



# VIVEKANANDA GLOBAL UNIVERSITY, JAIPUR

(Established by Act 11/2012 of Rajasthan Govt. Covered u/s 2(f) of UGC Act, 1956)

Recognised by UGC, Council of Architecture (COA), Bar Council of India (BCI), Pharmacy Council of India (PCI) and All India Council for Technical Education (AICTE) for constituent college (Provisional Member of AIU)

VGU/2019-20/ 3397

Date: 09/06/2020

## NOTICE

### Minutes of Meeting of Board of Studies

#### Department of Chemistry

A meeting of Board of Studies - Department of Chemistry, was held on June 5, 2020 at 11:00A.M. Following members were present during the meeting –

1. Dr.Kamini Sharma HOD, Department of Chemistry, Vivekananda Global University, Jaipur - Rajasthan Convener & Member Secretary
2. Dr. Anil Kumar Varshney Retd. Professor, Department of Chemistry, University of Rajasthan Jaipur- Rajasthan External Member
3. 3. Dr.Nighat Fahmi Associate Professor, Department of Chemistry, University of Rajasthan Jaipur- Rajasthan External Member
4. Dr. Rupali Shrivastava Asso. Provost, Vivekananda Global University, Jaipur- Rajasthan Internal Member
5. Dr.Ritu Pathak Associate Professor, Department of Chemistry, Vivekananda Global University, Jaipur –Rajasthan Internal Member

Convener delighted to welcome all the members and briefed the members about the agenda of meeting. Following decisions were taken:

1. In view of letter F.No. 1-8/2017(SWAYAM Board) dated, 19 May 2020 revised from Hon'ble Secretary UGC the courses available on SWAYAM portal was discussed in the meeting.  
A recommendation was made to implement following SWAYAM Courses in odd semester of different programmes from session 2020-21.

Following courses selected as SWAYAM Courses

- i. BSc and BSc (H) (I Sem) Ecology and Environment
- ii. B.Sc& BSc (H) (III Sem) Business Ethics
- iii. B.Sc& BSc (H) (V Sem) Developing Soft Skills and Personality
- iv. MSc (Chemistry) (I Sem) Application of Spectroscopic Techniques
- v. MSc (Chemistry) (III Sem) Methods/Introduction to Research



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2. Review of Scheme and Syllabus of BSc, BSc(H) Chemistry and MSc Chemistry programme was done looking towards industry requirement, Research and NAAC.

Suggested changes in syllabi of following courses are-

**(A) B.Sc.**

I Semester –

Fundamental Chemistry (CHY 108)

II Semester-

(i) Physical & Organic Chemistry (CHY1 11)

(ii) Physical & Organic Chemistry lab (CHY112)

III Semester

Electrochemistry and Organic Chemistry (CHY114)

IV Semester Kinetics & Inorganic Chemistry (CHY 117)

V Semester-

(i) Analytical methods in Chemistry (CHY120)

(ii) Analytical methods in Chemistry Lab. (CHY124)

(iii) Chemistry of Representative Elements (CHY 121)

(iv) Quantum and Photochemistry (CHY122)

(v) Quantum and Photochemistry lab. (CHY126)

VI Semester-

(i) Physical & Organic Spectroscopy (CHY 129)

(ii) Physical & Organic Spectroscopy lab. (CHY 133)

**B) BSc (H) Chemistry**

I Semester

Inorganic Chemistry-I (CHY 138)

III Semester

Inorganic Chemistry II (CHY 146)



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## V Semester-

- (i) Analytical methods in Chemistry (CHY120)
- (ii) Analytical methods in Chemistry lab (CHY124)
- (iii) Chemistry of Representative Elements (CHY 121)
- (iv) Quantum and Photochemistry (CHY122)
- (v) Quantum and Photochemistry lab (CHY126)

## VI Semester

- (i) Physical & Organic Spectroscopy (CHY 129)
- (ii) Physical & Organic Spectroscopy lab. (CHY 133)

## (C) MSc Chemistry

### I Semester-

- (i) Advanced Inorganic Chemistry-I (CHY166)
- (ii) Advanced Organic Chemistry-I (CHY167)
- (iii) Advanced Physical Chemistry-I (CHY 168)
- (iv) Chemistry Practical-I (CHY 170)
- (v) Computer for Chemist (CHY 205)

### II Semester-

- (i) Advanced Inorganic Chemistry-II (CHY171)
- (ii) Advanced Organic Chemistry-II (CHY 172)
- (iii) Advanced Physical Chemistry-II (CHY 173)
- (iv) Biology for Chemist/Mathematics for Chemist (CHY 176/177)
- (v) Applied Chemistry Lab (CHY 174)

### III Semester-

- (i) Advanced Inorganic Chemistry-III (CHY 178)
- (ii) Advanced Chemistry Lab-I (CHY 181)
- (iii) Chemistry Practical-III (CHY 182)

## 3. Discipline Specific Elective -

- (i) Industrial Chemicals and Environment -BSc. and BSc.(H) Chemistry.
- (ii) Green and Sustainable Chemistry (CHY 176)- MSc Chemistry
- (iii) Glasses, Ceramics, Composite & Nanomaterials (CHY 177)- MSc Chemistry

4. Paper setter panel of BSc., BSc.(H) Chemistry, MSc Chemistry for odd semester 2019-20 was reviewed and recommended for approval of BOF.

5. Four value added courses approved (1) Chemistry and Forensic Science, (2) Green Technology, (3) Bio- industries (4) Material Chemistry



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6. The members suggested to motivate students to opt for related Swayam Courses and weight-age of an assignment submitted there will be one of the eighth components of internal marks.

Thereafter, the meeting ended with Vote of Thanks to the Chair. After necessary modifications as discussed, the final Scheme and syllabus will be placed before the Board of Faculty- Basic and Applied Sciences for approval

  
(Dr. Kamini Sharma)  
Convener

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