	FEM in Geotechnical Engineering		
	01GT0204	Geosynthetic and its Applications		
	01GT0205	Geospatial techniques		
	01GT0206	Earth & Rockfill dams		

Agenda – 6	Discussion and approval of minor changes in syllabus of various courses of UG		
Resolutions	 In place of Engineering Mathematics-1 & Engineering Mathematics-II, the course of Differential and Integral Calculus (DAIC) and Matrix Algebra and Vector Calculus (MAVC) are implemented In place of Career Readiness Program, Revised course of Value Education is introduced As per the feedback received by the students in the previous academic year, more practical subjects are introduced. The revised courses, Material Testing & Evaluations (MTE), Advanced Surveying & Geomatics (AS&G), and Software Application in Civil Engineering-II (SACE-II). The subject name was suggested to be changed for Maths-3 with Applied Differential Equations (ADE). The course Entrepreneurship & Engineering Ethics is revised as Profession Ethics in 4th semester. 		
Agenda – 7	Discussion and approval of proposed open elective courses		
Resolutions	Open elective subject Energy Science and Engineering is proposed in semester 6.		
Agenda –8	Discussion and approval of proposed value-added courses		
Resolutions	 Learning and Development department would be offering SPT and SIG programs designed for the overall development of the student. Onsite training on Field Testing in Geotechnical Engineering to be given to students. 		
Agenda – 9	Discussion on feedback received from students, faculties, parents, alumni, and employers regarding the teaching-learning process in order to review and design the syllabus.		
Resolutions	Syllabus of A.Y 2017-18 have been discussed with the stakeholders of the department including student/faculty/employee/alumni/parents and necessary inputs are collected from them for academic provision in courses.		
Agenda – 10	Any other matter with the permission of the Chair.		
Resolutions	Couse outcomes for all the courses of 1 st and 2 nd year, Program outcomes and Program-specific outcome was discussed in detail. The following highlights were discussed/appreciated by the members.		



- Course attainment for A.Y 2017-18 is analyzed. As a result of the analysis, in all the semesters the course attainment is more than the target attainment.
- More electives based on specialization should be offered in the final year curriculum.
- Field training/ Internship/ Project should be included in the final year courses.

Note: The meeting was scheduled physically at MB062.

Meeting Attended By: External Experts

1. Dr. B. J. Shah

2. Dr. S. V. Deo

Meeting Attended By: Industry Expert

1. Er. Manish Doshi

Meeting Attended By: Marwadi University

- 1. Dr. Tarak Vora
- 2. Dr. Ankur Bhogayata
- 3. Dr. Siddharth Shah
- 4. Prof. Mazhar Dhankot

Sr. No.	Name	Designation	Sign
1	Dr. Shirish V. Deo	Member – BOS	Deo
2	Dr. B. J. Shah	Member – BOS	Som
3	Mr. Manish V. Doshi	Member – BOS	1 Smiles
4	Dr. Ankur Bhogayata	Member – BOS	P
5	Dr. Tarak Vora	Member – BOS	Jin
6	Dr. Siddharth Shah	Member – BOS	611
7	Prof. Mazhar Dhankot	Member – BOS	8



Minutes of Meeting

Date: 24/05/2019		Meeting No: 0	4	
Start Time: 10.30 AM End Time: 01:00 PM			Total Time: 2.5 Hours	
Presented by Dr. Tarak Vora		Dr. Tarak Vora		
Agenda – 1	Welcome of Board of Studies Member			
Resolutions	Dr. Tarak Vora, Professor & Head, Civil Engineering Department welcomed all			
	the	distinguished BoS Memb	oers.	
	Bos	S Member: Dr. B. J. S	hah, Principal,	Government Engineering College,
	Mo	dasa; BoS Member: Dr.	S. V. Deo, Ass	sociate Professor, NIT, Raipur; BoS
	Me	mber-Industry Expert: E	r. Jayant Lakhl	ani, Veteran Structural Consultant,
	Raj	kot, BoS Member-Alumn	i: Er. Harsh Sang	rhvi.
		roduction of invited BoS mbers.	Member was	given by Dr. Tarak Vora to all BoS
	Inv	ited BoS Member: Dr.	A.K. Varma, Pr	ofessor & Head, BVM Engineering
	Col	lege, V.V.Nagar; Dr. Yoge	sh Shah, Associa	ate Professor, IITRAM, Ahmedabad
	 All the invited members were welcomed by all BoS Members. All the faculty members present in the BoS-04 were welcomed by Dr. Tarak Vora. 			all BoS Members.
Agenda – 2	Appoint	ment of Member Secret	ory	
Resolutions	Prof. Kunal P. Shukla was appointed as member secretory for the BoS.			
	_			•
Agenda – 3	Confirmation of Minutes of Meeting and action taken report on decisions/suggestions of the previous BoS.			
Resolutions				07/04/2018 were already circulated
	to all members. Since there was no comment from any member, the chairman			
	request	ed to accept the minu	tes. Dr. B. J. S	Shah proposed the minutes to be
	accepted. Dr. S. V. Deo gave acceptance subsequently. The minutes were			equently. The minutes were then
	accepte	d.		
Agenda – 4	Review of Civil Engineering Department for Academic Year 2018-19			
	• Dr.	Tarak Vora gave a brief	presentation o	n various activities related to
Resolutions	aca	demics, student deve	lopment, facu	ilty development, research and
consultancy done by the department during A. Y. 2018-19.		g A. Y. 2018-19.		
	1			
Agenda – 5	Teachin Sem-VII	~	Civil Engineering	gand detailed syllabus of Sem-VII &
	1			

	• Competer VII and Com	postor VIII toaching schomos are designed and		
		Semester – VII and Semester – VIII teaching schemes are designed and proposed.		
	proposed.			
	Subject Code	Subject Title		
	01Cl0701	Design of Concrete Structure		
	01Cl0702	Irrigation Engineering		
	01Cl0703	Construction Project Management		
	01Cl0704	Project - I		
	01Cl0705	Earthquake Engineering		
	01Cl0706	Smart Cities		
	01Cl0707	Modern Transportation Systems		
	01Cl0708	Environment Impact Assessment		
Resolutions	01Cl0801			
	01Cl0801	Foundation Engineering Design of Steel Structure		
		7		
	01Cl0803	Project - II		
	01Cl0804	Advanced Structural Analysis		
	01Cl0805	Rehabilitation & Retrofitting of Structures		
	01Cl0806	Bridge Engineering		
	01Cl0807	Solid Waste Management		
	01Cl0808	Sustainable Building Technologies		
	01Cl0809	Prestressed Concrete Technology		
	01Cl0810	Infrastructure Engineering & Management		
	01Cl0811	Design of Formwork		
	01Cl0812	Masonry Structures		
Agenda – 6	Teaching Scheme of M. Tea	ch. in Civil Engineering and detailed syllabus of		
	Sem-III & Sem-IV.			
Desclutions		ing with Specialization in Structural Engineering,		
Resolutions	<u> </u>	ng and Transportation Engineering, Semester – III and		
	_	schemes are designed and proposed.		
		n Elective Courses are offered to give more liberty to		
	students to gain knowle	dge as per their choice.		
	Subject Code	Subject Title		
	01ST0301	Major Project -1		
	01ST0302	Seminar		
	01ST0303	Analysis of Laminated Composite Plates		
	01ST0304	Design of Prestressed Concrete Structures		
	01TR0303 01TR0304	Airport System Planning and Design Transportation Facility Design		
	01R0304 01GT0301	Environmental Geotechniques		
	01ST0401	Major Project -2		
	01ST0401	Seminar		
	01ST0403	Fracture Mechanics of Concrete Structures		
	01ST0404	Design of Plates and Shells		



Faculty of Technology Department of Civil Engineering

Minutes of Meeting - Board of Studies A.Y. 2019-20

mic year. ous level of cal national industry ign the one of the o		
ous level of cal national nd industry ign the		
ous level of cal national nd industry ign the		
ous level of cal national nd industry ign the		
ous level of cal national nd industry ign the		
ous level of cal national nd industry ign the		
nd industry ign the 018-19 have		
nd industry ign the 018-19 have		
nd industry ign the 018-19 have		
nd industry ign the 018-19 have		
nd industry ign the 018-19 have		
ign the 018-19 have		
ign the 018-19 have		
ign the 018-19 have		
018-19 have		
it illiciuullig		
J		
s are		
apping with		
analysis, the		
ot attained		
not attained		
ing-learning		
0 0		
site visit for		
versity		
reisity		
B. J. ShahS. V. DeoDr. Tarak VoraDr. Ankur Bhogayata		
רו י		



Sr. No.	Name	Designation	Sign
1	Dr. Shirish V. Deo	Member – BOS	Deo
2	Dr. B. J. Shah	Member – BOS	30am
3	Mr. Manish V. Doshi	Member – BOS	Tamalo
4	Dr. Ankur Bhogayata	Member – BOS	P
5	Dr. Tarak Vora	Member – BOS	Jun
6	Dr. Siddharth Shah	Member – BOS	SW



Minutes of Meeting

Date: 04/05/2020			5	
Start Time: 10		End Time: 01:30 PM	wiceting No. 0	Total Time: 3.0 Hours
Presented by	.30 AIVI	Dr. Tarak Vora		Total Time. 3.0 Hours
Fresented by		DI. Tatak Vola		
Agenda – 1	Wolcon	ne of Board of Studies M	lombor	
Resolutions				in a sing Demontration to the second all
Resolutions				ineering Department welcomed all
		e distinguished BoS Mem		Covernment Engineering College
			•	Government Engineering College, ociate Professor, NIT, Raipur; BoS
				hi, Veteran Structural Consultant,
		jkot.	LI. IVIAIIISII DOS	in, veteran structurar consultant,
	i i i i	NOt.		
	• Int	roduction of invited Bos	Memher was	given by Dr. Tarak Vora to all BoS
		embers.	ivicinisci vvas į	GIVEN BY Dr. Turuk voru to dii bos
			A.K. Varma. Pro	ofessor & Head, BVM Engineering
				ate Professor, IITRAM, Ahmedabad
		0, 0, 0	•	, ,
	• All	the invited members we	ere welcomed by	, all BoS Members.
			•	
	• All	the faculty members pr	esent in the Bo	S-05 were welcomed by Dr. Tarak
	Voi	ra.		
Agenda – 2	Appoint	tment of Member Secre	tory	
Resolutions	• Pro	of. Amit Thoriya was app	ointed as memb	er secretory for the BoS.
Agenda – 3	Confirm	nation of Minutes	of Meeting	and action taken report on
	decision	ns/suggestions of the pr	evious BoS.	
Resolutions	• The	ninutes of previous n		
		e minutes of previous in	neeting no. 04	held on 24/05/2019 were already
the chairman reque			_	held on 24/05/2019 were already s no comment from any member,
	ciro	culated to all members.	Since there wa	•
	ciro the	culated to all members. e chairman requested to	Since there wa	s no comment from any member,
	cird the mir	culated to all members. e chairman requested to	Since there wa accept the min r. S. V. Deo and	s no comment from any member, nutes. Dr. B. J. Shah proposed the Dr. Yogesh Shah gave acceptance
	cird the mir	culated to all members. e chairman requested to nutes to be accepted. D	Since there wa accept the min r. S. V. Deo and	s no comment from any member, nutes. Dr. B. J. Shah proposed the Dr. Yogesh Shah gave acceptance
Agenda – 4	circ the mir sub	culated to all members. e chairman requested to nutes to be accepted. D	Since there wa accept the min r. S. V. Deo and were then acce	s no comment from any member, nutes. Dr. B. J. Shah proposed the Dr. Yogesh Shah gave acceptance pted.
Agenda – 4	circ the mir sub	culated to all members. c chairman requested to nutes to be accepted. Do osequently. The minutes of Civil Engineering Dep	Since there was accept the minor. S. V. Deo and were then acce	s no comment from any member, nutes. Dr. B. J. Shah proposed the Dr. Yogesh Shah gave acceptance pted.
Agenda – 4	circ the mir sub Review	culated to all members. e chairman requested to nutes to be accepted. De psequently. The minutes of Civil Engineering Dep Tarak Vora gave a br	Since there was accept the min.r. S. V. Deo and were then acce	s no comment from any member, nutes. Dr. B. J. Shah proposed the Dr. Yogesh Shah gave acceptance pted.
Agenda – 4 Resolutions	circ the mir sub Review Dr. aca	culated to all members. e chairman requested to nutes to be accepted. De psequently. The minutes of Civil Engineering Dep Tarak Vora gave a br	Since there was accept the min.r. S. V. Deo and were then accepartment for Accept the presentation of the	s no comment from any member, nutes. Dr. B. J. Shah proposed the Dr. Yogesh Shah gave acceptance pted. ademic Year 2019-20 n on various activities related to lty development, research and
	Review Or. aca cor	culated to all members. e chairman requested to nutes to be accepted. Dependently. The minutes of Civil Engineering Dependently. Tarak Vora gave a breademics, student devensultancy done by the definition of the devensultancy done by the definition of the definit	Since there was accept the minor. S. V. Deo and were then accepartment for Accept the presentation of the partment during the same partment during	s no comment from any member, nutes. Dr. B. J. Shah proposed the Dr. Yogesh Shah gave acceptance pted. ademic Year 2019-20 n on various activities related to lty development, research and

Demonstration of experimentation in online mode in various labs is appreciated specifically. Agenda – 5 Discussion and approval of minor changes in syllabus of various courses of UG & Following are the minor changes was proposed and approved by BoS Members M.Tech Civil Engineering (Structural Engineering) Subject **Subject Title** Remarks Code 01ST1101 Advanced Concrete Design Basics of Foundation Design, IS Code Provisions, Types & Suitability of Different Types of Foundations, Design of Eccentric Isolated Column Footing, Design of Combined Footing, Design Resolutions of Strap 01GT1104 Application of Numerical Solution of Linear systems Statistical Methods in Civil and hypothesis testing has been added Engineering. 01ST1202 Structural Dynamics Response of Single Degree of Freedom Systems, **MDOF** and recent advances. **Design of Tall Structures** 01ST1203 Composite Structures has been added 01ST1204 Methods of SHM has been Structural Health Monitoring **Retrofitting of Structures** intrtoduced Agenda – 6 Discussion and approval of proposed value-added courses One value added course will be offered by MU-IIR center based on research Resolutions Various faculty development programs, Short term Training programs and workshops are planned for students and faculties. Agenda – 7 Discussion and approval for inclusion of new MOOC courses proposed by the faculty.



	Two MOOC courses from COURSERA are proposed to the students of 4 th and 6 th semester. Syllabus of the course is mapped with the content of the MOOC course. Learning of the content shall be done through MOOC and evaluation will be done by the subject faculty.				
	Semester	Subject code- Name	MOOC Course Title	Content mapped (%)	
Resolutions	1	Reading and Writing for technology / Speaking and Presentation skill	Communication skills for Engineering scholars	30%	
	4 Professional Ethics		Ethics, Technology and Engineering	25%	
Agenda – 8	employers reg syllabus.	arding teaching lear	ning process in orde	Ities, parents, alumni and r to review and design the	
Agenda – 8	employers reg syllabus. Teaching sche stakeholders o	earding teaching lear eme proposed in A	ning process in orde A.Y. 2016-17 have cluding student / fac	•	
Agenda – 8 Agenda – 9	employers reg syllabus. Teaching sche stakeholders o parents and ne	earding teaching lear eme proposed in A	ning process in orde A.Y. 2016-17 have located from them for the state of the stat	r to review and design the been discussed with the ulty / employee / alumni /	
	employers reg syllabus. Teaching sche stakeholders o parents and ne Any other mat Average CO-PC Then, the force highlights were The teaching sche year st Credit	eme proposed in A of the department increases ary inputs are content with permission attainment was actum was kept open a discussed/apprecial aching scheme shout transfer/exchange factors.	ning process in orde A.Y. 2016-17 have cluding student / factorized from them for the Chair. Inived abd for the discussion and the complete student of the complete student in the complete student	to review and design the been discussed with the ulty / employee / alumni / or academic improvisation. and suggestion. Following and suggestion. Following and exit, like after thirden.	
	employers reg syllabus. Teaching sche stakeholders o parents and ne Any other mat Average CO-PC Then, the force highlights were The teaching sche year st Credit Addition offered Addition studen Practice industri	eme proposed in A of the department increases ary inputs are content with permission attainment was actum was kept open a discussed/apprecial aching scheme shous tudents may get Dipletransfer/exchange factorial options to earn attainment shall be a lassignment shall be ry requirement can be	ning process in order A.Y. 2016-17 have cluding student / factorized from them for the Chair. Inived abd for the discussion and the discussion a	been discussed with the ulty / employee / alumni / or academic improvisation. and suggestion. Following and suggestion. Following and exit, like after third and the graph is be given to meritorious ents so that the gap as per	

Faculty of Technology Department of Civil Engineering

Minutes of Meeting - Board of Studies A.Y. 2020-21

Meeting Attended By: External Experts

- 1. Dr. B. J. Shah
- 2. Dr. S. V. Deo
- 3. Dr. A. K. Verma
- 4. Dr. Yogesh Shah

Meeting Attended By: Industry Expert

1. Er. Manish Doshi

Meeting Attended By: Alumni Member

1. Er. Harsh Sanghvi

Meeting Attended By: Marwadi University

- 1. Dr. Tarak Vora
- 2. Dr. Ankur Bhogayata
- 3. Dr. Siddharth Shah
- 4. Prof. Amit Thoriya

Sr. No	Name	Designation	Sign
1.	Dr. Tarak Vora	Chairman – BoS Committee HoD	Present - Online
2.	Dr. Ankur Bhogayata	Member – BoS Asso. Prof.	Present - Online
3.	Prof. Amit Thoriya	Member – BoS Assi. Prof.	Present - Online
4.	Dr. B. J. Shah	Member – BoS External Member	Present - Online
5.	Dr. Shirish V. Deo	Member – BoS External Member	Present - Online
6.	Er. Manish Doshi	Member – BoS Industrial Member	Present - Online
7.	Er. Harsh Sanghvi	Member – BoS Alumni Member	Present - Online
8.	Dr. Siddharth Shah	Invitee Professor	Present - Online
9.	Dr. A. K. Varma	Invitee External Member (Geotechnical Engineering)	Present - Online
10.	Dr. Yogesh Shah	Invitee External Member (Transportation Engineering)	Present - Online



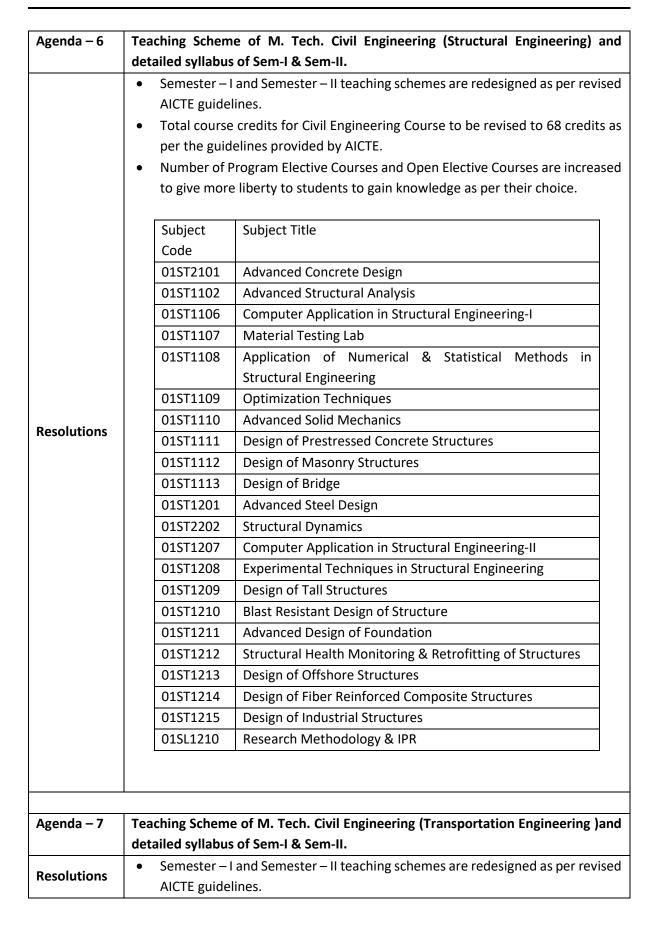
Minutes of Meeting

Date: 29/06/2	021		Meeting No: 0	06		
Start Time: 11		End Time: 02:30 PM		Total Time: 3.5 Hours		
Presented by		Dr. Tarak Vora				
	Diritarak vora					
Agenda – 1	genda – 1 Welcome of Board of Studies Member					
Resolutions				ineering Department welcomed all		
		distinguished BoS Mer	· · · · · · · · · · · · · · · · · · ·	e		
		o .		Government Engineering College,		
	Мс	dasa; BoS Member: D	r. S. V. Deo, Ass	ociate Professor, NIT, Raipur; BoS		
	Me	mber-Industry Expert:	Er. Jayant Lakhla	ani, Veteran Structural Consultant,		
	Raj	kot, BoS Member-Alum	ni: Er. Harsh Sar	nghvi.		
			S Member was	given by Dr. Tarak Vora to all BoS		
		mbers.				
			-	ofessor & Head, BVM Engineering		
	Col	lege, V.V.Nagar; Dr. Yog	gesh Shah, Associ	iate Professor, IITRAM, Ahmedabad		
	- 411	*h-a :':*a alaa la a		u all DaC Marahara		
	 All the invited members were welcomed by all BoS Members. 			y all Bos Members.		
	• All	the faculty members n	resent in the Bo	S-06 were welcomed by Dr. Tarak		
	 All the faculty members present in the BoS-06 were welcomed by Dr. T Vora. 					
	voia.					
Agenda – 2	Appoint	ment of Member Secre	etory			
Resolutions	Prof. An	nit Thoriya was appoint	ed as member se	ecretory for the BoS.		
	JI.					
Agenda – 3	Confirm	ation of Minutes	of Meeting	and action taken report on		
	decision	ns/suggestions of the p	revious BoS.			
Resolutions	The mi	nutes of previous me	eting no. 05 he	eld on 04/05/2020 were already		
	circulate	ed to all members. Sind	ce there was no	comment from any member, the		
				B. J. Shah proposed the minutes to		
		_	acceptance sub	sequently. The minutes were then		
	accepted.					
	T -					
Agenda – 4		of Civil Engineering De	<u>- </u>			
		-	•	n on various activities related to		
		•	•	ilty development, research and		
Resolutions		nsultancy done by the d	-			
			· ·	n online mode during the pandemic		
	is appreciated by reviewing syllabus coverage and student feedback.					

Faculty of Technology Department of Civil Engineering

Minutes of Meeting - Board of Studies A.Y. 2021-22

	Demonstration of appreciated specifications	experimentation in online mode in various labs ically.
Agenda – 5	Teaching Scheme of B. Sem-II.	Tech. in Civil Engineering and detailed syllabus of Sem-I
	AICTE guidelines. To per previous teach Number of Program to give more libert Either project or file NCC is introduced laboratory for 2 cres The student who do courses. Value E Indian (Physical)	emester – II teaching schemes are redesigned as per revise fotal credit offered to the students is 160 in place of 183 ing scheme. In Elective Courses and Open Elective Courses are increase by to students to gain knowledge as per their choice. In Elective Courses and Open Elective Courses are increased by to students to gain knowledge as per their choice. In Elective Courses and Open Elective Courses are increased by to students to gain knowledge as per their choice. In Elective Courses and Open Elective Courses are increased by the students of their choice. In Elective Courses and Open Elective Courses are increased by the students of their choice. In Elective Courses and Open Elective Courses are increased by the students of their choice. In Elective Courses and Open Elective Courses are increased by the students of their choice. In Elective Courses are increased by the students of their choice. In Elective Courses are increased by the students of their choice. In Elective Courses are increased by the students of their choice. In Elective Courses are increased by the students of their choice. In Elective Courses are increased by their choice. In Elective Courses are increased by the students of their choice. In Elective Courses are increased by their choice. In Elective Courses ar
	Subject Code	Subject Title
	01MA2101	Differential and Integral Calculus
Resolutions	01Cl1101	Elements of Civil Engineering
	01ME1101 01GS2101	Elements of Mechanical Engineering Engineering Physics
	01SL0102/	Reading writing for Technology/ Speaking &
	01SL0102/	Presentation Skills
	01EN1101	Basics of Environmental Studies
	01CR1103	Value Education
	01GS0103	Indian Constitution
	01AU0101	NCC-1
	01MA0103	Matrix Algebra and Vector Space
	01CE1101	Computer Programming
	01ME1102	Engineering Graphics
	01EE1101	Basics of Electrical & Electronics Engineering
	01ME1104	Workshop
	01PY0101	Physical Education/Sports/Yoga



- Total course credits for Civil Engineering Course to be revised to around 68 credits as per the guidelines provided by UGC/AICTE.
- Number of Program Elective Courses and Open Elective Courses are increased to give more liberty to students to gain knowledge as per their choice.

Subject	Subject Title		
Code			
01TR0106	Urban Mass Transit System		
01TR2102	Traffic Engineering		
01TR0107	Traffic Engineering Field Studies		
01TR0108	Computer Aided Design in Transportation Engineering		
01TR0109	Application of Numerical & Statistical Methods in		
	Transportation Engineering		
01TR0110	Economics and Evaluation of Transportation Projects		
01TR1103	Rail Transportation System Planning and Design		
01TR0111	Highway Geometric Design		
01TR0112	Planning , Design and construction of Rural Roads		
01TR1105	Environment Impact Assessment of Transportation Project		
01TR1201	Pavement Design & Maintenance		
01TR1202	Road Safety Audit		
01TR0207	Pavement Engineering Lab - Flexible pavement		
01TR0208	Pavement Engineering Lab - Rigid pavement		
01TR1203	Traffic Flow Theory		
01TR0209	Transportation System Management		
01TR0210	Public Transportation Planning		
01TR0211	Transportation Facility Design		
01TR1205	Advance Highway Material and Construction		
01TR0212	Regional and Mass Transportation System Planning		
01SL1210	Research Methodology & IPR		

Agenda – 8	Teaching Scheme of M. Tech. Civil Engineering (Geotechnical Engineering) and				
	detailed syllabus of Sem-I & Sem-II.				
Resolutions	 Semester – I and Semester – II teaching schemes are redesigned as per revised AICTE guidelines. Total course credits for Civil Engineering Course to be revised to around 68 credits as per the guidelines provided by UGC/AICTE. Number of Program Elective Courses and Open Elective Courses are increased to give more liberty to students to gain knowledge as per their choice. 				

	Subject Code	Subject Title	
	01GT1102	Advanced Soil Mechanics	
	01GT1102	Advanced Foundation Engineeri	ng
	01GT1103	Lab - I (Soil Mechanics)	TIE .
	01GT1108	Lab - II (Highway Material Testi	<u>.</u>
	01GT2104	''	Statistical Methods in
	21.072122	Geotechnical Engineering	
	01GT0109	Critical Soil Mechanics	
	01GT0110	Unsaturated Soil Mechanics	
	01GT1105	Pavement Engineering	
	01GT1106	Rock Mechanics	
	01GT0111	Offshore Geotechnical Engineer	ing
	01GT1201	Ground Improvement Techniqu	e
	01GT1202	Soil Dynamics & Earthquake eng	gineering
	01GT0207	lab - III (Sub Surface Investigation	on)
	01GT0208	lab - IV (Computer Application in	n Geotehnical Engineering)
	01SL1210	Research methodology and IPR	
	01GT1206	Earth & Rockfill dams Earth Retaining Structures Subsurface Investigation and Instrumentation Geosynthetics and Its Application	
	01GT0209		
	01GT0210		
	01GT1204		
	01GT0211	Forensic Geotechnical Engineer	ing
Agenda – 9	Discussion and a	oproval of minor changes in syllab	us of various courses of UG &
	PG.		
	upto 4 th sem	f syllabus of Mathematics is done a ester. yllabus of 01Cl0101–Elements of C	
	Subject Su Code	bject Title	Remarks
		ements of Civil Engineering	Brief introduction of the
	OTCITIOT EIG	ements of Civil Engineering	
			development of smart cities and construction
			projects added in module -
	018483404 5:	fformatial and lateral Calaulus	1.
	01MA2101 Di	fferential and Integral Calculus	Vector differential calculus
			and Vector Integral

			calculus are changed from
			semester 2 to semester 1.
01MA010)3	Matrix Algebra and Vector Space	Vector calculus and the
			Application of linear
			algebra using MATLAB are
			added in course.

M.Tech Civil Engineering (Structural Engineering)

Subject	Subject Title	Remarks
Code		
01ST1102	Advanced Structural Analysis	Numerical Integration and formation of stiffness matrix for local and global axis are added in content.
01ST1107	Material Testing Lab	List of experiments are added in course
01ST1108	Application of Numerical & Statistical Methods in Structural Engineering	Finite difference method, probability and distribution and solution of ordinary differential equation are added in course content
01ST1109	Optimization Techniques	Optimization technique Structural engineering application is added in the content.
01ST1110	Advanced Solid Mechanics	Few topics related to stress-strain analysis and theory of elasticity application are added.
01ST1201	Advanced Steel Design	Design of hollow steel section and pre- engineered building are added.
01ST1203	Design of Tall Structures	Use of commercially available software added.
01ST1212	Structural Health Monitoring & Retrofitting of Structures	Structural Assessment and Retrofitting are added.
01SL1210	Research Methodology & IPR	Research methodology and skills module is modified.

Agenda – 10

only.

Faculty of Technology Department of Civil Engineering

Minutes of Meeting - Board of Studies A.Y. 2021-22

Subject Code	Subject Title	Remarks
01TR0109	Application of Numerical & Statistical Methods in Geotechnical Engineering	Finite difference method probability and distribution are added in course content
01SL1210	Research Methodology & IPR	Research methodolog and skills module i modified.
Л.Tech Civil Eng	gineering (Geotechnical Engineering)	
Subject Code	Subject Title	Remarks
01GT1103	Advanced Foundation Engineering	Design of Special foundations has been removed
01GT2104	Application of Numerical & Statistical Methods in Geotechnical Engineering	Registration and statistical data analysi has been introduced.
01GT1105	Rock Mechanics	Stress-strain relationship of the Rock has been introduced along with RMR rating.
01GT1202	Soil Dynamics & Earthquake engineering	Dynamic properties of so and analysis of SDO system was introduced.
01GT1206	Earth & Rockfill dams	Graphical method of earthfill dam wa introduced
01GT1204	Geosynthetics and Its Application	Experimentations of Geosynthetics has been introduced.
01SL1210	Research Methodology & IPR	Research methodolog and skills module i modified.
iscussion and a	approval of proposed open elective co	urses

	have withir offere depar • For M	to opt any two such n 3 rd to 6 th semester. ed from any departr tment.	open elective subjective subjective students are given connect from the universe, student have to	e teaching scheme, student ects and have to complete hoice to select any subject ersity other than its own choose 2 audit course and ester.
Agenda – 11	Learn prograSoftw CenteSoftw Rajko	ams designed for the are training on ETA r, Rajkot to the stude are training on Civil 3 to the students.	t department would overall development BS to be done with nts. D is done with collab	d be offering SPT and SIG
Agenda – 12	faculty.	d approval for inclu		courses proposed by the
	semester. Syll	e content shall be do	mapped with the co	ntent of the MOOC course, and evaluation will be done
	semester. Syll Learning of th	e content shall be do	mapped with the co	ntent of the MOOC course.
	semester. Syll Learning of th by the subject	e content shall be do faculty. Subject code-	mapped with the colone through MOOC a	ntent of the MOOC course. nd evaluation will be done



Faculty of Technology

Department of Civil Engineering Minutes of Meeting - Board of Studies A.Y. 2021-22

A = 0 = 1 = 4	2 Discussion on familiar-laws of	d from atualoute foodbies assessed along the state								
Agenda – 1		ed from students, faculties, parents, alumni and								
		earning process in order to review and design the								
	syllabus.									
		ching scheme proposed in A.Y. 2016-17 and revised Teaching Scheme to be								
Resolutions	proposed in A.Y. 2021-22 have been discussed with the stakeholders of the									
	department including student/faculty/employee/alumni/parents and necessary									
	inputs are collected from them f	or academic improvisation.								
Agenda – 1	·									
	CO-PO attainment was discussed	d in detail with expert by the chair. As a result of								
	discussion, it is proposed to fl	oat detailed rubrics for the evaluation covering								
	students of all the levels.									
	Then, the forum was kept ope	en for the discussion and suggestion. Following								
	highlights were discussed/appre	ciated by the members.								
	 The teaching scheme should 	d allow multiple entry and exit, like after third year								
	students may get Diploma b	y default.								
	 Credit transfer/exchange fa 	cility should be given.								
	Additional options to earn	Additional options to earn extra credit in form of honors in degree can be								
	offered to meritorious stude	ents.								
	Additional option to earn m	or degrees can be given to meritorious students.								
	Practical assignment shall	pe given to the students so that the gap as per								
	industry requirement can be									
	, , , ,	a course in curriculum is appreciated.								
	· · · · · · · · · · · · · · · · · · ·									
Note: Meet	ting was scheduled virtually on Goo	gle Meet and physically at MB050-Departmental								
library.	,									
Meeting At	tended By: External Experts	Meeting Attended By: Marwadi University								
1. Dr.	B. J. Shah	1. Dr. Tarak Vora								
2. Dr.	S. V. Deo	2. Dr. Ankur Bhogayata								
3. Dr.	A. K. Verma	3. Dr. Siddharth Shah								
4. Dr.	Yogesh Shah									
Meeting At	tended By: Industry Expert									
1. Er.	Jayant Lakhlani									
Meeting At	tended By: Alumni Member									
1. Er.	Harsh Sanghvi									

Faculty of Technology

Department of Civil Engineering

Minutes of Meeting - Board of Studies A.Y. 2021-22

Sr. No	Name	Designation	Sign		
1.	Dr. Tarak Vora	Chairman – BoS Committee HoD	Fen		
2.	Dr. Ankur Bhogayata	Member – BoS Asso. Prof.			
3.	Prof. Amit Thoriya	Member – BoS Assi. Prof.	Present - Online		
4.	Dr. B. J. Shah	Member – BoS External Member	Present - Online		
5.	Dr. Shirish V. Deo	Member – BoS External Member	Present - Online		
6.	Er. Mandeep Shah	Member – BoS Industrial Member	Absent		
7.	Er. Harsh Sanghvi	Member – BoS Alumni Member	Present - Online		
8.	Dr. Siddharth Shah	Invitee Professor	Present - Online		
9.	Dr. A. K. Varma	Invitee External Member (Geotechnical Engineering)	Present - Online		
10.	Dr. Yogesh Shah	Invitee External Member (Transportation Engineering)	Present - Online		
11.	Mr. Jayant Lakhalani	Invitee Industrial Member	Present - Online		



Minutes of Meeting BOS for B. Sc. Chemistry and M. Sc. Chemistry

Data: 15/11/		Meeting No: 02									
Date: 15/11/ Start Time: 0		Meeting No. 02									
		Dr. American atainh Avova									
Presented by		Dr. Amarpreetsinh Arora									
	1	of Company and Charles in D. Co. Com 1									
Agenda – 1		ction of new course Environmental Studies in B. ScSem 1									
Resolution	Based on feedback received from the faculty, environment awareness and sustainability must be introduced to the graduates at initial stage and so the subject Environmental Studies has been incorporated in the curriculum. The need has been considered as the awareness of Environmental programmed included in UGC guidelines too.										
	syllabus apprecia given by	The first agenda of the meeting was presented with detailed discussion of syllabus of the course Environmental Studies. All the experts agreed and appreciated the efforts for the new course. The comments and suggestions given by the experts were incorporated in the syllabus and teaching scheme as per Annexure I .									
Agenda – 2		ction of new elective courses for Sem 1 and Sem 2 in B. Sc.									
	progran										
Resolution	courses needed benefit o capabili All the course. syllabus	on feedback from students and faculties, the skill development should be added to the programme. The elective courses are for employment, entrepreneurship and skill development. The of these courses was also to develop self-confidence and interaction ty in the field of job. Experts agreed and appreciated the efforts for the new elective. The experts suggested the following points related to the new of the subjects: Introduction of Reading and Writing for Science and Speaking and Presentation Skills in Sem 1, B. Sc. and introduction of English through Fiction and English through flovies Fiction in Sem 2, B. Sc. (Annexure II)									
Agenda – 3	Revision	of Physics-I and Physics-II in B. Sc.									
Resolution	have be according new revexperts	suggestions from faculties and students, the contents of subjects en proposed for Revision. The earlier syllabus contents were not ag to employment requirement in the field of science. Therefore, the ised contents added for benefit of multidisciplinary aspects. All the agreed for the Revision of subject Physics for both the semesters 1 hey agreed to change the whole contents of the syllabus (Annexure									



Faculty of Science Department of Chemistry Minutes of Meeting - Board of Studies A.Y. 2016-17

	III)
•	· ·
Agenda -4	Removal of Industrial Chemistry-I from M. Sc. Sem 1
Resolution	Students feedback has been considered for removal of the Industrial Chemistry course. As other subjects of M. Sc. course covered the part of industrial practice in the syllabus. In place of this subject, revision and inclusion of other subjects were focused. All the experts agreed for it to remove the subject from Sem 1, M. Sc. The comments and suggestions given by the experts were incorporated in the syllabus as Per Annexure IV and will be effective from 2017-18.
Agenda-5	Revision of Organic Chemistry-I and Analytical Chemistry-I
Resolution	On the basis of feedback received from the faculties, revision for Organic Chemistry-I and Analytical Chemistry-I has been taken into account. The employment, and entrepreneurship were the cause of changes. Revision has been agreed by all the experts for both the subject as per Annexure -V.
Agenda -5	Course attainment need to be look for implementation of outcome based education
Resolution	Experts agreed with this agenda and suggested that the course attainment will be calculated for B. Sc. and M. Sc. Chemistry students. 50% attainment will be set as initial.



Faculty of Science Department of Chemistry Minutes of Meeting - Board of Studies A.Y. 2016-17

Sr.	Member type	Name	Signature
1	Internal Member (Chairman)	Dr. Amarpreet Singh Arora	Hingh.
2	Internal Member	Dr. Vicky Jain	Diety.
3	Internal Member	Dr. Hetal Jebaliya	(00)
4	Internal Member	Dr. Mayank Mamtora	monjund
5	Internal Member	Dr. Mihir Oza	nte
6	External Member	Prof. (Dr.) Anamik Shah	Annik Shut
7	External Member	Dr. Naval Kapuriya	Zn.
8	External Member	Dr. Kamlesh Prasad	Rasno.





Teaching and Examination Scheme

Annexure I:

W.E.F. 2017-18

	B. Sc. Year I (S	emes	ster-I)			Evaluation Scheme						
			Teach	ing Scheme	(Hours)		Theory Marks			Tutorial/ Practical Marks		Total
Subject Code	Subject Name	Type	Theory	Tutorial	Practical	Credits	ESE(E)	IA	CSE	Viva (V)	Term work (TW)	Marks
02CY0101	CHEMISTRY –I	BS	4	0	2	5	50	30	20	25	25	150
02CY0102	FUNDAMENTAL CHEMISTRY - I	BS	4	0	2	5	50	30	20	25	25	150
02ES0131	ENVIRONMENTAL STUDIES	BS	3	0	2	4	50	30	20	25	25	150
02PY0132	PHYSICS –I	BS	4	0	2	5	50	30	20	25	25	150
02SL010X	ENGLISH (Elective)	BS	2	0	0	2	0	30	20	25	25	100
	Total		17	0	08	21	200	150	100	125	125	700

Subject Code	English Elective	Teaching Scheme (Hours per week)			Total Marks			
		Theory	ESE	IA	CSE	Viva	Term Work	
02SL0102	READING AND WRITING FOR SCIENCE	2 Hours	00	30	20	25	25	100
02SL0103	SPEAKING AND PRESENTATION SKILLS	2 Hours	00	30	20	25	25	100



Teaching and Examination Scheme

Annexure II:

W.E.F. 2017-18

	B. Sc. Year I (S	Semes	ster-I)			Evaluation Scheme						
			Teaching Scheme (Hours)				Theory Marks			Tutorial/ Practical Marks		Total
Subject Code	Subject Name	Type	Theory	Tutorial	Practical	Credits	ESE(E)	IA	CSE	Viva (V)	Term work (TW)	Marks
02CY0101	CHEMISTRY –I	BS	4	0	2	5	50	30	20	25	25	150
02CY0102	FUNDAMENTAL CHEMISTRY - I	BS	4	0	2	5	50	30	20	25	25	150
02ES0131	ENVIRONMENTAL STUDIES	BS	3	0	2	4	50	30	20	25	25	150
02PY0132	PHYSICS –I	BS	4	0	2	5	50	30	20	25	25	150
02SL010X	ENGLISH (Elective)	BS	2	0	0	2	0	30	20	25	25	100
	Total		17	0	08	21	200	150	100	125	125	700

Subject Code English Elective		Teaching Scheme (Hours per week)		Evaluation Scheme						
	Zinginon Zissuare		ESE	IA	CSE	Viva	Term Work			
02SL0102	READING AND WRITING FOR SCIENCE	2 Hours	00	30	20	25	25	100		
02SL0103	SPEAKING AND PRESENTATION SKILLS	2 Hours	00	30	20	25	25	100		



Teaching and Examination Scheme

W.E.F. 2017-18

B. Sc. Year I (Semester-II)

Evaluation Scheme

Subject Code	Subject Name	Tyma	Teaching Scheme (Hours)			Credits		Theory Mark	S	Tutori	Total	
Subject Code		Type	Theory	Tutorial	Practical	Credits	ESE(E)	IA	CSE	Viva (V)	Term work (TW)	Marks
02CY0151	CHEMISTRY –II	BS	4	0	2	5	50	30	20	25	25	150
02CY0152	FUNDAMENTAL CHEMISTRY –II	BS	4	0	2	5	50	30	20	25	25	150
02MA0181	CALCULUS AND STATISTICS	BS	4	2	0	5	50	30	20	25	25	150
02PY0182	PHYSICS –II	BS	4	0	2	5	50	30	20	25	25	150
02SL015X	ENGLISH (Elective)	BS	2	0	0	2	0	30	20	25	25	100
	Total		18	2	6	22	200	150	100	125	125	700

Subject Code	English Elective	Teaching Scheme (Hours per week)					Total Marks	
English Elective		Theory	ESE	IA	CSE	Viva	Term Work	
02SL0152	ENGLISH THROUGH FICTION	2 Hours	00	30	20	25	25	100
02SL0153	ENGLISH THROUGH MOVIES	2 Hours	00	30	20	25	25	100



Teaching and Examination Scheme

Annexure III:

W.E.F. 2017-18

	B. Sc. Year I (Semester-I)								Evaluation Scheme					
			Teach	Teaching Scheme (Hours)		Theory Marks			Tutorial/ Practical Marks		Total			
Subject Code	Subject Name	Type	Theory	Tutorial	Practical	Credits	ESE(E)	IA	CSE	Viva (V)	Term work (TW)	Marks		
02CY0101	CHEMISTRY –I	BS	4	0	2	5	50	30	20	25	25	150		
02CY0102	FUNDAMENTAL CHEMISTRY - I	BS	4	0	2	5	50	30	20	25	25	150		
02ES0131	ENVIRONMENTAL STUDIES	BS	3	0	2	4	50	30	20	25	25	150		
02PY0132	PHYSICS –I	BS	4	0	2	5	50	30	20	25	25	150		
02SL010X	ENGLISH (Elective)	BS	2	0	0	2	0	30	20	25	25	100		
	Total		17	0	08	21	200	150	100	125	125	700		

Subject Code	English Elective	Teaching Scheme (Hours per week)		Total Marks				
•	G	Theory	ESE	IA	CSE	Viva	Term Work	
02SL0102	READING AND WRITING FOR SCIENCE	2 Hours	00	30	20	25	25	100
02SL0103	SPEAKING AND PRESENTATION SKILLS	2 Hours	00	30	20	25	25	100



Teaching and Examination Scheme

W.E.F. 2017-18

B. Sc. Year I (Semester-II)

Evaluation Scheme

Subject Code	Subject Code Subject Name		Teaching Scheme (Hours)			Credits		Theory Mark	ss	Tutorial/ Practical Marks		Total
Subject Code	Subject Name	Туре	Theory	Tutorial	Practical	Credits	ESE(E)	IA	CSE	Viva (V)	Term work (TW)	Marks
02CY0151	CHEMISTRY –II	BS	4	0	2	5	50	30	20	25	25	150
02CY0152	FUNDAMENTAL CHEMISTRY –II	BS	4	0	2	5	50	30	20	25	25	150
02MA0181	CALCULUS AND STATISTICS	BS	4	2	0	5	50	30	20	25	25	150
02PY0182	PHYSICS –II	BS	4	0	2	5	50	30	20	25	25	150
02SL015X	ENGLISH (Elective)	BS	2	0	0	2	0	30	20	25	25	100
	Total		18	2	6	22	200	150	100	125	125	700

Subject Code	English Elective	Teaching Scheme (Hours per week)		Total Marks				
		Theory	ESE	IA	CSE	Viva	Term Work	
02SL0152	ENGLISH THROUGH FICTION	2 Hours	00	30	20	25	25	100
02SL0153	ENGLISH THROUGH MOVIES	2 Hours	00	30	20	25	25	100



Teaching and Examination Scheme

Annexure IV

W.E.F. 2017-18

M.Sc. Year I (Semester-I) **Evaluation Scheme** Tutorial/Practical **Teaching Scheme (Hours) Theory Marks Subject** Marks **Total Subject Name Credits Type** Code Viva Term work Marks **Practical** ESE(E) **CSE** Tutorial IA **Theory (V)** (TW) 02CY0401 Physical Chemistry-I BS 4 0 2 5 50 30 20 25 25 150 50 20 02CY1402 Inorganic Chemistry-I BS 5 0 2 6 30 25 25 150 Organic Chemistry-I 2 BS 5 50 20 25 25 02CY1403 0 6 30 150 02CY1404 BS 50 25 Analytical Chemistry-I 5 0 2 6 30 20 25 150 19 08 23 200 120 80 100 100 600 **Total**



Teaching and Examination Scheme

Annexure V

W.E.F. 2017-18

M.Sc. Y	ear I (Semester-I)	e-I) Evaluation Scheme										
Subject	G.I. AN	Т	Teachi	Teaching Scheme (Hours)		Credits		Theory Marks			Tutorial/ Practical Marks	
Code	Subject Name	Type	Theory	Tutorial	Practical	Credits	ESE(E)	IA	CSE	Viva (V)	Term work (TW)	Marks
02CY0401	Physical Chemistry-I	BS	4	0	2	5	50	30	20	25	25	150
02CY1402	Inorganic Chemistry-I	BS	5	0	2	6	50	30	20	25	25	150
02CY1403	Organic Chemistry-I	BS	5	0	2	6	50	30	20	25	25	150
02CY1404	Analytical Chemistry-I	BS	5	0	2	6	50	30	20	25	25	150
	Total		19	0	08	23	200	120	80	100	100	600



Date: 28/05/20	019		Meeting No: 01					
Start Time: 1	1:00 AM	End Time: 1:00 PM		Fotal Time: 2 Hours				
Chaired by		Dr. Sarang Pande	L					
Agenda – 1	Welcom	e of Board of Studies N	Iember					
	The Cha	irman BOS, Dr. Sarang	Pande, welcomed	all the members and experts of the				
Resolution	BOS pre	esent in the meeting. Co	mmittee members	put their innovative ideas, views,				
	suggestio	suggestions and fruitful discussion for the syllabus.						
Agenda – 2		Discussion on Vision, Mission, Program Outcomes (PO), Programs Specific						
		Outcomes (PSO) & Course Outcomes (CO) for 1st Year PG and UG (starting						
		xt academic year).						
Resolution	The depa	artment established Miss	ion and Vision (A	nnexure – II).				
	_	•		Marwadi University, stakeholders				
	like Inc	like Industrial experts, subject experts from other institute were consulted. Also						
	syllabus of AICTE model curriculum, GATE syllabus and syllabus of various							
	renown	ed institute/university w	as considered & a	draft was presented in department				
	meeting	•						
	Departn	nent had presented PSC	& PO as prescril	bed by NBA and course structure				
	for 1st y	year subjects of PG.						
	The PO	presented are in line wi	th OBE implemen	tation and as suggested by various				
	accredit	ation agencies/councils.	PO and PSO we	re finalized as per the attachment				
	(Annex	ure III).						
Agenda – 3			starting new PG	program in Electrical				
	Enginee							
				program in electrical engineering.				
	Head of	department suggested	the first specialize	zation of Power Electronics and				
	Electric	Drives as per the curre	ent trends in the i	industry and industry expert also				
Resolution	agrees w	vith the suggestion. Rep	orts from FAME	-I, FAME-II, Global EV outlook				
	_		-	of Electric vehicle was proposed				
			-	ment and possible employment				
	opportun	ities which may be creat	ted locally and glo	bally.				



Agenda – 4	To discuss and approve the overall teaching scheme of Post-Graduation
	Programme to be offered by Marwadi University in Electrical Engineering.
	Teaching schemes of Master of Technology Electrical Engineering with
Resolution	specialization "Electric Vehicle" & "Power Electronics & Electric Drive" are
Resolution	discussed and finalized. Alterations of few titles and credit hours are suggested and
	updated among syllabus.
Agenda – 5	Discussion on faculty feedback.
Resolution	As per the faculty feedback received the faculties have proposed syllabus/ change in
	syllabus which discussed in BOS meeting and following resolution were made. After
	due discussion & incorporation of suggestions from BOS members.
Agenda – 6	To discuss and approve the syllabus of Sem-1 and Sem-2 of Master of
	Technology (Electrical Engineering) Program.
Resolution	Syllabus of all subjects are discussed and updated. Alterations of few topics, books
	and elective subjects are suggested and updated among syllabus as per the
	feedback/comments by the industry experts.
Agenda – 7	Value Added Course, Co-Curricular, Extra Curricular activity and skill
	development course.
Resolution	Discussion to regularly conduct Co-Curricular, Extra Curricular activity considering
	the skill course, few workshops/Seminar/Trainings should be provided to improve
	the soft skills, software used in industries & other programs helping students to
	the soft skills, software used in industries & other programs helping students to
	the soft skills, software used in industries & other programs helping students to improve the employability/Skill Development/ Entrepreneurship. Marwadi
	the soft skills, software used in industries & other programs helping students to improve the employability/Skill Development/ Entrepreneurship. Marwadi University has separate vertical in the form of Learning & Development centre so
	the soft skills, software used in industries & other programs helping students to improve the employability/Skill Development/ Entrepreneurship. Marwadi University has separate vertical in the form of Learning & Development centre so their program like Special Interest Group (SIG), SPT & soft skills related program
	the soft skills, software used in industries & other programs helping students to improve the employability/Skill Development/ Entrepreneurship. Marwadi University has separate vertical in the form of Learning & Development centre so their program like Special Interest Group (SIG), SPT & soft skills related program should be offered similarly. Department can offer Hardware academy, courses on
	the soft skills, software used in industries & other programs helping students to improve the employability/Skill Development/ Entrepreneurship. Marwadi University has separate vertical in the form of Learning & Development centre so their program like Special Interest Group (SIG), SPT & soft skills related program should be offered similarly. Department can offer Hardware academy, courses on PLC SCADA automation, energy audit, Renewable energy source, Latex (For report
	the soft skills, software used in industries & other programs helping students to improve the employability/Skill Development/ Entrepreneurship. Marwadi University has separate vertical in the form of Learning & Development centre so their program like Special Interest Group (SIG), SPT & soft skills related program should be offered similarly. Department can offer Hardware academy, courses on PLC SCADA automation, energy audit, Renewable energy source, Latex (For report writing), Software (i.e. MATLAB) related training & Electric Vehicle (EV) etc.
Agenda – 8	the soft skills, software used in industries & other programs helping students to improve the employability/Skill Development/ Entrepreneurship. Marwadi University has separate vertical in the form of Learning & Development centre so their program like Special Interest Group (SIG), SPT & soft skills related program should be offered similarly. Department can offer Hardware academy, courses on PLC SCADA automation, energy audit, Renewable energy source, Latex (For report writing), Software (i.e. MATLAB) related training & Electric Vehicle (EV) etc.
Agenda – 8 Resolution	the soft skills, software used in industries & other programs helping students to improve the employability/Skill Development/ Entrepreneurship. Marwadi University has separate vertical in the form of Learning & Development centre so their program like Special Interest Group (SIG), SPT & soft skills related program should be offered similarly. Department can offer Hardware academy, courses on PLC SCADA automation, energy audit, Renewable energy source, Latex (For report writing), Software (i.e. MATLAB) related training & Electric Vehicle (EV) etc. looking to the current & future trends in industry.
	the soft skills, software used in industries & other programs helping students to improve the employability/Skill Development/ Entrepreneurship. Marwadi University has separate vertical in the form of Learning & Development centre so their program like Special Interest Group (SIG), SPT & soft skills related program should be offered similarly. Department can offer Hardware academy, courses on PLC SCADA automation, energy audit, Renewable energy source, Latex (For report writing), Software (i.e. MATLAB) related training & Electric Vehicle (EV) etc. looking to the current & future trends in industry. Implementation of Choice Based Credit System and non-credit courses.



Note: Meeting was scheduled physically at MB350.							
Meeting Attended By: External Experts Meeting Attended By: Internal Experts							
1. Dr. Vivek Pandya	1. Dr. Sarang Pande						
2. Mr. Dinesh Kapadiya	2. Dr Rajesh Patel						
3. Dr Ranjan Behera	3. Dr Jignesh Makwana						
	4. Mr. Amit Ved						
	5. Prof. Nishant Kothari						



Annexure - I

From:

Dr. Jignesh Makwana Associate Professor, Department of Electrical Marwadi University, Rajkot, Gujarat – 360 003

Date: 28th May, 2019

To,

The Registrar, Marwadi University, Rajkot, Gujarat – 360 003

Sub: Attendance sheet of 1st Board of Studies (BOS) meeting for Post graduate program, Electrical Engineering department, Faculty of PG Studies, Marwadi University

Dear Sir,

Please find herewith attendance sheet of Committee members:

Name of Committee Member	Designation & Affiliation	Signature
Prof.(Dr.) Sarang Pande Chairman (M) 757301280	Professor & Dean, PG Studies, Marwadi University	Sande
Prof.(Dr.) Vivek Pandya External Member (M)9824225220	Professor, EE Department School of Technology Pandit Dindayal Petroleum University	
Mr. Dinesh Kapadiya External Member (M)9712910816	Self Employed, Retd. General Manager, Hitachi Hirel Power Electronics Pvt. Ltd. Gandhinagar.	D. 7'
Dr. Rajesh Patel Internal Member (M)9601260123	Professor, Head, Electrical Engineering. Department, FOE, MEFGI	
Dr. Jignesh A. Makwana Internal Member (M) 8141879821	Associate Professor, EED, PG Studies. Marwadi University	John (
Mr. Amit Ved Internal Member (M) 9925148051	Associate Professor, & Head, Electrical Engineering. Department., FOT, MEFGI	sur!
(M) 9925148051 Nismant Lettran Mr. Fapankumar Trivedi Internal Member (M)9879419806 99981343	Sr. Assistant Professor, & Head, CECA) Power electronic & Electrical drives, FOPG, MEFGI	1993

Dr. Yignesh Makwana

Program Coordinator, EED, PG Studies

Marwadi University, Rajkot.



Annexure - II

Department Vision: -

To contribute in improving living quality by developing responsible, technical skilled, creative and industry ready Electrical Engineers in the global context.

Department Mission: -

- 1. To provide pleasant learning environment, platform to strengthen the skills and expand the interest of graduates
- 2. To develop individual research and thinking power to understand and solve society's and industry's problems related to electrical and electronics systems.
- 3. To encourage and provide support to be an entrepreneur by arranging idea sharing sessions with business mentors and motivating them to discover new opportunities including becoming Energy Auditor, Energy Manager and Consulting Engineer.
- 4. Inculcating attitudes, values, morals and vision that will prepare students for lifetime continued learning and leadership in their chosen careers.



Annexure - III

The Program Outcomes (PO) & Program Specific Outcomes (PSO) are as follows -

PO1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering
	problems.
PO2	Problem analysis: Identify, formulate, review research literature, and analyze complex
	engineering problems reaching substantiated conclusions using first principles of
	mathematics, natural sciences, and engineering sciences.
PO3	Design/development of solutions: Design solutions for complex engineering problems and
	design system components or processes that meet the specified needs with appropriate
	consideration for the public health and safety, and the cultural, societal, and environmental
PO4	considerations. Conduct investigations of complex problems: Use research-based knowledge and research
PO4	methods including design of experiments, analysis and interpretation of data, and synthesis
	of the information to provide valid conclusions.
PO5	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern
	engineering and IT tools including prediction and modeling to complex engineering
	activities with an understanding of the limitations.
PO6	The engineer and society: Apply reasoning informed by the contextual knowledge to assess
	societal, health, safety, legal and cultural issues and the consequent responsibilities relevant
	to the professional engineering practice
PO7	Environment and sustainability: Understand the impact of the professional engineering
	solutions in societal and environmental contexts, and demonstrate the knowledge of, and
	need for sustainable development.
PO8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and
7.00	norms of the engineering practice.
PO9	Individual and team work: Function effectively as an individual, and as a member or leader
DO10	in diverse teams, and in multidisciplinary settings.
PO10	Communication: Communicate effectively on complex engineering activities with the
	engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give
	and receive clear instructions
PO11	Project management and finance: Demonstrate knowledge and understanding of the
	engineering and management principles and apply these to one's own work, as a member
	and leader in a team, to manage projects and in multidisciplinary environments.
PO12	Life-long learning: Recognize the need for, and have the preparation and ability to engage
	in independent and life-long learning in the broadest context of technological change.

The Program Specific Outcomes (PSO) for UG Program are as follows –

PSO1	Students shall have knowledge and skills in Electrical and Electronics fields so as to grasp
	engineering trade-offs, analyse, design, and synthesize data and technical concepts to form
	products and solutions for the real life problems.
PSO2	Students shall have competence to take challenges associated with future technological
	issues associated with green energy, energy harvesters, energy conservators, energy cells,
	ocean energy, smart grid, wire-less energy transmission etc.

The Program Specific Outcomes (PSO) for PG Program are as follows –

PSO1	Ability to design, develop and troubleshoot major components of electric vehicle		
PSO2	Acquire skills for the design and control of power electronics-based solutions for energy		
	efficiency in industrial and residential applications		



Faculty of Liberal Studies

Second Board of Studies Meeting in Bachelor of Commerce (BOS-Commerce)

Minutes

Chaired by:

Dr. Sunil Kumar Jakhoria, Professor & Dean, Faculty of Liberal

Studies

Date:

10th August' 2017

Time:

3:25 PM - 6:40 PM

Venue:

BOARD ROOM-3rd Floor

The attendees:

The following members attended the meeting:

Dr. Sunil Kumar Jakhoria,

Professor & Dean, Faculty of Business Management and Faculty of Liberal Studies

Dr. Sanjay Bhayani,

Professor, Department of Business Management, Saurashtra University, Rajkot.

Dr. Hitesh Shukla,

Professor, Deptt. of Business Management, Saurashtra University, Rajkot.

Dr. Suneet Saxena,

Professor, Faculty of Liberal Studies

Dr. M. Srinivas Rao,

Professor, Faculty of Management Studies

Dr. Kapil Shrimal,

Assistant Professor & Programme Coordinator B.Com and BBA(FM) FOLS

Dr. Monica Verma,

Assistant Professor and Member Secretary BoS

Page 1 of 10

[Minutes]

2-BOS (10-August -2017)ean

Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

Agenda for discussion and approval:

Item No.BOS/02/01: To confirm the minutes of 1st meeting of BOS held on 13.08.2016.

The minutes of 1st BOS meeting held on 13.08.2016 were reviewed and confirmed as there were no comments from members.

Item No. BOS/02/02:

To report the action taken, where necessary, on the various decisions taken by the BOS in its 1st meeting held on 13.08.2016

The Board noted the action taken, where necessary, on the various decisions taken in its 1st meeting held on 13.08.2016. The Board also expressed its satisfaction on the action taken report on the various decisions taken in its 1st meeting held on 13.08.2016.

Item No. BOS/02/03:

Bachelor of Commerce - Approval of syllabus for 2nd year i.e. semester III & IV for the batch of 2016-19 and 2017-20.

B.com programme was introduced in the academic year 2016-2017. The Curricula, Syllabi and Scheme of examination for the introduction of the courses offered in Semesters III and IV for the candidates admitted in the B. Com Programme during the academic year 2016-2017 and 2017-18 was presented to the board members for deliberation and approval.

Conclusion:

The syllabi of semester III and IV were discussed and **approved** without any major changes. The same to be implemented for academic year 2017- 18 with a suggestion to do formatting. It was resolved as under:

"Resolved that all the syllabi for each course stands approved and are recommended for presentation to the Academic Council. Annexure -1

Item No. BOS/02/04: :

Bachelor of Commerce (2017-20)

- a) Approval of revision in Programme structure of 1st Year i.e., Semester I & II.
- b) Approval of 1st Year syllabus after changes i.e., semester I & II

The revision in 1st year curricula, Syllabi and Scheme of examinations for the candidates admitted in the B.Com Programme during the academic year 2017-2018 presented to the members for discussion and approval. The details of the same are as follows:

2-BOS (10-August -2017)

Page 2 of 10

[Minutes]

Faculty of Liberal Studies Marwadi University Rajkot-360003, Gujarat

Revision in Programme structure of 1st Year i.e. Semester I & II

for the candidates admitted in the B.Com Programme during the academic year 2017-2018

Comparative

Old/Estation	New/ Davised
Old/Existing	New/ Revised

Subject Code	Subject Name	Credits	Subject Code	Subject Name	Credits
		Sem	iester l		
04LS0101	Communication Skills-I	4	04LS1102	Principles of Management	4
04LS0102	Principles of Management	4	04LS1103	Micro Economics	4
04LS0103	Micro Economics	4	04BC0101	Financial Accounting- I	4
04LS0105	Fundamentals of Accounting	4	04BC0102	Business Mathematics	4
04LS0106	Business Mathematics	4	04LS1107	Computer Essentials	4
04LS0107	Computer Essentials		04CR0101	Career Readiness Programme**	2
				Elective (any one)	
			04SL0102	Reading and Writing for Business***	2
			04SL0103	Speaking and Presentation Skills***	2

Semester II

		26	mestern		
04LS0201	Communication Skills-II	4	04LS1203	Macro Economics	4
04LS0203	Macro Economics	4	04BC0205	Business Statistics	4
04LS0205	Statistics in Business	4	04BC0201	Financial Accounting- II	4
04LS0207	Financial Accounting - II	4	04BC0208	Business Environment	4
04LS0208	Business Environment	4	04LS1209	Fundamentals of Human Resource Management	4
04LS0209	Fundamentals of Human Resource Management	4	04LS0212	Applications of Spreadsheet***	2
04LS0210	Career Readiness Programme	2		Elective (any one)	
		4	04SL0152	English for Workplace***	2
			04SL0153	English through Films***	2

Note:

- 1. * courses discontinued
- 2. ** shifted to semester I
- 3. *** courses introduced

2-BOS (10-August -2017)

Page 3 of 10

[Minutes]

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

Introduction of New Courses

4. Reason for Introduction of New Courses — Batch: 2017-2019

Course Name	Feedback from stakeholders	Rational	Action to be taken
Reading and Writing for Business (RWB)	Recommendation from the Communication	To make learning of English easy and interesting. Give	RWB & SPS to be offered as elective course
Speaking and Presentation Skills (SPS)	Department of the University.	scholars coming from varied background to	in semester-I
English for Workplace (EW)		learn English the way it suits them and focus on	EW & ETF to be offered as
English through Films (ETF)		what they lack. For eg., a student already has good written English but is not good in presentation then such a student can opt for course of SPS rather than RWB.	elective course in semester-II
Applications of Spreadsheet	Suggestion from Programme coordinator	Most of the job openings require spreadsheet and word-processing software skills. Knowledge of excel will help Organize data in an easy-to-navigate way, Do basic and complex mathematical functions, Analyze data and make forecasting predictions and many more things	To be offered as core course in semester-II

5. Details of the new courses introduced:

Name of the Programme	Name of the Course	Semester	Batch	Year of Introduction
riogramme				74

2-BOS (10-August -2017)

Page 4 of 10

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

B.Com	Reading and Writing for Business	1	2017-20	2017-18
	Speaking and Presentation Skills	1	2017-20	2017-18
	English for Workplace	11	2017-20	2017-18
	English through Films	11	2017-20	2017-18
	Applications of Spreadsheet	11	2017-20	2017-18

Revision in the syllabus of the course

Reason for Revision

Course Name	Feedback from stakeholders	Rational	Action to be taken
Principles of Management	The subject faculty was of opinion that the existing course is covering topics already read by the student in 12 th std. and there are no advance level topics.	Will help student to learn over and above the knowledge he/she already has.	Principles of Management course revised
Micro Economics	Faculty felt the need to add few topics that were not there	Essential to be known at the UG level.	Micro Economics course revised
Fundamentals of Accounting	Faculty feedback to make the course content relevant to the B.Com programme	Essential to be known by a commerce graduate.	Fundamentals of Accounting course revised and renamed as "Financial Accounting- I"
Computer Essentials	Faculty feedback to remove theoretical component and add more of MS office.	Impart greater skills that help in employability	Computer Essentials course revised
Business Mathematics	Faculty feedback to remove few topics as the course was too lengthy to deliver in allotted sessions.	Will impart greater clarity and make learning effective	Business Mathematics course revised

2-BOS (10-August -2017)

Dean

Marwadi University

Page 5 of 10

Faculty of Libera Studies Rajkot - 360003, Gujarat

Macro Economics	Faculty felt the need to add few topics that were not there.	Essential to be known at the UG level.	Macro Economics course revised
Statistics in Business	Faculty feedback to incorporate topics relevant at UG level	differentiate it from the PG course	course revised and named as "Business Statistics"
Financial Accounting - II	Recommended by faculty in light of revision in semester -1 course "Fundamentals of Accounting"	Revision in "Fundamentals of Accounting" necessitated the revision.	Financial Accounting – II course revised
Business Environment	Faculty feedback as some of the acts & topics were overlapping/ repeated in other subject or not at all	Greater coverage during the entire programme.	Business Environment course revised
Fundamentals of Human Resource Management	Faculty feedback to remove theoretical component.	Impart greater skills that help in employability	E-Commerce course revised

Details of the courses revised

lame of the Course Name Programme		Semester	Batch	
	From	То		
B.Com	Principles of Management - 04LS0102 (Compulsory)	Principles of Management - 04LS1102 (Compulsory)	1	2017-20
	Micro Economics- 04LS0103 (Compulsory)	Micro Economics- 04LS1103 (Compulsory)	1	2017-20
	Fundamentals of Accounting- 04LS0105 (Compulsory)	Financial Accounting- I - 04BC0101 (Compulsory)	1	2017-20
	Computer Essentials - 04LS0107 (Compulsory)	Computer Essentials - 04LS1107 (Compulsory)	1	2017-20
	Business Mathematics - 04LS0106 (Compulsory)	Business Mathematics - 04BC0102 (Compulsory)	1	2017-20

2-BOS (10-August -2017)

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat Page 6 of 10



Macro Economics- 04LS0203 (Compulsory)	Macro Economics - 04LS1203 (Compulsory)	2	2017-20
Statistics in Business - 04LS0205 (Compulsory)	Business Statistics- 04BC0205 (Compulsory)	2	2017-20
Financial Accounting – II - 04LS0207 (Compulsory)	Financial Accounting – II 04BC0201 (Compulsory)	2	2017-20
Business Environment - 04LS0208 (Compulsory)	Business Environment - 04BC0208 (Compulsory)	2	2017-20
Fundamentals of Human Resource Management - 04LS0209 (Compulsory)	Fundamentals of Human Resource Management - 04LS1209 (Compulsory)	2	2017-20

Revision & shifting from one semester to other

Reason for Shifting & Revision

Course Name	Feedback from stakeholders	Rational	Action to be taken
Career Readiness Programme	Proposed by programme coordinator and reviewed in the PAC meeting	Shifting of the course is required for the program structure.	Career Readiness Programme course revised and shifted.

Details of the courses shifted

Course Name	Semester Batch Yea		Year of Introduction	
	From	То		-
Career Readiness Programme	11	1	2017-20	2017-18

2-BOS (10-August -2017)

Dean

Marwadi University

Page 7 of 10

444 a tender the

- POOF Tugger 1914

[Minutes]

Faculty of Liberal Studies Rajkot - 360003, Gujarat-

Courses Discontinued

Course Name	Feedback from stakeholders	Rational	Action to be taken
Discontinue course on Communication Skills in semester 1 & 2	PAC	To incorporate courses- Reading and Writing for Business, Speaking and Presentation Skills, English for Workplace and English through Films in the programme structure.	Discontinue from batch of 2017-20.

Conclusion:

The board deliberated on the proposal. The introduction of courses designed to make learning of English effective -Reading and Writing for Business, Speaking and Presentation Skills, English for Workplace and English through Films. Similarly, the inclusion of courses Applications of Spreadsheet, the members felt that the programme catered to the current market needs and offer industry specific skills accordingly it was resolved as under:

"Resolved that all the revision in course structure of 1st Year BBA(H) programme, courses, syllabi and teaching and evaluation scheme for each course stands approved and is recommended for presentation to the Academic Council." (Annexure 2- Approved syllabi of 1st Year i.e., semester I, &II)

Item No. BOS/02/05: To consider and approve courses of teaching and syllabi of non-Credit courses in addition to the courses included in the Programme Structure of B.Com.

The Board was informed that based on the feedback from the industry experts, the PAC proposed certification courses which a student has to complete in addition to the regular courses included in the programme structure of B.Com. These courses are incorporated to enhance the skills and abilities of the scholars. These courses are applicable from the batch of 2016 -19 for B.Com. Following courses were proposed:

a) Fundamental of Stock Market
b) Entrepreneurship Semester II
c) Personal Tax Planning Semester III
d) Advanced Excel Semester IV
e) Tally Semester V

2-BOS (10-August -2017)

Page 8 of 10

Dean
Faculty of Liberal Studies
Marwadi University
Rajkot - 360003, Gujarat

f) Export Documentation

Semester VI

The board reviewed the proposed courses and the syllabi. After due deliberation approved the same and resolved:

"Resolved that all the six course titles and the syllabi stand approved and is recommended for presentation to the Academic Council." Annexure 3

Item No.BOS/02/06:

To consider and approve PEO, PLO and PSO of Bachelor of Commerce applicable from the batch of 2016-19

The Proposed Programme Educational Objectives, Programme Learning Outcomes and Programme Specific outcomes were presented before the board. The members were informed that the feedback from the industry, faculty and students was taken before finalizing the PEOs, POs and PSOs for B.Com.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO1: To be able to make judgments and take decisions based on the analysis and evaluation of information for formulating responses to problems, including real-life problems.

PEO2: To develop an ability to work effectively as team members and leaders in multidisciplinary teams.

PEO3: To develop strong communication and interpersonal skills, broad domain knowledge, and an understanding of multicultural and global perspectives.

PEO4: To develop an understanding of the ethical choices inherent in the commerce profession.

PEO5: To develop professional integrity and humanitarian values to fulfill the wider societal concerns through engagement/extending the professional knowledge to community service/ projects.

PROGRAM LEARNING OUTCOMES (PLOS)

PLO1: To develop an ability to apply fundamental and specialized knowledge of commerce, accounting economics, and management for the solution of complex business problems.

PLO2 To be able to select and apply appropriate tools and techniques, resources, and modern business activities while being aware of their limitations.

PLO3: To embrace and practice constitutional, humanistic, ethical, and moral values in life, including universal human values of truth, righteous conduct, peace, love, nonviolence, scientific temper, and citizenship values.

PLO4: To develop an ability to demonstrate knowledge of business solutions, contemporary issues, and their implications on societal and environmental contexts, leading to sustainable development

PLO5: To apply ethical principles and commit to professional ethics, responsibilities, and business practice norms.

PLO6: To embrace a capability to lead a diverse team to accomplish common group tasks and goals

PLO7: To develop the capability to effectively communicate in writing and orally the constructs and methodologies adopted for the studies undertaken relating to the chosen fields of learning.

PLO8: To recognize the need for, and prepare for life-long learning in the broadest context of technological change, to acclimate themselves to a dynamic work environment.

2-BOS (10-August -2017)

Page 9 of 10

[Minutes]

Dean Faculty of Liberal English Marwadi University Rajkoi - 360003, Gujarat

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO 1: To demonstrate an understanding of the multi-dimensionality of the business environment to predict the character of the future business environment.

PSO 2: To be able to implement appropriate decisions in all areas of business management, especially accounting, finance, marketing, auditing, and, corporate governance.

PSO 3: To develop broad-based business skills and knowledge, as well as general and specific capabilities to meet the current and future national and global business, industry, and economic expectations.

The Board reviewed the proposed PEOs, POs and PSOs and approved the same for B. Com. And resolved:

"Resolve that Item No.BOS/02/06 is approved and is recommended to be presented to the Academic Council" Annexure 4

Item No. BOS/02/07: Discussion on Programme Outcome and Course Outcome attainment

The Board was informed that an analysis of CO attainment revealed that the targets set for the academic year 2016-17 at 40%, have been achieved.

Since the CO attainment is 66.67% which is well above the target, a revised target of 42% for CO attainment was proposed by PAC.

The Board noted the attainment levels for year 2016-17 and after due deliberations approved that CO attainment targets for year 2017-18 be set at 42%.

Resolved to approve Item No. BOS/02/07 and recommend the same to the Academic Council.

Item No. BOS/02/08: : Stakeholders Feedback

The Board was informed that the changes in the Programme Structure have been undertake base on the feedback collected by PAC from industry, academia experts, faculty, students and the alumni. The feedbacks received were incorporated in the curriculum.

The Board noted with satisfaction the feedback received and their incorporation in curriculum.

There being no other business, the meeting ended with a vote of thanks to all present.

(Dr. Monica Verma)

Member Secretary BOS.

(Dr. Sunil Kumar Jakhoria)

Chairman

2-BOS (10-August -2017)

Page 10 of 10

[Minutes]

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat



Faculty of Liberal Studies

Third Board of Studies Meeting in Bachelor of Commerce (BOS-Commerce)

Minutes

Chaired by:

Dr. Sunil Kumar Jakhoria, Professor & Dean, Faculty of Liberal

Studies

Date: Time: Saturday 26th May 2018

3:00 PM - 5:30 PM

Venue:

BOARD ROOM-3rd Floor

The attendees:

Dr. Sunil Kumar Jakhoria,

Professor & Dean, Faculty of Liberal Studies and Faculty of

Business Management

Chairperson

Dr. Sanjay Bhayani,

Professor, Department of Business Management, Saurashtra

University, Rajkot.

Dr. Monica Verma Assistant Professor

B.Com(H)

MS. Khushboo Ganatra,

Assistant Professor & Programme Coordinator B. Com and

Mr. Rakesh Patel,

Chief Consultant, SUMS Corpsolution and RAIN Group

Dr. M. Srinivasa Rao,

Professor, Faculty of Management Studies

Member Secretary

Member, External Academia

Member

Special Invitee

Special Invitee

3-BOS (26th May 2018)

Page 1 of 5

[Minutes]

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

The leave of absence was granted to:

Dr. H.C. Sardar,

Special Invitee

Professor.

Sheth Damodardas School of Commerce, Gujarat University.

Dr. Hitesh Shukala, Professor, Deptt. of Business Management, Saurashtra University, Rajkot. Member, External Academia

Prof. Sunil Kumar Jakhoria, Chairman, BOS and Dean Faculty of Liberal Studies Chaired the meeting and welcomed all the members to the third BOS meeting. The Chairman further expressed special thanks to Dr. Sanjay Bhayani and Mr. Rakesh Patel for sparing the time from their busy schedule to attend the meeting.

After that the agenda items were taken up and the Board decided/ recommended as under: -

Item No.BOS/03/01: To confirm the minutes of 2nd meeting of BOS held on 10.08.2017.

The minutes of 2nd BOS meeting held on 10.08.2017 were reviewed and confirmed as there were no comments from members.

Item No.BOS/03/02:

To report the action taken, where necessary, on the various decisions taken by the BOS in its 2nd meeting held on 10.08.2017

The Board noted the action taken, where necessary, on the various decisions taken in its 2nd meeting held on 10.08.2017. The Board also expressed its satisfaction on the action taken report on the various decisions taken in its 2nd meeting held on 10.08.2017.

Item No.BOS/03/03:

To consider and approve the syllabus for 3rd year i.e., semester V & VI of Bachelor of Commerce (2016-19) & (2017-20)

The Board went through the scheme and syllabus of 3rd year i.e., semester V & VI. Their suggestions are noted as given below:

- a) Add Credit at the top of each syllabus
- b) Use curriculum in place of Syllabus and Course in place of Subject as proposed by UGC.
- c) Insert details regarding Elective and Specialization courses ie., CBCS to be incorporated in all the Programmes.
- d) Try and incorporate learning outcome in each unit

3-BOS (26th May 2018)

Page 2 of 5

Faculty of Liberal Studies Marwadi University Rejket - 360003, Gujarat [Minutes]

MINISTER WATER OF THE PARTY OF

- e) Bifurcate the course content into Theory and Practical.
- f) Add specific case studies, List of speakers, Projects, skill imparted or to be imparted.
- "Resolved that the syllabus as noted above stands approved and is recommended for presentation to the Academic Council after incorporating the changes". Annexure 1
- Item No. BOS/03/04: a) To consider and approve Introduction of New Programme
 Bachelor of Commerce (Honours)
 - b) To consider and approve pogramme structure, teaching and evaluation scheme, and credit distribution.
 - c) To consider and approve syllabus of 1st year i.e. semester -1 & semester- II

Based on the feedback received from the students, industry and alumni the Programme Assessment Committee (PAC) approved and recommended the introduction of 3year **Bachelor of Commerce (Honours) [B.Com(Hons)].** The programme details were presented to the board members for their suggestions and approval.

Their suggestions are noted as given below:

- a) Add Credit at the top of each syllabus
- b) Use curriculum in place of Syllabus and Course in place of Subject as proposed by UGC.
- c) Insert details regarding Elective and Specialization courses ie., CBCS to be incorporated in all the Programmes.
- d) Try and incorporate learning outcome in each unit
- e) Bifurcate the course content into Theory and Practical.
- f) Add specific case studies, List of speakers, Projects, skill imparted or to be imparted.
- g) Change the subject name Audit to Auditing

"Resolved that the syllabus as noted above stands approved and is recommended for presentation to the Academic Council after incorporating the changes". Annexure 2(a),2(b)&2(c).

Item No.BOS/03/05:

To consider and approve PEO, PLO and PSO of Bachelor of Commerce and Bachelor of Commerce (Honours)

The Proposed Programme Educational Objectives, Programme Learning Outcomes and Programme Specific outcomes were presented before the board. The members were informed that the feedback from the industry, faculty and students was taken before finalizing the PEOs, POs and PSOs for B. Com (H).

3-BOS (26th May 2018)

Page 3 of 5

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO1: To be able to make judgments and take decisions based on the analysis and evaluation of information for formulating responses to problems, including real-life problems.

PEO2: To develop an ability to work effectively as team members and leaders in multidisciplinary teams.

PEO3: To develop strong communication and interpersonal skills, broad domain knowledge, and an understanding of multicultural and global perspectives.

PEO4: To develop an understanding of the ethical choices inherent in the commerce profession.

PEO5: To develop professional integrity and humanitarian values to fulfill the wider societal concerns through engagement/extending the professional knowledge to community service/ projects.

PROGRAM LEARNING OUTCOMES (PLOS)

PLO1: To develop an ability to apply fundamental and specialized knowledge of commerce, accounting economics, and management for the solution of complex business problems.

PLO2 To be able to select and apply appropriate tools and techniques, resources, and modern business activities while being aware of their limitations.

PLO3: To embrace and practice constitutional, humanistic, ethical, and moral values in life, including universal human values of truth, righteous conduct, peace, love, nonviolence, scientific temper, and citizenship values.

PLO4: To develop an ability to demonstrate knowledge of business solutions, contemporary issues, and their implications on societal and environmental contexts, leading to sustainable development

PLO5: To apply ethical principles and commit to professional ethics, responsibilities, and business practice norms.

PLO6: To embrace a capability to lead a diverse team to accomplish common group tasks and goals

PLO7: To develop the capability to effectively communicate in writing and orally the constructs and methodologies adopted for the studies undertaken relating to the chosen fields of learning.

PLO8: To recognize the need for, and prepare for life-long learning in the broadest context of technological change, to acclimate themselves to a dynamic work environment.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- **PSO 1**: To demonstrate an understanding of the multi-dimensionality of the business environment to predict the character of the future business environment.
- **PSO 2**: To be able to implement appropriate decisions in all areas of business management, especially accounting, finance, marketing, auditing, and, corporate governance.
- **PSO 3:** To develop broad-based business skills and knowledge, as well as general and specific capabilities to meet the current and future national and global business, industry, and economic expectations.

The Board reviewed the proposed PEOs, POs and PSOs and approved the same for B. Com (Hons). And resolved:

"Resolve that Item No.BOS/03/05 is approved and is recommended to be presented to the Academic Council" Annexure 3

3-BOS (26th May 2018)

Dean Page 4 of 5
Faculty of Liberal Studies
Marwadi University
Raikot - \$60003, Gujarat

Item No. BOS/03/06: Discussion on Programme Outcome and Course Outcome attainment

The Board was informed that an analysis of CO attainment revealed that the targets set for the academic year 2017-18 at 42%, have been achieved.

Since the CO attainment for B.Com is well above the target, a revised target of 44% for CO attainment was proposed by PAC.

The Board noted the attainment levels for year 2017-18 and after due deliberations approved that CO attainment targets for year 2018-19 be set at 44% for both B.Com and B.Com (Hons).

Resolved that Item No. BOS/03/06 is approved and recommend the same to the Academic Council.

Item No. BOS/03/07: : Stakeholders Feedback

The Board was informed that the new programme B. Com (H) and the Programme Structure have been framed after take in account the feedback collected by PAC from industry, academia experts, faculty, students and the alumni. The feedbacks received were incorporated in the curriculum. The Board noted with satisfaction the feedback received and their incorporation in curriculum.

There being no other matter, the meeting was concluded with a vote of thanks to the chair.

(Dr. Monica Verma) Member Secretary BOS. (Dr. Sunil Kumar Jakhoria) Chairman

Dean
Faculty of Liberal Studies
Marwadi University
Rajkot - 360003, Gularat





Faculty of Liberal Studies

Fourth Board of Studies Meeting in Bachelor of Commerce (BOS- Commerce)

Minutes

Chaired by:

Dr. Sunil Kumar Jakhoria, Professor & Dean, Faculty of Liberal

Studies

Date: Time: Saturday 15th June 2019

3:00 PM - 6:00 PM

Venue:

BOARD ROOM-3rd Floor

Minutes of the Fourth Board of Studies in Commerce, Faculty of Liberal Studies held on 15th June, 2019 at 03.00 p.m. in the Board Room-3rd Floor Marwadi Campus.

The attendees:

The following members attended the meeting:

Dr. Sunil Kumar Jakhoria, Professor & Dean, Faculty of Liberal Studies and Faculty of Business Management	Chairperson
Dr. Sanjay Bhayani, Professor, Department of Business Management, Saurashtra University, Rajkot.	Member, External Academia
Dr. Hitesh Shukla, Professor, Deptt. of Business Management, Saurashtra University, Rajkot.	Member, External Academia
Dr. Monica Verma Assistant Professor	Member Secretary
MS. Khushboo Ganatra Assistant Professor & Programme Coordinator B. Com and B.Com(H)	Member

4-BOS (15-June-2019)

Page 1 of 5

Minutes

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat Prof. Sunil Kumar Jakhoria, Dean Faculty of Liberal Studies Chaired the meeting and welcomed the members for attending the 4th BOS meeting. He expressed his special thanks to Dr. Sanjay Bhayani and Dr. Hitesh Shukla for their valuable presence. He also briefed the BoS about the progress of the Faculty.

After that, the agenda items listed were taken up for discussion and the following resolutions were passed.

Item No.BOS/04/01:

To confirm the minutes of 3rd meeting of BOS held on 26th May'2018.

The minutes of 3rd BOS meeting held on 26th May, 2018 were circulated among the BOS members. Since no comment has been received, this BOS has approved the minutes of the 3rd BOS meeting.

Item No.BOS/04/02:

To report the action taken, where necessary, on the various decisions taken by the BOS in its 3rd meeting held on 26.05.2018

As part of the action taken on the resolutions of Third BOS meeting the members were informed that actions have been take on all the suggestions except bifurcate the course content into Theory and Practical and incorporating learning outcome in each unit; which is in process. The Board noted the action taken, where necessary, on the various decisions taken in its 3rd meeting held on 26.05.2018 and expressed their satisfaction on the action taken report on the various decisions taken in its 3rd meeting.

Item No.BOS/04/03:

To consider and approve syllabus for 2nd and 3rd year i.e. semester III,IV,V & VI of Bachelor of Commerce (Honours)

The BOS discussed the item and approved the syllabuses of semester and resolved as under:

"Resolved that the semester III,IV,V & VI syllabus stands approved and is recommended for presentation to the Academic Council". Annexure I

Item No.BOS/04/04:

To consider and approve Introduction of Money, Banking and Exchange as a elective course in semester –I in B.Com for the students admitted in academic session 2019-20

The introduction of the course was presented to the members for discussion and approval. The details of the same are as follows:

4-BOS (15-June-2019) Dean

Page 2 of 5

Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat Minutes

TO SUUDOL TOPPS

25 MANAGER AND IT THE

Reason for Introduction of New Courses — Batch: 2019-22

Course Name	Feedback from stakeholders	Rational	Action to be taken
Money, Banking and	Dr. Monica Verma	To make the commerce	To be
Exchange	suggested this course and	graduates have a in-	introduced as
	the PAC deliberated and	depth understanding of	elective course
	recommended to be	evolution, types,	in semester -1
	presented to Board of	various standards of	
	Studies	money along how its	
		exchange values are	
		fixed	

The board deliberated on the proposal and resolved as under:

"Resolved that the suggested course stand approved to be offered as elective and is recommended for presentation to the Academic Council". Annexure II

Item No.BOS/04/05:

To consider and approve revision in the course content of Tally ERP 9(04BC0507) in B.Com semester-V

The members were presented with details of revision in the syllabus of the course *Tally ERP 9*. The details are as follows:

Reason for Revision

Course Name	Feedback from stakeholders	Rational	Action to be taken
Tally ERP 9. (04BC0507) in B.Com semester -5	The subject faculty recommended the revision as the existing course content was too elementary and there is need to expand the content. And to use updated and latest version of tally that adds up the latest updates of the accounts or taxation policy like removing VAT and introducing GST.	Will help student to acquire more understanding of tally and have hands on latest version so as to be market ready	Tally ERP 9. course revised (04BC1507)

4-BOS (15-June-2019)

Dean
Faculty of Liberal Studies
Marwadi University
Rajkot - 360003, Gujarat

Page 3 of 5



	The suggestion was deliberated by PAC and accepted for presentation to the BoS	
--	--	--

Details of the course revised

Course Name	Semester	Batch	Year of Revision
Tally ERP 9. (04BC1507)	V	2017-20	2019-20

The BOS reviewed the item and resolved as under:

"Resolved that the suggested modification stand approved and is recommended for presentation to the Academic Council". Annexure III

Item No. BOS/04/06: Discussion on Programme Outcome and Course Outcome attainment

The Board was informed that an analysis of CO attainment revealed that the targets set for the academic year 2018-19 at 44%, have been achieved.

Since the CO attainment of B.Com and B.Com (Hons) are well above the target, a revised target of 46% for CO attainment was proposed by PAC.

The Board noted the attainment levels for year 2018-19 and after due deliberations approved that CO attainment targets for year 2019-20 be set at 46%.

Resolved that Item No. BOS/04/06 is approved and recommend the same to the Academic Council.

Item No. BOS/04/07: : Stakeholders Feedback

The Board was informed that the PAC had collected feedback from students, industry and academic experts for curriculum development. The Board was further informed that the suggestions/feedback received were incorporated as shown in the following table

4-BOS (15-June-2019)

Dean
Faculty of Liberal Strange 4 of 5
Marwadi University
Raikot - 360003, Gujarat

5-1

Suggestion	Action Taken
To introduce a course Money, Banking and Exchange	Introduced as elective in semester 1
The Course Tally ERP 9 shouldkeep on evolving as per the latest Developments.	Course content modified according to the suggestions received

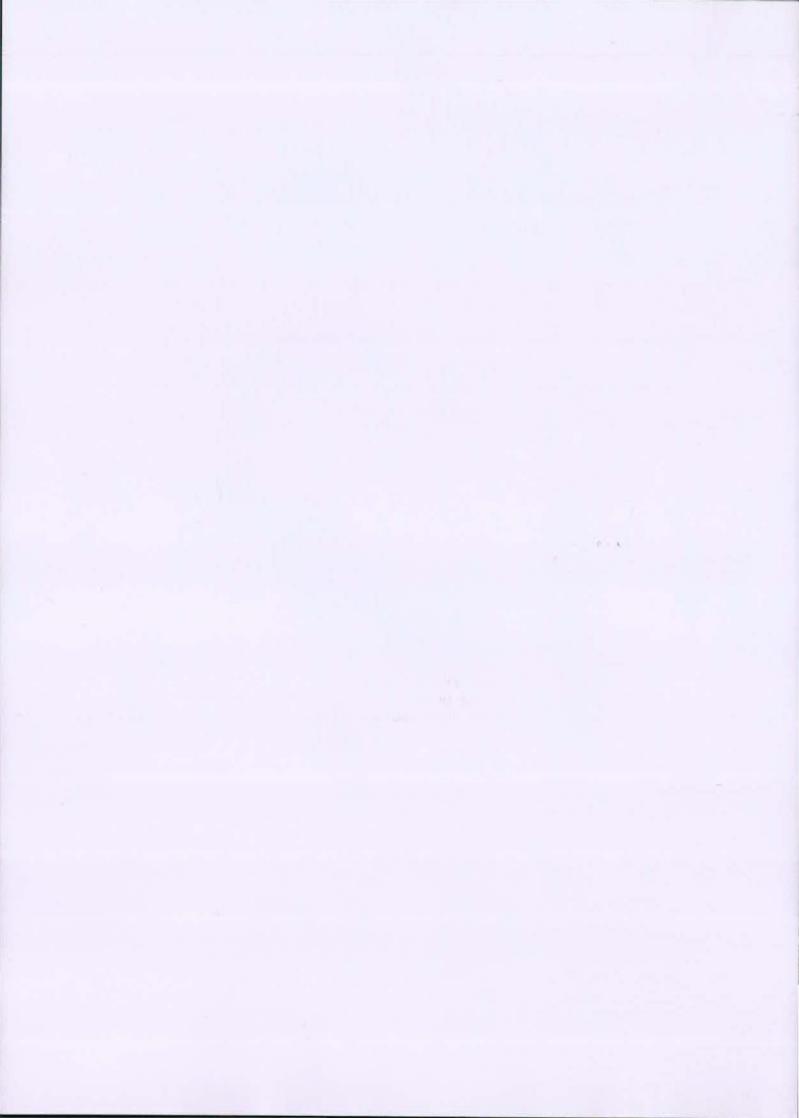
The Board noted with satisfaction the suggestions received and actions taken on them.

The meeting was concluded with a vote of thanks to the chair.

(Dr. Monica Verma) Member Secretary BOS. (Dr. Sunil Kumar Jakhoria) Chairman

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

THE WAY THEY





Faculty of Liberal Studies

Fifth Board of Studies in Bachelor of Commerce (BOS –Commerce)

Minutes of the Fifth Board of Studies in Commerce, Faculty of Liberal Studies held on Saturday 5th September 2020|4:00 PM - 5:30 PM | Venue – Google Meet: meet.google.com/wjs-pakz-oc

Convener of Meeting

Dean, Faculty of Liberal Studies

In the Chair:

Dean, Faculty of Liberal Studies

The attendees:

Dr. Sunil Kumar Jakhoria, Professor & Dean, Faculty of Liberal Studies and Faculty of Business Management	In-Chair
Dr. Sanjay Bhayani, Professor, Department of Business Management, Saurashtra University, Rajkot.	Expert, External Academia
Dr. Hitesh Shukala, Professor, Deptt. of Business Management, Saurashtra University, Rajkot.	Expert, External Academia
Dr. Tarun Sharma, DGM- Strategy, Dalmia Cement Bharat Ltd., New Delhi	Expert, External Industry
Mr. Ketan Gandhi, CEO, KgGuruji.com, Pune.	Expert, External Industry
Dr. Dhiresh Kulshrestha, Associate Professor	Member, Internal
Dr. Prasanta Chatterjee Biswas, Associate Professor	Member, Internal
Dr. Monica Verma, Associate Professor	Member, Internal & BOS Coordinator
Mr. Jitendra Patoliya Assistant Professor & Programme Coordinator, B.Com and	Member, Internal

5-BOS (5-September-2020)

Page 1 of 4

54

Minutes

Dean
Faculty of Liberal Chailes
Marwadi University
Rejkot - 360000, Gujarat

B.Com (H)	
Mr. Ruturaj Doshi,	Member, Internal
Assistant Professor & Academic Coordinator	

The leave of absence was granted to:

Dr. H.C. Sardar,	Expert, External Academia
Professor, Sheth Damodardas School of Commerce, Gujarat	EUREPO CARROLLO DE PROPRESENTA DE LA SERVICIO DE LA CONTRA DEL CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DE LA CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DE LA CONTRA DE LA CONTRA DE LA CONT
University.	

At the outset, Prof. Sunil Kumar Jakhoria, Dean Faculty of Liberal Studies and chairman to the Board Of Studies warmly welcomed all the members for attending the 5th meeting of the Board Of Studies in Commerce. The Chairman appreciated the interest and the presence of external members Dr. Sanjay Bhayani and Dr. Hitesh Shukla, who have been a constant support and a source of encouragement to the faculty over the past years. He also introduced the two new members, Dr. Tarun Sharma and Mr. Ketan Gandhi and thanked them for accepting to be on the board and sparing the time from their busy schedule to attend the meeting. The Chair made a brief presentation on the various programmes run under the Faculty of Liberal Studies, the syllabus updation process adopted by the Faculty and about the progress of the Faculty.

After that, the agenda items listed were taken up for discussion and the following resolutions were passed :

Item No.BOS/05/01:

To confirm the minutes of 4nd meeting of BOS held on 15.06.2019.

The Board Considered and confirmed the minutes of 4th BOS meeting held on 15.06.2019 as there were no comments from members.

Item No.BOS/05/02:

To report the action taken, where necessary, on the various decisions taken by the BOS in its 2nd meeting held on 15.06.2019.

The Board noted the action taken, where necessary, on the various decisions taken in its 4th meeting held on 15.06.2019. The Board also expressed its satisfaction on the action taken report on the various decisions taken in its 2nd meeting held on 15.06.2019.

Item No.BOS/05/03:

Items pertaining to B.Com programme

Item No.BOS/05/03i:

To consider and approve an additional text book in course titled "Business Environment" (04BC0208) in semester-2 of B.Com

programme.

5-BOS (5-September-2020)

Page 2 of 4

Minutes

Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

The Board considered the suggested change and found that the book "Economic Environment Of Business" authored by M. Adhikari published by Sultan chand & Sons is good and should be added to the list of existing text books as additional text.

"Resolved that the addition book to be added to the list of text book as noted above stands approved and is recommended for presentation to the Academic Council after incorporating the changes.

(Annexure-IA and IB)

Item No.BOS/05/03ii :

To consider and approve the removal of topic Intermediary financial institutions and non-intermediary financial institutions from unit-2 of the course titled "Indian Financial System" (04BC0306) semester-2 of B.Com

The Board considered the suggested change and found it appropriate.

"Resolved that the change as noted above stands approved and is recommended for presentation to the Academic Council after incorporating the changes (Annexure-IIA and IIB)

Item No. BOS/05/04: Discussion on Programme Outcome and Course Outcome attainment

The Board was informed that an analysis of CO attainment revealed that the targets set for the academic year 2019-20 at 46%, have been achieved.

Since the CO attainment is well above the target, a revised target of 48% for CO attainment was proposed by PAC.

The Board noted the attainment levels for year 2019-20 and after due deliberations approved that CO attainment targets for year 2020-21 be set at 48%.

Resolved that Item No. BOS/05/04 is approved and recommend the same to the Academic Council.

Item No. BOS/05/05: : Stakeholders Feedback

The Board was informed that the PAC had collected feedback from students, industry and academic experts for curriculum development. The Board was further informed that the suggestions/feedback received were incorporated as shown in the following table

5-BOS (5-September-2020)

Page 3 of 4

Minutes

Dean
Faculty of Liberal Studies
Marwadi University
Rejkot - 360003, Gujarat

Suggestion	Action Taken
To introduce on additional took back in	The book "Economic Environment Of Business" authored by M. Adhikari published by Sultan chand & Sons added to the list of existing text books as additional text.
Modification in course IFS(04BC0306) semester-2 of B.Com	Course content modified according to the suggestions received

The Board noted with satisfaction the suggestions received and actions taken on them.

The meeting was concluded with a vote of thanks to the chair and all the members.

(Dr. Monica Verma) Member Secretary BOS.

(Dr. Sunil Kumar Jakhoria) Chairman

Dean
Faculty of Liberal Studies
Marwadi University
Rajkot - 360003, Gujarat

1000E-1000E



Faculty of Liberal Studies

Sixth Board of Studies Meeting in Bachelor of Commerce (BOS-Commerce)

Minutes

Chaired by:

Dr. Sunil Kumar Jakhoria, Professor & Dean, Faculty of Liberal

Studies

Date:

Monday 28th June, 2021

Time:

04.00 p.m. to 6:00pm

Venue:

Virtual mode via Google link: meet.google.com/xzh-ebkx-dbh

Minutes of the Sixth combined Board of Studies meeting of Commerce, Faculty of Liberal Studies.

The attendees:

The following members attended the meeting:

Dr. Sunil Kumar Jakhoria,

Professor & Dean, Faculty of Liberal Studies and Faculty of

Business Management

Dr. Sanjay Bhayani,

Expert External -Academia

Chairperson

Professor, Department of Business Management, Saurashtra

University, Rajkot.

Dr. Hitesh Shukla,

Expert External -Academia

Professor, Deptt. of Business Management, Saurashtra

University, Rajkot.

Dr. Tarun Sharma,

Expert External -Industry

DGM-Strategy, Dalmia Cement Bharat Ltd., New Delhi.

Mr. Ketan Gandhi.

CEO, KgGuruji.com, Pune.

Expert External -Industry

Dr. Dhiresh Kulshrestha,

Associate Professor

Member, Internal

Dr. Prasanta Chatterjee Biswas,

Member, Internal

6-BOS (28-June-2021)

Page 1 of 6

Minutes

Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat

Associate Professor

Dr. Monica Verma, Associate Professor Member, Internal & BoS Secretary

Mr. Jitendra Patoliya, Assistant Professor and Program Coordinator B.com & B.com (Hons) Member, Internal

The leave of absence was granted to:

Dr. H.C Sardar, Professor, Sheth Damodardas School of Commerce, Gujrat University Expert External -Academia

Prof. Sunil Kumar Jakhoria, Dean Faculty of Liberal Studies and chairman to Board of Studies meeting welcomed all the members for attending the 6th BOS meeting in Bachelors of commerce. The Chairman further expressed special thanks to Dr. Sanjay Bhayani and Dr. Hitesh Shukla, who have been a constant support to the faculty over the past years. He also valued Dr. Tarun Sharma and Mr. Ketan Gandhi, for the interest shown by them and sparing the time from their busy schedule to attend the meeting. The Chair, informed the members that now onwards there will be increase in the frequency of BOS meetings i.e., it will be scheduled every six months and the constitution of the BoS will include a representative from students and a alumni. He also briefed the members that the revision in the curriculum of the UG programmes namely B.Com and B.Com(Hons) has been done considering a) the feedback from the students, faculty, industry and alumni b) to rationalize the courses c) decrease the emphasis on pen and paper evaluation d) add specializations e) revising the course outcomes in light of blooms taxonomy f) provide skill enhancement courses to state a few. He briefed about the process adopted to draft the Curriculum and the syllabi.

After that, the agenda items listed were taken up for discussion and the following resolutions were passed.

Item No.BOS/06/01:

To take note and confirm the minutes of the 5th BOS meeting of Commerce held on 5th September'20

The minutes of the 5th BOS meeting of Commerce held on 5th September'20 was approved by chairman and mailed to the members on 11th September'21. Since there was no comment from any member, the proceedings were confirmed as correctly recorded and following resolution was passed unanimously.

6-BOS (28-June-2021)

Page 2 of 6

Minutes

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Gujarat Resolved that the minutes of the meeting of Board of Studies of Commerce held on 5th September'20 be and hereby confirmed as a true record of the proceedings as no comments have been received from any member.

Item No.BOS/06/02:

To report the action taken, where necessary, on the various decisions taken by the BOS in its 5th BOS meeting held on 5th September'20

As part of the action taken on the resolutions of 5th BOS meeting the members were informed that all the agenda items were approved without any qualification.

The Board noted the same.

Item No.BOS/06/03:

Items for Reporting/Information

Nothing was brought up under this agenda item

Item No.BOS/06/04(i):

To consider and approve revised Curriculum for B. Com Three Years program to be implemented from academic year 2021-22.

Mr. Jitendra Patoliya, Programme coordinator B. Com briefed the members regarding the need for revising the curriculum/ programme structure of B.Com. and the changes made in comparison to the previous curriculum. He presented and explained the revised curriculum/ programme structure to the members. The members were informed that the new curriculum has following salient features:

- i) Elective courses to be offered from semester 1 to 4. The number of electives increase in comparison to the previous curriculum
- ii) Introduction of three specializations namely Accounting and Auditing, Finance and Taxation and Marketing. In the previous curriculum no specialization was offered.
- iii) Introduction of Courses on skill enhancement and certification courses.

Course Category		Sem-	Sem-	Sem-	Sem-	Sem-	Sem-
Core Course	CC	16	12	16	20	8	8
General Elective	GE	4	4	4	4		
Skill Enhancement	SEC		4			4	2
Ability Enhancement	AEC	2	4	2			
Domain Specific	DS					. 8	4

6-BOS (28-June-2021)

Page 3 of 6

54

Minutes

Faculty of Liberal Steries Marwadi University Rajkot-260003, Gujarat

Project Project	P						4
University Elective	UE	2	2	2	2		
Total Programme Credits	138	24	26	24	26	20	18

The members were further informed that:

- i) as in the earlier years the students will continue to take noncredit courses intended to enhance skills and abilities namely; Fundamental of Stock Market in semester 1, Entrepreneurship in semester 2, Personal Tax Planning in semester 3, Advanced Excel in semester 4, Tally in semester 5 and Export Documentation in semester 6 along with the credit courses.
- ii) from the academic year 2021 students will be offered a two-credit university open elective in semester 1,2,3 and 4.

The members made the following observations

Dr. Sanjaya Bhayani brought to the notice that course titled "Principles of Marketing" should be offered as a compulsory course instead as a elective as it will aid student learning of course titled Fundamentals of Digital marketing which is offered as compulsory course. Dr. Bhayani advised to refer the Model curriculum of UGC and make the changes wherever possible. Here too Dr. Bhayani retorted that if not all certain courses should be identified were in flexibility is given to the faculty to evaluate the student at the end of the course rather sticking to a fixed way of evaluation. Mr. Ketan Gandhi suggested that if possible now or later team work based evaluation should be implemented as it will assist students in their job because when student join industry most of the work is team work. The suggestions were well taken and it was decided that Mr. Patolia along with the team should deliberate and incorporate the changes suggested by Dr. Bhayani and wherever possible make the changes in evaluation scheme. It was resolved as under:

"Resolved that the revised course structure stands approved and is recommended for presentation to the Academic Council". Annexure 1

Item No.BOS/06/04(ii):

To consider and approve syllabi of all six semesters as per Revised Curriculum for B.Com Three Years program

implemented from academic year 2021-22.

The Board went through the syllabi and approved it to be applicable w.e.f 2021 and resolved as under:

"Resolved that the syllabus stands approved and is recommended for presentation to the Academic Council". Annexure 2

6-BOS (28-June-2021)

Page 4 of 6

Minutes

Dean Faculty of Liberal Studies Marwadi University Rajkot - 360003, Cujarat Item No.BOS/06/05(i):

To consider and approve revised Curriculum for B.Com(Hons) Three Years program implemented from academic year 2021-22.

Mr. Jitendra Patoliya, Programme coordinator B. Com (Hons) presented to the members the revised programme structure and the changes made in comparison to the previous curriculum. The members were informed that the new curriculum has following salient features:

- Introduction of elective courses to be offered from semester 1 to 4.
- ii) Introduction of seven specializations
- iii) Introduction of Courses on skill enhancement and certification courses.

The observations and recommendations of the members are recorded as below:

Dr. Sanjay Bhayani expressed his opinion that, if possible, the teaching should be more practical oriented /hands-on as our students are strong in theory but have very little practical exposure; this is also emphasized in new National Education Policy (NEP). For which he suggested that for a 4-credit course there should be 3 theory classes and 1 completely practical/field visit session. All the suggestions were well taken and it was decided that the appropriate team should deliberate and look into the possibility of incorporating the suggestion taking into account all the feasibility.

"Resolved that the revised course structure stands approved and is recommended for presentation to the Academic Council". Annexure 3

Item No.BOS/06/05(ii):

To Consider and approve syllabi of all six semesters as per Revised Curriculum for B.Com(Hons) Three Years program implemented from academic year 2021-22.

The Board went through the syllabi and approved it to be applicable w.e.f 2021 and resolved as under:

"Resolved that the syllabus stands approved and is recommended for presentation to the Academic Council". Annexure 4

Item No. BOS/06/06: Discussion on Programme Outcome and Course Outcome attainment

The Board was informed that an analysis of CO attainment revealed that the targets set for the academic year 2020-21 at 48%, have been achieved.

Since the CO attainment is well above the target, a revised target of 50% for CO attainment was proposed by PAC.

The Board noted the attainment levels for year 2020-21 and after due deliberations approved

6-BOS (28-June-2021)

Page 5 of 6

Minutes

The stand status ..

The mire to

Dean
Faculty of Liberal Studies
Marwadi University

Rajkot - 360003, Gujarat

that CO attainment targets for year 2021-22 be set at 50%.

Resolved that Item No. BOS/06/06 is approved and recommend the same to the Academic Council.

Item No. BOS/06/07: : Stakeholders Feedback

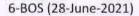
The Board was informed that the PAC had collected feedback from students, industry and academic experts for curriculum development. The Board was further informed that the suggestions/feedback received were incorporated and accordingly the programe structure has been revised.

The Board noted with satisfaction the suggestions received and actions taken on them.

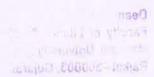
The meeting concluded with a vote of thanks to the chair and all the members.

(Dr. Monica Verma) Member Secretary BOS. (Dr. Sunil Kumar Jakhoria) Chairman

Dean
Faculty of Liberal Studies
Marwadi University
Rajkot - 360003, Gujarat



Page 6 of 6





Faculty of Management Studies

Seventh Board of Studies Meeting in Bachelor of Commerce (BOS-Commerce)

Minutes

Chaired by:

Dr. Sunil Kumar Jakhoria, Professor & Dean, Faculty of

Management Studies

Date:

27-12-2021

Time:

4:00pm -6:10pm

Venue:

Virtual mode via Google link: meet.google.com/mzw-szya-orb

The attendees:

The following members attended the meeting:

Dr. Sunil Kumar Jakhoria, Professor & Dean, Faculty of Liberal Studies and Faculty of Business Management	Chairperson
Dr. Sanjay Bhayani, Professor, Department of Business Management, Saurashtra University, Rajkot.	Expert External -Academia
Dr. Hitesh Shukla, Professor, Deptt. of Business Management, Saurashtra University, Rajkot.	Expert External -Academia
Dr. Tarun Sharma, DGM-Strategy, Dalmia Cement Bharat Ltd., New Delhi.	Expert External -Industry
Mr. Ketan Gandhi, CEO, KgGuruji.com, Pune.	Expert External –Industry
Dr. Prasanta Chatterjee Biswas, Associate Professor	Member, Internal
Dr. Monica Verma, Associate Professor	Member, Internal & BoS Secretary
Mr. Jitendra Patoliya, Assistant Professor and Program Coordinator B.com & B.com (Hons)	Member, Internal

7-BOS (27-December-2021)

Page 1 of 5

Dean

On confirming the presence of members and the quorum being present, the chairman commenced the meeting.

Prior to commencement of agenda, Prof. Sunil Kumar Jakhoria, chairman, Board of Studies welcomed all the members to the 7th combined BOS meeting of Bachelors of Commerce and expressed special thanks to Dr. Sanjay Bhayani and Dr. Hitesh Shukla, Dr. Tarun Sharma and Mr. Ketan Gandhi, for attending the meeting.

Agenda under Discussion:

The agenda items listed were taken up for discussion and the following resolutions were passed.

Item No.BOS/07/01:

To confirm the minutes of the previous BOS meeting held on 28th June'21

The minutes of the 6th BOS meeting of Commerce held on 28th June'21 was mailed to the members on 24th July'21. Confirmation for the same was received from all the members by 27th July'21, the minutes were confirmed.

Item No.BOS/07/02:

To report the action taken, where necessary, on the various decisions taken by the BOS in its 6th BOS meeting held on 28th June'21

As part of the action taken on the resolutions of 6th BOS meeting the members were informed that the action has been taken on all the matters as below:

Sr. No	Suggestions	Action Taken
1	Reference to the UGC Model Curriculum for B.Com to align the proposed curriculum of B.Com & B.Com (Hons)	Noted and completed The concerned people referred the UGC model curriculum and found that most of the courses mentioned there are already in the proposed Curriculum. It was decided that few of the courses which are there in UGC model curriculum but not in our curriculum can be added to the list of general electives.
2	To make "Principles of Marketing" as a compulsory course instead of an elective.	After deliberation following was decided: a) Principles of Marketing to be offered as compulsory course in semester III b) The course titled Business Environment in semester III be shifted to semester I. c) Business Statistics-I and Business Statistics-II currently proposed as

		compulsory courses in semester I and II respectively should be combined and offered in semester II as Business Statistics. d) In place of general elective course Principles of Marketing which is now made a compulsory course (refer point (a) above), Money, Banking and Exchange can be offered as an elective. e) Replace General Elective "Environmental Studies" with course titled "Tourism and Travel Management" (adopted from UGC model curriculum).		
3	To incorporate team work based evaluation	Noted and completed Following courses were identified; where team based evaluation is to be done. Tourism and Travel Management Indian Economy Public Finance Procedures & Practices in EXIM Mgmt		
4	Faculty should have liberty to decide Evaluation Scheme.	The members were informed that we already have provision for the same, which are as follows: a) Faculty in all the courses offered in a programme have complete autonomy to decide the evaluation scheme for 50 % (internals) of the total marks and; b) in courses identified as departmental courses the faculty has complete autonomy to decide evaluation scheme for whole 100%		

The Board noted the action taken, and expressed their satisfaction on the action taken report.

Item No.BOS/07/03:

Items for Reporting/Information

- 1) Henceforth, Faculty of Business Management and Faculty of Liberal Studies are merged and will be known as Faculty of Management Studies.
- 2) In the 6 th BoS the FOLS decided on offering Open elective of 2 credits across 1 st to 4 th semester of all the Under Graduate courses ie., B.Com and B.Com(H). The same was reflected in the programme structure and the same was presented in 6 th BoS meeting. However, later at the university level it was decided that the Open Electives shall be of 3 credits and offered in 3 rd and 4 th semester. As a result, the subsequent changes in the Programme structure of B.Com and B.Com(H) are being informed to all the board members. Annexure-I

7-BOS (27-December-2021)

Duan.

Page 3 of 5

To consider and approve syllabus and teaching scheme of University Open Elective to be offered by FMS.

Dr. Sunil Kumar Jakhoria informed and explained to the board members that university (keeping in line with one of the major proposals of NEP to offer greater flexibility in courses offered to the students) has decided to introduce University open electives, a concept approved by the Academic Council. A student has to choose 2 electives during the entire duration of their programme and those electives will be deemed as university wide open elective. To begin with, these electives will be offered in under graduate programmes and later extended to Post Graduate programmes. A pool of such university electives will be created where every department in the university will contribute. In addition, courses like music, NCC, sports, performing arts etc. are also to be included. These courses will be available to the students other that the department/ faculty offering it. As a common guideline these courses shall not be too technical in nature, there is no lab component and there is no pre- requisite to the course. The Faculty of Management Studies, to begin with will offer nine courses, four in management and five in commerce.

The courses and teaching and evaluation were presented before the members for discussion and approval:

Course Title	Course code	Credits	Contact Hours
Understanding Financial Statements	04OP0001	3	36 hr
Tax Planning for Individuals	04OP0002	3	36 hr
Fundamentals of Personal Finance	04OP0003	3	36 hr
Basics Of Accounting	04OP0004	3	36 hr
Tally for Beginners	04OP0005	3	36 hr

And the evaluation scheme for each course shall be:

	Component	Weightage 20% (C.S.E)	
Α	Continuous Evaluation Component (Assignments / Quizzes /Class Participation etc.)		
В	Internal Assessment	30% (I.A.)	
С	End-Semester Examination	50% (External assessment)	

Following comments and suggestion were received:

- 1) Course titled "Understanding Financial Statements", "Tax Planning For Individuals" and "Fundamentals of Personal Finance" were appreciated by the members and approved.
- 2) In the Course titled "Basics Of Accounting" it was suggested to include basic element of cost as it would of great use to people who run a business or inclined to setup. It was further suggested that accounting concepts and conventions can be removed and an additional unit covering basics of the cost and cost sheet may be added.
- 3) In the Course titled "Tally for Beginners" concern was raised by a member regarding the viability of offering this course to students who do not have the basic knowledge of accounting.

54

It was informed that this course was being offered at the request of the engineering students, who during interaction on various occasion expressed their desire for this course.

Conclusion:

The suggestions were discussed and the changes were accepted and approved. It was resolved as under:

"Resolved that all the syllabi and teaching and evaluation scheme for each course stands approved and are recommended for presentation to the Academic Council". Annexure-II

Item No. BOS/07/05: Discussion on Programme Outcome and Course Outcome attainment

The Board was informed that an analysis of CO attainment revealed that the targets set for the academic year 2021-22 at 50%, have been achieved.

PAC proposed the CO attainment target for academic year 2022-23 at 50%.

The Board noted the attainment levels for year 2021-22 and after due deliberations approved that CO attainment targets for year 2022-23 be set at 50%.

Resolved that Item No. BOS/07/05 is approved and recommend the same to the Academic Council.

Item No. BOS/07/06: : Stakeholders Feedback

The Board was informed that the PAC had collected feedback from students, industry and academic experts on the syllabi and curriculum. The Board was further informed that the suggestions/feedback received were incorporated.

The Board noted with satisfaction the suggestions received and actions taken on them.

Vote of Thanks

After discussion on the agenda the Dean FMS informed the members about the progress made by the faculty and the university; and decision by the University for the academic development of faculty and over all research environment since the last BOS.

There being no other business, the meeting ended with a vote of thanks to all present.

(Dr. Monica Verma)

Member Secretary BOS.

7-BOS (27-December-2021)

(Dr. Sunil Kumar Jakhoria)

Dean

Chairman.

Page 5 of 5



Faculty of Technology Computer Engineering Minutes of Meeting - Board of Studies A.Y. 2016-17

Minutes of Meeting

		Minutes	of Meeting		
Date: 14/07/20	016	Meeting No: 01			
Start Time: 11:00 AN		End Time: 12:30 PM		Total Time: 1.5 Hours	
Presented by		Prof. Jay B. Teraiya			
,					
Agenda – 1	Review	of Vision & Mission of 0	Computer Engin	eering Department	
Discussion & Resolution	•	The department established the vision and mission through a consultative process involving the stakeholders considering the scope for growth of the department and future societal requirements keeping in view with the vision and mission of the university. The department aims to empower the skills required in the industry to benefit the society. The department aims to prepare students for their higher studies and research to contribute to the advanced technological needs of computer engineering. Encourage faculty to update their knowledge and teaching-learning process through continuous learning by doing inter-disciplinary research and support the industry. Vision & Mission of Computer Engineering Department attached in Annexure - I.			
Agenda – 2	Review	of Program Outcome (P	O) for B. Tech C	Computer Engineering	
Discussion & Resolution	 The PO of the program are defined by considering Graduate Attribute defined by NBA through Washington accord signed by India in 2014. Computer engineering department describe that graduate are expected. 			y considering Graduate Attributes cord signed by India in 2014. cribe that graduate are expected to ciple to manage project in	
Agenda – 3	Review	of Program Specific Out	come (PSO) of C	omputer Engineering Department	
Discussion & Resolution	•	The department is com Engineering to students thus contribute to the fi	mitted to provi to build their c eld of IT Industr	de quality education in Computer career and do quality research and ries which reflects in the PSO. Department attached in Annexure	
Agenda – 4	Review	of curriculum structure	of Computer En	ngineering UG Program	
Discussion & Resolution	 Contact hours for students should ideally be 25 to 30 hours per week. ussion & 1st year course should be common for all soft branches of engineering. 				



	2. Lab / Tutorial 2 hours = 1 credit
	 For every tutorial / practical 1 contact hour, 0.5 credit weightage to be
	given.
	 Courses like Computer Programming and Computer Workshop emphasises
	on skill development.
	 Courses adding values to the skill of the students can be incorporated.
	Teaching scheme of 1 st year course attached in Annexure - III.
Agenda – 5	Review of syllabus contents proposed
	 Percentage for continuous evaluation and end semester evaluation should
	either be 60:40 or 50:50 for theory and practical subject.
	 Passing criteria for theory and laboratory should be fixed separately and
	total marks/ overall result of the subject to be considered for passing.
Discussion &	 Courses like computer programming and engineering graphics are
Resolution	providing more practical contact hour then theory hours are appreciable.
	Course outcome as mentioned in the detailed syllabus are clearly
	resembling the PO of the Computer Engineering program.
	More MOOC based value-added courses should be added to curriculum for
	better industry skill and more exposure of technical skill.
Agenda – 6	Discussion on Program Outcome and Course Outcome attainment
	Attainment level of Program Outcomes for the batch admitting in the A.Y.
	2016-17 are discussed and details for the same are attached in the
Discussion &	Annexure – IV.
Resolution	Attainment level of Course Outcomes for the courses of first year for the
	A.Y. 2016-17 are discussed and details for the same are attached in the
	Annexure - IV.



Faculty of Technology Computer Engineering

Minutes of Meeting - Board of Studies A.Y. 2016-17

Meeting Attendees:

Sr.	Expert Name	Expert Signature
1.	Dr. Nitul Dutta	aus.
2.	Dr. R. B. Jadeja	ale.
3.	Prof. Jay B. Teraiya	1 eremine
4.	Dr. Ashish Kumar Srivastava	Ashish OG
5.	Dr. Nishant Doshi	100
6.	Dr. Deepak Garg	Deepay Lay
7.	Dr. Amit Ganatra	Aphamu
8.	Dr. Apurva Shah	A



Annexure III

	Teaching and Examination Scheme of B. Tech COMPUTER ENGINEERING – Semester –	ination S	cheme of E	3. Tech C	OMPUTER	ENGINE	ERING - S	emester -	-		
Subject Code	Subject Name	Teachir	Teaching Scheme (Hours)	(Hours)	Credits	£	Theory Marks	ß	Tutorial/ Practical Ma	Tutorial/ Practical Marks	Total Marks
		Theory	Theory Tutorial	Practical	•	ESE	A]	CSE	Viva	Term	
01CE0102	COMPUTER WORKSHOP	0	0	2	1	0	0	0	25	25	50
01EE0101	ELEMENTS OF ELECTRICAL	3	0	2	4	20	30	20	25	25	150
	ENGINEERING										
01GS0101	PHYSICS	3	0	2	4	20	30	20	25	25	150
01MA0101	ENGINEERING MATHEMATICS- I	4	2	0	5	20	30	20	25	25	150
01ME0101	01ME0101 ELEMENTS OF MECHANICAL	3	0	2	4	20	30	20	25	25	150
	ENGINEERING										
01PE0101	PHYSICAL	0	0	2	7	0	0	0	0	0	0
	EDUCATION/SPORTS/YOGA										
015L0101	COMMUNICATION SKILLS	2	0	2	3	20	30	20	25	25	150
02PY0131	PHYSICS -1	4	0	0	4	20	30	20	25	25	150



	Total Marks			150	100	150		150	100		150	150
	Tutorial/ Practical Marks	Term	Work	25	0	25		25	0		25	25
=	Tutorial/ Practical Ma	Viva		25	0	25		25	0		25	25
emester –	ks	CSE		20	20	20		20	20		20	20
RING - Se	Theory Marks	ΙA		30	30	30		30	30		30	30
ENGINEE	Ŧ	ESE		20	50	20		50	20		50	50
OMPUTER	Credits			4	2	4		4	2		5	4
. Tech C((Hours)	Practical		2	0	2		2	0		0	4
heme of B	Teaching Scheme (Hours)	Theory Tutorial Practical		0	0	0		0	0		2	0
ination Sc	Teachin	Theory		æ	2	3		3	2		4	2
Teaching and Examination Scheme of B. Tech COMPUTER ENGINEERING – Semester – II	Subject Name			COMPUTER PROGRAMMING	01CR0101 CAREER READINESS PROGRAM	BASICS OF ELECTRONICS	ENGINEERING	DIGITAL ELECTRONICS	BASICS OF ENVIRONMENTAL	STUDIES	ENGINEERING MATHEMATICS-II	01ME0103 ENGINEERING DRAWING
	Subject Code			01CE0101	01CR0101	01EC0101		01EC0102	01EN0101		01MA0151	01ME0103

Annexure IV

Attainment of Program Outcomes:

- The attainment level of Program Outcomes for the batch admitting in the year 2016-17 is set to 60% based on the discussion with the committee members.
- It will be kept same for the subsequent batches admitting till the review of attainment levels for the first batch is carried out.

Attainment of Course Outcomes:

Attainment levels of Course Outcomes for the category of courses is set at the following levels based on the suggestions by committee members:

Course Category	Target level of Attainment for the Course Outcome
Program Core	55
Program Elective Course	60
General Courses - University Core (GN-UC)	50
General Courses - University Elective (GN-UE)	50
Basic Science Courses - University Core (BS-UC)	50
Engineering Science Courses - University Core (ES-UC)	50

Minutes of Meeting

17			
1/		Meeting No: 0	
00 AM	End Time: 12:00 PM		Total Time: 1 Hour
	Prof. Jay B. Teraiya		
Action t	aken based on previou	s meeting	
Agenda			
Review	of Vision & Mission of C	Computer Engine	ering Department
No furth	ner action is required.		
Review	of Program Outcome (P	O) for B. Tech Co	omputer Engineering
No furth	ner action is required.		
Review	of Program Specific Out	come (PSO) of C	omputer Engineering Department
No furth	ner action is required.		
Review	of curriculum structure	of computer Eng	gineering UG Program
No furth	ner action is required.		
Introdu	ction of Value-added co	ourses in curricu	lum and collaboration with Oracle
Academ	y and Cisco Networking	g Academy.	
Course	attainment target for a	all the courses is	s set as per discussion in previous
meeting	g		
	Action t Agenda Review No furth Review No furth Review No furth Review No furth Review Discussi Course	Action taken based on previous Agenda Review of Vision & Mission of Control No further action is required. Review of Program Outcome (Post No further action is required. Review of Program Specific Out No further action is required. Review of curriculum structure No further action is required. Review of syllabus contents production of Value-added control Contro	Action taken based on previous meeting Agenda Review of Vision & Mission of Computer Engine No further action is required. Review of Program Outcome (PO) for B. Tech Co No further action is required. Review of Program Specific Outcome (PSO) of Co No further action is required. Review of curriculum structure of computer Engine No further action is required. Review of syllabus contents proposed Introduction of Value-added courses in curriculated Academy and Cisco Networking Academy. Discussion on Program Outcome and Course Outcourse attainment target for all the courses is

Section – B	Agenda for discussion
Agenda – 1	Review of curriculum structure of 2 nd & 3 rd year B. Tech. Computer Engineering
	Program
	 2nd & 3rd year courses are branch specific and as needed for corr
	fundamentals of branch.
	 Department elective are offered in higher semester so that students can
	choose based on their interest. List of elective subjects are mentioned in
Discussion &	teaching scheme.
Resolution	 Professional Ethics course is added in curriculum for professional
	development of student's lifelong learning.
	 Teaching scheme of 2nd & 3rd year are attached in Annexure I.
	More value-added course adds in curriculum for better industry skill and
	technical learning.
Agenda – 2	Review of syllabus contents proposed
	 Courses having focusing on employability, entrepreneurship and skil
	development is well defined. List of courses are attached in Annexure II.
Discussion &	 Lab based learning should be adapted for subjects like OODP for bette
Resolution	clarification and understanding of concepts.
	 Mini project should be introduced for 2nd year students to get used to with
	object-oriented languages and teamwork.
Agenda – 3	object-oriented languages and teamwork. Introduction of Value-added courses in curriculum
Agenda – 3	Introduction of Value-added courses in curriculum
	Introduction of Value-added courses in curriculum • Value added course integrated with Oracle Academy and Cisco Networking Academy.
Discussion &	Introduction of Value-added courses in curriculum Value added course integrated with Oracle Academy and Cisco Networking Academy. Value added courses focusing on Database Management System and
	Introduction of Value-added courses in curriculum Value added course integrated with Oracle Academy and Cisco Networking Academy. Value added courses focusing on Database Management System and Computer Network are added in
Discussion &	Introduction of Value-added courses in curriculum Value added course integrated with Oracle Academy and Cisco Networking Academy. Value added courses focusing on Database Management System and Computer Network are added in Oracle: Database Design and Programming with SQL
Discussion &	Introduction of Value-added courses in curriculum Value added course integrated with Oracle Academy and Cisco Networking Academy. Value added courses focusing on Database Management System and Computer Network are added in Oracle: Database Design and Programming with SQL CCNA Routing and Switching: Introduction to Networks
Discussion &	Introduction of Value-added courses in curriculum Value added course integrated with Oracle Academy and Cisco Networking Academy. Value added courses focusing on Database Management System and Computer Network are added in Oracle: Database Design and Programming with SQL CCNA Routing and Switching: Introduction to Networks CCNA: Switching, Routing, and Wireless Essentials
Discussion &	 Introduction of Value-added courses in curriculum Value added course integrated with Oracle Academy and Cisco Networking Academy. Value added courses focusing on Database Management System and Computer Network are added in Oracle: Database Design and Programming with SQL CCNA Routing and Switching: Introduction to Networks CCNA: Switching, Routing, and Wireless Essentials CCNA: Enterprise Networking, Security, and Automation
Discussion &	 Introduction of Value-added courses in curriculum Value added course integrated with Oracle Academy and Cisco Networking Academy. Value added courses focusing on Database Management System and Computer Network are added in Oracle: Database Design and Programming with SQL CCNA Routing and Switching: Introduction to Networks CCNA: Switching, Routing, and Wireless Essentials CCNA: Enterprise Networking, Security, and Automation
Discussion & Resolution	Introduction of Value-added courses in curriculum Value added course integrated with Oracle Academy and Cisco Networking Academy. Value added courses focusing on Database Management System and Computer Network are added in Oracle: Database Design and Programming with SQL CCNA Routing and Switching: Introduction to Networks CCNA: Switching, Routing, and Wireless Essentials CCNA: Enterprise Networking, Security, and Automation CCNA: Introduction to Networks
Discussion & Resolution	Introduction of Value-added courses in curriculum Value added course integrated with Oracle Academy and Cisco Networking Academy. Value added courses focusing on Database Management System and Computer Network are added in Oracle: Database Design and Programming with SQL CCNA Routing and Switching: Introduction to Networks CCNA: Switching, Routing, and Wireless Essentials CCNA: Enterprise Networking, Security, and Automation CCNA: Introduction to Networks Revision in syllabus of Engineering Mathematics -I, Engineering Mathematics - & Statistical and Numerical Methods.

Agenda – 5	Discussion and approval of M. Tech. in Computer Engineering – Cyber Security,
Ageilua – 3	Teaching scheme and detailed syllabus of Sem-I & Sem-II.
Discussion & Resolution	 M.Tech. program should be offered as computer engineering with minor/major in cyber security. New Program M. Tech in Computer Engineering – Cyber security is introduced in this Academic year. Teaching schemes for M. Tech Computer Engineering – cyber security is proposed & detailed syllabus of 1st and 2nd semester are designed. Teaching scheme of 1st & 2nd semester are attached in Annexure III. Departmental electives are given in all semesters to provide flexibility in the curriculum. PO and PSO of M. Tech Computer Engineering – Cyber Security Department attached in Annexure IV.
Agenda – 6	Discussion on course outcome attainment
Discussion & Resolution	 Attainment level achieved by the department has been discussed and revision of attainment level has been suggested by committee member. Detail information on Course Outcome is attached in Annexure - V.
Agenda – 7	Any special points/advises by members of board of studies
Discussion & Resolution	 Faculty and students must use textbooks and reference books from reputed publication house. Need to put efforts on soft skills of students so they will be ready to face industry challenges as well. Good Practice of value-added courses in curriculum with collaboration industries. More value-added courses add to curriculum for final year students' benefit in placement and higher studies.

Meeting Attendees:

Sr.	Expert Name	Expert Signature
1.	Dr. Nitul Dutta	OeeS .
2.	Dr. R. B. Jadeja	oga.
3.	Prof. Jay B. Teraiya	1 Orening
4.	Dr. Ashish Kumar Srivastava	Ashist 1
5.	Dr. Nishant Doshi	m
6.	Dr. Deepak Garg	Deepay Lay
7.	Dr. Amit Ganatra	Ham
8.	Dr. Apurva Shah	A

Invite Member:

Sr	Expert Name	Expert Signature
1	. Dr. Amit Lathigara	Cmg

Annexure I

					_		T	1		T		7
	Total Marks		150	150		150		100	150		150	
	Tutorial/ Practical Marks	Term Work	25	25		25		0	25		25	
	Tutorial/ Ma	Viva	25	25		25		0	25		25	
ester – III	ks	CSE	20	20		20		20	20		20	
ING – Sem	Theory Marks	ΑI	30	30		30		30	30		30	
ENGINEER	F	ESE	20	20		20		20	20		20	
OMPUTER	Credits		5	5		5		2	4		2	
Examination Scheme of B. Tech COMPUTER ENGINEERING - Semester - III	(Hours)	Practical	2	2		2		0	2		0	
cheme of E	Teaching Scheme (Hours)	Tutorial	0	0		0		0	0		2	
amination S	Teachir	Theory	4	3		3		2	3		4	
Teaching and Exa	Subject Name		DATA STRUCTURE	and the same of	SYSTEM	OBJECT ORIENTED DESIGN AND	PROGRAMMING	ENGINEERING MANAGEMENT	DATA COMMUNICATION AND	NETWORKING	DISCRETE MATHEMATICS AND	GRAPH THEORY
	Subject		01CE0301	01CE0302		01CE0303		01GS0301	01170301		01MA0231	



Faculty of Technology Computer Engineering

Minutes of Meeting - Board of Studies A.Y. 2017-18

	Teaching and Examination Scheme of B. Tech COMPUTER ENGINEERING – Semester – IV	amination	Scheme of	B. Tech CO	OMPUTER	ENGINEER	ING - Sem	ester – IV			
Subject	Subject Name	Teachi	Teaching Scheme (Hours)	(Hours)	Credits	F	Theory Marks	S	Tutorial/ Practical Marks	ial/ Practical Marks	Total Marks
		Theory	Theory Tutorial	Practical		ESE	A	CSE	Viva	Term Work	
01CE0401	OPERATING SYSTEM	4	0	2	5	50	30	20	25	25	150
CE0402	01CE0402 COMPUTER ORGANIZATION	3	2	0	4	50	30	20	25	25	150
	AND ARCHITECTURE										
01CE0403	OBJECT ORIENTED	4	0	2	5	20	30	20	25	25	150
	PROGRAMMING WITH JAVA										
01CE0404	MINI PROJECT	0	0	2	1	0	0	0	20	50	100
01IT0401	COMPUTER NETWORK	4	0	2	5	50	30	20	25	25	150
MA0281	01MA0281 STATISTICAL & NUMERICAL	4	2	0	5	20	30	20	25	25	150
	METHODS										



	Teaching and Examination Scheme of B. Tech COMPUTER ENGINEERING – Semester – V	xamination	Scheme of	B. Tech C	OMPUTER	ENGINEE	RING - Sen	nester - V			
Subject Code	Subject Name	Teachi	Teaching Scheme (Hours)	(Hours)	Credits	F	Theory Marks	ks	Tutorial/ Ma	Tutorial/ Practical Marks	Total
		Theory	Tutorial	Practical		ESE	IA	CSE	Viva	Term	
										Work	
01CE0501	MICROPROCESSOR	3	0	2	4	50	30	20	25	25	150
	FUNDAMENTALS &										
	PROGRAMMING										
01CE0502	01CE0502 ADVANCED JAVA	4	0	2	5	50	30	20	25	25	150
	PROGRAMMING										
01CE0503	DESIGN AND ANALYSIS OF	4	0	2	5	50	30	20	25	25	150
	ALGORITHM										
01CE0504	THEORY OF AUTOMATA AND	3	0	0	3	50	30	20	0	0	100
	FORMAL LANGUAGES										
01CE0508	REVERSE ENGINEERING	0	0	2	1	0	0	0	25	25	50
011T0502	SEMINAR	0	0	2	1	0	0	0	25	25	50
01CE05XX	DEPARTMENT ELECTIVE -1	4	0	2	5	20	30	20	25	25	150

Department Elective – 1
1)011T0503 - Advanced Computer Network
2)01CE0506 - Distributed Operating Systems
3)01CE0507 - Image Processing



	Teaching and Examination Scheme of B. Tech COMPUTER ENGINEERING – Semester – VI	amination	Scheme of	B. Tech C	OMPUTER	ENGINEER	ING - Sem	iester – VI			
Subject	Subject Name	Teachi	Teaching Scheme (Hours)	(Hours)	Credits	F	Theory Marks	sy	Tutorial/ Ma	Tutorial/ Practical Marks	Total Marks
300		Theory	Tutorial	Practical		ESE	<u>₹</u>	CSE	Viva	Term Work	
01CF0601	DICEDED1 COMPILER DESIGN	3	0	2	4	50	30	20	25	25	150
01CF0602	OTCED602 NET TECHNOLOGIES	4	0	2	5	50	30	20	25	25	150
01CE06XX	01CE06XX DEPARTMENT ELECTIVE - 2	4	0	2	5	50	30	20	25	25	150
01CE0606	DESIGN ENGINEERING AND	0	0	2	1	0	0	0	25	25	90
	PROJECT MANAGEMENT										
01CR0501	01CR0501 BUSINESS BENCHMARK	1	0	0	1	0	0	0	20	20	100
01170601	01IT0601 SOFTWARE ENGINEERING	3	0	2	4	50	30	20	25	25	150
01IT0602	01IT0602 WEB TECHNOLOGY	3	0	2	4	50	30	20	25	25	150

Department Elective - 2

1) 01CE0603 - Computer Security

2) 01CE0604 - Cyber Security

3) 01CE0605 - Network Security



Annexure III

	_ s												
	Total Marks	•	100		150	150		20	150		0	100	
	Tutorial/ Practical Marks	Term Work	0		25	25		25	25			0	
er – I	Tutorial/ Ma	Viva	0		52	52		25	25			0	
y - Semest	S	CSE	20		70	20		0	20			20	
ber Securit	Theory Marks	۸	30		08	90		0	30			30	
ering – Cył	i <u>t</u>	ESE	20		20	20		0	20			20	
ter Engine	Credits		4		4	4		2	4			4	
h. – Compu	(Hours)	Practical	0		2	7		4	2			2	
e of M. Tec	Teaching Scheme (Hours)	Tutorial	0		0	0		0	0			0	
tion Schem	Teachi	Theory	4		3	3		0	3			3	
Teaching and Examination Scheme of M. Tech. – Computer Engineering – Cyber Security - Semester –	Subject Name	đ	01CY0101 MATHEMATICAL FOUNDATIONS	FOR CYBER SECURITY	ADVANCE NETWORK SECURITY	01CY0103 INFORMATION SECURITY RISK	ASSESSMENT AND ASSURANCE	01CY0104 ETHICAL HACKING	01CY0108 CYBER LAWS AND SECURITY	POLICIES	01CY0109 OPEN ELECTIVE – I	01ES0111 OPEN ELECTIVE - I(E- WASTE	MANAGEMENT)
	Subject Code		01CY0101		01CY0102	01CY0103		01CY0104	01CY0108		01CY0109	01ES0111	

Marwadi UNIVERSITY

Faculty of Technology Computer Engineering Minutes of Meeting - Board of Studies A.Y. 2017-18

Teacl	Teaching and Examination Scheme of M. Tech. – Computer Engineering – Cyber Security - Semester – II	tion Schem	e of M. Tec	ch. – Compu	ter Engine	ering – Cyb	er Security	- Semest	er – 11		
Subject Name Teachin	Teachin		Teaching Scheme (Hours)	(Hours)	Credits	丰	Theory Marks	9	Tutorial/ Ma	Tutorial/ Practical Marks	Total Marks
Theory	Theory		Tutorial	Practical		ESE	Ā	CSE	Viva	Term Work	
01CY0201 THEORY OF MODERN 3 CRYPTOGRAPHY	8		0	2	4	20	30	20	25	25	150
01CY0202 SECURITY & PRIVACY ISSUES IN 3 INTERNET OF THINGS	6	A 100 TO 100	0	2	4	20	30	20	25	25	150
WEB APPLICATION & 3 PENETRATION TESTING	е		0	2	4	20	30	20	25	25	150
01CY0204 INTELLECTUAL PROPERTY 4	4		0	0	4	20	30	20	0	25	125
01CY0205 SEMINAR 0	0		4	0	2	0	30	20	25	25	100
MALWARE ANALYSIS & 3 NETWORK SECURITY	æ		0	2	4	20	30	20	25	25	150

Annexure IV

Program Outcomes (PO) & Program Specific Outcomes (PSO) of M. Tech – Computer Engineering – Cyber Security

PO1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO4	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO5	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
PO6	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO7	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9	Individual and team work: Function effectively as an individual, and as a member or leade in diverse teams, and in multidisciplinary settings.
PO10	Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend an write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO11	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
PSO1	Students shall demonstrate Research skills, the knowledge and competence in the analysi design and development of computer-based systems addressing industrial and social issues.
PSO2	Students shall have competence to take research challenges associated with future technological issues associated with security, wearable devices, augmented reality, Internet of Anything etc.

Annexure V

Attainment of Course Outcomes:

Attainment levels of Course Outcomes for the category of courses is set at the following levels based on the suggestions by committee members:

Course Category	Target level of Attainment for the Course Outcome
Program Core	55
Program Elective Course	60
General Courses - University Core (GN-UC)	50
General Courses - University Elective (GN-UE)	50
Basic Science Courses - University Core (BS-UC)	50
Engineering Science Courses - University Core (ES-UC)	50

Faculty of Technology Computer Engineering

Minutes of Meeting - Board of Studies A.Y. 2018-19

Minutes of Meeting

Date: 13/04/20	18		Meeting No: 03
Start Time: 10:	00 AM	End Time: 11:00 AM	Total Time: 1 Hour
Presented by		Dr. Amit Lathigara	
Section - A		taken on previous meet	ing
Agenda No.	Agenda		
1	Review Prograr		e of 2 nd & 3 rd year B. Tech. Computer Engineering
Action Taken		her action is required.	
2	Review	of syllabus contents pro	pposed
Action Taken	No furt	her action is required.	
3		ction of Value-added co	
Action Taken	1	dded courses add to fir rvices and Cisco Netwo	nal year curriculum and collaboration with Amazon rking Academy.
4		n in syllabus of Enginee cal and Numerical Meth	ring Mathematics -I, Engineering Mathematics -II & ods.
Action Taken	Mather Engine	matics -II and Statisti ering Mathematics -I, ntial and Integral Cal	s of Engineering Mathematics -I, Engineering cal and Numerical Methods are revised, also Engineering Mathematics -II are renamed to culus and Matrix Algebra and Vector Calculus
5	1	• •	. Tech. in Computer Engineering — Cyber Security syllabus of Sem-I & Sem-II.
Action Taken	No furt	her action is required.	
6		ion on course outcome	
Action Taken	Course meetin		all the courses is set as per discussion in previous
7	Any sp	ecial points/advises by r	nembers of board of studies
Action Taken	No furt	her action is required.	



Faculty of Technology

Section – B	Discussion Points
Agenda – 1	Review of curriculum structure of 4th year B.Tech. Computer Engineering Program
Discussion & Resolution	 Subject distribution is according to categories like UC, UE, IE, PC and PE. Subjects' groups are based on programs where they will learn same set of subjects but in different semesters. Department electives are offered in final year so that students can choose based on their interest. List of elective subjects are mentioned in teaching scheme. For 8th semester, students must have freedom to go for industry project or technical learning within campus. Teaching scheme of 7th & 8th semesters are attached in Annexure I.
Agenda – 2	Review and Revision of syllabus contents proposed
Discussion & Resolution	 Programming subjects are evaluated based on projects. Same will be applicable for other subjects. Subjects must be taught and evaluated based on active learning. Design thinking and problem-solving and Human centric design approach courses are added in semester III and semester IV respectively to have experience on problem solving skill and project-based learning.
Agenda – 3	Inclusion of state of art topics and contents suitable to the current and futuristic learning and development paradigms for the graduates.
Discussion & Resolution	 One or two courses should be taught through independent study during program. (Learning to learn) self-learning platforms like SWAYAM must be encouraged. Learning and Development department would be offering Special purpose training and Special interest group programs designed for the overall development of the student. In place of Career Readiness Program, course of Value Education is introduced.
Agenda – 4	Discussion on Value Added Course
Discussion & Resolution	 Value added course integrated with Amazon Web Services and Cisco Networking Academy. Value added courses focusing on Cloud Computing and Mobile Computing. Get Connected Mobility Fundamentals Packet Tracer 103 AWS: AWS Academy Cloud Foundation



Faculty of Technology Computer Engineering

Minutes of Meeting - Board of Studies A.Y. 2018-19

Agenda – 5	Discussion and approval of M. Tech. in Computer Engineering – Cyber Security, Teaching scheme and detailed syllabus of Sem-III & Sem-IV
Discussion & Resolution	 Teaching schemes for M. Tech Computer Engineering is proposed & detailed syllabus of 3rd and 4th semester are designed. Teaching scheme of 3rd & 4th semesters are attached in Annexure II. For the 3rd Semester, students are allowed to go for Industry project / Technical Learning / Internship within Campus.
•	
Agenda – 6	Discussion on course outcome attainment
Discussion & Resolution	 Attainment level achieved by the department has been discussed and revision of attainment level has been suggested by committee member. Detail information on Course Outcome is attached in Annexure - III.

Meeting Attendees:

Sr.	Expert Name	Expert Signature
1.	Dr. Amit Lathigara	Om
2.	Dr. R. B. Jadeja	Sp.
3.	Dr. Nitul Dutta	nes
4.	Prof. Jay B. Teraiya	· eruning
5.	Dr. Ashish Kumar Srivastava	Ashish /2
6.	Prof. Ashish Revar	Aevar
7.	Dr. Ketan Kotecha	@tn
8.	Dr. Deepak Garg	Deepay Lay
9.	Dr. Amit Ganatra	Afrew
10.	Dr. Apurva Shah	A



Annexure I

	Teaching and Examination Scheme of B. Tech COMPUTER ENGINEERING – Semester – VII	mination S	cheme of E	3. Tech CO	MPUTER	NGINEER	ING – Sem	ester – VII			
Subject Code	Subject Name	Teachii	Teaching Scheme (Hours)	(Hours)	Credits	F	Theory Marks	S	Tute	Tutorial/ Practical Marks	Total Marks
		Theory	Tutorial	Practical		ESE	AI.	CSE	Viva	Term Work	
01CE0701	01CE0701 MOBILE COMPUTING	3	0	2	4	20	30	20	25	25	150
01CE0702	ARTIFICIAL INTELLIGENCE	4	0	2	5	50	30	20	25	25	150
01IT0701	ADVANCED WEB	3	0	2	4	50	30	20	25	25	150
	TECHNOLOGIES										
01CE07XX	01CE07XX DEPARTMENT ELECTIVE - 3	4	0	7	5	20	30	20	25	25	150
01CE07XX	01CE07XX DEPARTMENT ELECTIVE - 4	4	0	2	5	50	30	20	25	25	150
01/10703	01IT0703 MAJOR PROJECT - 1	0	0	2	1	0	0	0	50	20	100

/E - 3 DEPARTMENT ELECTIVE – 4	GRAMMING 1) 01CE0707 - DATA MINING AND INFORMATION RETRIEVAL	ID PROGRAMMING 2) 01CE0708 - SOFTWARE ARCHITECTURE	AMMING WITH PYTHON 3) 01CE0709 - COMPUTATIONAL INTELLIGENCE	CED .NET TECHNOLOGIES
DEPARTMENT ELECTIVE - 3	1) 01CE0703 - IOS PROGRAMMING	2) 01CE0704 - ANDROID PROGRAMMING	3) 01CE0705 - PROGRAMMING WITH PYTHON	4) 01CE0706 - ADVANCED .NET TECHNOLOGIES



Faculty of Technology

Computer Engineering Minutes of Meeting - Board of Studies A.Y. 2018-19

Subject Name Teaching Scheme (Hours) Code Theory Tutorial Practical	ect Name					leading and Examination Scheme of B. Tech.					
		Teachi	ng Scheme	(Hours)	Credits	F	Theory Marks	S		Tutorial/ Practical Marks	Total Marks
	Å.	Theory	Tutorial	Practical		ESE	Ā	CSE	Viva	Term	
01CED8XX DEPARTMENT FI ECTIVE - 5 4 0	FI ECTIVE – 5	4	0	2	5	50	30	20	25	25	150
01/CEORXX DEPARTMENT ELECTIVE - 6 4 0	r ELECTIVE - 6	4	0	2	5	50	30	20	25	25	150
0 0	CT-11	0	0	18	6	0	0	0	200	200	400

DEDARTMENT ELECTIVE - 5	DEPARTMENT ELECTIVE – 6
1) 01CE0801 - NATURAL LANGUAGE PROCESSING 2) 01CE0802 - BIG DATA AND ANALYTICS 3) 01CE0803 - CLOUD COMPUTING	1) 01CE0804 - MACHINE LEARNING 2) 01CE0805 - BUSINESS INTELLIGENCE 3) 01CE0806 - INTERNET OF THINGS



Annexure II

Subject Code	Subject Name	Teachir	Teaching Scheme (Hours)	(Hours)	Credits		Theory Marks	S	Tutorial/ Ma	Tutorial/ Practical Marks	Total Marks
		Theory	Theory Tutorial	Practical		ESE	Y.	CSE	Viva	Term	
CY0301	01CY0301 CYBER FORENSICS AND	3	0	2	4	50	30	20	25	25	150
	INCIDENT RESPONSE									ì	
CY0302	01CY0302 DISSERTATION I	0	0	22	11	0	30	20	100	150	300
CY0306	01CY0306 INFORMATION SECURITY	3	0	2	4	20	30	20	75	75	150
	MANAGEMENT SYSTEM)	2	3	3	130
01510301	COMMUNICATION SKILLS AND	0	2	2	0	0	30	20	75	75	100
	TECHNICAL WRITING)	2	3	3	201

Subject Name Teaching Scheme (Hours) Credits Theory Marks Tutorial/ Parkical Practical ESE IA CSE Viva		Teaching and Examination Scheme of M. Tech. – Computer Engineering – Cyber Security - Semester – IV	ination Schen	ne of M. Tec	th. – Compu	uter Engine	ering – Cył	oer Security	/ - Semest	er – IV		
ESE IA CSE Viva Term	Subject Code	Subject Name	Teach	ing Scheme	(Hours)	Credits		heory Mark	S	Tutorial/	Practical	Total
ESE IA CSE Viva	The second secon		The								2	IVIGIRS
Work			Ineory	Intorial	Practical		ESE	≰	CSE	Viva	Term	
											Work	
	1CY0401 DI	SSERTATION II	0	0	34	17	c	C		4		
0 34 17 0 0 0 34						1)	>	0	120	250	700

Faculty of Technology Computer Engineering

Minutes of Meeting - Board of Studies A.Y. 2018-19

Annexure III

Attainment of Course Outcomes:

Attainment levels of Course Outcomes for the category of courses is set at the following levels based on the suggestions by committee members:

1) B.Tech. – Computer Engineering

Course Category	Target level of Attainment for the Course Outcome
Program Core	57
Program Elective Course	62
General Courses - University Core (GN-UC)	50
General Courses - University Elective (GN-UE)	50
Basic Science Courses - University Core (BS-UC)	50
Engineering Science Courses - University Core (ES-UC)	50

2) M.Tech. – Computer Engineering – Cyber Security

Course Category	Target level of Attainment for the Course Outcome
Program Core	55
Program Elective Course	60
General Courses - University Core (GN-UC)	50
General Courses - University Elective (GN-UE)	50
Basic Science Courses - University Core (BS-UC)	50
Engineering Science Courses - University Core (ES-UC)	50

Faculty of Technology

Minutes of Meeting

Date: 14/07/20	19		Meeting No: 0)4
Start Time: 09:	MA 00	End Time: 10:30 AM		Total Time: 1.5 Hours
Presented by		Dr. Amit Lathigara		
Section - A	Action 1	aken on previous BoS r	neeting	
Agenda No.	Agenda			
1	Review	of curriculum structure	of 4 th year B.Tec	ch. Computer Engineering Program
Action Taken	No furt	her action is required.		
2	Review	and Revision of syllabus	contents propo	osed
Action Taken	No furt	her action is required.		
3	Inclusion of state of art topics and contents suitable to the current and futuristic learning and development paradigms for the graduates.			
Action Taken	No further action is required.			
4	Discuss	ion on Value Added Cou	ırse	
Action Taken	No furt	her action is required.		
5	Teachi	ng scheme and detailed		outer Engineering — Cyber Security -III & Sem-IV
Action Taken	No fur	ther action is required.		
6		sion on course outcome		
Action Taken	Course		all the courses	is set as per discussion in previou

Faculty of Technology Computer Engineering

Minutes of Meeting - Board of Studies A.Y. 2019-20

Section – B	Discussion Points
Agenda – 1	Review of curriculum structure of computer Engineering UG Program
Discussion & Resolution	 Syllabus scrutiny against Course Outcomes and their significance to Bloom's Taxonomy Levels. Few modifications will be been done in COs according to which it will be mapped with Bloom's Taxonomy.
Agenda – 2	Review of syllabus contents proposed
Discussion & Resolution	 Subject names and subject codes have to be aligned based on their elective groups. Elective groups are already fine-tuned as per the suggestion. Content of 01CE1302 and 01CE1303 are revised. There is need of revised in credit of Major Project - I of 7th semester as onl 1 credit allocated to subject.
Agenda – 3	Suggestions or making the curriculum inclined toward industrial integration
Discussion & Resolution	 Program electives should be offered in such way that student can choose his/her specialization from domains like development, security, dat science, IOT etc. In final semester, students must have freedom to go for industry project of technical learning within campus.
	Discussion on course outcome attainment
Agenda – 4 Discussion & Resolution	 Attainment level achieved by the department has been discussed and revision of attainment level has been suggested by committee member. Detail information on Course Outcome is attached in Annexure - I.
Agenda – 5	Any special points/advises by members of board of studies
Discussion &	 Higher levels of bloom's taxonomy should be targeted in the subjects of higher semesters.

Meeting Attendees:

Sr.	Expert Name	Expert Signature
1.	Dr. Amit Lathigara	On
2.	Dr. R. B. Jadeja	aja
3.	Dr. Nitul Dutta	O.S
4.	Dr. Sunil Soni	
5.	Prof. Jay B. Teraiya	1 erwang
6.	Prof. Krunal Vaghela	Amul !
7.	Prof. Santosh Chapaneri	Se
8.	Dr. Rajnikanth Aluvalu	Due



Annexure I

Attainment of Course Outcomes:

Attainment levels of Course Outcomes for the category of courses is set at the following levels based on the suggestions by committee members:

1) B.Tech. - Computer Engineering

Course Category	Target level of Attainment for the Course Outcome
Program Core	57
Program Elective Course	62
General Courses - University Core (GN-UC)	52
General Courses - University Elective (GN-UE)	52
Basic Science Courses - University Core (BS-UC)	52
Engineering Science Courses - University Core (ES-UC)	52

2) M.Tech. – Computer Engineering – Cyber Security

Course Category	Target level of Attainment for the Course Outcome
Program Core	57
Program Elective Course	62
General Courses - University Core (GN-UC)	52
General Courses - University Elective (GN-UE)	52
Basic Science Courses - University Core (BS-UC)	52
Engineering Science Courses - University Core (ES-UC)	52

Minutes of Meeting

		Minutes	of Meering	
Date: 20/06/20	20		Meeting No: 05	
Start Time: 10:	AND RESIDENCE AND PARTY OF THE	End Time: 01:00 PM	Total Time: 3 Hours	
Presented by	med with the death with the first term of the fi	Dr. Nitul Dutta		
	NOTE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLU			
Section - A	Action	taken on previous BoS	meeting To the Program	
1	Review	of curriculum structure	e of computer Engineering UG Program	
Action Taken	No furt	ther action is required.		
2	Review	v of syllabus contents pr	roposed	
Action Taken				
	committee members.			
3	Sugge	stions on making the cu	ırriculum inclined toward industrial integration	
Action Taken		ther action is required.		
Action Taken	Notal	ther action is required.		
4	Discus	ssion on course outcome	e attainment	
Action Taken	Cours	e attainment target for	r all the courses is set as per discussion in previou	
	meeti	ng.		
5	Anys	necial points/advises by	y members of board of studies	
Action Taken		rther action is required.		
ACTION TAKEN	140 14			

Faculty of Technology Computer Engineering

Minutes of Meeting - Board of Studies A.Y. 2020-21

Section – B	Discussion Points	
Agenda – 1	Review of curriculum structure of computer Engineering UG Program	
Discussion &	 Contact hours for students should ideally be 26 to 30 hours per week. 	
Resolution		
Agenda – 2	Review of syllabus contents proposed	
Discussion & Resolution	 Syllabus scrutiny against course outcomes and their significance to bloom's taxonomy levels. Separate credits should be allocated for MOOC course enrolment. It is encouraged for each student to enrol in either Udemy, Udacity, Coursera, etc. to earn this credit. 	
Agenda – 3	Inclusion of state of art topics and contents suitable to the current and futuristic learning and development paradigms for the graduates	
Discussion & Resolution	 Programming subject shall be evaluated based on mini projects. Subject must be taught using active learning. Innovative learning techniques and online tools should be used by the faculties since the covid-19 pandemic has created online teaching / learning environment. 	
Agenda – 4	Discussion on Value-Added Course	
Discussion & Resolution	 Value added course integrated with Coursera. Value added courses focusing on Design and Analysis of Algorithm. Coursera: Algorithmic Toolbox 	
Agenda – 5	Discussion on course outcome attainment	
Discussion & Resolution	 Attainment level achieved by the department has been discussed and revision of attainment level has been suggested by committee member. Detail information on Course Outcome is attached in Annexure - III. 	
Agenda – 6	Discussion and approval of M. Tech. in Computer Engineering, Teaching scheme and detailed syllabus of Sem-I & Sem-II.	
Discussion & Resolution	 New Program M. Tech in Computer Engineering is introduced in this Academic year. Teaching schemes for M. Tech Computer Engineering is proposed 8 detailed syllabus of 1st and 2nd semester are designed and attached in Annexure - I. Departmental electives are given in all semesters to provide flexibility in the curriculum. 	



 Content revision is required in CLSP & MFCS Subjects based on feedback of stockholders. Annexure II – Feedback.



Meeting Attendees:

Sr.	Expert Name	Expert Signature
1.	Dr. Nitul Dutta	(new p
2.	Dr. R. B. Jadeja	Spa.
3.	Prof. Jay B. Teraiya	- erming
4.	Prof. Krunal Vaghela	The I
5.	Dr. Madhu Shukla	a micha
6.	Dr. Sridhar Swaminathan	
7.	Prof. Santosh Champaneri	Se .
8.	Dr. Jayakumar S.	



Annexure I

	Teaching and Examination Scheme of M. Tech. – Computer Engineering – Cyber Security - Semester –	ition Schen	ne of M. Te	ch. – Compu	iter Engine	ering – Cy	ber Securit	y - Semest	ter – I		
Subject Code	Subject Name	Teachi	Teaching Scheme (Hours)	(Hours)	Credits		Theory Marks	S	Tutorial/ Practical Marks	ial/ Practical Marks	Total Marks
		Theory	Tutorial	Practical		ESE	Ā	CSE	Viva	Term Work	
01CO1101	01CO1101 MATHEMATICAL FOUNDATION	4	0	0	4	50	30	20	0	25	125
01CY0102	01CY0102 ADVANCE NETWORK SECURITY	3	0	2	4	20	30	20	25	25	150
01CY0103	01CY0103 INFORMATION SECURITY RISK	3	0	2	4	20	30	20	25	25	150
	ASSESSMENT AND ASSURANCE										
01CY0104	01CY0104 ETHICAL HACKING	0	0	4	2	0	0	0	25	25	50
01CY1108	01CY1108 CYBER LAWS AND SECURITY	3	2	0	4	50	30	20	25	25	150
	POLICIES										
01ES1111	01ES1111 E- WASTE MANAGEMENT	3	0	0	3	20	30	20	0	0	100



	Teaching and Examination Scheme of M. Tech. – Computer Engineering – Cyber Security - Semester – II	tion Schen	ne of M. Te	ch. – Compu	ıter Engine	ering – Cy	ber Securit	ty - Semest	ter – II		
Subject	Subject Name	Teachi	Teaching Scheme (Hours)	(Hours)	Credits		Theory Marks	S	A GEORGE CONTRACTOR	ial/ Practical Marks	Total Marks
9000		Theory	Tutorial	Practical		ESE	IA	CSE	Viva	Term Work	
01CY0201	01CY0201 THEORY OF MODERN	3	0	2	4	20	30	20	25	25	150
	CRYPTOGRAPHY										
01CY0202	SECURITY & PRIVACY ISSUES IN	3	0	2	4	20	30	70	25	25	150
	INTERNET OF THINGS										
01CY0203	01CY0203 WEB APPLICATION &	3	0	2	4	20	30	70	25	25	150
	PENETRATION TESTING										
01CY0204	01CY0204 INTELLECTUAL PROPERTY	4	0	0	4	20	30	20	0	25	175
	RIGHTS										
01CY0205	01CY0205 SEMINAR	0	4	0	2	0	30	70	25	25	100
01CY0207	01CY0207 MALWARE ANALYSIS &	3	0	2	4	20	30	70	25	25	150
	NETWORK SECURITY										



Annexure III

Attainment of Course Outcomes:

Attainment levels of Course Outcomes for the category of courses is set at the following levels based on the suggestions by committee members:

1) B.Tech. - Computer Engineering

Course Category	Target level of Attainment for the Course Outcome
Program Core	57
	62
Program Elective Course	52
General Courses - University Core (GN-UC)	52
General Courses - University Elective (GN-UE)	52
Basic Science Courses - University Core (BS-UC)	52
Engineering Science Courses - University Core (ES-UC)	

2) M.Tech. – Computer Engineering – Cyber Security

Target level of Attainment for the Course Outcome
55
60
50
50
50
50

3) M. Tech. – Computer Engineering

Target level of Attainment for the Course Outcome
55
60



Minutes of Meeting

Date: 03/07/2	021		Meeting No: 06	
Start Time: 11	MA 00.	End Time: 12:30 PM		Total Time: 1.5 Hours
Presented by		Prof. Hardik A. Doshi		
Section - A		taken on previous BoS i		
1	Review	of curriculum structure	of computer Engi	neering UG Program
Action Taken	No furt	her action is required.		
2		of syllabus contents pro	posed	
Action Taken	No furti	her action is required.		
	Inclusion of state of art topics and contents suitable to the current and futuristic			
3				
	learning and development paradigms for the graduates No further action is required.			
Action Taken	No furti	her action is required.		
	Discussion on Value-Added Course			
4			irse	
Action Taken	No furti	her action is required.		
5	Discuss	ion on course outcome	attainment	
Action Taken	Course	attainment target for	all the courses is	s set as per discussion previous
	meeting	g.		
6				er Engineering, Teaching scheme
b		ailed syllabus of Sem-I	& Sem-II.	
Action Taken	No furth	her action is required.		

Faculty of Technology Computer Engineering Minutes of Meeting - Board of Studies A.Y. 2021-22

Section – B	Discussion Points
Agenda – 1	Review of Computer Engineering Department for Academic Year 2020-21
Discussion & Resolution	 The laboratory conduction in the field of computer engineering was quite easy compared to other branches during pandemic time. The teaching & learning process in online mode during the pandemic was appreciated.
Agenda – 2	Teaching Scheme of Semester - I & Semester - II as per new UGC/AICTE Guidelines
Discussion & Resolution	 Course credits for engineering courses need to be revised to 160 credits as per the guidelines provided by UGC/AICTE. Semester – I and Semester – II teaching schemes are redesigned as per revised AICTE guidelines. Teaching hours for students can be kept around 23 hours per week. Subjects with end semester exams should not be more than 5 per semester. The contact hours for laboratory sessions can be increased to make student proficient for industry. Revision in syllabus of 01CE0102 - Computer Workshop and 01CE0101 - Computer Programming is approved. 01CE1303 - Object Oriented Design and Programming is offered in 2nd Semester from A.Y. 2021-22 NCC is introduced with teaching scheme of 1 hour theory and 2 hours laboratory for 2 credit courses in Semester – I and Semester – II. Teaching scheme of 1st & 2nd semester are attached in Annexure I.
Agenda – 3	Introducing Creativity, Problem Solving and Innovation
Discussion & Resolution	 Creativity, Problem Solving and Innovation subject is to be offered in 4th semester.
Agenda – 4	Discussion on Value Added Course
Discussion & Resolution	 Value added course integrated with Microsoft and Coursera. Value added courses focusing on Operating System and Web Technology. Coursera: Linux Server Management and Security Coursera: HTML, CSS, and JavaScript for Web Developers Microsoft: Introduction to Java Programming Microsoft: Software Development Fundamentals Microsoft: Microsoft Azure Al Fundamentals Microsoft: Windows Server Administration Fundamentals Microsoft: Introduction to Programming using HTML and CSS

Faculty of Technology Computer Engineering Minutes of Meeting - Board of Studies A.Y. 2021-22

Agenda – 5	Discussion and approval of M. Tech. in Computer Engineering, Teaching scheme and detailed syllabus of Sem-III & Sem-IV.
Discussion & Resolution	 Teaching schemes for M. Tech Computer Engineering is proposed 8 detailed syllabus of 3rd and 4th semester are designed. For the 3rd Semester, students are allowed to go for Industry project and Technical Learning / Internship within Campus. Teaching scheme of 3rd & 4th semester are attached in Annexure II.
Agenda – 6	Discussion on course outcome attainment
Discussion & Resolution	 Attainment level achieved by the department has been discussed and revision of attainment level has been suggested by committee member. Detail information on Course Outcome is attached in Annexure - III.
Agenda – 7	Feedback from Members of Board of Studies
Discussion & Resolution	 Introducing NCC / NSS as subject in curriculum is appreciated. The students can have flexibility to earn more credits during the semester based on the subjects offered. It was suggested to manage subjects with maximum 4 credits taking syllabug of the subjects in consideration. Shifting of 01CE1303 - Object Oriented Design and Programming from Semester - 3 to Semester - 2 was recommendable.



Meeting Attendees:

Sr.	Expert Name	Expert Signature
1.	Prof. Hardik A. Doshi	Woodi
2.	Dr. R. B. Jadeja	Tia
3.	Dr. Nitul Dutta	Class 1
4.	Dr. Krunal Vaghela	Dynust
5.	Prof. Jay B. Teraiya	1 orumino
6.	Dr B. Amutha	0
7.	Dr. Madhuri Bhavsar	
8.	Dr. Atul Negi	
9.	Dr. Jayakumar S.	

Invite Member:

Sr.	Expert Name	Expert Signature
1.	Mr. Parthrajsinh Jadeja	

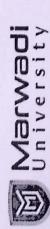


Faculty of Technology
Computer Engineering

B.Tech. Teaching and Examination Scheme A.Y. 2021-22

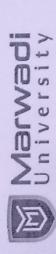
Annexure I

	D Toch Committee Engineering Semester - 1 (Year - 1)	o Semest	or - I (Ve	ar - 1)					Evaluat	Evaluation Scheme		
	D. Iedi. Comparer rigined	9	Teachir	Teaching Scheme (Hours)	(Hours)		The	Theory Marks	sk	Tutorial/ Practical Marks	actical	Total Marks
Subject Code	Subject Name	Туре	Theory	Tutorial	Practical	Credits	ESE(E)	₹	CSE	VIVA(V)	Term Work (TW)	
01MA2101	Differential and Integral Calculus	BSC	3	2	0	5	50	30	20	25	25	150
01EE1101	Basics of Electrical & Electronics	ESC	4	0	2	5	20	30	20	25	25	150
01CF1101	Computer Programming	ESC	4	0	2	5	50	30	20	25	25	150
01651101	Engineering Physics	BSC	3	0	2	4	20	30	20	25	25	150
01CR1103	Value Education	MC	2	0	0	0	00	00	00	20	20	100
01CF1102	Computer Workshop	27	0	0	2	1	00	00	00	25	25	20
01650103	Indian constitution	MC	1	0	0	0	00	00	00	00	8	00
	Total	27 hrs. / week	17	2	80	20	200	120	80	175	175	750
01AU0101	NCC-1		1	0	2	2	00	00	00	8	8	8
	3 hrs. NCC work will be for											
	students who opt for NCC z extra credits for NCC course											
	will be given to the students who opt this subject											
-												



Faculty of Technology Computer Engineering B.Tech. Teaching and Examination Scheme A.Y. 2021-22

	B.Tech. Computer Engineering Semester – II (Year – I)	ng Semest	er – II (Ye	ear - 1)					Evalua	Evaluation Scheme		
			Teachi	Teaching Scheme (Hours)	(Hours)		The	Theory Marks	rks	Tutorial/ Practical Marks	actical	Total Marks
Subject	Subject Name	Туре	Theory	Tutorial	Practical	Credits	ESE(E)	₹	CSE	VIVA(V)	Work	
01MA0104	Linear Algebra	BSC	3	2	0	5	50	30	20	25	25	150
01CE0103	Object Oriented Design and Programming	PCC	4	0	2	5	20	30	20	25	25	150
01ME1103	Engineering Drawings	ESC	2	0	4	4	50	30	20	25	25	150
01EC0102	Digital Electronics	ESC	3	0	2	4	50	30	20	25	25	150
015L0102 / 015L0103	Reading and Writing for Technology /Speaking and Presentation Skills	HSMC	2	0	0	2	00	30	20	25	25	100
01EN1101	Basics of Environmental Studies	MC	2	0	0	0	50	30	20	00	8	100
01CR0104	Professional Ethics	MC	1	0	0	0	00	00	00	50	50	100
	Total	27 hrs. / week	17	2	∞	20	250	180	120	175	175	006
01AU0102	NCC-2		1	0	2	2	00	00	00	00	00	00
	3 hrs. NCC work will be for											
	students who opt for NCC											
	2 extra credits for NCC course											
	will be given to the students											
	who opt this subject											



Faculty of Technology
Computer Engineering
Minutes of Meeting - Board of Studies A.Y. 2021-22

Annexure II

	Teaching and Examination Scheme of M. Tech. – Computer Engineering – Cyber Security - Semester – III	ion Schem	e of M. Tec	:h. – Compu	ter Engine	ering - Cyt	ber Security	/ - Semeste	er – III		
Subject	Subject Name	Teachi	Teaching Scheme (Hours)	(Hours)	Credits	F	Theory Marks	S	Tutorial/ Practical Marks	ial/ Practical Marks	Total Marks
		Theory	Tutorial	Practical		ESE	ΙΑ	CSE	Viva	Term Work	
01CY0301	01CY0301 CYBER FORENSICS AND	3	0	2	4	50	30	20	25	25	150
	INCIDENT RESPONSE										
01CY0306	01CY0306 INFORMATION SECURITY	3	0	2	4	20	30	20	25	25	150
	MANAGEMENT SYSTEM										
01CY1302	01CY1302 DISSERTATION-1	0	0	22	11	0	80	20	100	100	300
015L0301	015L0301 COMMUNICATION SKILLS AND	0	2	2	0	0	30	20	25	25	100
	TECHNICAL WRITING										

	Teaching and Examination Scheme of M. Tech. – Computer Engineering – Cyber Security - Semester – IV	tion Schem	e of M. Tec	h. – Compu	ter Engine	ering – Cył	ser Security	/ - Semeste	er – IV		
Subject	Subject Name	Teachir	ng Scheme	Teaching Scheme (Hours) Credits	Credits	F	Theory Marks	S	Tutorial/ Pra Marks	ctical	Total Marks
		Theory	Tutorial	Theory Tutorial Practical		ESE	Ā	CSE	Viva	Term Work	
01CY1401	01CY1401 DISSERTATION II	0	0	34	17	0	34 17 0 80 20 150 150	20	150	150	400
2017:070											

Annexure III

Attainment of Course Outcomes:

Attainment levels of Course Outcomes for the category of courses is set at the following levels based on the suggestions by committee members:

1) B.Tech. - Computer Engineering

Course Category	Target level of Attainment for the Course Outcome
Professional Core Courses (PCC)	57
Professional Elective Courses (PEC)	62
Basic Science Courses (BSC)	52
Engineering Science Courses (ESC)	52
Humanities and Social Sciences including Management Courses (HSMC)	52
Open Elective Courses (OEC)	52
Laboratory Course (LC)	52
Mandatory Courses (MC)	52

2) M.Tech. – Computer Engineering – Cyber Security

Course Category	Target level of Attainment for the Course Outcome
Professional Core Courses (PCC)	60
Professional Elective Courses (PEC)	65
Basic Science Courses (BSC)	55
Engineering Science Courses (ESC)	55
Humanities and Social Sciences including Management	55
Courses (HSMC)	55
Open Elective Courses (OEC)	55
Laboratory Course (LC) Mandatory Courses (MC)	55

3) M. Tech. – Computer Engineering

Course Category	Target level of Attainment for the Course Outcome
Professional Core Courses (PCC)	57
Professional Elective Courses (PEC)	62
Professional Elective Courses (1 20)	



Program Structure Design Committee & Board of Study Meeting Agenda

<u>Date: 27th January, 2018</u> <u>Venue: Marwadi University Campus, Rajkot</u> <u>Time: 10:30 am</u>

Sr. No.	Particulars	Annexure	Page No.
1	Approval of Vision Statement & Mission Statement, of Faculty of Law, Marwadi University	A	1
2	Approval of Programme Outcome, Programme Educational Objectives & Programme Specific Outcome of B.A., LL.B. (Hons) and B.Com., LL.B. (Hons)	В	2
3	Approval of Program Structure of B.A., LL.B. (Hons)	C	4
4	Approval of Program Structure of B.Com., LL.B. (Hons)	D	8
5	Introduction of Teaching & Examination Scheme and Syllabus of Semester I of undergraduate program of B.A. LL.B Hons. & B. Com LL.B Hons.	E	12
6	Any other item with the permission of the chair	F	





Annexure A

Vision and Mission Statement

VISION STATEMENT

To be an institution of global excellence in legal education, training, research for the advancement of the rule of law and justice.

MISSION STATEMENT

To prepare legal professionals with ethical values, substantive knowledge, and practical skills needed to become effective advocates of justice and rule of law.





Faculty of Law Annexure B

Program Outcomes

At the end of the program at Faculty of Law, Marwadi University students will develop:

PO1 Ability to identify theory, doctrine and practice.

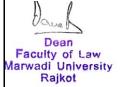
PO2 Ability to estimate research and inquiry.

PO3 Ability to appraise ethical, societal and professional understanding.

PO4 Ability to connect legal problems and provide sound advice.

PO5 Ability to engage in dialectical discourse of law and societal reform.

PO6 Ensure highest standard of the profession.





Faculty of Law Program Educational Objectives

Faculty of Law, Marwadi University aims at achieving following objectives through its integrated law degree program:

PEO1 Define legal systems, legal documents & legal research.

PEO2 Identify legal issues and relevant rules from various authorities.

PEO3 Interpret legal ethics and professionalism.

PEO4 Ability to make comparative assessment of legal systems and corresponding laws.

PEO5 Critical reading and understanding of legal authorities.

PEO6 Develop persuasive writing, drafting, advocacy skill and lawyering skills like interviewing, counselling, or negotiation.

Programme Specific Outcome

PSO1 Ability to identify theory, doctrine and practice.

PSO2 Ability to appraise ethical, societal and professional understanding.

PSO3 Ability to engage in dialectical discourse of law and societal reform.

Dean
Faculty of Law
Marwadi University
Rajkot



Annexure C

B.A., LL.B. (Hons) Five Year Integrated Program <u>Program Structure</u>

First Year

Semester I			
Course Title	Total Credits		
Political Science I	4		
Sociology I	4		
English – I (Linguistics and	4		
literature)			
Legal Methods	4		
Law of Contract – I (General	4		
Principles)			
Critical Thinking & Argumentative	2		
skills			
Total	22		

Semester II			
Course Title	Total Credits		
Political Science II	4		
Economics I	4		
English – II (Communication skills)	4		
Law of Tort, Consumer Protection	4		
& Motor Vehicles Act, 1988			
Law of Contract – II	4		
Moot Court Training	2		
Internship (NGO) 4 weeks	2		
Total	24		

Second Year

Semester III			
Course Title	Total Credits		
Political Science III	4		
Economics II	4		
Family Law – I	5		
Constitutional Law – I	5		
Law of Crimes – I (IPC)	5		
(General Principles)			
Foreign Language— I	2		
Internship (Lower Court 1) 4 weeks	2		
Total	27		

Semester IV			
Course Title	Total Credits		
Political Science IV	4		
Sociology II	4		
Family Law – II	5		
Constitutional Law – II	5		
Law of Crimes – II (IPC)	5		
(Specific Offences)			
Foreign Language— II	2		
Internship (Lower Court 2) 4 weeks	2		
Total	27		





Faculty of Law Third Year

Semester V		
Course Title	Total Credits	
Criminal Procedure Code	5	
Jurisprudence	5	
Corporate Law I	5	
Law of Evidence	5	
Administrative Law	5	
Legal Writing	2	
Internship (High Court 1) 4 weeks	2	
Total	29	

Semester VI			
Course Title	Total Credits		
Environmental law	5		
Interpretation of Statutes	5		
Civil Procedure Code & Limitation Act	5		
Property Law	5		
Intellectual property law	5		
Corporate Law II	5		
Internship (High Court 2) 4 Weeks	2		
Total	32		

Fourth Year

Semester VII			
Course Title	Total Credits		
Labour & Industrial Law	4		
Taxation Law I	4		
Arbitration, Conciliation & Alternate Dispute Resolution (Clinical Course I)	4		
Public International Law	4		
Investment & Security Law	4		
Honours Course I	4		
Honours Course II	4		
Internship (Supreme Court/Law Firm/Corporate House 1) 4 weeks	2		
Total	30		

Semester VIII			
Course Title	Total Credits		
Banking & Insurance Law	4		
Private International Law	4		
Competition Law	4		
Taxation Law II	4		
Human Rights & International Humanitarian Law	4		
Honours Course III	4		
Honours Course IV	4		
Internship (Supreme Court/Law Firm/Corporate House 2) 4 weeks	2		
Total	30		



Fifth Year

Semester IX		
Course Title	Total Credits	
Drafting, Pleading and	4	
Conveyance(Clinical Course II)		
Professional Training	4	
Litigation Advocacy, Professional	4	
Ethics & Bench Bar Relations		
(Clinical Course III)		
Elective Courses (Any Two)	8	
Telecommunication law		
Energy Law		
Natural Resources management		
Law		
Law on Disaster management		
Water Law		
Honours Course V	4	
Honours Course VI	4	
Placement Internship, 4 weeks	2	
Total	30	

Semester X			
Course Title	Total Credits		
Public Interest Lawyering, Legal Aid	4		
& Para Legal Services (Clinical			
Course IV)			
Law, Science & Technology	4		
Professional Training II	4		
OPTIONAL(Any two)	8		
Air & Space law			
Maritime Law			
Cyber Law			
Sports Law			
Health Law			
Honours Course VII	4		
Honours Course VIII	4		
Total	28		

Total No. of Credits: 278



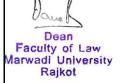


Honours Course Outline

SEMESTER VII				
PAPER	CONSTITUTIONAL	BUSINESS LAW	CRIME AND	INTELLECTUAL
FAFLIN	LAW GROUP	GROUP	CRIMINOLOGY	PROPERTY LAW
Hons. I	Media Law	Law of Merger and Acquisition	Criminology	Copyright Law in film Industry
Hons. II	Election Law	Law on Infrastructure Development	ICT law	Law of Trademark & passing off
		SEMESTER VIII		
Hons. III	Law & Education	Law on Corporate Finance	Penology	Patent, Right, Creation and Registration
Hons. IV	Immigration Law	Corporate Governance	Administration of Criminal Justice I	Patent Drafting and Specification Writing
		SEMESTER IX		
Hons. V	Law of Writs	Law of Bankruptcy and Insolvency	Forensic Science & law interface	Biodiversity Protection
Hons. VI	Right to Information Law	Financial Market Regulation	Administration of Criminal Justice II	IPR in Pharma Industry
SEMESTER X				
Hons. VII	Comparative Constitution	International Trade Law	Comparative Criminal procedure	International Intellectual Property law
Hons. VIII	Judicial Process	International Taxation	International Criminal Law	Law of Trade Secret and Technology Transfer



Annexure D





Faculty of Law B.Com., LL.B. (Hons) Five Year Integrated Program

Program Structure

First Year

Semester I				
Course Title	Total Credits			
Theory & Principles of Management	4			
Principles of Accounting	4			
English – I (Linguistics and literature)	4			
Legal Methods	4			
Law of Contract – I (General Principles)	4			
Critical Thinking & Argumentative skills	2			
Total	22			

Semester II				
Course Title	Total Credits			
Business Environment	4			
Advanced Accounting Principles	4			
English – II (Communication skills)	4			
Law of Tort, Consumer	4			
Protection & Motor Vehicles Act, 1988				
Law of Contract – II	4			
Moot Court Training	2			
Internship (NGO) 4 weeks	2			
Total	24			

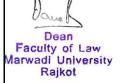
Second Year

Semester III				
Course Title	Total Credits			
Human Recourse Management	4			
Organizational Behaviour	4			
Family Law – I	5			
Constitutional Law – I	5			
Law of Crimes – I (IPC)	5			
(General Principles)				
Foreign Language— I	2			
Internship (Lower Court 1) 4 weeks	2			
Total	27			

Semester IV				
Course Title	Total Credits			
Financial Management	4			
Entrepreneurship Development	4			
Family Law – II	5			
Constitutional Law – II	5			
Law of Crimes – II (IPC)	5			
(Specific Offences)				
Foreign Language- II	2			
Internship (Lower Court 2) 4 weeks	2			
Total	27			



Third Year





Semester V				
Course Title	Total Credits			
Criminal Procedure Code	5			
Jurisprudence	5			
Corporate Law I	5			
Law of Evidence	5			
Administrative Law	5			
Legal Writing	2			
Internship (High Court 1) 4 weeks	2			
Total	29			

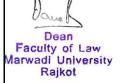
Semester VI				
Course Title	Total Credits			
Environmental law	5			
Interpretation of Statutes	5			
Civil Procedure Code & Limitation Act	5			
Property Law	5			
Intellectual property law	5			
Corporate Law II	5			
Internship (High Court 2) 4 Weeks	2			
Total	32			

Fourth Year

Semester VII				
Course Title	Total Credits			
Labour & Industrial Law	4			
Taxation Law I	4			
Arbitration, Conciliation & Alternate Dispute Resolution (Clinical Course I)	4			
Public International Law	4			
Investment & Security Law	4			
Honours Course I	4			
Honours Course II	4			
Internship (Supreme Court/Law Firm/Corporate House 1) 4 weeks	2			
Total	30			

Semester VIII	
Course Title	Total Credits
Banking & Insurance Law	4
Private International Law	4
Competition Law	4
Taxation Law II	4
Human Rights & International Humanitarian Law	4
Honours Course III	4
Honours Course IV	4
Internship (Supreme Court/Law Firm/Corporate House 2) 4 weeks	2
Total	30

Fifth Year





Drafting, Pleading and	4
Conveyance(Clinical Course II)	
Professional Training	4
Litigation Advocacy, Professional	4
Ethics & Bench Bar Relations (Clinical	
Course III)	
Elective Courses (Any Two)	8
Telecommunication law	
Energy Law	
Natural Resources management Law	
Law on Disaster management	
Water Law	
Honours Course V	4
Honours Course VI	4
Placement Internship, 4 weeks	2
Total	30

Semester X				
Course Title	Total Credits			
Public Interest Lawyering, Legal	4			
Aid & Para Legal Services (Clinical				
Course IV)				
Public Policy and Law	4			
Professional Training II	4			
OPTIONAL(Any two)	8			
Air & Space law				
Maritime Law				
Cyber Law				
Sports Law				
Health Law				
Honours Course VII	4			
Honours Course VIII	4			
Total	28			

Total No. of Credits: 278





Faculty of Law <u>Honours Course Outline</u>

SEMESTER VII					
PAPER	CONSTITUTIONAL LAW GROUP	BUSINESS LAW CRIME AND CRIMINOLOGY		INTELLECTUAL PROPERTY LAW	
Hons. I	Media Law	Law of Merger and Acquisition	Criminology	Copyright Law in film Industry	
Hons. II	Election Law	Law on Infrastructure ICT law Development		Law of Trademark & passing off	
	I	SEMESTER VIII			
Hons. III	Law & Education	Law on Corporate Finance	Penology	Industrial Design	
Hons. IV	Immigration Law	Corporate Governance Administration of Criminal Justice I		Patent Drafting and Specification Writing	
		SEMESTER IX			
Hons. V	Law of Writs	Law of Bankruptcy and Insolvency	, ,		
Hons. VI	Right to Information Law	Financial Market Regulation	of Criminal		
		SEMESTER X			
Hons. VII	Comparative Constitution	International Trade Law	Comparative Criminal procedure	International Intellectual Property law	
Hons. VIII	Judicial Process	International International Taxation Criminal Law		Law of Trade Secret and Technology Transfer	





B.A., LL.B. Hons Subject Code/Teaching/Examination Scheme

Semester I Tota Cred 1 **Evaluation Scheme Teaching Scheme** Mar its $\mathbf{k}\mathbf{s}$ **CSE Subject Subject ESE** TW(Contin IA Code Name (End (Interna uous (Ter Vi **Tutor** Semes **Practi** Theory Scheme 1 m cal ial ter Assessm of Wor **Exam Evaluati** ent) k)) on) English – I (Linguistics 3 0 2 25 25 0 100 4 30 20 and 10SL0101 literature) Critical Thinking & 0 0 50 0 100 1 1 2 0 50 Argumentat 10CR0101 ive skills Political 3 0 2 4 30 20 0 0 50 100 10BA0101 Science I **Economics** 3 0 2 4 30 20 0 0 50 100 10BA0102 100 10BA0103 Sociology I 3 0 2 4 30 20 0 50 0 Legal 3 0 2 0 4 30 20 0 50 100 10BA0105 Methods Law of Contract-I3 0 2 4 30 20 0 0 50 100 (General 10BA0106 Principles) 19 0 13 26 180 120 75 75 250 700 **Total**





Faculty of Law B.A. LL.B Hons

Semester I

Subject Code: 10SL0101 - Subject Credits: 04
Subject Name: Introduction to Language Skills

Course Description

This skill-based course offers an orientation towards basic language skills (LSRW). It aims at helping learners acquire language skills in English for fostering their learning in the specified domain i.e., law. It aims to engage students through various activities to learn techniques of and approaches to language skills.

Course Objectives

- 1. To familiarize students with language skills to understand their domain
- 2. To help students enhance their competency in English language with a focus on LSRW
- 3. To introduce students to English in legal context to help them achieve their program requirements

Course Outcome (CO):

The students will get the necessary training in language skills and they will be able to:

- 1. Develop and enhance their listening skills for various purposes
- 2. Understand and use written and spoken language in context
- 3. Comprehend, compare and differentiate between various written texts/documents
- 4. Evolve appropriate writing competence

Unit 1: Listening in Context

(12 hours)

- Listening with a purpose
 - o Listening for detail
 - What do you mean by detail?
 - Having an eye for detail/ identifying detail in context
 - Tasks
 - o Listening for the main idea
 - Defining the main idea
 - Techniques to identify the main idea
 - Tasks
 - Listening for specific vocabulary

Dean
Faculty of Law
Marwadi University
Rajkot

- Faculty of Law
 Understanding vocabulary (various forms/types)
- Vocabulary in context (formal & informal etc)
- Tasks
- o Listening for attitudes and opinions





- Defining, identifying and differentiating attitudes and opinions
- Attitudes and opinions in context
- Tasks

Unit 2: Speaking in Context

(12 hours)

- Speaking in context
 - o Effective Pronunciation & Body Language
 - Basics of pronunciation
 - Understanding body language
 - Tasks
 - Conversation in formal and informal contexts
 - Language in informal context
 - Language in formal context
 - Tasks
 - Persuasive speaking
 - Law and the art of persuasion
 - Techniques
 - Tasks
 - Using Argumentation
 - Law and the art of argumentation
 - Techniques
 - Tasks

Unit 3: Reading Skills

(12 hours)

- Skimming, Scanning, Intensive and Extensive Reading
 - o Tasks
- Reading Comprehension and Interpretation
 - Understanding comprehension and interpretation
 - o Techniques of comprehension and interpretation
 - o Tasks
- Comparing, and Classifying information
 - o Techniques of comparison and classification
 - o Tasks
- Evaluating and Synthesizing Information
 - o Techniques of evaluation and synthesizing
 - Tasks



Unit 4: Writing Skills

(12 hours)

• Grammar in context

Dean
Faculty of Law
Marwadi University
Rajkot



- Understanding grammar in context
- o Practice
- Vocabulary in Context
 - Synonyms and antonyms
 - Acronyms and abbreviations
 - o Idioms and Phrases
- Sentence Structure and Paragraph Development
 - o Types of sentences and sentence structure
 - Paragraph development strategies
 - o Practice
- Note Taking and Note Making
 - Note taking vs. Note making
 - Methods of preparing Notes
 - Tasks

Teaching Scheme

Teaching Scheme (Hours per week)					Total Marks		
Practical	ESE	IA	CSE	Viva	Term Work	Total Marks	
2 Hours	00	30	20	25	25	100	

- 1. IA will consist of the following components (30 marks):
 - a. **Assignments** (20 Marks): Students will prepare three oral assignments.
 - **b.** In-Class Participation (10 Marks)
- 2. CSE (20 marks):
 - a. (Term End Simulation): Students will carry out simulated tasks at the end of the semester. It would comprise of individual and group tasks.
- 3. **Viva (25 Marks):** Viva will be conducted at the end of the semester. It will be based on the CSE, Term Work, Assignments and topics covered in the syllabus.
- 4. Term Work (25 Marks):

(**Term-End Presentation**): Students will make a presentation based on topics provided by the faculty, at the end of the semester.

Recommended Readings

1. Siddons Suzy. The Complete Presentation Skills Handbook. Kogan Page, 2008.





- 2. Sprague Jo, and Douglas Stuart. *The Speaker's Handbook*. 8th ed., Thomson Wadsworth, 2008.
- 3. Kumar, Sanjay, & Puspalata. Communication Skills. OUP. 2011.
- 4. A. S. Hornby, *Guide to Patterns and Usage in English* (2nd Ed. Oxford University Press)
- 5. Amy Krois Linder and TransLegal. *International Legal English: A course for classroom and self-study use.* ((2nd edn Cambridge University Press. 2014)
- 6. M. A. Yadugiri and Geeta Bhasker. *English for Law*. (Foundation Books, Cambridge House. 2005)
- 7. S.R. Myneni, English for Pre-Law: Vol. I & II. (2nd edn Allahabad Law Agency. 2011)
- 8. Michael McCarthy & Felicity O'Dell, English Idioms in use. ISBN: 9780521731768,
- 9. Michael McCarthy & Felicity O'Dell, *English Phrasal verbs in use*, ISBN: 9780521736381
- 10. Michael McCarthy & Felicity O'Dell, English Vocabulary in Use, ISBN: 9780521684569
- 11. Raymond Murphy, Intermediate English Grammar, ISBN NO 978-81-7596-676-5
- 12. Raymond Murphy & Louise Hashemi, *English Grammar in Use* (Supplementary Exercises 3rd edn Cambridge University Press Ltd.)
- 13. Raymond Murphy, Essential English Grammar, ISBN: 9788175960299
- 14. Dr. Anirudh Prasad. *Outlines of Legal Language in India* (Central Law Publications, 2014).
- 15. Bryan A. Garner, *Legal Writing in Plain English: A Text with Exercises* (University of Chicago Press, London 2001).
- 16. Bryan A. Garner, Garner on Language and Law (American Bar Association 2009)
- 17. Bryan Garner. The Winning Brief: 100 Tips for Persuasive Briefing in Trial and Appellate Courts. OUP 2014
- 18. Bryan Garner. The Redbook Manual of Legal Style. (3rd Ed.) WEST.
- 19. Michael J. Wallace, *Study Skills in English*, Cambridge University Press, Cambridge, 1980.
- 20. Ashok R. Kelkar, *Communication and Style in Legal Language*, Indian Bar Review a. Vol. 10 (3): 1993.
- 21. Garner Bryan, A Dictionary of Modern Legal Usage, New York: OUP, 1987.
- 22. Eastwood John, Oxford Practice Grammar, Oxford Uni. Publication.
- 23. Anirudh Prasad, *Outlines of Legal Language in India*, Central Law Publications, Allahabad.
- 24. J.S. Singh, Legal Language, Writing and General English.
- 25. Glendinning, Eric H., and Beverly Holmström. *Study Reading: A Course in Reading Skills for Academic Purposes*. Cambridge University Press, 2012.



26. Hamp-Lyons, Liz, and Ben Heasley. *Study Writing: A Course in Writing Skills for Academic Purposes*. Cambridge University Press, 2013.





	Faculty of Law B.A.,LL.B. (Hons) Semester I					
Marwadi University						
Subject	Critical Thinking and Credit Teaching Scheme					
Name	Argumentative Skills		Theory	Practical	Tutorial	
Subject	10CR0101	2	1	0	2	
Code						

Course Objectives

The course is designed to achieve Following Objectives:

- To underscore the realization and importance of Critical thinking in academics;
- To conduct various Practical exercises to inculcate skills and faculties so that they think logically and analytically.
- To develop the Skills in students so that they can examine research and analyze evidence in order to organize, deliver and critique effective arguments and rebuttals.

Prerequisites:	
None	

• Course Outcomes

On completion of this course, the students will be able to

- Identify the differences between fact and opinion.
- Identify, compose and refute propositions of fact, value and policy.
- Understand the methods of analyzing evidences in order to organize, deliver and critique effective arguments and rebuttals.
- Analyze and utilize formal and informal logic to construct arguments which advocate or defend position(s).
- Utilize ethical communication when developing arguments while simultaneously taking into consideration diverse audiences.
- Design and present impromptu, extemporaneous and prepared arguments.



Catalog Description

The purpose of this course is to develop thinking skills. We live in a society that mass-produces information. Not all of it is true or well grounded in fact. The key challenge in an information age is to know how to judge the quality of the information, opinions,

Dean
Faculty of Law
Marwadi University
Rajkot



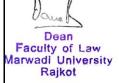
and arguments that we are exposed to on a daily basis. This includes the ideas, arguments and assertions that we see, hear or read in the news, in coursework, on the job and in all human relations. Critical thinking is a fundamental leadership competency. Leaders are often presented with information from a variety of sources and about areas where they have no expertise. They must know how to make good judgments about people, information, and arguments. Leaders also have to know how to present persuasive arguments. Some people become leaders because of their personality, desire, or "people skills." Others become leaders because of their ideas and ability to create a vision, plan for the future, and anticipate and solve problems. Critical thinking is the foundational skill for of the Jepson School curriculum. It is not an end in itself, but a first step towards creative thinking and problem solving. The ability to think critically and solve problems is not only important for leadership, but for a lifelong learning.

Course Content

Module 1:- Introduction	i. ii. iii. iv. v.	What is Critical Thinking? Intellectual Standards to Critical thinking. Benefits of Critical thinking. Barrier to Critical thinking. Characteristic of Critical thinkers.	5 hours
Module 2:- Evaluating Arguments	i. ii. iii.	Argument and Non-arguments Refuting Arguments Premises and Conclusions.	3 hours
Module 3:- Basic Logical Concepts	i. ii.	Inductive and Deductive Arguments Legal Reasoning – Inductive and Deductive.	2 hours
Module 4:- Logical Fallacies	i. ii. iii.	Fallacious Arguments. Fallacies of Relevance. Fallacies of Insufficient evidence.	3 hours



		i acaity of Law	
Module 5:- Inductive Reasoning	i. ii. iii.	Inductive Generalizations. Induction and Analogy. Induction and Causal Arguments.	3 hours





Module 6:- Evaluating	i.	Deductive validity.	2 hours
Inferences	ii.	Assumptions and other	
		relevant arguments.	
Module 7:- Information and	i.	Judging the credibility of	5 hours
its Evaluation		source.	
	ii.	Sources of Information.	
	iii.	Testimony as a source of	
		Information.	
Module 8:- Decision Making	i.	Common flaws in our thinking	3 hours
		about decisions.	
	ii.	A model for good decision	
		making.	
	iii.	Decision procedures and	
		making the right decisions.	
Module 9:- Critical Thinking,	i.	Western and Indian traditions	4 hours
Law and Logic	l	of epistemology.	
	ii.	The Indian System of Nyaya.	

Text Books

- 1. Alec Fisher, *Critical Thinking An Introduction*, Cambridge University Press, 2001.
- 2. Madhucchanda Sen, An Introduction to Critical Thinking, Pearson India, 2010.
- 3. Gregory Bassham, *Critical Thinking A Student's Introduction*, Mc Graw Hill, 2010.
- 4. Howard Kahane & Nancy Cavender, *Logic and Contemporary Rhetoric*, 10th edition, (Wadsworth Publishing, 2006).

Reference Books

- 1. 1. John Stuart Mill, *A system of logic, Ratiocinative and Inductive*, University of Toronto Press, 1853. Available at:
 - http://oll.libertyfund.org/?option=com_staticxt&staticfile=show.php%3Ftitle=246
- 2. Nick Morgan, Give Your Speech, Change the World: How to Move Your Audience to Action, Harvard Business School Press, 2003.
- 3. Andrea Gardner, Change your words, change your world, Hay House Publishers, 2012.
- 4. Karyn C. Rybacki & Donald J. Rybacki, *Advocacy and Oppostion: An Introduction to Argumentation*, Pearson, 2012.



Marwadi University	Faculty of Law B.A,LL.B. (Hons) Semester I						
Subject	Political Science I (contemporary	Credit	Teaching Scheme				
Name	Issues in Indian Politics)		Theory Practical Tuto				
Subject Code	10BA0101	4	3	0	2		

Course Objectives:

The course is designed to familiarize students with the key political processes that have shaped India in the post -independence period. The analysis is done from both a local and national perspective, delineating how such processes have affected the key political issues facing the country.

Prerequisites:	
None	

Learning Outcomes:

After completion of the course, students would be able to:

- Understanding of post-colonial India
- Dynamics of Indian politics
- Interconnections of religion, caste and politics
- Importance of federo-unitary structure of India
- Understanding of local and national politics



Course content

Module	Topics	Core Reading	Additional Reference	Hours
I	Federalism: The Federal System: Centre- State Relations, Nagar Palikas and Panchayati Raj	D. D. Basu, An introduction to the Constitution of India.	Granville Austin, Constitution of India. Oxford, New Delhi	13
II	Political Parties: National and Regional; Changing Nature of Party System.	C. P. Bhambhri, The Indian State: Fifty years. Granville Austin, Constitution of India.		13
III	Electoral system: Election Commission, Electoral Reforms, Criminalization of Politics	Paul Brass, Politics of India since Independence, Hyderabad, Orient Longman, 2001.		13
IV	Indian Politics: Major Issues in Indian Politics- Religion, Caste and Reservations, Language, Regionalism. Constitution and Society: Right to Education and Right to Work, Right to food. Corruption.	Paul Brass, Politics of India since Independence, Hyderabad, Orient Longman, 2001.	S. Kashyap, Reviewing Constitution, Shipra, New Delhi.	21

Text Book:

- D. D. Basu, An introduction to the Constitution of India, New Delhi, Prentice Hall, 2005 (Reprint)
- C. P. Bhambhri, The Indian State: Fifty years, New Delhi, Shipra, 1997.
- Paul Brass, Politics of India since Independence, Hyderabad, Orient Longman, 2001.
- Granville Austin, Constitution of India. Oxford, New Delhi.
- S. Kashyap, Reviewing Constitution, Shipra, New Delhi
- Jones, Morris: Government and Politics in India, Oxford University Press, N. Delhi,
- 1998.
- Noorani, N.V.: Constitutional Question in India, the President, Parliament and the State, Oxford, UP, 2000



Marwadi University	Faculty of Law B.A,LL.B. (Hons) Semester I				
Subject	Economics I	Credit	Teaching Scheme		
Name			Theory	Practical	Tutorial
Subject Code	10BA0102	4	3	0	2

Course Objectives:

The course is designed to achieve Following Objectives:

- To build an understanding of basic concepts of Micro components of Economics.
- To develop an understanding of the interface between Law and Economics by discussion of applications various concepts in Law which have been derived from Economics.

Prerequisites: None

Course/Learning Outcomes:

After completion of this course, the student will be able to:

- Develop acquaintance with the functioning of various Micro concepts in the real world phenomenon.
- Analyse various legal and economic issues and which are often found to be strongly associated with each other and develop meaningful solutions for the same.
- Comprehend the structural framework and functioning of various Laws and Acts which are built upon various Economic Theories and Principles.

Catalogue Description:

Economic analysis of law is the application of <u>economic</u> theory (specifically microeconomic theory) to the analysis of <u>law</u> that begins mostly with scholars from the <u>Chicago school of Economics</u>. In this branch of study, Economic concepts are used to explain the effects of



laws, to assess which legal rules are <u>economically efficient</u>, and to predict which legal rules will be <u>promulgated</u>. The whole syllabus can be distinctly identified as divided into three parts: Part-I (Modules-I, II, III and IV): which deals with the explanation of various concepts of Microeconomics; Part-II (Module-V): Application of various concepts of Economics to Law and Part-III (Module-VI): Pioneer contributions of various eminent scholars to the branch of study which is referred to as Law and Economics.

Session	Topics						
Module-I	Introduction to Law and Economics						
(10 hours)	(i) Economic Analysis of Law						
	(ii) Basic Concepts of Microeconomics (Scope, Importance and						
	Limitations)						
	(a) How Do People Make Decisions? (Principles of Incentives,						
	Rationality and Opportunity Cost)						
	(b) How Do People Interact? (Principles of Maximization, Equilibrium						
	and Efficiency)						
	(iii) Methodology of Economic Enquiry (Inductive and Deductive)						
	(iv) Mathematical Tools used in the Understanding of Law and Economics						
Module-II	The Theory of Demand and Supply						
(10 hours)	(i) The Theory of Demand						
	(ii) The Theory of Supply						
	(iii) Determination of Equilibrium between Demand and Supply						
	(iv) Elasticity of Demand (Types)						
Madula III	(v) Elasticity of Supply (Types)						
Module-III (10 hours)	The Theory of Production and Costs						
(10 Hours)	(i) Concept and Features of Production Function (Output and Inputs)						
	(ii) Types of Productivity and Revenue (iii) Types of Costs						
	(iv) Conditions of Optimality of Operation						
Module-IV	Price and Output Determination under different Market						
(8 hours)	Structures (Features)						
(o nours)	(i) Perfect Competition						
	(ii) Monopolistic Competition						
	(iii) Monopoly						
	(iv) Oligopoly						
Module-V	Applications of Economics to Law (Basic Concepts)						
(11 hours)	(i) Externalities and Problem of Social Costs						
	(ii) Transaction Costs						
	(iii) The Theory of Bargaining						
	(iv) Game Theory (Prisoner's Dilemma)						
	(v) Public and Private Goods						
	(vi) Role of Institutions and Organizations						
Module-VI	Pioneer Contributions to Law and Economics (A Nutshell Idea)						



(11 hours)	(i) Guido Calabresi (Founder of the Law and Economics Branch)
	(ii) Ronal H. Coase (Problem of Social Costs)
	(ii) George J. Stigler (Economic Theory of Regulation)
	(iii) Gary Becker (Economic Analysis to Crime and Punishment)
	(iv) Richard Posner (Efficiency of Legal System)

Text Books:

- (1) H. L. Ahuja. Macroeconomics: Theory and Policy, S. Chand Publishers, 11th Revised Edition, 2006.
- (2) Robert Cooter and Thomas Ulen. Law and Economics Berkley Law Books, 6th Edition, 2016.

Selected Readings:

- (1) N. Gregory Mankiw. Principles of Economics. Harward University Press, 7th edition, 2014.
- (2) A. Koutsoyiannis. Modern Microeconomics. Palgrave Macmillan, 2003.
- (3) Shubhashis Gangopadhyay and V. Santhakumar. Law and Economics. Sage Publications, New Delhi, Vol-I and II, 2013.
- (4) Lloyd R. Cohen and Joshua D. Wright. Pioneers of Law and Economics. Edwar Elgar Publishing House, UK, 2011.
- (5) Dominick Salvatore. Microeconomics: Theory and Applications, Oxford University Press, 2003.

Marwadi University	Faculty of Law B.A,LL.B. (Hons) Semester I				
Subject Name	Sociology I	Credit	Theory	eaching Sch Practical	eme Tutorial
Subject Code	10BA0103	4	3	0	2

Objectives:

The course is designed to achieve Following Objectives:

- Aims to provide background of subject and its relevance in studying society.
- Aims to help the students understand basic concepts in sociology which will help in better understanding of society.



 Aims to introduce basic issue and themes and various perspective concerning social problems.

Prerequisites:	
Vone	•

Outcomes:

After completion of the course, students would be able to:

- a. understand and appreciate the social institutions and organizations.
- b. apply sociological concepts and will be able to relate with society.
- c. examine social problems and evaluate its various dimensions.

Detailed Syllabus: (per session plan)

Mod ule	Description	Duration
1	Introduction	5 hours
	 a) Emergence of Sociology b) Institutionalizing Sociology in 20th Century c) Nature, scope and subject matter of sociology d) Relation with other social sciences including Law e) Applied Sociology 	
2	Fundamental concepts in sociology a) Society, Community & Association b) Social groups c) Culture & culture change d) Status & role e) Values & norms f) Social institutions & Social processes	12 hours
3	a) Concept of Socialization b) Agencies & theories of socialization c) Types of socialization	7 hours



	racuity of Law	
	d) Concept of social controle) Formal & informal agencies of social control	
4	Social Stratification	6 hours
	 a) Meaning ,nature of social stratification b) Theories and types of stratification c) Functions and dysfunctions of social stratification d) Social stratification in contemporary world-class, gender, caste, deprived sections of society. 	
5	Sociological Theories	12 hours
	 a) August Comte-Social statics & Dynamics, Law of three stages b) Karl Marx-class and class struggle c) Emile Durkheim-Social facts and social solidarity d) Max Weber –Class , Status ,Power e) Talcott Parsons-Pattern Variables 	
6	Research Methods	8 hours
	 a) Meaning scope & significance of research in sociology b) Types & design of social research c) Methods of social research d) Steps involved in social research 	
7	Social Problems	10 hours
	 a) Meaning and causes b) Structural problems: Caste, Gender, inclusion and exclusions c) Development –Slums, poverty, corruption, child labour, 	
	displacement d) Communalism: Race, religion, ethnicity, Region, culture, language, migrants, refugees	
	Total	60 hours

Text Books:

1. Rao, C.N. Shankar. 2008. Sociology: Principles of Sociology with an Introduction to Social Thoughts. New Delhi: S Chand & Co Ltd

Reference Books:

- 1. Ahuja, Ram. 1992. Social problems in India. Jaipur: Rawat publication
- 2. Gangrade, K.D. 2011 (reprint). *Social Legislation in India*. New Delhi: Concept Publishing Company Private Ltd.
- 3. Haralambos, M., Robin Heald & Martin Holborn. 2008 (7th eds). *Sociology: Themes & Perspectives*. London: Harper Collins Publishers
- 4. Singh, Yogender. 1986. *Modernization of Indian Tradition*. New Delhi: Rawat Publication

Marwadi University	Faculty of Law B.A,LL.B. (Hons) Semester I				
Subject	Legal Methods Credit Teaching Scheme				me
Name			Theory	Practical	Tutorial
Subject	10BA0105	4	3	0	2
Code					

Course Objectives

The course is designed to achieve Following Objectives:

- 1. To provide an understanding of the meaning, importance and role of law in society.
- 2. To provide the understanding of nature & development of law and legal systems.
- 3. To know the structure of the legal institutions and the hierarchy of courts in India.
- 4. To know the various sources of law and be able to synthesise such sources and use them to formulate arguments in their research; be familiar with legal research sources and tools and basic techniques of legal and logical reasoning.

Prerequisites:	
None	



Course Outcomes

After the completion of the course the student will be able to:-

- Understand the concept, sources and the functions of law and various legal systems of the world.
- Understand the hierarchy of the Indian courts and their jurisdictions.
- Understand judicial reasoning and its application in the Courts.
- Acquire the ability to identify legal issues and principles underlying in any given factual situation and to undertake and present research on such issues.
- Equip with the basics of legal research methodology and legal writing.

Catalog Description

This course seeks to enable first year students to understand what is law, development of law, the nature and sources of law and to distinguish between various kinds of law. It will provide in-depth knowledge to the students about the Indian legal system and the functioning and hierarchy of courts.

This course will give an overview of the law-making roles of the legislative, executive and judicial branches of government; an introduction to case laws, including judicial reasoning and the doctrine of precedent; an introduction to statute laws, including the legislative processes and techniques of statutory interpretation and application; the interaction between case law and legislation. This course will give a basic awareness to the students about legal language, research methodology and legal writing.

Course Content

Module I: Law- Meaning, Nature and Functions	 Concept and Definition of law and legal system – Law, A Law, The Law Functions of law Classification of laws: Civil Legal System, Common Legal System, Religious Legal System Public and Private Law Substantive and Procedural Law Municipal and International Law 	14 hours
Module II: Sources of Law	CustomPrecedentLegislation	9 hours



	racarry or East		
Module III:	Common Law	16 hours	
Basic Concepts of	 Indian Constitution: Salient Features 		
Indian Legal System	Rule of Law		
	 Separation of Powers 		
	Judicial system in India		
	i. Hierarchy of Courts		
	ii. Jurisdiction of the Courts		
Module IV:	• Meaning & Importance of Legal	21 hours	
Legal Writing and	Research(Research Problem)		
Research	• Legal Materials: Primary & Secondary,		
	Statutes, Reports, Journals, Manuals, Bill,		
	Act		
	 Case Analysis and Preparation of Briefs 		
	 Kinds of Legal Research 		
	i. Doctrinal Research		
	ii. Non-Doctrinal Research		
	 Techniques of Legal Research 		
	i. Sampling Design Technique		
	ii. Measurement & Scaling		
	Technique		
	iii. Observation Method		
	iv. Interview Method		
	Report Writing, Formulation of Problems		
	 Citations and Bibliography 		

Text Books

- A.T.H. Smith Glanville Williams: Learning The Law, 14th Edition,Sweet & Maxwell
- B.N.M. Tripathi An Introduction to Jurisprudence and Legal theory
- C.R. Kothari- Research Methodology-Methods and Techniques (Second Revised Edition)
- C.K. Takwani Administrative Law
- V D Mahajan Jurisprudence & Legal Theory, 5th Edition, Eastern Book Company

Reference Books

- Nomita Aggarwal Jurisprudence (Legal Theory)
- Dr. T.Padma- Legal Research Methodology
- Legal Research and Writing Method- Anwuarul Yaqin
- ILI Publication in Legal Research and Methodology



- J.Williams, *A Statement on Plagiarism: What It is and How to Recognize and Avoid It.* http://wso.williams.edu/~athoms/WW/3--Plagiarism Handout.pdf
- Upendra Baxi, "The Rule of Law in India", 4 *International Journal of Human Rights* 6-25 (2007) [available at *www.surjournal.org*]
- M.N. Venkatachaliah, "Rule of Law: Contemporary Challenges", 45 Indian Journal of Public Administration 321 (1999) 77
- H.M. Seervai, "Rule of Law" in *The Position of the Indian Judiciary under the Constitution of India* 83-96 (1970) 86

Marwadi University	Faculty of Law B.A.,LL.B. (Hons) Semester I				
Subject	Law of Contract – I (General	Credit	Te	aching Sche	me
Name	Principles)		Theory	Practical	Tutorial
Subject Code	10BA0106	4	3	0	2

Course Objectives

The course is designed to achieve Following Objectives:

- To provide the conceptual understanding of the basic principles of Law of Contract
- 2. To develop analytical skills with respect to various issues related to law of Contract
- 3. To understand the judicial interpretation of the statute as the case analysis method of teaching will be mostly adopted.

Prerequisites:	
None	

Course Outcomes

On completion of this course, the students will be able to



- 1. Develop a conceptual understanding of the basics of law of contract.
- 2. Understand the legal aspects of a valid contract and at the same time judge a void and voidable contract.
- 3. Learn the remedies available in cases of breach of contract.
- 4. Have conceptual understanding of E-contracts, and government Contracts
- 5. Develop strong analytical skills

Catalog Description

Law of Contract is one of the foundational subjects in legal studies. It constitutes the basis on which the whole gamet of commercial laws has been established. Accordingly, present syllabus has been drafted with the object to give students conceptual, jurisprudential and foundational understanding about the general principles governing contractual obligations. Present syllabus deals with the various issues regarding contract from formation of the contract, performance of the contract to its enforcement and remedies on breach including remedies under Specific Relief Act, 1963.

The subject shall be taught in two parts. The first semester shall deal with Law of Contract I in which an overview of Sections 1 to 75 of the Contract Act, covering the general nature of contract and some portions of specific relief Act 1963 shall be dealt. Contract II shall be covered in second semester, in which various specific contracts shall be covered.

Course Content

Module 1. Introduction	The historical development of contract law:	3 hours
	• English origin (debt,	
	detinue, account, covenant, action on case, assumpsit, indebitus assumpsit)	
	Indian originPurpose of Contract	



	Facuit	y of Law	
Module: 2. Elements of contract	 Agreement and Contract Types of Contract Essentials of a Valid Contract Offer, Types of Offer, Communication and Termination, Distinction between offer and invitation to treat Acceptance, Communication and Termination 	Case Laws: Bharat Petroleum Corp. Ltd. V. Great Eastern Shipping Co. Ltd. (2008) 1SSC 503 GEA Energy System (India) Ltd. V. Litostroi El (2005) (Mad DB); (2005) 2 CTC 761 Mukand Ltd. V. Hindustan Petroleum Corp. (2005) # CLT 45 (Bom DB) C.K Asati v Union of India AIR 2005 MP 96 Sultan Sadik v Sanjay Raj Subha (2004) 2 SCC 547 Merritt v. Merritt 1970 2 All ER 760 (CA) Entores Ltd. V Miles Far East Corp. (1955) 2 All ER 493 Upton Rural District Council v Powell (1942) I All ER 220 Balfour v. Balfour, (1919) 2 K.B. 571 Lalman Shukla v. Gauri Dutta (1913) 11 All LJ 489 Powell v Lee (1908) 24 TLR 606 Felt House v. Bindley (1862) 11, CB (NS) 86 Carlill v. Carbolic Smoke Ball Company, (1893) 1 QB 256	8 hours
Module: 3. Consideratio n	 Doctrine of consideration Essential of valid Consideration The rule 'no consideration no contract"- its exception', inadequacy of consideration, nudum pactum Privity of contract and of consideration Unlawful consideration and its effects 	 Case Laws: Durga Prasad v. Baldeo (1880) 3 All 221 Kedar Nath v. Gorie Mohamed 1886 ILR 14 Cal 64 Doraswami Iyer v. Arunachala Ayyar, AIR 1936 Mad. 135 Union of India v. Indo Afghan Agencies (1968) 2 SCR 366 Pournami Oil Mills v. State of Kerala 1986 SCC 728 Dutton v. Poole, 83 ER 523 (1677) Tweddle v. Atkinson 123 ER 762 	5 hours



		 Dunlop Pneumatic Tyre Co. V. Selfridge & Co. 1915 AC 847 Chinnaya v. Ramayya (1882) 4 Mad. 137 Khwaja Muhammad Khan v. Hussaini Begaum, (1910) 37 IA 152 Pinnel's case, (1602) 5 Co Rep 117a Metal Manufacturing Co Ltd v. Tungsten Electric Co. Ltd, (1955) 2 All ER 657 	
Module: 4. Capacity to Contract	 Natural Person Agreements by minor Unsoundness of mind Legal Person Company State Disqualification under Law 	 Case Laws: Kumari Shahnoor Md Tahseen v. State of U.P. AIR 2007 All 437 Mohori Bibi v. Dhurmodas Ghosh (1903) 30 IA 114 Raj Rani v. Prem Adib AIR 1949 Bom 215 Burnard v. Haggis (1863) 4 CBNS 45 Leslie v. Shiell (1914) 3 KB 607 Amiriraju v. Sheshmme (1917) 41 Madrass 33. 	4 hours
Module: 5. Free Consent	 Free consent- Its need and definition- Factors vitiating free consent: Coercion, Undue Influence, Misrepresentation, Fraud, Mistake, etc 		4 hours
Module: 6. Voidable Contracts	 Coercion Definition- essential elements Illustrations of coercion Doctrine of economic duress Effect of coercion Undue Influence Definition- essential elements- between which 	Case Laws: • Great Peace Shipping Ltd v. Tsavliris Salvage (International) Ltd, 2003 QB 679 • Chikham Amiraju v. Chikham Seshamma, (1917) 41 Mad 33	6 hours



	parties can it exist? Who is to prove it? Illustrations of undue influence- independent advice Pardanashin women Effect of undue influence Misrepresentation	 Subhas Chandra Das v. Ganga Prasad Das, AIR 1967 SC 878 Derry v. Peek (1886) 14 App Cas. 337 Car & Universal Finance Co Ltd v. Caldwell, (1964) 1 All ER 290 	
	 Definition - misrepresentation of law and of fact Their effects and illustration Fraud Definition - essential elements - suggestion falsi-suppresio veri - when does silence amounts to fraud? Active concealment of truth Importance of intention 	New India Rubber Works (P) Ltd v. Oriental Fire and General Insurance Co. Ltd. (1969) 1 Comp LJ 153 (Cal)	
Module: 7. Void Agreement (Void-ab- initio)	 Mistake Definition - kinds-fundamental error - mistake of law and of fact - their effects When does a mistake vitiate free consent and when does it not vitiate free consent? Legality of objects Void agreements - lawful and unlawful considerations and objects Void, voidable, illegal and unlawful agreements and their effects Unlawful considerations and objects: Forbidden by law Defeating the provision of any law Fraudulent Injurious to person or property Immoral Against public policy Void Agreements Agreement without consideration 	Case Laws: Central Inland Water Transport Corporation v. B.K Ganguly AIR 1986 SC 1571 Kalyanpur Lime Works Ltd. v. State of Bihar and another AIR 1954 SC 165 Tarsem Singh v. Sukhminder Singh AIR 1998 SC 1400 Dularia Devi v. Janardan Singh and others AIR 1990 SC 1173 Kedarnath Motani and Others v. Prahlad Rai and Others v. Prahlad Rai and Others AIR 1960 SC 213 Manicka Gounder v. Muniammal AIR 1968 Mad 392 Ratanchand Hirachand v. Askar Nawaz Jung (dead) By LRs and Others (1991) 3 SCC 67 BOI Finance Ltd. v. Custodian and Others AIR 1997 SC 1952 Madhub Chander v. Raj comer Dass (1874) 14 BLR 76	8 hours



		y OI Law	T
	 Agreement in restraint of marriage Agreements in restraint of trade- its exceptions- sale of goodwill, Section 11 restrictions under the partnership Act, trade combinations, exclusive dealing agreements, restraints on employees under agreements of service Agreements in restraint of legal proceedings- its exceptions Uncertain agreements Wagering agreement- its exception 	 Gujarat Bottling Co. Ltd. v. Coca Cola Co. (1995) 5 SCC 545 National Insurance Co Ltd v. S. G Nayak & co AIR 1997 SC 2049 Frost v. Knight (1872) LR 7 Exch 111 Ramzan v. Hussaini (1990) 1 SCC 104 Rao Rani v. Gulab Rani (1942) ILR All 810 Hakam Singh v. Gammom (India) Ltd. AIR 1971 SC 740 Gherulal Parekh v. Mahadeo Das Maiya AIR 1959 SC 781 	
Module: 8. Contingent, Quasi & Govt. Contract	 Contingent condition, Promissory conditions Features, when contingent contracts become void Quasi Contract Meaning & nature, Theory of Unjust Enrichment Theory of "implied-in-fact" Contract Claim for necessaries supplied to incapable person (section 68) Reimbursement of person paying money due by another (section 69) Obligation of person enjoying benefit of non gratuitous act (section 70) Responsibility of finder of goods (section 71) Liability of person to whom money is paid, or thing is delivered by mistake or under coercion (section 72) 	Case Laws: Satyabrata Ghose v. Mugneeram Bangur AIR 1954 SC 44 State of Bihar v. Majeed AIR 1954 SC 786. Ram Lal v. State of Punjab, AIR 1966 Pun 436. Bhikaraj Jaipuria v. Union of India AIR 1962 SC 113. Chandulal Harjivandas v. Commissioner of Inc. Tax. Gujarat AIR 1967 SC 816 The Commissioner of Wealth Tax Mysore v. Vijayaba Dowger Maharani Saheb Bhavnagar & others AIR 1979 SC 982 Bashir Ahmad and others v. Govt. of AP AIR 1970 SC 1089 Mugniram Bangur & Co.(P) Ltd. v. Gurbachan Singh AIR 1965 SC 1523 State of West Bengal v. B.K. Mondal & Sons, AIR 1962 SC 779 K.P.Chowdhary v. State of Madhya Pradesh AIR 1967 SC 203	6 hours



	Facult	y of Law	
Module: 9. Discharge of a contract and its various modes	 By performance Rules of performance including joint promisor, joint promisee, time and place of performance, Condition precedent and condition subsequent Quantum Merit By breach Anticipatory breach Present breach Constructive Breach Impossibility of performance Specific grounds of frustration- application to leases theories of frustration- frustration and restitution By period of limitation By agreement- novation, rescission and alteration-their effect- remission and waiver of performance extension of time- accord and satisfaction. Force majeure 	Case Laws: Paradine v. Jane (1647) Aleyn 26. Taylor v. cadwell (1863) 3 B&S 826. Krell v.Henry (1903) 2 KB 740. Herne Bay Steam Boat Co v. Hutton (1903) 2 K B 683. Hochster v. De La Tour (1853) 2 E &B 678. Frost v. Knight (1872) L.R.7 Ex 111. Hadley v. Baxendale (1854)9 Exch 341. Victoria Laundry (Windsor) Ltd v. Newman Industries Ltd (1949) 1 All ER 997. Simpson v. London &North Western Railway Co (1876) 1 Q.B.D 27	4 hours
Module: 10. Breach of contract & Remedies for Breach	 Meaning, kinds of breach, remedies for breach; Remedies generally, Sections 73, 74, 75 Damages; measure of damages, remoteness of damages. 	 Case Laws: State of Karnataka v. Shree Rameshwar Rice Mills AIR 1987 SC 1359 Timblo Irmaos Ltd. v. JAM Sequera AIR 1976 SC 734 State of Gujarat v. M.K. Patel & Co. AIR 1985 Guj 179 Hadley v. Baxendale 23 LJ Ex 179. Oil and Natural Gas Corp. Ltd. SAW Pipes Ltd. AIR 2003 SC 2629 Johnson v. Gore Wood & co. (2002) 2 AC 1 Jackson v. Royal Bank of Scotland (2005) 2 All ER 71 (HL) 	4 hours



	1 0.00.1	1	
Module: 11. Specific Relief Act, 1963	 Specific performance of contract Contract that can be specifically enforced Persons against whom specific enforcement can be ordered Recession and cancellation Injunction Temporary Perpetual Declaratory orders Rectification of Contract 	 Case Laws: S.B Dutt v. University of Delhi AIR 1958 SC 1050 Pearlite Liners (P) Ltd. v. Manorma Sirsi AIR 2004 SC 1373 Shanti Prasad Devi v. Shankar Mehto AIR 2005 SC 2905 Percept D Mark (India) (P) Ltd. v. Zaheer Khan (2006) 4 SCC 227. Jai Narain Parasrampuria v. Pushpa Devi Saraf, (2006) 7 SCC 756 	8 hours

Text Books

- 1. Pollock and Mulla, Indian Contract and Specific Relief Act, 13th Edition, Lexis Nexis Butterworths Wadhwa, Nagpur, 2009
- 2. Avatar Singh, "Law of Contract and Specific Relief", Eastern Book Company, 10th Edition, Lucknow, 2011

Reference Books

- 1. Joseph Chitty, Chitty on Contracts, Sweet and Maxwell Limited, 2011
- 2. Jill Poole, *Case Book on Contract Law*, 10th Edition, Oxford University Press, Oxford New York, 2010
- 3. *Cunningham and Shephard's Contract Act*, 11th Edition, Law Publisher (India) Pvt. Ltd, Allahabad, 2007-08
- 4. P.C Markanda, The Law of Contract, 2nd Edition, Wadhwa Nagpur, 2008
- 5. Robert A. Feldman, Raymond. T. Nimmer, *Drafting Effective Contracts A Practitioner's Guide*, 2nd Edition, Wolter Kluwer Law and Business Aspen Publishers, New Delhi, 2010
- 6. J. Beatson, *Ansons Law of Contract*, 29th edition, Oxford University Press, Oxford New York, 2010
- 7. B S Ramaswamy, "Contracts and their Management", Lexis Nexis Butterworth, 3rd Edition, New Delhi 2008
- 8. H.K Saharay, "Dutt on Contract", Eastern Law House, 10th Edition, Kolkata, 2006



<u>B.Com.,LL.B. Hons</u> Subject Code/Teaching/Examination Scheme

				<u>S</u>	emes	ter I					
		Tea	aching Sch	neme				Evalı	uation Sc	heme	
Subjec t Code	Subject Name	The ory	Practi cal	Tutor ial	Credi ts	IA (Inter nal Asses smen t)	CSE (Conti nuous Sheme of Evalua tion)	Viva	TW (Ter m Wor k)	ESE (En d Sem este r Exa m)	Total Mar ks
10SL0 101	English – I (Linguistic s and literature)	3	0	2	4	30	20	25	25	0	100
10CR0 101	Critical Thinking & Argument ative skills	1	0	1	2	0	0	50	50	0	100
10BC0 101	Principles of Business Administr ation	3	0	2	4	30	20	0	0	50	100
10BC0 102	Business Environm ent	3	0	2	4	30	20	0	0	50	100
10BC0 103	Principles of Accountin	3	0	2	4	30	20	0	0	50	100
10BC0 105	Legal Methods	3	0	2	4	30	20	0	0	50	100
10BC0 106	Law of Contract – I (General Principles)	3	0	2	4	30	20	0	0	50	100
	Total	19	0	13	26	180	120	75	75	250	700



Faculty of Law B.Com. LL.B Hons

Semester I

Subject Code: 10SL0101 - Subject Credits: 04
Subject Name: Introduction to Language Skills

Course Description

This skill-based course offers an orientation towards basic language skills (LSRW). It aims at helping learners acquire language skills in English for fostering their learning in the specified domain i.e., law. It aims to engage students through various activities to learn techniques of and approaches to language skills.

Course Objectives

- 4. To familiarize students with language skills to understand their domain
- 5. To help students enhance their competency in English language with a focus on LSRW
- 6. To introduce students to English in legal context to help them achieve their program requirements

Course Outcome (CO):

The students will get the necessary training in language skills and they will be able to:

- 5. Develop and enhance their listening skills for various purposes
- 6. Understand and use written and spoken language in context
- 7. Comprehend, compare and differentiate between various written texts/documents
- 8. Evolve appropriate writing competence

Unit 1: Listening in Context

(12 hours)

- Listening with a purpose
 - o Listening for detail
 - What do you mean by detail?
 - Having an eye for detail/ identifying detail in context
 - Tasks
 - o Listening for the main idea
 - Defining the main idea
 - Techniques to identify the main idea
 - Tasks
 - Listening for specific vocabulary
 - Understanding vocabulary (various forms/types)
 - Vocabulary in context (formal & informal etc)
 - Tasks
 - Listening for attitudes and opinions



- Defining, identifying and differentiating attitudes and opinions
- Attitudes and opinions in context
- Tasks

Unit 2: Speaking in Context

(12 hours)

- Speaking in context
 - o Effective Pronunciation & Body Language
 - Basics of pronunciation
 - Understanding body language
 - Tasks
 - Conversation in formal and informal contexts
 - Language in informal context
 - Language in formal context
 - Tasks
 - o Persuasive speaking
 - Law and the art of persuasion
 - Techniques
 - Tasks
 - Using Argumentation
 - Law and the art of argumentation
 - Techniques
 - Tasks

Unit 3: Reading Skills

(12 hours)

- Skimming, Scanning, Intensive and Extensive Reading
 - o Tasks
- Reading Comprehension and Interpretation
 - Understanding comprehension and interpretation
 - o Techniques of comprehension and interpretation
 - o Tasks
- Comparing, and Classifying information
 - o Techniques of comparison and classification
 - o Tasks
- Evaluating and Synthesizing Information
 - o Techniques of evaluation and synthesizing
 - Tasks

Unit 4: Writing Skills

(12 hours)

• Grammar in context



- Understanding grammar in context
- o Practice
- Vocabulary in Context
 - Synonyms and antonyms
 - Acronyms and abbreviations
 - o Idioms and Phrases
- Sentence Structure and Paragraph Development
 - o Types of sentences and sentence structure
 - Paragraph development strategies
 - o Practice
- Note Taking and Note Making
 - Note taking vs. Note making
 - Methods of preparing Notes
 - Tasks

Teaching Scheme

Teaching Scheme (Hours per week)		Total Marks				
Practical	ESE	IA	CSE	Viva	Term Work	Total Walks
2 Hours	00	30	20	25	25	100

- 5. IA will consist of the following components (30 marks):
 - a. **Assignments (20 Marks)**: Students will prepare three oral assignments.
 - **b.** In-Class Participation (10 Marks)
- 6. CSE (20 marks):
 - a. (Term End Simulation): Students will carry out simulated tasks at the end of the semester. It would comprise of individual and group tasks.
- 7. **Viva** (25 Marks): Viva will be conducted at the end of the semester. It will be based on the CSE, Term Work, Assignments and topics covered in the syllabus.
- 8. Term Work (25 Marks):

(**Term-End Presentation**): Students will make a presentation based on topics provided by the faculty, at the end of the semester.

Recommended Readings

27. Siddons Suzy. *The Complete Presentation Skills Handbook*. Kogan Page, 2008.



- 28. Sprague Jo, and Douglas Stuart. *The Speaker's Handbook*. 8th ed., Thomson Wadsworth, 2008.
- 29. Kumar, Sanjay, & Puspalata. Communication Skills. OUP. 2011.
- 30. A. S. Hornby, *Guide to Patterns and Usage in English* (2nd Ed. Oxford University Press)
- 31. Amy Krois Linder and TransLegal. *International Legal English: A course for classroom and self-study use.* ((2nd edn Cambridge University Press. 2014)
- 32. M. A. Yadugiri and Geeta Bhasker. *English for Law*. (Foundation Books, Cambridge House. 2005)
- 33. S.R. Myneni, English for Pre-Law: Vol. I & II. (2nd edn Allahabad Law Agency. 2011)
- 34. Michael McCarthy & Felicity O'Dell, English Idioms in use. ISBN: 9780521731768,
- 35. Michael McCarthy & Felicity O'Dell, *English Phrasal verbs in use*, ISBN: 9780521736381
- 36. Michael McCarthy & Felicity O'Dell, English Vocabulary in Use, ISBN: 9780521684569
- 37. Raymond Murphy, Intermediate English Grammar, ISBN NO 978-81-7596-676-5
- 38. Raymond Murphy & Louise Hashemi, *English Grammar in Use* (Supplementary Exercises 3rd edn Cambridge University Press Ltd.)
- 39. Raymond Murphy, Essential English Grammar, ISBN: 9788175960299
- 40. Dr. Anirudh Prasad. *Outlines of Legal Language in India* (Central Law Publications, 2014).
- 41. Bryan A. Garner, *Legal Writing in Plain English: A Text with Exercises* (University of Chicago Press, London 2001).
- 42. Bryan A. Garner, Garner on Language and Law (American Bar Association 2009)
- 43. Bryan Garner. The Winning Brief: 100 Tips for Persuasive Briefing in Trial and Appellate Courts. OUP 2014
- 44. Bryan Garner. The Redbook Manual of Legal Style. (3rd Ed.) WEST.
- 45. Michael J. Wallace, *Study Skills in English*, Cambridge University Press, Cambridge, 1980.
- 46. Ashok R. Kelkar, *Communication and Style in Legal Language*, Indian Bar Review a. Vol. 10 (3): 1993.
- 47. Garner Bryan, A Dictionary of Modern Legal Usage, New York: OUP, 1987.
- 48. Eastwood John, Oxford Practice Grammar, Oxford Uni. Publication.
- 49. Anirudh Prasad, *Outlines of Legal Language in India*, Central Law Publications, Allahabad.
- 50. J.S. Singh, Legal Language, Writing and General English.
- 51. Glendinning, Eric H., and Beverly Holmström. *Study Reading: A Course in Reading Skills for Academic Purposes*. Cambridge University Press, 2012.
- 52. Hamp-Lyons, Liz, and Ben Heasley. *Study Writing: A Course in Writing Skills for Academic Purposes*. Cambridge University Press, 2013.



Marwadi University	Faculty of Law B.Com.,LL.B. (Hons) Semester I					
Subject Name	Critical Thinking and Argumentative Skills	Credit	Theory	Teaching Scheme Theory Practical Tutorial		
Subject Code	10CR0101	2	1	0	2	

Course Objectives

The course is designed to achieve Following Objectives:

- To underscore the realization and importance of Critical thinking in academics;
- To conduct various Practical exercises to inculcate skills and faculties so that they think logically and analytically.
- To develop the Skills in students so that they can examine research and analyze evidence in order to organize, deliver and critique effective arguments and rebuttals.

Prerequisites:		
None		

• Course Outcomes

On completion of this course, the students will be able to

- Identify the differences between fact and opinion.
- Identify, compose and refute propositions of fact, value and policy.
- Understand the methods of analyzing evidences in order to organize, deliver and critique effective arguments and rebuttals.
- Analyze and utilize formal and informal logic to construct arguments which advocate or defend position(s).
- Utilize ethical communication when developing arguments while simultaneously taking into consideration diverse audiences.
- Design and present impromptu, extemporaneous and prepared arguments.

Catalog Description

The purpose of this course is to develop thinking skills. We live in a society that mass-produces information. Not all of it is true or well grounded in fact. The key challenge in an information age is to know how to judge the quality of the information, opinions,



and arguments that we are exposed to on a daily basis. This includes the ideas, arguments and assertions that we see, hear or read in the news, in coursework, on the job and in all human relations. Critical thinking is a fundamental leadership competency. Leaders are often presented with information from a variety of sources and about areas where they have no expertise. They must know how to make good judgments about people, information, and arguments. Leaders also have to know how to present persuasive arguments. Some people become leaders because of their personality, desire, or "people skills." Others become leaders because of their ideas and ability to create a vision, plan for the future, and anticipate and solve problems. Critical thinking is the foundational skill for of the Jepson School curriculum. It is not an end in itself, but a first step towards creative thinking and problem solving. The ability to think critically and solve problems is not only important for leadership, but for a lifelong learning.

Course Content

Module 1:- Introduction	vi. vii. viii. ix. x.	What is Critical Thinking? Intellectual Standards to Critical thinking. Benefits of Critical thinking. Barrier to Critical thinking. Characteristic of Critical thinkers.	5 hours
Module 2:- Evaluating Arguments	iv. v. vi.	Argument and Non-arguments Refuting Arguments Premises and Conclusions.	3 hours
Module 3:- Basic Logical Concepts	iii. iv.	Inductive and Deductive Arguments Legal Reasoning – Inductive and Deductive.	2 hours
Module 4:- Logical Fallacies	iv. v. vi.	Fallacious Arguments. Fallacies of Relevance. Fallacies of Insufficient evidence.	3 hours
Module 5:- Inductive Reasoning	iv. v. vi.	Inductive Generalizations. Induction and Analogy. Induction and Causal Arguments.	3 hours



iii.	Deductive validity.	2 hours
iv.	Assumptions and other	
	relevant arguments.	
iv.	Judging the credibility of	5 hours
	source.	
v.	Sources of Information.	
vi.	Testimony as a source of	
	Information.	
iv.	Common flaws in our thinking	3 hours
	about decisions.	
v.	A model for good decision	
	making.	
vi.	<u>*</u>	
	making the right decisions.	
iii.	Western and Indian traditions	4 hours
	of epistemology.	
iv.	The Indian System of Nyaya.	
	iv. v. vi. iv. v. vi.	 iv. Assumptions and other relevant arguments. iv. Judging the credibility of source. v. Sources of Information. vi. Testimony as a source of Information. iv. Common flaws in our thinking about decisions. v. A model for good decision making. vi. Decision procedures and making the right decisions. iii. Western and Indian traditions of epistemology.

Text Books

- 5. Alec Fisher, *Critical Thinking An Introduction*, Cambridge University Press, 2001.
- 6. Madhucchanda Sen, An Introduction to Critical Thinking, Pearson India, 2010.
- 7. Gregory Bassham, *Critical Thinking A Student's Introduction*, Mc Graw Hill, 2010.
- 8. Howard Kahane & Nancy Cavender, *Logic and Contemporary Rhetoric*, 10th edition, (Wadsworth Publishing, 2006).

Reference Books

- 5. 1. John Stuart Mill, *A system of logic, Ratiocinative and Inductive*, University of Toronto Press, 1853. Available at: http://oll.libertyfund.org/?option=com staticxt&staticfile=show.php%3Ftitle=246
- 6. Nick Morgan, Give Your Speech, Change the World: How to Move Your Audience to Action, Harvard Business School Press, 2003.
- 7. Andrea Gardner, *Change your words, change your world*, Hay House Publishers, 2012.
- 8. Karyn C. Rybacki & Donald J. Rybacki, *Advocacy and Oppostion: An Introduction to Argumentation*, Pearson, 2012.



Marwadi University	Faculty of Law B.Com.,LL.B. (Hons) Semester I					
Subject Name	Principles of Business Administration	Credit	Theory	aching Sche Practical	me Tutorial	
Subject Code	10BC0101	4	3	0	2	

Course Objectives

The course is designed to achieve Following Objectives:

- To understand the basic principles of management
- To examine the importance of developing clearly identified goals and objectives
- To provide an understanding of the managerial functions essential in today's business environment

Prerequisites: None

Course Outcomes

After studying this course, student should be able to:

- Demonstrate their knowledge of business and management principles.
- Get acquainted with management process and functions.
- Comprehend the modern management techniques and its relevance in business.

Course Contents

Module I	Introduction to Management	12 hours
	Meaning, Nature and Characteristics of Management – Scope of Management	
	- Functional areas - Management as a Science and an Art - Management &	
	Administration – Levels of management & Managerial Skills - Evolution of	
	Management Thoughts - Principles of management - Ethics in Management.	



Module	Planning in Management	12 hours
II	Need and importance of planning - basic purpose of planning - Planning	
	process, Types of plans - Objectives - Management By Objectives	
	Decision-making	
	Decision making - Nature and importance- types of decisions - process	
Module	Organizing	12 hours
III	Need for organization - purpose of organization, fundamental principles of	
	organization - Types of organization - Departmentalization, Committees -	
	Centralization Vs decentralization of authority and responsibility	
	Staffing	
	Staffing – Introduction - Need for Staffing - Importance of staffing -Process of	
	staffing	
Module	Directing	12 hours
IV	Directing – Meaning, nature and importance – Theories of Motivation –	
	Maslow's, Herzberg's & McGregor's Leadership – Introduction - Formal and	
	Informal Leadership - Characteristics - Styles of Leadership - Importance of	
	Communication as a leader	
	Coordinating	
	Coordination – Introduction - Importance of coordination - Principles of	
37.11	coordination	
Module	Controlling	12 hours
V	Meaning and steps in controlling – Pre-requisites of a strong control system -	
	Methods of establishing control	
	Modern Management Techniques	
	Introduction to various latest management techniques: Business process re-	
	engineering, business outsourcing, benchmarking, kaizen, six sigma, knowledge management, just in time management, total quality management.	

Text	Text Books:								
Sr. No	Author/s	Name of the Book	Publisher	Edition & Year of Publication					
T-01	L. M. Prasad	Principles of Management	Sultan Chand and Sons	Ninth Edition - 2015					

Reference Books:						
Sr. No	Author/s	Name of the Book	Publisher	Edition and Year of Publication		
R-01	V.S.P. Rao	Management: Text and Cases	Excel Books India	Second edition		
R-02	Koontz & O'Donnell	Principles of Management	McGraw Hill	Forth edition		



Marwadi University	Faculty of Law B.Com.,LL.B. (Hons) Semester I					
Subject	Business Environment	Credit	Teaching Scheme			
Name			Theory	Practical	Tutorial	
Subject Code	10BC0102	4	3	0	2	

Course Objectives

The course is designed to achieve Following Objectives:

- To impart basic understanding of the various environmental components influencing the business.
- To appreciate opportunities, risks and challenges and their relevance associated with managerial decisions

Prerequisites: None

Course Outcomes

After studying this course, student should be able to:

- Understand the meaning and relationship of environment and business
- Know the characteristics of modern business
- Explain the competitive structure of an industry

Course Content

INTRODUCTION TO BUSINESS ENVIRONMENT	
Introduction to Business environment - salient features – importance - types of business environment-SWOT Analysis-	12 hours



	Firm Specific-environment scanning: features - process & techniques, Business Environment with reference to global integration	
Module 2	ECONOMIC ENVIRONMENT & POLITICAL ENVIRONMENT Political structure: Legislature institutions – executive institutions – judiciary institutions - Economic systems: capitalism, socialism; mixed economy, LPG - Liberalization, Privatization & Globalization and its impacts – Highlights of New industrial policy & its implication in India – Fundamentals of fiscal policy.	12 hours
Module 3	LEGAL FRAMEWORK ISO standards- Bureau Of Indian Standards-Important features of Intellectual property rights – Trademarks – The Competition Act 2002: Basics of Foreign Exchange Management Act 1999 (FEMA): Features – objectives - application of the Act - FEMA Vs FERA.	12 hours
Module 4	TECHNOLOGICAL ENVIRONMENT Innovations, technological leadership and followership- Technology and competitive advantage - sources of technological dynamics - management of technology - transfer of technology - its forms, methods and features - time lags in technology - status of technology in India and its impact on Business -Overview of Technological Policies in India	12 hours
Module 5	SOCIAL ENVIRONMENT Business and Society, Changing Concepts and objectives of Business, Interdependence of business and society, technological development and social change, Consumers' rights & consumerism, Consumer protection Act; corporate governance.	12 hours

Text Books:

Sr. No	Author/s	Name of the Book		Publisher	Edition Year of Public	f
1	Francis	Environment F	or	Himalaya	2 nd	edition
	Cherunilam	Business		Publishing House	2011	



Reference Books:

Sr. No	Author/s	Name of the Book	Publisher	Edition & Year of Publication
1	Mishra, S.K. and Puri V.K	Economic Environment of	Himalaya Publishing House	1 st - 2011
	and Full V.K	Business	r ublishing riouse	
2	Paul Justin	Business Environment- Text and Cases	TATA McGraw Hill Publishing	3 rd - 2010
3	Vivek Mittall	Business Environment	Excel Books	2 nd - 2010
4	Raj Agarwal	Business Environment	Excel Books	5 th - 2002
5	Francis Cherunilam	Business Environment, Text & Cases	Himalaya Publishing House	25 th - 2016
6	Aswathappa K	Essentials of Business Environment	Himalaya Publishing House	13 th - 2016
7	Morrison J	The International Business Environment	Palgrave	2 nd - 2006
8	Richard G. Lipsey	An Introduction to Positive Economics	ELBS, Oxford	7 th - 1989

List of Journals /Periodicals/ Magazines/ Newspapers etc.

- 1. International Journal of Business Environment
- 2. International Journal of Entrepreneurship & Business Environment Perspectives
- 3. Journal of World Business
- 4. Economic & Political Weekly
- 5. Intellectual Property Rights
- 6. Corporate Governance
- 7. Business India / Business World
- 8. Banking & Finance
- 9. Industrial Economist
- 10. Fortune, Global Business Review,
- 11. Economic Survey-GOI
- 12. World Development Report
- 13. India Development Report (Latest Edition)
- 14. RBI Annual Report, etc



Marwadi University	Faculty of Law B.Com.,LL.B. (Hons) Semester I				
Subject Name	Principles of Accounting	Credit	Theory	aching Sche Practical	me Tutorial
Subject Code	10BC0103	4	3	0	2

Course Objectives

The course is designed to achieve Following Objectives:

- To impart knowledge regarding the process of accounting
- To equip students with preparation of final accounts
- To brief students with the accounting principles and accounting standards
- To impart knowledge regarding accounting for depreciation

Prerequisites:	
None	

Course Outcomes

After studying this course, student should be able to:

- Implement the accounting process from journal entries to trial balance
- Understand the need for uniformity in accounting
- Prepare financial statements of sole-proprietary business

Course Content

Modulo I	BASICS OF BOOK-KEEPING AND ACCOUNTING	10 hours
Module 1		10 Hours
	Introduction to Book Keeping, Accounting and Accountancy –	
	Process of Accounting – Branches of Accounting- Methods of	
	Accounting – Basis of Accounting – Characteristics of	
	Accounting – Functions of Accounting – Users of Accounting	
	Information – Basic Accounting Terms – Classification of	
	Accounts and its Rules – Accounting Equation – Accounting	
	Principles – Accounting Concepts – Accounting Conventions –	
	Fundamental Accounting Assumptions	



Module II	OVERVIEW OF INDIAN ACCOUNTING STANDARDS Background of GAAP and IFRS – Introduction to Indian AS: Background, need, applicability, overview of standards (only theory)	10 hours
Module III	PROCESS OF ACCOUNTING Meaning of Journal – Format of Journal – Single and compound Journal Entries – Difference between Cash Discount and Trade Discount – Meaning of Ledger – Format of Ledger – Balancing of Ledger – Practical problems on Journal and Ledger – Meaning of Trial Balance – Preparation of Trial Balance – Redrafting of Trial Balance – Types of Errors and their Rectification	17 hours
Module IV	FINAL ACCOUNTS OF SOLE-PROPERITORSHIP: Types of Expenditure – Types of Income – Types of Profit – Meaning of Deferred Revenue Expenditure – Difference between Trial Balance and Balance sheet – Contingent Asset and Contingent Liability – Classification of Assets and Liabilities under different heading - Difference between Provisions and Reserves – Types of Reserves - Preparation of Final accounts for sole proprietorship for non manufacturing	12 hours
Module V	DEPRECIATION: Meaning - Methods of calculating depreciation (straight line method and written down value) - Method of recording Depreciation (Charging to Asset Account, Creating provision for Depreciation/ Accumulated Depreciation, Treatment of Disposal of Fixed assets.	11 hours

Text Bo	Text Books						
Sr. No	Author/s	Name of the Book	Publisher	Edition & Year of Publication			
T-01	P.C. Tulsian	Financial Accounting	Pearson	Latest			
T-02	S.N. Maheshwari, and. S. K. Maheshwari	Financial Accounting	Vikas Publishing House, New Delhi	Latest			



T-03	M.C.Shukla,	Advanced Accounts.	S Chand & Co	Latest
1-03	,	Advanced Accounts.	S. Chand & Co.,	Latest
	T.S.Grewal	VolI	New Delhi	
	and S.C.Gupta			

Referenc	e Books			
Sr. No	Author/s	Name of the Book	Publisher	Edition and Year of Publication
R-01	R. L. Gupta and M. Radhaswamy	Advanced Accounts. VolI& II	S. Chand & Co., New Delhi	Latest
R-02	A.Mukharji and M. Hanif	Financial Accounting	Tata McGraw, Hill Publishing Co. Ltd. New Delhi	Latest
R-03	S. P. Jain and K. N. Narang	Advanced Accountancy	Kalyani Publishers, New Delhi	Latest
R-04	T. S. Grewal	Introduction to Accountancy	S. Chand & Co. Pvt. Ltd., New Delhi	Latest
R-05	Monga, J. R.	Financial Accounting: concepts and applications	Mayoor Paper Backs, New Delhi	Latest

Marwadi University	Faculty of Law B.Com,LL.B. (Hons) Semester I				
Subject	Legal Methods	Credit	Tea	aching Sche	me
Name			Theory	Practical	Tutorial
Subject	10BC0105	4	3	0	2
Code					

Course Objectives	
The course is designed to achieve Following Objectives:	



- 5. To provide an understanding of the meaning, importance and role of law in society.
- 6. To provide the understanding of nature & development of law and legal systems.
- 7. To know the structure of the legal institutions and the hierarchy of courts in India.
- 8. To know the various sources of law and be able to synthesise such sources and use them to formulate arguments in their research; be familiar with legal research sources and tools and basic techniques of legal and logical reasoning.

T-	• • -
Ρυσυσο	1111C1TAC+
110104	uisites:

None

Course Outcomes

After the completion of the course the student will be able to:-

- Understand the concept, sources and the functions of law and various legal systems of the world.
- Understand the hierarchy of the Indian courts and their jurisdictions.
- Understand judicial reasoning and its application in the Courts.
- Acquire the ability to identify legal issues and principles underlying in any given factual situation and to undertake and present research on such issues.
- Equip with the basics of legal research methodology and legal writing.

Catalog Description

This course seeks to enable first year students to understand what is law, development of law, the nature and sources of law and to distinguish between various kinds of law. It will provide in-depth knowledge to the students about the Indian legal system and the functioning and hierarchy of courts.

This course will give an overview of the law-making roles of the legislative, executive and judicial branches of government; an introduction to case laws, including judicial reasoning and the doctrine of precedent; an introduction to statute laws, including the legislative processes and techniques of statutory interpretation and application; the interaction between case law and legislation. This course will give a basic awareness to the students about legal language, research methodology and legal writing.



Course Content

Module I: Law- Meaning, Nature and Functions	 Concept and Definition of law and legal system – Law, A Law, The Law Functions of law Classification of laws: Civil Legal System, Common Legal System, Religious Legal System Public and Private Law Substantive and Procedural Law Municipal and International Law 	14 hours
Module II: Sources of Law	CustomPrecedentLegislation	9 hours
Module III: Basic Concepts of Indian Legal System	 Common Law Indian Constitution: Salient Features Rule of Law Separation of Powers Judicial system in India iii. Hierarchy of Courts iv. Jurisdiction of the Courts 	16 hours
Module IV : Legal Writing and Research	 Meaning & Importance of Legal Research(Research Problem) Legal Materials: Primary & Secondary, Statutes, Reports, Journals, Manuals, Bill, Act Case Analysis and Preparation of Briefs Kinds of Legal Research iii. Doctrinal Research iv. Non-Doctrinal Research Techniques of Legal Research v. Sampling Design Technique vi. Measurement & Scaling Technique vii. Observation Method viii. Interview Method Report Writing, Formulation of Problems Citations and Bibliography 	21 hours

T	ext	R	റ	ks
	exi	n	()()	KS



- A.T.H. Smith Glanville Williams: Learning The Law, 14th Edition,Sweet & Maxwell
- B.N.M. Tripathi An Introduction to Jurisprudence and Legal theory
- C.R. Kothari- Research Methodology-Methods and Techniques (Second Revised Edition)
- C.K. Takwani Administrative Law
- V D Mahajan –Jurisprudence & Legal Theory, 5th Edition, Eastern Book Company

Reference Books

- Nomita Aggarwal Jurisprudence (Legal Theory)
- Dr. T.Padma- Legal Research Methodology
- Legal Research and Writing Method- Anwuarul Yaqin
- ILI Publication in Legal Research and Methodology
- J.Williams, *A Statement on Plagiarism: What It is and How to Recognize and Avoid It.* http://wso.williams.edu/~athoms/WW/3--Plagiarism Handout.pdf
- Upendra Baxi, "The Rule of Law in India", 4 *International Journal of Human Rights* 6-25 (2007) [available at *www.surjournal.org*]
- M.N. Venkatachaliah, "Rule of Law: Contemporary Challenges", 45 Indian Journal of Public Administration 321 (1999) 77
- H.M. Seervai, "Rule of Law" in *The Position of the Indian Judiciary under the Constitution of India* 83-96 (1970) 86

Marwadi University	Faculty of Law B.Com.,LL.B. (Hons) Semester I				
Subject	Law of Contract – I (General	Credit	Te	aching Sche	me
Name	Principles)		Theory	Practical	Tutorial
Subject Code	10BC0106	4	3	0	2

Course Objectives

The course is designed to achieve Following Objectives:

- 4. To provide the conceptual understanding of the basic principles of Law of Contract
- 5. To develop analytical skills with respect to various issues related to law of Contract
- 6. To understand the judicial interpretation of the statute as the case analysis method of teaching will be mostly adopted.

Prerequisites:	
None	

Course Outcomes



On completion of this course, the students will be able to

- 6. Develop a conceptual understanding of the basics of law of contract.
- 7. Understand the legal aspects of a valid contract and at the same time judge a void and voidable contract.
- 8. Learn the remedies available in cases of breach of contract.
- 9. Have conceptual understanding of E-contracts, and government Contracts
- 10. Develop strong analytical skills

Catalog Description

Law of Contract is one of the foundational subjects in legal studies. It constitutes the basis on which the whole gamet of commercial laws has been established. Accordingly, present syllabus has been drafted with the object to give students conceptual, jurisprudential and foundational understanding about the general principles governing contractual obligations. Present syllabus deals with the various issues regarding contract from formation of the contract, performance of the contract to its enforcement and remedies on breach including remedies under Specific Relief Act, 1963.

The subject shall be taught in two parts. The first semester shall deal with Law of Contract I in which an overview of Sections 1 to 75 of the Contract Act, covering the general nature of contract and some portions of specific relief Act 1963 shall be dealt. Contract II shall be covered in second semester, in which various specific contracts shall be covered.

Course Content

Module 1. Introduction	 The historical development of contract law: English origin (debt, detinue, account, covenant, action on case, assumpsit, indebitus assumpsit) Indian origin Purpose of Contract 		3 hours
---------------------------	--	--	---------



Faculty of Law			
Module: 2. Elements of contract	 Agreement and Contract Types of Contract Essentials of a Valid Contract Offer, Types of Offer, Communication and Termination, Distinction between offer and invitation to treat Acceptance, Communication and Termination 	Case Laws: Bharat Petroleum Corp. Ltd. V. Great Eastern Shipping Co. Ltd. (2008) 1SSC 503 GEA Energy System (India) Ltd. V. Litostroi El (2005) (Mad DB); (2005) 2 CTC 761 Mukand Ltd. V. Hindustan Petroleum Corp. (2005) # CLT 45 (Bom DB) C.K Asati v Union of India AIR 2005 MP 96 Sultan Sadik v Sanjay Raj Subha (2004) 2 SCC 547 Merritt v. Merritt 1970 2 All ER 760 (CA) Entores Ltd. V Miles Far East Corp. (1955) 2 All ER 493 Upton Rural District Council v Powell (1942) I All ER 220 Balfour v. Balfour, (1919) 2 K.B. 571 Lalman Shukla v. Gauri Dutta (1913) 11 All LJ 489 Powell v Lee (1908) 24 TLR 606 Felt House v. Bindley (1862) 11, CB (NS) 86 Carlill v. Carbolic Smoke Ball Company, (1893) 1 QB 256	8 hours
Module: 3. Consideratio n	 Doctrine of consideration Essential of valid Consideration The rule 'no consideration no contract"- its exception', inadequacy of consideration, nudum pactum Privity of contract and of consideration Unlawful consideration and its effects 	Case Laws: Durga Prasad v. Baldeo (1880) 3 All 221 Kedar Nath v. Gorie Mohamed 1886 ILR 14 Cal 64 Doraswami Iyer v. Arunachala Ayyar, AIR 1936 Mad. 135 Union of India v. Indo Afghan Agencies (1968) 2 SCR 366 Pournami Oil Mills v. State of Kerala 1986 SCC 728 Dutton v. Poole, 83 ER 523 (1677) Tweddle v. Atkinson 123 ER 762	5 hours



		 Dunlop Pneumatic Tyre Co. V. Selfridge & Co. 1915 AC 847 Chinnaya v. Ramayya (1882) 4 Mad. 137 Khwaja Muhammad Khan v. Hussaini Begaum, (1910) 37 IA 152 Pinnel's case, (1602) 5 Co Rep 117a Metal Manufacturing Co Ltd v. Tungsten Electric Co. Ltd, (1955) 2 All ER 657 	
Module: 4. Capacity to Contract	 Natural Person Agreements by minor Unsoundness of mind Legal Person Company State Disqualification under Law 	 Case Laws: Kumari Shahnoor Md Tahseen v. State of U.P. AIR 2007 All 437 Mohori Bibi v. Dhurmodas Ghosh (1903) 30 IA 114 Raj Rani v. Prem Adib AIR 1949 Bom 215 Burnard v. Haggis (1863) 4 CBNS 45 Leslie v. Shiell (1914) 3 KB 607 Amiriraju v. Sheshmme (1917) 41 Madrass 33. 	4 hours
Module: 5. Free Consent	 Free consent- Its need and definition- Factors vitiating free consent: Coercion, Undue Influence, Misrepresentation, Fraud, Mistake, etc 		4 hours
Module: 6. Voidable Contracts	 Coercion Definition- essential elements Illustrations of coercion Doctrine of economic duress Effect of coercion Undue Influence Definition- essential elements- between which 	Case Laws: • Great Peace Shipping Ltd v. Tsavliris Salvage (International) Ltd, 2003 QB 679 • Chikham Amiraju v. Chikham Seshamma, (1917) 41 Mad 33	6 hours



	parties can it exist? Who is to prove it?	• Subhas Chandra Das v.	
	 Illustrations of undue influence- independent advice Pardanashin women Effect of undue influence Misrepresentation Definition - misrepresentation of law and of fact Their effects and illustration Fraud Definition - essential elements - suggestion falsisuppresio veri - when does silence amounts to fraud? Active concealment of truth Importance of intention 	Ganga Prasad Das, AIR 1967 SC 878 Derry v. Peek (1886) 14 App Cas. 337 Car & Universal Finance Co Ltd v. Caldwell, (1964) 1 All ER 290 New India Rubber Works (P) Ltd v. Oriental Fire and General Insurance Co. Ltd. (1969) 1 Comp LJ 153 (Cal)	
Module: 7. Void Agreement (Void-ab- initio)	 Mistake Definition - kindsfundamental error - mistake of law and of fact - their effects When does a mistake vitiate free consent and when does it not vitiate free consent? Legality of objects Void agreements - lawful and unlawful considerations and objects Void, voidable, illegal and unlawful agreements and their effects Unlawful considerations and objects: Forbidden by law Defeating the provision of any law Fraudulent Injurious to person or property Immoral Against public policy Void Agreements Agreement without consideration 	 Case Laws: Central Inland Water Transport Corporation v. B.K Ganguly AIR 1986 SC 1571 Kalyanpur Lime Works Ltd. v. State of Bihar and another AIR 1954 SC 165 Tarsem Singh v. Sukhminder Singh AIR 1998 SC 1400 Dularia Devi v. Janardan Singh and others AIR 1990 SC 1173 Kedarnath Motani and Others v. Prahlad Rai and Others V. Prahlad Rai and Others AIR 1960 SC 213 Manicka Gounder v. Muniammal AIR 1968 Mad 392 Ratanchand Hirachand v. Askar Nawaz Jung (dead) By LRs and Others (1991) 3 SCC 67 BOI Finance Ltd. v. Custodian and Others AIR 1997 SC 1952 Madhub Chander v. Raj comer Dass (1874) 14 BLR 76 	8 hours



		y OI Law	
	 Agreement in restraint of marriage Agreements in restraint of trade- its exceptions- sale of goodwill, Section 11 restrictions under the partnership Act, trade combinations, exclusive dealing agreements, restraints on employees under agreements of service Agreements in restraint of legal proceedings- its exceptions Uncertain agreements Wagering agreement- its exception 	 Gujarat Bottling Co. Ltd. v. Coca Cola Co. (1995) 5 SCC 545 National Insurance Co Ltd v. S. G Nayak & co AIR 1997 SC 2049 Frost v. Knight (1872) LR 7 Exch 111 Ramzan v. Hussaini (1990) 1 SCC 104 Rao Rani v. Gulab Rani (1942) ILR All 810 Hakam Singh v. Gammom (India) Ltd. AIR 1971 SC 740 Gherulal Parekh v. Mahadeo Das Maiya AIR 1959 SC 781 	
Module: 8. Contingent, Quasi & Govt. Contract	 Contingent condition, Promissory conditions Features, when contingent contracts become void Quasi Contract Meaning & nature, Theory of Unjust Enrichment Theory of "implied-in-fact" Contract Claim for necessaries supplied to incapable person (section 68) Reimbursement of person paying money due by another (section 69) Obligation of person enjoying benefit of non gratuitous act (section 70) Responsibility of finder of goods (section 71) Liability of person to whom money is paid, or thing is delivered by mistake or under coercion (section 72) 	Case Laws: Satyabrata Ghose v. Mugneeram Bangur AIR 1954 SC 44 State of Bihar v. Majeed AIR 1954 SC 786. Ram Lal v. State of Punjab, AIR 1966 Pun 436. Bhikaraj Jaipuria v. Union of India AIR 1962 SC 113. Chandulal Harjivandas v. Commissioner of Inc. Tax. Gujarat AIR 1967 SC 816 The Commissioner of Wealth Tax Mysore v. Vijayaba Dowger Maharani Saheb Bhavnagar & others AIR 1979 SC 982 Bashir Ahmad and others v. Govt. of AP AIR 1970 SC 1089 Mugniram Bangur & Co.(P) Ltd. v. Gurbachan Singh AIR 1965 SC 1523 State of West Bengal v. B.K. Mondal & Sons, AIR 1962 SC 779 K.P.Chowdhary v. State of Madhya Pradesh AIR 1967 SC 203	6 hours



	Facult	y of Law	
Module: 9. Discharge of a contract and its various modes	 By performance Rules of performance including joint promisor, joint promisee, time and place of performance, Condition precedent and condition subsequent Quantum Merit By breach Anticipatory breach Present breach Constructive Breach Impossibility of performance Specific grounds of frustration- application to leases theories of frustration- frustration and restitution By period of limitation By agreement- novation, rescission and alteration-their effect- remission and waiver of performance extension of time- accord and satisfaction. Force majeure 	Case Laws: Paradine v. Jane (1647) Aleyn 26. Taylor v. cadwell (1863) 3 B&S 826. Krell v.Henry (1903) 2 KB 740. Herne Bay Steam Boat Co v. Hutton (1903) 2 K B 683. Hochster v. De La Tour (1853) 2 E &B 678. Frost v. Knight (1872) L.R.7 Ex 111. Hadley v. Baxendale (1854)9 Exch 341. Victoria Laundry (Windsor) Ltd v. Newman Industries Ltd (1949) 1 All ER 997. Simpson v. London &North Western Railway Co (1876) 1 Q.B.D 27	4 hours
Module: 10. Breach of contract & Remedies for Breach	 Meaning, kinds of breach, remedies for breach; Remedies generally, Sections 73, 74, 75 Damages; measure of damages, remoteness of damages. 	 Case Laws: State of Karnataka v. Shree Rameshwar Rice Mills AIR 1987 SC 1359 Timblo Irmaos Ltd. v. JAM Sequera AIR 1976 SC 734 State of Gujarat v. M.K. Patel & Co. AIR 1985 Guj 179 Hadley v. Baxendale 23 LJ Ex 179. Oil and Natural Gas Corp. Ltd. SAW Pipes Ltd. AIR 2003 SC 2629 Johnson v. Gore Wood & co. (2002) 2 AC 1 Jackson v. Royal Bank of Scotland (2005) 2 All ER 71 (HL) 	4 hours



		,	
Module: 11. Specific Relief Act, 1963	 Specific performance of contract Contract that can be specifically enforced Persons against whom specific enforcement can be ordered Recession and cancellation Injunction Temporary Perpetual Declaratory orders Rectification of Contract 	 Case Laws: S.B Dutt v. University of Delhi AIR 1958 SC 1050 Pearlite Liners (P) Ltd. v. Manorma Sirsi AIR 2004 SC 1373 Shanti Prasad Devi v. Shankar Mehto AIR 2005 SC 2905 Percept D Mark (India) (P) Ltd. v. Zaheer Khan (2006) 4 SCC 227. Jai Narain Parasrampuria v. Pushpa Devi Saraf, (2006) 7 SCC 756 	8 hours

Text Books

- 3. Pollock and Mulla, Indian Contract and Specific Relief Act, 13th Edition, Lexis Nexis Butterworths Wadhwa, Nagpur, 2009
- 4. Avatar Singh, "Law of Contract and Specific Relief", Eastern Book Company, 10th Edition, Lucknow, 2011

Reference Books

- 9. Joseph Chitty, Chitty on Contracts, Sweet and Maxwell Limited, 2011
- 10. Jill Poole, *Case Book on Contract Law*, 10th Edition, Oxford University Press, Oxford New York, 2010
- 11. *Cunningham and Shephard's Contract Act*, 11th Edition, Law Publisher (India) Pvt. Ltd, Allahabad, 2007-08
- 12. P.C Markanda, The Law of Contract, 2nd Edition, Wadhwa Nagpur, 2008
- 13. Robert A. Feldman, Raymond. T. Nimmer, *Drafting Effective Contracts A Practitioner's Guide*, 2nd Edition, Wolter Kluwer Law and Business Aspen Publishers, New Delhi, 2010
- 14. J. Beatson, *Ansons Law of Contract*, 29th edition, Oxford University Press, Oxford New York, 2010
- 15. B S Ramaswamy, "Contracts and their Management", Lexis Nexis Butterworth, 3rd Edition, New Delhi 2008
- 16. H.K Saharay, "Dutt on Contract", Eastern Law House, 10th Edition, Kolkata, 2006





MINUTES OF THE PROGRAM STRUCTURE DESIGN COMMITTEE & BOARD OF STUDY MEETING HELD ON 27TH JANUARY, 2018.

Members Present

- Prof. Bhavani Prasad Panda, Vice Chancellor, Maharashtra National Law University, Mumbai
- 2) Ms. Daksha Baxi, Executive Director, Khaitan and Co.
- 3) Prof. (Dr.) Purvi Pokhariyal, Director & Dean, Institute of Law, Nirma University
- 4) Mr. Rodney Ryder, Founding Partner, Scriboard Advocates & Legal Consultants
- 5) Mr. Pranit Nanavati, Advocate, Gujarat High Court
- 6) Ms. Winnie Shekhar, Partner, Induslaw, Bangalore
- 7) Mr. Subhrarag Mukherjee, In-house Counsel, Hewlett Packard Enterprise
- 8) Prof. Dabiru Sridhar Patnaik, Professor, Jindal Global Law School
- 9) Dr. Rhishikesh Dave, Dean, Faculty of Law, Marwadi University
- 10) Dr. Sunil Kumar Jakhoria, Dean, Faculty of Management, Marwadi University
- 11) Prof. Shyam Kumar R S, Law Faculty
- 12) Prof. Rahul Nikam, Law Faculty
- 13) Mrs. Hetal Upadhyay, Executive Assistant, Faculty of Law, Marwadi University
- 14) Prof. Jaykumar Buddhdev, Assistant Professor, Communication Skills, Marwadi University

Dean Faculty of Law welcomed the members and explained to them the role and function of Program Structure Design Committee Meeting.

The Committee decided the following:

1. It is deliberated that whether Programme Outcome, Programme Educational Objectives & Programme Specific Outcome were in alignment with Blooms Taxonomy. The same is accepted and approved.

- 2. It was suggested to consider allowing students to undertake internship for the entire 9th and 10th semester since the academic learning is over by 8th semester. The balance 2 semesters should be focused on them getting opportunity to apply the law in practice and thus prepare them to be actual ready professional at the end of their 5 years. Also, this would be subject to BCI accepting this.
- 3. It was suggested that the Law Programs should be fully residential and day scholars should be discouraged and there should be separate teaching modules for both. Although this may not be practical for 9th and 10th semesters if they are to focus on internship.
- 4. It was decided to follow the norms of BCI with reference to Program Structure in totality especially at the time of first inspection. Every core subject should be of maximum 4 credits.
- 5. It was suggested by Prof. Purvi Pokhariyal that BCI will consider each specialization as a separate course along with B.A., LL.B. (Hons) and B.Com., LL.B. (Hons). For example B.A., LL.B. (Hons) with specialization in Constitutional Law, B.Com., LL.B. (Hons) with specialization in Constitutional Law and same will follow in other three specializations. Also BCI requires three faculties of each specialization for all the courses.
- 6. It was suggested that for the compulsory subjects the subject nomenclature as used by BCI should be used in the Syllabus. If the nomenclature is different from that used by BCI, there may be queries on the same at the time of inspection.
- 7. It was suggested to have 'Spanish Language' as an option in Foreign Language because Spanish is spoken majorly in Northern American countries and India has great potential to establish trade with these countries.
- 8. It was suggested to teach 'Logic' in the first semester.
- 9. It was suggested that if a particular subject/topic is split into two or more parts (like Sociology I & Sociology II for example) and spread over more than one semester, the Faculty of Law should try to ensure that there is continuity in the said subject across the various semesters i.e. if Sociology I is taught in the First Semester, then Sociology II should be taught in the Second Semester instead of scheduling it in the Fourth Semester.

- 10. It was decided not to specify Electives at the initial stage and only use the term Elective 1, 2 and so on so that we can have autonomy for deciding the Electives at later stage. Along with the suggested Electives the committee also suggested to have Electives on following:
 - 1) Contract Drafting & Negotiation
 - 2) Technology and Law
 - 3) Litigation Management
 - 4) Pre-Litigation Client/Dispute Management
 - 5) Government/Public Sector Contracts.
 - 6) Drafting of Legislation

It was also suggested that as an alternate to a full credit course, the School of Law should also consider organizing exhaustive Workshops/Conferences/Training Programs for some of these highly specialized topics/areas of law by inviting experts from the industry and law firms.

- 11. Economics-1 The topic 'Economic Analysis of Law' to be replaced with 'Relationship between Law and Economics' in Module 1.
- 12. Sociology-1 Module 6 The title should be Social Research Methods.
- 13. 'Catalogue Description' in the entire syllabus to be replaced with 'Course Description'.
- 14. Law of Contract 1 following change to be done
- a) In Module 10 Legal notice for the breach of contract to be added
- b) Introduction to be given on
- 1) Standard forms of Contract
- 2) International Contract
- 3) Government Contract and Article 299 of the Indian Constitution.
- 4) E-Contract
- c) Latest amendment in Specific Relief Act should be added in Module 11.

The Following Programme structure by incorporating CBCS (Choice Based Credit System) has been decided by the Committee after much deliberations of inclusion and exclusion of courses and topics as per Bar Council of India norms for the Undergraduate law students.

B.A., LL.B. (Hons) Five Year Integrated Program <u>Program Structure</u>

First Year

	Semester I	
Couse Code	Course Title	Total Credits
10BA0101	POLITICAL SCIENCE I	4
10BA0102	ECONOMICS I	4
10BA0103	SOCIOLOGYI	4
10SL0101	ENGLISH – I	4
	(LINGUISTICS AND	
	LITERATURE)	
10BA0105	LEGAL METHODS	4
10BA0106	LAW OF CONTRACT – I	4
	(GENERAL PRINCIPLES)	
10CR0101	CRITICAL THINKING &	2
	ARGUMENTATIVE SKILLS	
	Total	26

	Semester II	
Couse Code	Course Title	Total Credits
10BA0201	POLITICAL SCIENCE II	4
10BA0202	ECONOMICS II	4
10BA0203	SOCIOLOGY II (INDIAN	4
	SOCIETY AND LAW: AN	
	INTERFACE)	
10SL0151	LAW THROUGH	4
	POPULAR MEDIA	
10BA0204	LAW OF TORT,	4
	CONSUMER	
	PROTECTION & MOTOR	
	VEHICLES ACT, 1988	
10BA0205	LAW OF CONTRACT – II	4
10BA0206	MOOT COURT	2
	TRAINING	
10BA0207	Internship (NGO) 4	2
	weeks	
	Total	28

Second Year

	Semester III	
Course Code	Course Title	Total Credits
10BA0301	POLITICAL SCIENCE III	4
10BA0302	ECONOMICS III	4
10BA0303	SOCIOLOGY III (LAW IN A CHANGING SOCIETY:	4

	Semester IV	
Course Code	Course Title	Total Credits
10BA0401	POLITICAL SCIENCE IV	4
10BA0402	PUBLIC	5
	INTERNATIONAL LAW	
10BA0403	ENVIRONMENT LAW	5

	Total	36
	Court 1) 4 weeks	
10BA0308	Internship (Lower	2
	FRENCH - I)	
	FRENCH LANGUAGE	
10SL0301	LANGUAGE (BASICS OF	2
	(GENERAL PRINCIPLES)	
	(IPC)	
10BA0307	LAW OF CRIMES – I	5
	-1	
10BA0306	CONSTITUTIONAL LAW	5
10BA0305	FAMILY LAW – I	5
10BA0304	JURISPRUDENCE	5
	PROSPECTS)	
	CHALLENGES &	

10BA0404	FAMILY LAW – II	5
10BA0405	CONSTITUTIONAL LAW	5
	- II	
10BA0406	LAW OF CRIMES – II	5
	(IPC)	
	(SPECIFIC OFFENCES)	
10SL0401	LANGUAGE (BASICS OF	2
	FRENCH LANGUAGE	
	FRENCH - II)	
40040407		_
10BA0407	Internship (Lower	2
	Court 2) 4 weeks	
	Total	33

Third Year

	Semester V	
Course Code	Course Title	Total Credits
10BA0501	POLITICAL SCIENCE V (COMPARATIVE GOVERNMENT & POLITICS)	4
10BB0501	HUMAN RIGHTS & INTERNATIONAL HUMANITARIAN LAW	5
10BB0502	CRIMINAL PROCEDURE CODE	5
10BB0503	CORPORATE LAW I	5
10BB0504	LAW OF EVIDENCE	5
10BB0505	ADMINISTRATIVE LAW	5

	Semester VI	
Course Code	Course Title	Total Credits
10BA0601	POLITICAL SCIENCE VI (WESTERN POLITICAL THOUGHT)	4
10FL0601	LABOUR & INDUSTRIAL LAW I	5
10FL0602	INTERPRETATION OF STATUTES	5
10FL0604	CIVIL PROCEDURE CODE & LIMITATION ACT	5
10FL0605	PROPERTY LAW	5
10FL0606	INTELLECTUAL PROPERTY LAW	5

	Total	33
10BB0507	Internship (High Court 1) 4 weeks	2
10BB0506	LEGAL WRITING	2

	Total	36
10FL0607	Internship (High Court 2) 4 Weeks	2
10FL0603	CORPORATE LAW II	5

Fourth Year

	Semester VII	
Course Code	Course Title	Total Credits
10FL0702	DRAFTING, PLEADING AND CONVEYANCE (CLINICAL COURSE II)	4
10FL0701	LABOUR & INDUSTRIAL LAW II	4
10FL0703	TAXATION LAW I	4
10FL0704	ALTERNATE DISPUTE RESOLUTION (CLINICAL COURSE III)	4
10FL0705	INVESTMENT & SECURITY LAW	4
	Honours Course I	4
	Honours Course II	4
10FL0706	Internship (Supreme Court/Law Firm/Corporate House 1) 4 weeks	2
	Total	30

	Semester VIII	
Course Code	Course Title	Total Credits
10FL0801	BANKING & INSURANCE LAW	4
10FL0802	PRIVATE INTERNATIONAL LAW	4
10FL0803	COMPETITION LAW	4
10FL0804	TAXATION LAW II	4
10FL0805	PUBLIC INTEREST LAWYERING, LEGAL AID & PARA LEGAL SERVICES (CLINICAL COURSE IV)	4
	Honours Course III	4
	Honours Course IV	4
10FL0806	Internship (Supreme Court/Law Firm/Corporate House 2) 4 weeks	2
	Total	30

Fifth Year

Compostor IV		
Semester IX		
Course Title	Total Credits	
DRAFTING, PLEADING AND	4	
CONVEYANCE(CLINICAL COURSE II)		
PROFESSIONAL TRAINING	4	
LITIGATION ADVOCACY,	4	
PROFESSIONAL ETHICS & BENCH		
BAR RELATIONS (CLINICAL COURSE		
III)		
Elective Courses (Any Two)	8	
Telecommunication law		
Energy Law		
Natural Resources management		
Law		
Law on Disaster management		
Water Law		
Honours Course V	4	
Honours Course VI	4	
Placement Internship, 4 weeks	2	
Total	30	

Semester X		
Course Title	Total Credits	
PUBLIC INTEREST LAWYERING,	4	
LEGAL AID & PARA LEGAL SERVICES		
(CLINICAL COURSE IV)		
LAW, SCIENCE & TECHNOLOGY	4	
PROFESSIONAL TRAINING II	4	
OPTIONAL(Any two)	8	
Air & Space law		
Maritime Law		
Cyber Law		
Sports Law		
Health Law		
Honours Course VII	4	
Honours Course VIII	4	
Total	28	

Total No. of Credits: 306

Honours Course Outline

SEMESTER VII				
PAPER CONSTITUTIONAL BUSINESS LAW CRIME AND INTELLECTU LAW GROUP GROUP CRIMINOLOGY PROPERTY LA				
Hons. I	Media Law	Law of Merger and Acquisition	Criminology	Copyright Law in film Industry

Hons. II	Election Law	Law on Infrastructure Development	ICT law	Law of Trademark & passing off
		SEMESTER VIII		
Hons. III	Law & Education	Law on Corporate Finance	Penology	Patent, Right, Creation and Registration
Hons. IV	Immigration Law	Corporate Governance	Administration of Criminal Justice I	Patent Drafting and Specification Writing
		SEMESTER IX	1	
Hons. V	Law of Writs	Law of Bankruptcy and Insolvency	Forensic Science & law interface	Biodiversity Protection
Hons. VI	Right to Information Law	Financial Market Regulation	Administration of Criminal Justice II	IPR in Pharma Industry
		<u>SEMESTER X</u>		
Hons. VII	Comparative Constitution	International Trade Law	Comparative Criminal procedure	International Intellectual Property law
Hons. VIII	Judicial Process	International Taxation	International Criminal Law	Law of Trade Secret and Technology Transfer

B.Com., LL.B. (Hons) Five Year Integrated Program <u>Program Structure</u>

First Year

	Semester I	
Couse Code	Course Title	Total Credits
10BC0101	PRINCIPLES OF BUSINESS	4
	ADMINISTRATION	
10BC0102	BUSINESS	4
	ENVIRONMENT	

	Semester II	
Couse Code	Course Title	Total Credits
10BC0201	BUSINESS COMMUNICATION	4
	COMMONICATION	
10BC0202	BUSINESS ECONOMICS	4

10BC0103	PRINCIPLES OF	4
	ACCOUNTING	
10SL0101	ENGLISH – I (LINGUISTICS	4
	AND LITERATURE)	
10BC0105	LEGAL METHODS	4
10BC0106	LAW OF CONTRACT – I	4
	(GENERAL PRINCIPLES)	
10CR0101	CRITICAL THINKING &	2
	ARGUMENTATIVE SKILLS	
	Total	26

	Total	28
	weeks	
10BC0207	Internship (NGO) 4	2
10BC0206	MOOT COURT TRAINING	2
10BC0205	LAW OF CONTRACT – II	4
	VEHICLES ACT, 1988	
	PROTECTION & MOTOR	
	CONSUMER	
10BC0204	LAW OF TORT,	4
	MEDIA	
10SL0151	LAW THROUGH POPULAR	4
10000200	PRINCIPLE	7
10BC0203	ADVANCED ACCOUNTING	4

Second Year

	Semester III	
Course Code	Course Title	Total Credits
10BC0301	FINANCIAL	4
	ACCOUNTING	
10BC0302	FUNDAMENTALS OF	4
	ENTREPRENEURSHIP	
10BC0303	HUMAN RESOURCE	4
	MANAGEMENT	
10BC0304	JURISPRUDENCE	5
10BC0305	FAMILY LAW – I	5
10BC0306	CONSTITUTIONAL LAW	5
	-1	
10BC0307	LAW OF CRIMES – I	5
	(IPC)	
	(GENERAL PRINCIPLES)	
10SL0301	LANGUAGE (BASICS OF	2
	FRENCH LANGUAGE	
	FRENCH - I)	

	Semester IV		
Course Code	Course Title	Total Credits	
10BC0401	ORGANIZATION	4	
40000400	BEHAVIOUR	_	
10BC0402	PUBLIC	5	
	INTERNATIONAL LAW		
10BC0403	ENVIRONMENT LAW	5	
10BC0404	FAMILY LAW – II	5	
10BC0405	CONSTITUTIONAL LAW	5	
	– II		
10BC0406	LAW OF CRIMES – II	5	
	(IPC)		
	(SPECIFIC OFFENCES)		
10SL0401	LANGUAGE (BASICS OF	2	
	FRENCH LANGUAGE		
	FRENCH - II)		
10BC0407	Internship (Lower	2	
	Court 2) 4 weeks	_	
	-	22	
	Total	33	

10BC0308	Internship (Lower	2
	Court 1) 4 weeks	
	Total	36

Third Year

	Semester V	
Course Code	Course Title	Total Credits
10BC0501	PRINCIPLES OF	4
	MARKETING	4
10BB0501	HUMAN RIGHTS &	
	INTERNATIONAL	5
	HUMANITARIAN LAW	
10BB0502	CRIMINAL PROCEDURE	5
	CODE	J
10BB0503	CORPORATE LAW I	5
10BB0504	LAW OF EVIDENCE	5
10BB0505	ADMINISTRATIVE LAW	5
10BB0506	LEGAL WRITING	2
10BB0507	Internship (High Court	2
	1) 4 weeks	
	Total	33

	Semester VI	
Course Code	Course Title	Total Credits
10BC0601	ESSENTIALS OF E- COMMERCE	4
10FL0601	LABOUR & INDUSTRIAL LAW I	5
10FL0602	INTERPRETATION OF STATUTES	5
10FL0604	CIVIL PROCEDURE CODE & LIMITATION ACT	5
10FL0605	PROPERTY LAW	5
10FL0606	INTELLECTUAL PROPERTY LAW	5
10FL0603	CORPORATE LAW II	5
10FL0607	Internship (High Court 2) 4 Weeks	2
	Total	36

Fourth Year

	Semester VII		
Course Code	Course Title		
10FL0702	DRAFTING, PLEADING AND CONVEYANCE (CLINICAL COURSE II)	4	
10FL0701	LABOUR & INDUSTRIAL LAW II	4	
10FL0703	TAXATION LAW I	4	
10FL0704	ALTERNATE DISPUTE RESOLUTION (CLINICAL COURSE III)	4	
10FL0705	INVESTMENT & SECURITY LAW	4	
	Honours Course I	4	
	Honours Course II	4	
10FL0706	Internship (Supreme Court/Law Firm/Corporate House 1) 4 weeks	2	
	Total	30	

	Semester VIII		
Course Code	Course Title	Total Credits	
10FL0801	BANKING & INSURANCE LAW	4	
10FL0802	PRIVATE INTERNATIONAL LAW	4	
10FL0803	COMPETITION LAW	4	
10FL0804	TAXATION LAW II	4	
10FL0805	PUBLIC INTEREST LAWYERING, LEGAL AID & PARA LEGAL SERVICES (CLINICAL COURSE IV)	4	
	Honours Course III	4	
	Honours Course IV	4	
10FL0806	Internship (Supreme Court/Law Firm/Corporate House 2) 4 weeks	2	
	Total	30	

Fifth Year

Semester IX		
Course Title	Total Credits	
DRAFTING, PLEADING AND	4	
CONVEYANCE(CLINICAL COURSE II)		
PROFESSIONAL TRAINING	4	

Semester X			
Course Title	Total Credits		
PUBLIC INTEREST LAWYERING,	4		
LEGAL AID & PARA LEGAL SERVICES			
(CLINICAL COURSE IV)			

Total	30
Placement Internship, 4 weeks	2
Honours Course VI	4
Honours Course V	4
Water Law	
Law on Disaster management	
Law	
Natural Resources management	
Energy Law	
Telecommunication law	
Elective Courses (Any Two)	8
III)	
BAR RELATIONS (CLINICAL COURSE	
PROFESSIONAL ETHICS & BENCH	
LITIGATION ADVOCACY,	4

LAW, SCIENCE & TECHNOLOGY	4
PROFESSIONAL TRAINING II	4
OPTIONAL (Any two)	8
Air & Space law	
Maritime Law	
Cyber Law	
Sports Law	
Health Law	
Honours Course VII	4
Honours Course VIII	4
Total	28

Total No. of Credits: 306

Honours Course Outline

SEMESTER VII				
PAPER	CONSTITUTIONAL	BUSINESS LAW	CRIME AND	INTELLECTUAL
	LAW GROUP	GROUP	CRIMINOLOGY	PROPERTY LAW
Hons, I	Media Law	Law of Merger and	Criminology	Copyright Law in film
110113.1		Acquisition		Industry
		Law on		Law of Trademark &
Hons. II	Election Law	Infrastructure	ICT law	passing off
		Development		
		SEMESTER VIII		
Hons. III	Law & Education	Law on Corporate Finance	Penology	Patent, Right, Creation and Registration
Hons. IV	Immigration Law	Corporate Governance	Administration of Criminal Justice I	Patent Drafting and Specification Writing
SEMESTER IX				
Hons. V	Law of Writs	Law of Bankruptcy	Forensic Science	Biodiversity
		and Insolvency	& law interface	Protection

Hons. VI	Right to Information Law	Financial Market Regulation	Administration of Criminal Justice II	IPR in Pharma Industry
SEMESTER X				
Hons. VII	Comparative Constitution	International Trade Law	Comparative Criminal procedure	International Intellectual Property law
Hons. VIII	Judicial Process	International Taxation	International Criminal Law	Law of Trade Secret and Technology Transfer

The Meeting ended with a Vote of Thanks to all members. This was followed by a Tour of the Campus and lunch.

Prof. Rhishikesh Dave

Dean, Faculty of Law Marwadi University.