

DEPARTMENT OF CHEMISTRY
TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar-799022
West Tripura, India



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No.F.1/TU/CHEM/BGPS/10

Date: 18.05.2015

NOTICE

15th BPGS Meeting will be held on 1st June, 2015 at 11.00 AM in the Department of Chemistry, Tripura University to discuss the following agenda.

Let's 18-05-15
(Prof. R.K.Nath)
Convener
BPGS, in Chemistry
Dept. of Chemistry, T.U.

Agenda for the meeting

1. Syllabus for CBCS system (M.Sc.) *Now by U.U.*
2. RAC for Research Scholars
3. Miscellaneous.

To

1. Prof. S. Sinha, Dean Faculty of Science, Tripura University
2. Prof. B. K. De, HOD, Physics, TU,
3. Prof. M. K. Singh, Dept. of Chemistry T.U.
4. Prof. D. Sinha, Dept. of Chemistry,
5. Dr. R. N. Dutta Purkayastha, Dept. of Chemistry, T.U
6. Dr. S. Majumdar, Dept. of Chemistry, T.U
7. Dr. U. C. De, Dept. of Chemistry, T.U
8. Dr. S. Chowdhury, Dept. of Chemistry, T.U
9. Prof. S. Bhattacharya, Dept. of Chemistry, Jadavpur University, Kolkata
10. Prof. A. Basak, Dept. of Chemistry, IIT Kharagpur, Kharagpur
11. Prof. K. Ismail, Dept. of Chemistry, North Eastern Hill University, Shillong

Copy to: 1. Dr. B.C.Sinha, Controller of Examination, Tripura University
2. P.S. to Vice-Chancellor, Tripura University, for kind information.

515 BPHS meeting held on 01.06.2015. at 11.00 pm.

Members Present:

1. Prof. S. Srinivas
2. Prof. B. K. De
3. Prof. K. S. Smit, IIT Bombay
4. Prof. M. K. Saha
5. Prof. D. Srinivas
6. Dr. A. N. Subramanian
7. Dr. S. Majumdar
8. Dr. U. C. De
9. Dr. S. Choudhary.

Resolution: Provision of the BPHS meeting dt. 30.03.2015 was read and confirmed.

Resolution adopted in the meeting are as follows:

Agenda - 1 M.Sc. (Chemistry) syllabus for the I Semester under CBCS system were framed and

approved. Following are the approved courses:

- (1) 701C - Inorganic Chemistry - 4 credit
- (2) 702C - Organic Chemistry - 2 credit
- (3) 703C - Physical Chemistry - 2 credit
- (4) 704C - Chemistry Practical - I: 4 credit

Further, the syllabi of the following Physical Chemistry courses for the 2nd, 3rd and 4th Semesters (Core as well as Elective) were framed and approved:

- (1) 803C - 2 credit
- (2) 903C - 4 credit (4 credit)
- (3) 1003C - 2 credit
- (4) 811E - 2 credit
- (5) 812E - 2 credit
- (6) 813E - 2 credit
- (7) 911E - 2 credit
- (8) 912E - 2 credit

continued/-

- (9) 913E - 2 credit
- (10) 1012E - 2 credit
- (11) 1013E - 2 credit
- (12) 1014E - 2 credit

The syllabi for the following Organic Chemistry courses for the 2nd Semester (Core and Elective) were also framed and approved:

- (1) 802C - 4 credit
- (2) 808E - 2 credit
- (3) 809E - 2 credit
- (4) 810E - 2 credit

Agenda - 2 (Research Advisers Committee)
 RAC for the following students submitted by the respective Supervisors, ~~at~~ ~~was~~ ~~dis~~ ~~approved~~ and approved

Sl. No.	Name of the Student	Supervisor
1.	Sankar Bhattacharya -	Dr. U. C. De
2.	Mineral Islam -	Dr. S. Debbari (Supervisor)
3.	TANUSHA ^{Deb} Deb Deb -	Dr. S. Debbari
4.	Nandita Das -	Dr. R. N. Dasgupta
5.	Sanjay Sarker -	Dr. R. N. Dasgupta
6.	Ashita Bhattacharya -	Prof. R. K. Maiti
7.	Papal Maiti	Prof. R. K. Maiti
8.	Baptes Saha	Dr. S. Choudhury

for 01/06/15

Convener
 Board of Post-Graduate Studies
 Department of Chemistry
 Tripura University
 Suryamaninagar-791022

DEPARTMENT OF CHEMISTRY
TRIPURA UNIVERSITY
SURYAMANINAGAR – 793022
M. Sc. CHEMISTRY SYLLABUS
CHOICE-BASED CREDIT SYSTEM
(2015)

Let's 01.06.2015
Con-venor
Anand Prasad Mishra
Department of Chemistry
Suryamaninagar - 793022

Course Curriculum – M. Sc. in Chemistry

	Course Code	Name of the Courses	Credits
Semester - I			
	CHEM 701C	Inorganic Chemistry-I	04
	CHEM 702C	Organic Chemistry-I	02
	CHEM 703C	Physical Chemistry-I	02
	CHEM 704C	Chemistry Practical-I	04
Semester - II			
	CHEM 801C	Inorganic Chemistry-II	02
	CHEM 802C	Organic Chemistry-II	04
	CHEM 803C	Physical Chemistry-II	02
	CHEM 804C	Chemistry Practical-II	04
Elective			
	CHEM 805E	Spectroscopic methods in Inorganic Chemistry	02
	CHEM 806E	Nuclear and Radiation Chemistry	02
	CHEM 807E	X-ray Crystallography	02
	CHEM 808E	Pericyclic and Organic Photo Chemistry	02
	CHEM 809E	Chemistry of Bio Molecules	02
	CHEM 810E	Medicinal Chemistry-I	02
	CHEM 811E	Irreversible Thermodynamics and Non-equilibrium Thermodynamics	02
	CHEM 812E	Spectroscopy-I	02
	CHEM 813E	Polymer Chemistry	02
Semester - III			
	CHEM 901C	Inorganic Chemistry-III	02
	CHEM 902C	Organic Chemistry-III	02
	CHEM 903C	Physical Chemistry-III	04
	CHEM 904C	Chemistry Project-I	04
Elective			
	CHEM 905E	Metal Clusters	02
	CHEM 906E	Inorganic Polymers	02
	CHEM 907E	Analytical Techniques in Chemistry	02
	CHEM 908E	Chemistry of Macromolecules	02
	CHEM 909E	Chromatographic Techniques	02
	CHEM 910E	Enzyme Chemistry	02
	CHEM 911E	Surface Chemistry	02
	CHEM 912E	Statistical Thermodynamics	02
	CHEM 913E	Advanced Group theory	02
Semester - IV			
	CHEM 1001C	Inorganic Chemistry-IV	02
	CHEM 1002C	Organic Chemistry-IV	02
	CHEM 1003C	Physical Chemistry-IV	02
	CHEM 1004C	Supra-molecular and Nano Chemistry	02
	CHEM 1005C	Chemistry Project-II	04
Elective			
	CHEM 1006E	Organometallics and Catalysis	02
	CHEM 1007E	Bio-Inorganic Chemistry	02
	CHEM 1008E	Environmental and Green Chemistry	02
	CHEM 1009E	Advanced Spectroscopic Techniques	02
	CHEM 1010E	Chemistry of Natural Products	02
	CHEM 1011E	Medicinal Chemistry-II	02
	CHEM 1012E	Photochemistry	02
	CHEM 1013E	Fortran and C, C+, C++ Programming	02
	CHEM 1014E	Statistical Mechanics	02

Kath 01.06.2015
Convener
 Board of Post Graduate Studies
 Department of Chemistry
 Kuvempu University
 Shivamogga - 577 227



NOTIFICATION

Date: 12.07.2017

This is for the information to all concerned that fourth (4th) meeting of Board of Post Graduate Studies (BPGS) of the Department of Chemistry (formed, Vide notification No.F.TU/DIR.CDC/BOF(Sc.)/80/2016 dt. 21.04.2016) shall be held on 28.07.2017 (Friday) at 12.30 p.m. in the Department of Chemistry, Tripura University to consider the following agenda. All the members are requested to attend the meeting.

Agenda:

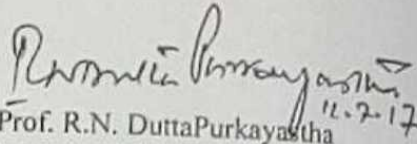
1. Approval of Revised Course Structure for M.Sc, Chemistry.
2. Approval of class routine/ Academic calendar for 1st and 3rd semesters.
3. Approval of the revised M.Sc. syllabus 1st to 4th semesters.
4. Approval of Research Advisory Committee (RAC) for
 - (i) Smt. Maitri Bhattacharjee
 - (ii) Smt. Tania Modal
 - (iii) Smt. Bijayashree Misra
5. Reports on Ph.D. Viva-Voce examination of Mr. Jewel Hossain
6. Holding of National Seminar.
7. Misc.

To:

1. Dean of Faculty of Science, T.U.
2. Head of the Dept. of Chemistry, T.U.
3. Prof. M.K. Singh, Dept. of Chemistry, T.U.
4. Prof. D. Sinha, Dept. of Chemistry, T.U.
5. Prof. R.K. Nath, Dept. of Chemistry, T.U.
6. Dr. S. Majumdar, Associate Prof., Dept. of Chemistry, T.U.
7. Dr. U.C. De, Asstt. Prof., Dept. of Chemistry, T.U.
8. Dr. S. Chowdhury, Asstt. Prof. Dept. of Chemistry, T.U.
9. Prof. S.K. Sil, Dept. of Human Physiology, T.U.
10. Prof. S.C. Bhattacharya, Dept. of Chemistry, Jadavpur University, Kolkata.
11. Prof. C.R. Bhattacharjee, Dept. of Chemistry, Assam University, Silchar.
12. Dr. Soumen Maiti, Senior Principal Research Scientist, TCG Life Sciences Limited, Kolkata.

Copy to:

1. P.S. to Hon'ble Vice-Chancellor, T.U. for kind information
2. Controller of Examinations, T.U.


Prof. R.N. Dutta Purkayastha
Convener, BPGS (Chemistry)
Tripura University
Convener
Board of Post-Graduate Studies
Department of Chemistry
Tripura University
Suryamaninagar-799022

Proceeding of the 4th BPHS meeting of the
Department of Chemistry, held on 28.07.2017
at 12.30 P.M.

Members present

1. Prof. M. K. Singh —
2. Prof. D. Sinha ~~SSR~~ 28.7.17
3. Prof. R. K. Nath ~~Lees~~ 28/7/17
4. Prof. S. Majumdar — ~~28/7/17~~
5. Dr. U. C. De ~~28/7/17~~
6. Prof. S. K. Sil —
7. Prof. S. C. Bhattacharyya (External member) ~~Bhattacharyya~~ 28.7.17
8. Prof. R. N. Dwivedi Parmayastha (Convener) ~~28/7/17~~



Proceedings of the 4th meeting of Board of Post Graduate Studies in Chemistry of Tripura University held on 28.07.2017 at 12.30 p.m. in the Department of chemistry.

Members Present:

- | | |
|---------------------------------|--|
| 1. Prof. D. Sinha | Member, Dept. of Chemistry, TU |
| 2. Prof. R.K. Nath | Member, Dept. of Chemistry, TU |
| 3. Prof. S. Majumdar | Member, Dept. of Chemistry, TU |
| 4. Dr. U.C. De | Member, Dept. of Chemistry, TU |
| 5. Prof. R.N. Dutta Purkayastha | (Convener), Dept. of Chemistry, TU |
| 6. Prof. S.C. Bhattacharya | Department of Chemistry, Jadavpur University (external Member) |

At the outset Convener extended a warm welcome to the members present in the meeting.

After a brief introduction by the Convener, proceeding of the 3rd meeting of BPGS held on 21.03.2017 was read out and confirmed with some modifications. Thereafter, the agenda items were discussed as per the notification of the meeting. The following resolutions adopted in the meeting after thorough discussion.

Agenda 1 Approval of Revised course structure for M.Sc. Chemistry.

Resolution The revised course structure for the M.Sc. 1st to 4th semesters was discussed in details by the member and approved for implementation from the academic session July- Dec '2017 (copy enclosed)

Agenda 2 Approval of class routine / Academic calendar for 1st and 3rd semester.

Resolution The provisional class routine and Academic calendar for the Academic session July- Dec'2017 was discussed and approved.

Agenda 3 Approval of revised M.Sc. syllabus 1st to 4th semester.

Resolution: Contents of the proposed revised syllabus was considered thoroughly, After detailed discussions and incorporating valuable suggestion from the members, the proposed revised syllabus was approved for implementation from the Academic session July- Dec'2017.

Agenda 4 Approval on the Research Advisory Committee (RAC) for (I) Smt. Matri Bhattacharjee, (II) Smt. Tania Mondol (III) Smt. Bijayashre Mishra

Resolution: The proposed names of Research advisory committee (RAC) members for the candidates Smt. Matri Bhattacharjee, Smt. Tania Mondol, Smt. Bijayashre Mishra as proposed by the respective supervisors were approved. The composition of the committees are as follows.

(a) Candidate, Smt. Matri Bhattacharjee

RAC members

(1) Prof. R.N. Dutta Purkayastha Dept. of Chemistry, TU (Convener: Supervisor)

DEPARTMENT OF CHEMISTRY
TRIPURA UNIVERSITY
SURYAMANINAGAR – 799022
M. Sc. CHEMISTRY SYLLABUS
CHOICE-BASED CREDIT SYSTEM
(Revised 2017)

Amritha
Co-ventor
28/7/2017
Department of Chemistry
Suryamaninagar - 799022

**DEPARTMENT OF CHEMISTRY
TRIPURA UNIVERSITY
SURYAMANINAGAR 799 022
CHOICE BASED CREDIT SYSTEM (REVISED 2017)***

Course Curriculum – M. Sc. in Chemistry, Tripura University

Course Code	Name of the Courses	Credits
Semester – I (12 Credits core)		
CHEM 701C	Inorganic Chemistry-I	02
CHEM 702C	Organic Chemistry-I	02
CHEM 703C	Physical Chemistry-I	04
CHEM 704C	Chemistry Practical-I	04
Elective (Compulsory)		
CHEM 704E	Statistics	04
CHEM 705E	Computer	04
Semester – II (12 Credits core)		
CHEM 801C	Inorganic Chemistry-II	02
CHEM 802C	Organic Chemistry-II	04
CHEM 803C	Physical Chemistry-II	02
CHEM 804C	Chemistry Practical-II	04
Elective		
CHEM 805E	Spectroscopic Techniques in inorganic Chemistry	02
CHEM 806E	X-ray Crystallography and Solid state chemistry	02
CHEM 807E	Chemistry of Bio Molecules-I	02
CHEM 808E	Medicinal Chemistry	02
CHEM 809E	Advanced Group Theory	02
CHEM 810E	Surface Chemistry	02
Semester – III (12 credits core)		
CHEM 901C	Inorganic Chemistry-III	04
CHEM 902C	Organic Chemistry-III	02
CHEM 903C	Physical Chemistry-III	02
CHEM 904C	Chemistry Project-I	04
Elective		
CHEM 905E	Analytical and separation techniques in chemistry	02
CHEM 906E	Enzyme Chemistry	02
CHEM 907E	Bio-inorganic chemistry	02
CHEM 908E	Chemistry of Bio Molecules-II	02
CHEM 909E	Polymer Chemistry	02
CHEM 910E	Quantum Mechanics – II	02
Semester – IV (12 Credits core)		
CHEM 1001C	Inorganic Chemistry-IV	04
CHEM 1002C	Organic Chemistry-IV	02
CHEM 1003C	Physical Chemistry-IV	02
CHEM 1004C	Chemistry Project-II	04
Elective		
CHEM 1005E	Supra-molecular and Nano Chemistry	02
CHEM 1006E	Environmental and Green Chemistry	02
CHEM 1007E	Chemistry of Natural Products	02
CHEM 1008E	Photochemistry	02
CHEM 1009E	Computer Programing	02
CHEM 1010E	Statistical Mechanics	02

***Total minimum 72 credits should be obtained; core courses and two electives in first semester are compulsory**

Approved
Co-ventor
Director of Distance Education
Department of Chemistry
Tripura University
Suryamaninagar, 799022

09/10/2020

A Departmental Committee meeting is held on 09/10/2020 at 1:00 PM at the HOD's Chamber, Dept. of Chemistry to finalize the REVISED SYLLABUS.

Members Present:

1. Prof. M.K. Sinsh —
2. Prof. R.K. Nair —
3. Prof. R.N. Dutta per kayastha — Recd 21/10/2020
Annu/M 9/10/2020
4. Dr. U.C. De — 21/10/2020
5. Prof. S. Majumdar — 21/10/2020

Resolution: In continuation of DC meeting dated 30/09/2020 and 06/10/2020 regarding the revision of syllabus the following resolution was adopted:

- (1) Total syllabus in chemistry (Pg) will be of minimum 80 credit comprising 72 credit from the core course and 8 credit from compulsory elective (from computer Skill - II & Basic Statistics) needs to be taken by the students. The said compulsory elective to be adopt in their 1st semester course.
- (2) Students will be offered for Departmental elective courses in 2nd and 3rd semester courses and the credit earned by the students will be extra credit in addition of their minimum 80 credit.
- (3) As the Chemistry project is included in the 4th semester of the course therefore no elective course will be offer in 4th semester programme. Two project papers of 50 marks and 100 marks of 6 credit will be offered as core.

Prof. S. Majumdar
HOD, Dept. of Chemistry
Tatyasaheb Kore University
Warananagar, Warananagar

TRIPURA UNIVERSITY
SURYAMANINAGAR 799 022
CHOICE BASED CREDIT SYSTEM (REVISED 2020)*

Course Curriculum – M. Sc. in Chemistry, Tripura University

Course Code	Name of the Courses	Marks	Credits
Semester – I (18 Credits core)			
CHEM 701C	Inorganic Chemistry-I	100	04
CHEM 702C	Organic Chemistry-I	100	04
CHEM 703C	Physical Chemistry-I	100	04
CHEM 704C	Chemistry Practical-I	150	06
Compulsory Elective (8 credits)			
CHEM 704E	Basic Statistics	100	04
CHEM 705E	Computer Skill II	100	04
Semester – II (18 Credits core)			
CHEM 801C	Inorganic Chemistry-II	100	04
CHEM 802C	Organic Chemistry-II	100	04
CHEM 803C	Physical Chemistry-II	100	04
CHEM 804C	Chemistry Practical-II	150	06
Elective			
CHEM 805E	Bio-inorganic Chemistry	50	02
CHEM 806E	Bio-organic Chemistry	50	02
CHEM 807E	Surface Chemistry	50	02
CHEM 808E	Quantum Chemistry	50	02
Semester – III (18 credits core)			
CHEM 901C	Inorganic Chemistry-III	100	04
CHEM 902C	Organic Chemistry-III	100	04
CHEM 903C	Physical Chemistry-III	100	04
CHEM 904C	Chemistry Practical-III	150	06
Elective			
CHEM 905E	Special topics in chemistry	50	02
CHEM 906E	Chemistry of natural products	50	02
CHEM 907E	Environmental and green chemistry	50	02
CHEM 908E	Advanced group theory	50	02
Semester – IV (18 Credits core)			
CHEM 1001C	Inorganic Chemistry-IV	100	04
CHEM 1002C	Organic Chemistry-IV	100	04
CHEM 1003C	Physical Chemistry-IV	100	04
CHEM 1004C	Chemistry Project – I	50	02
CHEM 1005C	Chemistry Project – II	100	04

09/10/2020
Prof. S. Majumdar
Dept. of Chemistry
Tripura University
Suryamaninagar, 799022

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