

# ATMIYA UNIVERSITY, RAJKOT

## Board of Studies

### Faculty of Science

### Department of Chemistry

### BoS Members List

Date: 09/05/2019

Time: 10:15 AM – 1:00 PM

Venue: Makers Space Room – Ground Floor - Library & Learning Center – MAIN Building

#### BoS Members

Sr.No.	Name	Membership	Present/Absent
1.	Dr. Pankajkumar B. Nariya	Chairperson	Present
2.	Dr. KartikD. Ladva	Provost Nominee	Present
3.	Prof. Anamik K. Shah	Member-Academic	Absent
4.	Prof. Atul H. Bapodara	Member-Academic	Present
5.	Dr. Yvonne J. Fernandes	Member-Academic	Absent
6.	Dr. Naval P. Kapuriya	Member-Academic	Present
7.	Dr. Ajay C. Pandya	Member-Industry	Present
8.	Mr. Punit Rasadiya	Member-Industry	Absent
9.	Dr. Kalpesh Menpara	Member-Alumni	Present
10.	Dr. Milan S. Vadodariya	Invited Member (GIA)	Present
11.	Dr. Satishkumar D. Tala	Member	Present
12.	Dr. Anilkumar S. Patel	Member	Present
13.	Dr. Pratik A. Ambasana	Member	Present
14.	Dr. Devendra J. Kaneriya	Member	Present
15.	Dr. Suresh B. Koradiya	Member	Present
16.	Dr. Archana Y. Cholera	Member	Present



## **AGENDA:**

Resolutions are required from all the members of 2<sup>nd</sup>Boards of Studies on the following:

1. The resolution passed in BoS Circulation-1 dated 18<sup>th</sup> December 2018.
2. Syllabi for following programmes
  - a. UG Programme (3<sup>rd</sup> -6<sup>th</sup> Semesters)
  - b. PG Programme (3<sup>rd</sup> -4<sup>th</sup> Semesters-OBE)
3. DSE - Allied Courses (being offered to Physics Department in B.Sc. 4<sup>th</sup> Semester)
4. Syllabi for Generic Elective courses for UG and PG programmes for student admitted from A.Y.2018-19 onwards
  - a. Syllabi of Generic Elective for UG
    - GE-I: Chemistry in Everyday life (for B.Sc. 5th Semester)
    - GE-II: Chemical Hazards & Safety (for B.Sc. 6th Semester)
  - b. Syllabi of Generic Elective for PG
5. Scheme of instruction and Examination for M.Phil./Ph.D. Chemistry Program.
6. Syllabi of Courses of M.Phil. and Course work for Ph.D. Program in Chemistry for student admitted from A.Y.2018-19 onwards
  - a. M.Phil. Program
  - b. Ph.D. Program
7. List of New Courses framed
8. Any other agenda with permission of the Chair



### Minutes of Meeting:

The BoS in Department of Chemistry met as indicated above, and discussed on the aforementioned Agenda. Sharing the expertise of all the members and with very proactive inputs, the members unanimously resolved the following for students admitted from **AY 2018-2019 & onwards:**

1. All BoS Members have recommended the resolution passed in BoS Circulation-1 dated 18<sup>th</sup> December 2018, for approval in the Academic council.
2. The Syllabi **framed** for the courses of the below stated programmes:
  - a. UG Programmes (**3<sup>rd</sup> -6<sup>th</sup> Semesters**) **Enclosure-I (A)**
  - b. PG Programmes (**3<sup>rd</sup> -4<sup>th</sup> Semesters-OBE**) **Enclosure-I (B)**
3. The syllabi **framed** for the below stated **DSE - Allied courses of 4<sup>th</sup> semesters** as indicated. **Enclosure-II**

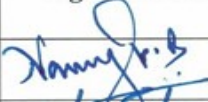
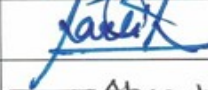


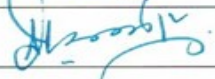






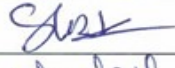

Sr. No.	Course	Hrs. of Course/ Week	Credit	Offered to	Semester
1	Chemistry-II	4	3	B.Sc. Physics	IV
2	Chemistry-II Practical	3	1	B.Sc. Physics	IV

4. Syllabi, Guidelines and Evaluation Norms **framed** for Generic Elective courses for UG and PG programmes for student admitted from A.Y.2018-19 onwards
  - a. Syllabi of Generic Elective for UG **Enclosure-III(A)**
    - GE-I: Chemistry in Everyday life (B.Sc. Semester V )
    - GE-II: Chemical Hazards & Safety (B.Sc. Semester VI)
  - b. Syllabi of Generic Elective for PG **Enclosure-III(B)**
    - GE-I: Molecular Spectroscopy (M.Sc. Chemistry)
5. The Scheme of Instruction and Examination framed for M.Phil./Ph.D. Chemistry Program.
  - a. M.Phil. Program **Enclosure-IV(A)**
  - b. Ph.D. Program **Enclosure-IV(B)**
6. The Syllabi framed for courses of M.Phil. and Course work for Ph.D. Program in Chemistry for student admitted from A.Y.2018-19 onwards
  - a. M.Phil. Program **Enclosure-V(A)**
  - b. Ph.D. Program **Enclosure-V(B)**
7. The members **unanimously resolved** to **authorize** the Chairperson of the BoS to finalize on the List of Paper Setters and Examiners for courses of **UG and PG** **Enclosure-VI**



8. Total New Courses framed vide above agenda points are 59. (Enclosure VII)

**Attendance**

Sr. No.	Name	Membership	Signature with Date
1.	Dr. Pankajkumar B. Nariya	Chairperson	
2.	Dr. Kartik D. Ladva	Provost Nominee	
3.	Prof. Anamik K. Shah	Member-Academic	— Absent —
4.	Prof. Atul H. Bapodara	Member-Academic	
5.	Dr. Yvonne J. Fernandes	Member-Academic	— Absent —
6.	Dr. Naval P. Kapuriya	Member-Academic	
7.	Dr. Ajay C. Pandya	Member-Industry	
8.	Mr. Punit Rasadiya	Member-Industry	— Absent —
9.	Dr. Kalpesh Menpara	Member-Alumni	
10.	Dr. Milan S. Vadodariya	Invited Member (GIA)	
11.	Dr. Satishkumar D. Tala	Member	
12.	Dr. Anilkumar S. Patel	Member	
13.	Dr. Pratik A. Ambasana	Member	
14.	Dr. Devendra J. Kaneriya	Member	
15.	Dr. Suresh B. Koradiya	Member	
16.	Dr. Archana Y. Cholera	Member	



**Registrar**  
**Atmiya University**  
**Rajkot**

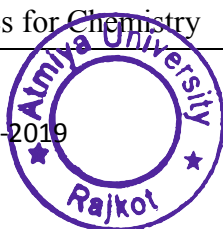


## List of New Courses framed

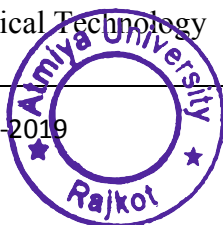
Sr.	Program Name	Course Name	Course Code	Year of Introduction
1	B.Sc. Chemistry	Core 11: Spectroscopy & Separation Technique -I	18BCHCC501	2020-2021
2	B.Sc. Chemistry	Core 12: Polymer Chemistry	18BCHCC502	2020-2021
3	B.Sc. Chemistry	Core 13: Industrial Formulations (Self Study)	18BCHCC503	2020-2021
4	B.Sc. Chemistry	Core Practical 11: Spectroscopy & Separation Technique -I Practical	18BCHCC504	2020-2021
5	B.Sc. Chemistry	Core Practical 12: Polymer Chemistry Practical	18BCHCC505	2020-2021
6	B.Sc. Chemistry	Core 14: Computer Based Test	18BCHCC506	2020-2021
7	B.Sc. Chemistry	DSE-Core 1: Green Methods in Chemistry	18BCHDC501	2020-2021
8	B.Sc. Chemistry	DSE-Core 1: Soil Analysis	18BCHDC502	2020-2021
9	B.Sc. Chemistry	DSE-Core Practical 1: Green Methods in Chemistry Practical	18BCHDC503	2020-2021
10	B.Sc. Chemistry	DSE-Core Practical 1: Soil Analysis Practical	18BCHDC504	2020-2021
11	B.Sc. Chemistry	Core 15: Spectroscopy & Separation Technique -II	18BCHCC601	2020-2021
12	B.Sc. Chemistry	Core 16: Heterocyclic Chemistry and Synthetic Drugs	18BCHCC602	2020-2021
13	B.Sc. Chemistry	Core 17: Chemistry of Natural Products	18BCHCC603	2020-2021
14	B.Sc. Chemistry	Core Practical 16: Heterocyclic Chemistry and Synthetic Drugs Practical	18BCHCC604	2020-2021
15	B.Sc. Chemistry	Core Practical 17: Chemistry of Natural Products Practical	18BCHCC605	2020-2021
16	B.Sc. Chemistry	Core 18: Group Project / Review Article / Industrial Training / Instrumental Training	18BCHCC606	2020-2021



Sr.	Program Name	Course Name	Course Code	Year of Introduction
17	B.Sc. Chemistry	DSE-Core 2: Unit Operation & Processes	18BCHDC601	2020-2021
18	B.Sc. Chemistry	DSE-Core 2: Surface Coating Techniques	18BCHDC602	2020-2021
19	B.Sc. Chemistry	DSE-Core Practical 2: Unit Operation & Processes Practical	18BCHDC603	2020-2021
20	B.Sc. Chemistry	DSE-Core Practical 2: Surface Coating Techniques Practical	18BCHDC604	2020-2021
21	All UG Programs	GE 1: Chemical Hazards and Safety	18BCHGE501	2020-2021
22	All UG Programs	GE 2: Chemistry in Everyday Life	18BCHGE601	2020-2021
23	B.Sc. Chemistry	Core 5: Inorganic Chemistry	18BCHCC301	2019-2020
24	B.Sc. Chemistry	Core 6: Analytical Chemistry	18BCHCC302	2019-2020
25	B.Sc. Chemistry	Core 7: Petroleum and Petrochemicals	18BCHCC303	2019-2020
26	B.Sc. Chemistry	Core Practical 5: Inorganic Chemistry Practical	18BCHCC304	2019-2020
27	B.Sc. Chemistry	Core Practical 6: Analytical Chemistry Practical	18BCHCC305	2019-2020
28	B.Sc. Chemistry	Core Practical 7: Petroleum Analysis Practical	18BCHCC306	2019-2020
29	B.Sc. Chemistry	DSE-Allied 3: Basic Mathematics for Chemistry	18BCHDA301	2019-2020
30	B.Sc. Chemistry	DSE-Allied Practical 3: Practical on Basic Mathematics for Chemistry	18BCHDA302	2019-2020
31	B.Sc. Chemistry	Core 8: Organic Chemistry	18BCHCC401	2019-2020
32	B.Sc. Chemistry	Core 9: Physical Chemistry	18BCHCC402	2019-2020
33	B.Sc. Chemistry	Core 10: Agrochemicals	18BCHCC403	2019-2020
34	B.Sc. Chemistry	Core Practical 8: Organic Chemistry Practical	18BCHCC404	2019-2020
35	B.Sc. Chemistry	Core Practical 9: Physical Chemistry Practical	18BCHCC405	2019-2020
36	B.Sc. Chemistry	DSE-Allied 4: Advanced Mathematics for Chemistry	18BCHDA401	2019-2020



Sr.	Program Name	Course Name	Course Code	Year of Introduction
37	B.Sc. Chemistry	DSE-Allied Practical 4: Practical on Advanced Mathematics for Chemistry	18BCHDA402	2019-2020
38	M.Sc. Chemistry	Core 9: Interpretative Molecular Spectroscopy (Self Study)	18MCHACC301/ 18MCHOCC301	2019-2020
39	M.Sc. Chemistry	Core 10: Analytical Method Development & Validation	18MCHACC302	2019-2020
40	M.Sc. Chemistry	Core 11: Industrial Formulations Development	18MCHACC303	2019-2020
41	M.Sc. Chemistry	Practical Core 10 & 11: Analytical Method Development & Validation & Industrial Formulations Dev.	18MCHACC304	2019-2020
42	M.Sc. Chemistry	DSE-Core 1: Chemistry of Food Analysis	18MCHADC301	2019-2020
43	M.Sc. Chemistry	DSE-Core 1: Instrumental Methods of Analysis	18MCHADC302	2019-2020
44	M.Sc. Chemistry	DSE-Core Practical 1: Chemistry of Food Analysis Practical	18MCHADC303	2019-2020
45	M.Sc. Chemistry	DSE-Core Practical 1: Instrumental Methods of Analysis Practical	18MCHADC304	2019-2020
46	M.Sc. Chemistry	Core 10: Heterocyclic Chemistry	18MCHOCC302	2019-2020
47	M.Sc. Chemistry	Core 11: Organic Synthesis: A Disconnection Approach	18MCHOCC303	2019-2020
48	M.Sc. Chemistry	Practical Core 10 & 11: Heterocyclic Chemistry & Organic Synthesis Practical	18MCHOCC304	2019-2020
49	M.Sc. Chemistry	DSE-Core 1: Medicinal Chemistry	18MCHODC301	2019-2020
50	M.Sc. Chemistry	DSE-Core 1: Pharmaceutical Technology	18MCHODC302	2019-2020
51	M.Sc. Chemistry	DSE-Core Practical 1: Medicinal Chemistry Practical	18MCHODC303	2019-2020
52	M.Sc. Chemistry	DSE-Core 1 Practical: Pharmaceutical Technology Practical	18MCHODC304	2019-2020



Sr.	Program Name	Course Name	Course Code	Year of Introduction
53	M.Sc. Chemistry	Core 12: Project/Internship/Skill Training/Advance Practical	18MCHACC401/ 18MCHOCC401	2019-2020
54	M.Sc. Chemistry	Core 13: Chemistry of Natural Products	18MCHACC402/ 18MCHOCC402	2019-2020
55	M.Sc. Chemistry	Core 14: Regulatory Affairs	18MCHACC403	2019-2020
56	M.Sc. Chemistry	CEC 2: Online / Professional Certification Courses / Short Term Course	18MCHCE02	2019-2020
57	M.Sc. Chemistry	Core 14: Chemistry of Synthetic Drugs	18MCHOCC403	2019-2020
58	All UG Programs	SEC-II: CoC -Quantitative Aptitude & Logical Reasoning for Government & Bank Exams	18AECO014	2019-2020
59	All PG Programs	GE 1: Molecular Spectroscopy	18MCHGE301	2019-2020



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