



**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion 1

CA

KI 1.3

M 1.3.3

1.3.3

Percentage of Programmes that have components of field projects / research projects / internships during the last five years.

S. No.	Particulars	Program	Page No.
1	Sample Scheme of Learning & Evaluation	Post Graduate (PG)	2-8
		Under Graduate (UG)	9-19

**Registrar
Atmiya University
Rajkot**





**ATMIYA
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NAAC – Cycle – 1

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Sample

Scheme of Learning & Evaluation

(PG Program)





**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion 1

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KI 1.3

M 1.3.3

Enclosure-MCHI

ATMIYA UNIVERSITY, RAJKOT

Faculty of Science

Department of Chemistry

M.Sc. Chemistry

(Specialization in Organic /Analytical Chemistry)

Scheme of Learning and Evaluation

***w.e.f.* A.Y. 2021-22 & onwards**





ATMIYA UNIVERSITY
Faculty of Science
Department of Chemistry
M. Sc. Chemistry (Organic Chemistry)

SCHEME OF LEARNING AND EVALUATION

For the students admitted from A.Y. 2021-2022 & onwards

Semester-IV									
Course Code	Course	Contact Hrs/ Week			Exam Duration (Hrs)	Max. Marks			Credit
		T	Tu	P		CIA	SEE	Total	
Part - I									
21MCHOCC40 1	Core 12: Dissertation/Internship/Skill Training/Advance Practical (Ap)	-	-	18	6	80	120	200	8
21MCHOCC40 2	Core 13: Chemistry of Natural Products (Ap)	5	-	-	3	50	50	100	5
21MCHOCC40 3	Core 14 : Chemistry of Synthetic Drugs (Ap)	5	-	-	3	50	50	100	5
Part – I Total		10	-	18	-	180	220	400	18
Part - II									
21MCHCE02	*CEC 2: Online Courses/ Professional Certification Courses/ STC	After Successfully completion of the courses certified by provider and Approval by the Department						2	
Part – II Total		-	-	-	-	-	-	-	-
Total (Part – I to II)		10	-	18	-	180	220	400	20
		28			-	400		2500	96
Grand Total								2500	96

*Student must successfully complete Relevant Self learning online Courses/Professional Certification by the end of semester-IV. Students failing to earn the required credit certificate will have to opt and successfully complete the Short Term Course (STC) during semester-IV.





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1

AISHE: U-0967

Criterion 1

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Enclosure- MPHPII

Atmiya University
Faculty of Health Sciences
School of Pharmaceutical Sciences

M. Pharm. - Pharmaceutics
Scheme of Learning and Evaluation
w.e.f. A.Y. 2021-22





Semester IV									
Course Code	Course	Contact Hrs/ week			SEE Duration (Hours)	Maximum Marks			Credits
		T	Tu	P		CIA	SEE	Total	
Part-I: Core Courses (CC)									
Core (Theory)									
21MHPCC401	Core 13: Journal Club - II	-	1	-	-	25	-	25	1
21MHPCC402	Core 14: Research Work	-	-	32	1	-	400	400	16
21MHPCC403	Core 15: Discussion/Proposal Presentation	-	3	-	-	75	-	75	3
Total (Part – I)		-	4	32				500	20
Part-II : Competency Enhancement Courses (CEC)									
CEC - II									
21MHPCE02	Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	-	-	-	-	-	-	-	2-7*
Total (Part – II)		-	-	-	-	-	-	-	2-7*
Total (Part - I & II)		-	4	32	-	100	400	500	22-27*
		36			500				

* The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principal of the college and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the college from time to time.



 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion 1	CA
	KI 1.3	M 1.3.3

Enclosure- MTMEIIB

Atmiya University
Faculty of Engineering and Technology
Department of Mechanical Engineering

M.Tech. Mechanical Engineering
(CAD/CAM)

Scheme of Learning and Evaluation

w.e.f. A.Y. 2021-22





ATMIYA UNIVERSITY

Faculty of Engineering and Technology
Department of Mechanical Engineering

M. Tech. MECHANICAL ENGINEERING - CAD/CAM
SCHEME OF LEARNING AND EVALUATION
For the students admitted from A.Y. 2021-2022 & onwards

Semester –IV									
Course Code	Course	Contact Hours/ week			SEE Duration (Hrs.)	Maximum Marks			Credits
		T	Tu	P		CIA	SEE	Total	
PART- I									
		T	Tu	P					
21MMECDC401/ 21MMECDC402	Core Elective 2: Industry 5.0 / Design of Material Handling Equipment(Ad)	3	-	-	3	40	60	100	3
21MMECCC401	Core Practical 7: Mid Semester Dissertation	-	-	12	3	40	60	100	6
21MMECCC402	Core Practical 8: Dissertation Phase - 2	-	-	16	3	40	60	100	8
21MMECDC403/ 21MMECDC404	Core Elective Practical 1: Industry 5.0 / Design of Material Handling Equipment(Ad)	-	-	2	2	40	60	100	1
Part – I Total		3	-	30		160	240	400	18
PART – II									
21MMECCE01	CEC 1: Online / Professional certification courses/STC	-	-	-	-	Evaluated by Remarks			2
21MMECCE02	CEC 2: Online / Professional certification courses/STC	-	-	-	-	Evaluated by Remarks			2
Part – II Total		-	-	-	-	-	-	-	4





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1

AISHE: U-0967

Criterion 1

CA

KI 1.3

M 1.3.3

Sample

Scheme of Learning & Evaluation

(UG Program)





**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion 1

CA

KI 1.3

M 1.3.3

Enclosure-BCHI

ATMIYA UNIVERSITY, RAJKOT

Faculty of Science

Department of Chemistry

B.Sc. Chemistry

Scheme of Learning and Evaluation

***w.e.f.* A.Y. 2021-22 & onwards**





ATMIYA UNIVERSITY
Faculty of Science
Department of Chemistry
B. Sc. Chemistry
SCHEME OF LEARNING AND EVALUATION
For the students admitted from A.Y. 2021-2022 & onwards

Semester IV									
Course Code	Course	Contact Hrs/ Week			SEE Duration (Hours)	Maximum Marks			Credits
		T	Tu	P		CIA	SEE	Total	
Part-I: Language course									
21ULCEN401	Effective Communicative Skills	2	1	-	3	40	60	100	3
Part-I Total		2	1	0	3	40	60	100	3
Part-II: Discipline Specific Courses									
21BCHCC401	Core 8: Organic Chemistry (Ad)	4	-	-	3	40	60	100	4
21BCHCC402	Core 9: Physical Chemistry (Ad)	4	-	-	3	40	60	100	4
21BCHCL401/ 21BCHCL402	Core Elective 1: Green Methods in Chemistry/Soil Analysis (Ad)	4	-	-	3	40	60	100	4
	DSE 2: (From DSE Cluster):##	4	-	-	-	40	60	100	4
	TDE 1:	2	-	-	3	100	-	100	2
21BCHCC403	Core Practical 4: Combined Practical	-	-	9	9	40	60	100	3
21BCHCL403/ 21BCHCL404	Core Elective Practical 1: Green Methods in Chemistry / Soil Analysis	-	-	3	3	40	60	100	1
21BCHCR401	Core Enrichment Course/Component I: Concept to Practice	-	1	-	-	40+60^	-	100	1
Part-II Total		18	1	12		440	360	800	23
Part-III: Ability Enhancement Courses									
-	FS-3 – Career Acceleration Program	-	2*	-		Cumulative evaluation at the end of Semester V			Audit course
Part-III Total		-	2*	-		-	-	-	-
Total (Part-I to Part-III)		20	2+2*	12		480	420	900	26
						900			

* Beyond academic Hours

DSE 2-Cluster: Discipline Specific Elective Course 2 From cluster in semester IV

^60 Marks Carry over from Semester I to Semester III





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1

AISHE: U-0967

Criterion 1

CA

KI 1.3

M 1.3.3

Enclosure - BITIII

Atmiya University

Faculty of Science

Department of Computer Science

B.Sc. Information Technology

Scheme of Learning and Evaluation

***w.e.f.* A.Y. 2021-22**





**ATMIYA UNIVERSITY
Faculty of Science
Department of Computer Science**

B.Sc. INFORMATION TECHNOLOGY

SCHEME OF LEARNING AND EVALUATION

For the students admitted from A.Y. 2021-2022 & onwards

Semester III									
Course Code	Course	Contact Hrs/ week			SEE Duration (Hours)	Maximum Marks			Credits
		T	Tu	P		CIA	SEE	Total	
Part-I									
21ULCEN301	Advanced English & Correspondence	2	1	-	3	40	60	100	3
Part-I Total		2	1	0	3	40	60	100	3
Part-II									
21BITCC301	Core 6: Operating System (F)	4	-	-	3	30	70	100	4
21BITCC302	Core 7: Relational Database Management (F)	4	-	-	3	30	70	100	4
21BITCC303	Core 8: Object Oriented Programming with C++ (AD)	4	-	-	3	30	70	100	4
	DSE 1:	3	-	2	3	60	40	100	4
21BITCC304	Core Practical 5: Oracle & Unix/Linux Practical (F)	-	-	4	3	40	60	100	2
21BITCC305	Core Practical 6: C++ Practical (AD)	-	-	4	3	40	60	100	2
	Core Enrichment 1: Concept to Practice Course	-	1	-	-	20^	-	20^	-
21BITCR301	Core Enrichment 2: Internship I	-	-	-	-	100	-	100	1
Part-II Total		15	1	10	18	340	380	720	21
Part-III: Ability Enhancement Courses									





**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion 1

CA

KI 1.3

M 1.3.3

Enclosure- BMB_IV_A

Atmiya University

Faculty of Science

Department of Microbiology

B.Sc. Microbiology

Scheme of Learning and Evaluation

***w.e.f.* A.Y. 2021-22**





**ATMIYA UNIVERSITY, RAJKOT
Faculty of Science-B.Sc. Microbiology
Scheme of Learning and Evaluation**

Semester – V									
Course Code	Course	Contact Hrs/wk			SEE Duration hrs	Maximum Marks			Credits
		T	T u	P		CIA	SEE	Total	
Part –II									
21BMBCC501	Core 13: Industrial Micro (Ap)	4	-	-	3	50	50	100	4
21BMBCC502	Core 14: Agriculture and Veterinary Microbiology (Ap)	4	-	-	3	50	50	100	4
21BMBCC503	Core 15: Molecular biology and Gene Manipulation Techniques (Ad)	4	-	-	3	40	60	100	4
21BMBCC504	Core Practical - 5- Microbial Techniques in Agriculture and Industrial Microbiology (Ap)	-	-	6#	-	50	50	100	3
21BMBCC505	Core 12 : Concept Recapitulation Test (CRT)	-	-	-	3	100	-	100	1
21BMBCL501/ 21BMBCL502	Core Elective 2: <1> Pharmaceutical Microbiology <2> Quality Assurance and Quality Control (Ap)	4	-	2	3	40	60	100	5
21BMBTD501	TDE 2:	2	-	-	3	100	-	100	2
21BMBCR501	Core Enrichment 3: Internship/Training/ Industrial Visit	-	-	-	-	100	-	100	1
21BMBCR502	Core Enrichment 4: Minor Project/Dissertation/ Review Article/ Instrumental Training	-	-	2	-	100	-	100	4
Part-II Total		18	-	10		630	270	900	28
Part-III: Ability Enhancement Courses									
	FS 3: Career Acceleration Program	-	2	-		Evaluation by Remarks			MNC
Part-III Total		0	2	-		0	0	0	
Total (Part-II to Part-III)		18	2	10	-	630	270	900	28
		30				900			





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1

AISHE: U-0967

Criterion 1

CA

KI 1.3

M 1.3.3

snip Enclosure-BTCIII

Atmiya University
Faculty of Engineering and Technology
Department of Civil Engineering

B.Tech. Civil Engineering
Scheme of Learning and Evaluation
w.e.f. A.Y. 2021-22





**ATMIYA UNIVERSITY
Faculty of Engineering & Technology
Department of Civil Engineering
B.Tech. Civil Engineering**

SCHEME OF LEARNING AND EVALUATION

For the students admitted from A.Y. 2021-2022 & onwards

Semester V									
Course Code	Course	Contact Hrs/ week			SEE Durati on (Hours)	Maximum Marks			Cred its
		T	Tu	P		CI A	SE E	TOT AL	
Part-II									
		T	Tu	P					
21BTCICC501	Core 12: Hydrology and Water Resources Engineering (Ad)	3	2	-	3	40	60	100	4
21BTCICC502	Core 13: Pavement Design and Maintenance (Ad)	4	-	-	3	40	60	100	3
21BTCICC503	Core 14: Environment Engineering (Ad)	2	-	-	3	40	60	100	2
21BTCICC504	Core 15: Building Planning & Regulation (Ap)	2	2	-	3	40	60	100	3
21BTCICL501/ 21BTCICL502/ 21BTCICL503	Core Elective 1: <1> Repair and Rehabilitation of Structures <2> Foundation Engineering <3> Advanced Structural Analysis (Ap)	3	-	-	3	40	60	100	3
	DSE 1:	5	-	-	3	30	70	100	4
21BTCICC508	Core Practical 4: Environment Engineering (Ad)	-	-	2	3	40	60	100	1
	Core Enrichment 1: Concept to Practice	-	1	-	-	-	-	-	-
21BTCICR501	Core Enrichment 2: Internship 1	-	-	-	-	100	-	100	1
	Part-II Total	15	5	6		370	430	800	
Part-III: Ability Enhancement Courses									
	FS 3: Career Acceleration Program	2*	-	-	-	Cumulative evaluation at the end of Semester VII			-
	Total (Part-II)	2*	0	0		0	0	0	0
	Total (Part-II to III)	15+ 2*	5	6		370	430	800	21



 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion 1	CA
	KI 1.3	M 1.3.3

Enclosure – IIIB (MBA)

Atmiya University
Faculty of Business and Commerce
Department of Management

Master of Business Administration (MBA)

Scheme of Learning and Evaluation

w.e.f. **A. Y. 2021-22**





**ATMIYA UNIVERSITY
Faculty of Business & Commerce**

**Department of Management
Masters of Business Administration**

**SCHEME OF LEARNING AND EVALUATION
For the students admitted from A.Y. 2021-2022 & onwards**

Semester III									
Course Code	Course	Contact Hrs/ week			SEE Duration (Hours)	Maximum Marks			Credits
		I	Tu	Pr		CIA	SEE	Total	
Part-I:									
21MBACC301	Core 13: (F) Business Law	4	-	-	3	40	60	100	4
21MBACC302	Core 14: (Ad) Dynamic Skills at Work	4	-	-	3	40	60	100	4
21MBACC303	Core Practical I: Summer Internship Project	-	-	-	-	-	100	100	8
22MBADC301 / 21MBADC304 / 21MBADC307 / 21MBADC310 / 21MBADC313	DSE Core – 01: (Ad) International Trade Environment / Management of Financial Services / Consumer Insights & Trends / Change Management and Organizational Development / Business Strategies & Policies for Corporate Entrepreneurship	4	-	-	3	40	60	100	4
22MBADC302 / 21MBADC305 / 21MBADC308 / 21MBADC311 / 21MBADC314	DSE Core – 02: (Ad) Finance of International Trade / Investment Analysis and Portfolio Management / Integrated Marketing Communication / Employee Relations & Labor Law / Entrepreneurial Skills & Competencies for Business Management	4	-	-	3	40	60	100	4
22MBADC303 / 21MBADC306 /	DSE Core – 03: (Ad) Export - Import	4	-	-	3	40	60	100	4

