

GOA UNIVERSITY  
Taleigao Plateau, Goa 403 206

**REVISED MINUTES**

of the 9<sup>th</sup> Special Meeting of the

**X ACADEMIC COUNCIL**

**Day & Date**

**Saturday, 30<sup>th</sup> July, 2022**

**Time**

**10.00 a.m.**

**Council Hall  
Goa University**

	<p>meeting held on 22.04.2022 with the following suggestions:</p> <ol style="list-style-type: none"> <li>1. The Course Codes for the PG Programme to be revised/changed.</li> <li>2. The Chairperson, Board of Studies was requested to indicate the number of hours unit wise for the courses in the syllabus.</li> </ol> <p style="text-align: center;"><b>(Action: Assistant Registrar Academic – PG)</b></p>
<b>D 3.11</b>	<p><b>Minutes of the Board of Studies in Political Science meeting held on 25.04.2022.</b></p> <p>The Academic Council approved the minutes of the Board of Studies in Political Science meeting held on 25.04.2022 with the following suggestions:</p> <ol style="list-style-type: none"> <li>1. The Course Codes for the PG Programme to be revised/changed.</li> <li>2. The Chairperson, Board of Studies was requested to rework the number of hours in the proposed syllabus.</li> <li>3. Course Code PSDSOC205 Politics in the Developing World, to be corrected.</li> </ol> <p style="text-align: center;"><b>(Action: Assistant Registrar Academic – PG)</b></p>
<b>D 3.12</b>	<p><b>Minutes of the Board of Studies in Philosophy in the School of Sanskrit, Philosophy and Indic Studies (SSPIS) meeting held on 29.04.2022.</b></p> <p>The Academic Council approved the minutes of the Board of Studies in Philosophy in the School of Sanskrit, Philosophy and Indic Studies (SSPIS) meeting held on 29.04.2022 with the suggestion to revise/change the Course Codes for the PG Programme.</p> <p style="text-align: center;"><b>(Action: Assistant Registrar Academic – PG)</b></p>
<b>D 3.13</b>	<p><b>Minutes of the Board of Studies in Library and Information Science meeting held on 16.05.2022 and 30.05.2022.</b></p> <p>The Academic Council deferred the minutes of the Board of Studies in Library and Information Science meeting held on 16.05.2022 and 30.05.2022.</p> <p style="text-align: center;"><b>(Action: Assistant Registrar Academic – PG)</b></p>
<b>D 3.14</b>	<p><b>Minutes of the Board of Studies in Commerce UG meeting held on 19.04.2022.</b> (Item withdrawn)</p> <p style="text-align: center;"><b>(Action: Assistant Registrar Academic – PG)</b></p>
<b>D 3.15</b>	<p><b>Minutes of the Board of Studies in International Studies meeting held on 22.04.2022.</b></p> <p>The Academic Council approved the minutes of the Board of Studies in International Studies meeting held on 22.04.2022 with the following suggestions:</p> <ol style="list-style-type: none"> <li>1. Prerequisites for the courses to be made as 'Graduate in any discipline'.</li> <li>2. The Course Codes for the PG Programme to be revised/changed.</li> </ol> <p style="text-align: center;"><b>(Action: Assistant Registrar Academic – PG)</b></p>
<b>D 3.16</b>	<p><b>Minutes of the Board of Studies in English meeting held on 25.04.2022.</b></p> <p>The Academic Council approved the minutes of the Board of Studies in English meeting held on 25.04.2022 with the following suggestions:</p> <ol style="list-style-type: none"> <li>1. The Course Codes for the PG programmes to be revised/changed.</li> <li>2. The proposed syllabus/structure for Semester III and Semester IV was deferred by the house.</li> </ol> <p style="text-align: center;"><b>(Action: Assistant Registrar Academic – PG)</b></p>
<b>D 3.17</b>	<p><b>Minutes of the Board of Studies in Chemistry PG meeting held on 26.04.2022.</b></p>

	<p>The Academic Council approved the minutes of the Board of Studies in Chemistry PG meeting held on 26.04.2022 with the following suggestions:</p> <ol style="list-style-type: none"> <li>1. The Course Codes for the PG Programme to be revised/changed.</li> <li>2. The Chairperson, Board of Studies was requested to clearly specify the number of hours in some courses.</li> <li>3. Repetition of content which is taught in lower levels such as HSSC and Graduation level may be categorised as bridge course and shall not be repeated in the Core/elective Courses at the PG level.</li> </ol> <p style="text-align: center;"><b>(Action: Assistant Registrar Academic – PG)</b></p>
<b>D 3.18</b>	<p><b>Minutes of the Board of Studies in Psychology meeting held on 20.04.2022.</b></p> <p>The Academic Council approved the minutes of the Board of Studies in Psychology meeting held on 20.04.2022 with the suggestion to revise/change the Course Codes for the Programme.</p> <p style="text-align: center;"><b>(Action: Assistant Registrar Academic – PG)</b></p>
<b>D 3.19</b>	<p><b>Minutes of the Board of Studies in Social Work meeting held on 28.04.2022.</b></p> <p>The Academic Council approved the minutes of the Board of Studies in Social Work meeting held on 28.04.2022 with the following suggestions:</p> <ol style="list-style-type: none"> <li>1. There should be a choice of at least two Discipline Specific Elective Courses in each of the Semesters I and II.</li> <li>2. The University Librarian was requested to review the reference list/readings/books recommended by the Chairperson, Board of Studies.</li> <li>3. The heading/titles mentioned in the Course to be corrected.</li> <li>4. The Course Codes for the PG Programme to be revised/changed.</li> <li>5. The Chairperson, Board of Studies was requested to resubmit the syllabus incorporating the suggestions.</li> </ol> <p>The Vice-Chancellor was authorized to approve the Syllabus on behalf of the Academic Council.</p> <p style="text-align: center;"><b>(Action: Assistant Registrar Academic – PG)</b></p>
<b>D 3.20</b>	<p><b>Minutes of the Board of Studies in Women’s Studies meeting held on 21.04.2022.</b></p> <p>The Academic Council approved the minutes of the Board of Studies in Women’s Studies meeting held on 21.04.2022 with the following suggestions:</p> <ol style="list-style-type: none"> <li>1. Minimum two optional courses to be offered in a semester.</li> <li>2. The Course Codes for the PG Programmes to be revised/changed.</li> <li>3. The Chairperson, Board of Studies was requested to resubmit the syllabus incorporating the suggestions. The Vice-Chancellor was authorized to approve the same on behalf of the Academic Council.</li> <li>4. The proposed syllabus/structure for Semester III and Semester IV was deferred by the House.</li> </ol> <p style="text-align: center;"><b>(Action: Assistant Registrar Academic – PG)</b></p>
<b>D 3.21</b>	<p><b>Minutes of the Board of Studies in French and Francophone Studies meeting held on 22.04.2022.</b></p> <p>The Academic Council approved the minutes of the Board of Studies in French and</p>

**GOA UNIVERSITY**  
**Taleigao Plateau, Goa 403 206**

**FINAL UPDATED AGENDA**

**For the 9<sup>th</sup> Special Meeting of the**

**X ACADEMIC COUNCIL**

**Day & Date**

**30<sup>th</sup> July, 2022**

**Time**

**10.00 a.m.**

**Venue**  
**Conference Hall**  
**Administration Block**

NIL

**Part D**

- i. Recommendations regarding general academic requirements in the Departments of University or affiliated colleges: NIL
- ii. Recommendations of the Academic Audit Committee and status thereof: NIL

**Part E.**

- i. Recommendations of the text books for the course of study at undergraduate level: NIL
- ii. Recommendations of the text books for the course of study at post graduate level. NIL

**Part F.**Important points for consideration/approval of Academic Council

- i. The important points/recommendations of BoS that require consideration/approval of Academic Council (points to be highlighted) as mentioned below. NIL
- ii. The declaration by the Chairperson that the minutes were readout by the Chairperson at the meeting itself.

Date: 25.04.2022

Place: Goa University

Sd/-

Signature of the Chairperson

**Part G. The Remarks of the Dean of the Faculty**

- i. The minutes are in order.
- ii. The minutes may be placed before the Academic Council with remarks if any.
- iii. May be recommended for approval of Academic Council.
- iv. Special remarks if any

Date: 25.04.2022

Place: Goa University

Sd/-

Signature of the Dean

[\(Back to Index\)](#)**D 3.17****Minutes of the Board of Studies in Chemistry PG meeting held on 26.04.2022.****Part A.**

- i. Recommendations regarding courses of study in the subject or group of subjects at the undergraduate level: NIL
- ii. Recommendations regarding courses of study in the subject or group of subjects at the postgraduate level: (Detailed minutes of the BOS meeting may please be seen).
- 1. To discuss the revision of semester I & II syllabus of all four branches of M.Sc. Chemistry program

After due deliberations and incorporating the suggestions made by the members, the BOS unanimously resolved to approve the draft syllabus of semester I and II of all four branches (Organic, Inorganic, Physical and Analytical) of M.Sc. Chemistry program

based on NEP. The approved syllabus of SEM. I & II of all four branches of M.Sc. Chemistry program is attached as [Annexure I](#) (refer page no.504)

Part B

- i. Scheme of Examination at undergraduate level: NIL
- ii. Panel of examiners for different examinations at the undergraduate level: NIL
- iii. Scheme of Examinations at Postgraduate level: NIL
- iv. Panel of examiners for different examinations at post-graduate level: NIL

Part C.

- i. Recommendations regarding preparation and publication of selection of reading material in the subject or group of subjects and the names of the persons recommended for appointment to make the selection: NIL

Part D

- i. Recommendations regarding general academic requirements in the Departments of University or affiliated colleges: NIL
- ii. Recommendations of the Academic Audit Committee and status thereof: NIL

Part E.

- i. Recommendations of the text books for the course of study at undergraduate level. NIL
- ii. Recommendations of the text books for the course of study at post graduate level: NIL

Part F.

Important points for consideration/approval of Academic Council

- i. The important points/recommendations of BoS that require consideration/approval of Academic Council as mentioned below.
  - a) PART –A (ii)
- ii. The declaration by the Chairperson:  
Hereby, it is declared that the minutes were readout by the Chairperson at the meeting itself.

Date: 26.04.2022

Place: Taleigao Plateau

Sd/-

Prof. V. M. S. Verenkar  
Signature of the Chairperson

Part G. The Remarks of the Dean of the Faculty

- i. The minutes are in order
- ii. The following important points/recommendation of BOs may be considered /approved by the Academic Council.

**Attention of the Academic Council is drawn to item Nos. PART-A (ii)**

- iii. May be recommended for approval of Academic Council.
- iv. Special remarks if any: Nil

**D 3.17 Minutes of the Board of Studies in Chemistry PG meeting held on 26.04.2022.**
**Annexure I**

Programme: **M.Sc. Part-I (Chemistry)**

Course Code: **ACC-411**

Title of the course: **Techniques in Analytical Chemistry - I**

Number of Credits: **04**

Total Hours: **60**

Effective from AY: **2022-23**

<i>Prerequisites for the course:</i>	Students should have studied chemistry courses at graduate level or must have cleared change of discipline entrance test conducted by Goa University.	
<i>Course Objective:</i>	1. Learning various methods of data handling in analysis. 2. Understanding the significance of sampling and calibration techniques. 3. Understanding principles and applications of various types of techniques in 4. Training the students to deduce structures based on IR, NMR, MS combined data.	
<i>Course Outcome:</i>	1. Students will be able to analyse the role of statistical tools for determination of error and organised data management for systematic interpretation. 2. Student will be able to apply the sampling and calibration methods for obtaining reliable results. 3. Students will be able to understand basic principles and scope of different methods of Analysis 4. Students will be able to solve problems based on IR, NMR, MS combined spectral data.	
<i>Content</i>		<i>Hrs</i>
<b>1. Analytical Objectives and Data Handling</b> Scope of analytical science and its literature, qualitative and quantitative analysis, ways to express accuracy and precision, types of errors and their causes; significant figures, control charts, confidence limit, test of significance, rejection of a result- the Q-test. Introduction to significant analytical procedure such as Good Laboratory Practices, Standard Operating Procedures, Quality Assurance and Quality Control.		5
<b>2. Sampling and Calibration Techniques</b> Sampling and sample preparation, general steps in chemical analysis, calibration of glass wares. Finding the best straight line-least square regression, correlation coefficient; Calibration curves, standard addition technique and internal standards. Chemical concentrations.		5
<b>3. Classical methods of Analysis</b> Gravimetry and Titrimetric methods, Principle, methodology, Advantages & Disadvantages over instrumental methods. Conditions for identifying a given reaction as method of Analysis, Classification of reactions in titrimetric analysis (Acid-Base, redox, complexometric and precipitation), Standard solutions and their preparation. Selection of Visual Indicators in titrimetric Analysis		6
<b>4. Introduction to Electroanalytical techniques</b> Introduction to electrochemical cell, electrode potential, Classification of electroanalytical techniques, working principles, and their applications		4
<b>5. Introduction to Thermoanalytical techniques</b>		5

	<ol style="list-style-type: none"><li>2. Understand literary narratives from the lens of disability and the ways in which it constructs the identity of the disabled subject.</li><li>3. Familiarization with the area of Disability Studies for future interdisciplinary research.</li></ol>
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