



Sri Dharmasthala Manjunatheshwara College
(Autonomous), Ujire-574 240, Dakshina Kannada, Karnataka State

(Re-accredited by NAAC at "A" grade with CGPA 3.61 out of 4)

BOS Meeting Minutes

Department of Chemistry

2020-21



DEPARTMENT OF CHEMISTRY
Proceedings of BOS meeting

Date : 25-08-2020
Time : 11.00a.m
Venue: Staff Room, Dept. of Chemistry (Mode: Google Meet Platform)

AGENDA NO	AGENDA
Agenda 1 SDMCU /UG CHEM-BOS/2020-21/01/01	Reading the minutes of the previous BOS meeting and action taken report
Agenda 2 SDMCU /UG CHEM-BOS/2020-21/01/02	Revision and approval of the Syllabus a) Highlighting the issues of Gender Equity, Human Values, Environment, Professional Ethics b) Highlighting the Local, National and Global issues in the courses c) Incorporating skill components
Agenda 3 SDMCU /UG CHEM-BOS/2020-21/01/03	Approval for additional elective papers
Agenda 4 SDMCU /UG CHEM-BOS/2020-21/01/04	Approval for value added courses
Agenda 5 SDMCU /UG CHEM-BOS/2020-21/01/05	Finalizing the list of examiners
Agenda 6 SDMCU /UG CHEM-BOS/2020-21/01/06	Any other matter





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Members :

Sl. No.	Name & Address	Role
1	Dr. Vishwanatha P, Head Department of Chemistry, SDMC Ujire	Chairperson
2	Dr. Ravi M. Saldana, Associate Professor, Dept. of Chemistry, St. Philomina College (Autonomous), Mysuru	Subject Expert
3	Dr. Mallikarjuna I., Assistant Professor, Dept. of Chemistry, Maharani's Science College for Women, Mysuru-570 005	Subject Expert
4	Dr. Pushpan Puthiyapurayil Principal Investigator, Syngene International Ltd. Plot No.2&3, Bommasandra, Industrial Area, Jigani link Road, Bengaluru – 560099	Industry Nominee
5	Dr. Sampath Kumar, Laboratory Supervisor, Quality Control Lab, MRPL, ONGC, Kulthethoor Post, Mangaluru – 575036	Meritorious Alumni
6	Dr. Shridhara Prasad, Associate Professor & HOD, Dept. of Chemistry, G. Shankar Govt. First Grade Women's College, Ajjarakadu, Udupi	University Nominee
7	Mrs. Nanda Kumari K. P, Associate Professor, Department of Chemistry, SDMC, Ujire	Member
8	Mrs. Divya, Assistant Professor, Department of Chemistry, SDMC, Ujire	Member
9	Mrs. Ganavi D, Assistant Professor, Department of Chemistry, SDMC, Ujire	Member
10	Dr. Rajesh N. Hegde, Assistant Professor, Department of Chemistry, SDMC, Ujire	Member
11	Mrs. Sangeetha B, Assistant Professor, Department of Chemistry, SDMC, Ujire	Member
12	Dr. Narayana Hebbar, Assistant Professor, Department of Chemistry, SDMC Ujire	Member

The Chairperson welcomed the members and placed the agenda before the Board for deliberations. The deliberations of the meeting were as given below.





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Agenda 1

Reading the minutes of the previous BOS meeting and Action Taken Report

The Chairperson read out the minutes of the previous meeting held on 14.06.2019 and action taken report.

Suggestion 1. To organize Industrial Visit to expose the students to Industrial Processes

Action Taken

Organized Industrial Visit to Solara Active Pharma Sciences, Mangaluru

Suggestion 2. To include Kitchen Chemistry topics with the intension of popularizing chemistry

Action Taken

Value added course in Culinary Chemistry is introduced

The Board approved the agenda and noted the action taken.

Agenda 2

Revision and approval of the Syllabus

- a) Highlighting the issues of Gender Equity, Human Values, Environment, Professional Ethics
- b) Highlighting the Local, National and Global issues in the courses

Board reviewed the existing syllabus along with the feedback from stakeholders and noted all the components stated in the agenda and identified the components related to Environment, Local, National and Global issues incorporated in the curriculum.

The topics highlighting environmental issues are

- Green chemistry, Green techniques, Green solvents and green reactions, Green synthesis
- Safe storage and disposal of waste chemicals
- Micro scale experiments -Two burette titration
- Application of radio isotopes in the study of soil fertility
- Chemistry for future - Alternate sources of energy
- Atmospheric composition, pollution types and control

The topics highlighting Local, National and global issues are

- Pesticides- Structure, synthesis and properties of endosulphan



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- Nano Chemistry, nano composites, nano materials, nanotechnology in agriculture
- Food and Nutrition, Food Adulteration detection
- Inorganic and Synthetic Polymers, Conducting and bio degradable polymers
- Composites
- Drugs
- Chemistry in medicine and health care
- Organic and Inorganic Qualitative analysis, Volumetric and Gravimetric estimations, Organic and Inorganic complex preparation, Chromatography, Instrumental methods of determination, kinetics
- Solid state, Chemical Kinetics, Reaction intermediates
- Gaseous state, Reagents and their synthetic utility
- Thermodynamics, Reactions and reactivity of phenols, reactivity of carbonyl compounds
- Electrophilic and nucleophilic substitution reactions Chemical equilibrium, Phase equilibrium, Solutions, Dilute solutions and Colligative properties.
- Electrochemistry, Rotation and Vibration spectroscopy
- Quantum chemistry, Electronic and Raman Spectroscopy
- Photochemistry, Carbohydrates, Reactions of Carboxylic acids, Alkaloids
- Spectroscopy

Further, Board highlighted the Papers involving employability skills and skill components. The details are as given below

Number of papers with employability skills: 13

1. All Chemistry papers-08
2. Practical papers -05

Number of papers with skill components: 05

1. Practical papers -05



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Agenda 3

Approval for additional Elective Courses

CBCS offers provision to broaden the elective options to the students. Keeping in view to provide ample opportunities to the students to select papers of their choice, the Department has developed 8 elective courses. The draft syllabus of elective courses was presented for approval.

The members reviewed the syllabus of following elective Courses:

1. CHCE134 Chemical Process Industries
2. CHCE135: Concepts of Chemical Safety
3. CHCE184: Nanotechnology in Agriculture
4. CHCE185: Green Chemistry
5. CHCE234: Industrial Inorganic Chemistry
6. CHCE235: Polymer Chemistry
7. CHOE284: Environmental Chemistry
8. CHOE285: Chemistry in Medicine and Health Care

The Board approved the syllabus of all the above elective courses

Agenda 4

Approval for Value Added Courses

In order to enhance skill enhancement and employability the department has designed the syllabus for 3 value added courses. The chairman presented the draft syllabus for approval.

The members reviewed the syllabus and the board approved the syllabus of following value-added courses.

1. Certificate Course in Culinary Chemistry
2. Certificate Course in Pharmaceutical Chemistry
3. Certificate Course in Chemistry in Everyday Life

Agenda approved



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Agenda 5

Finalizing the list of examiners

The list of examiners was presented for approval. The list is updated based on the following suggestion by the members.

Addition of Dr.Narayan Hebbar, Assistant Professor, Dept. of Chemistry, SDM College, Ujire as he fulfilled the eligibility criteria.

Revised list is approved. (Annexure-2)

Agenda 6


Any other matter

Chairperson briefed the members about the activities conducted during the last academic year and recognition of the department under the Star College Scheme of DBT, Govt. of India. The BOS members appreciated the department for the recognition. The following suggestions were made by the members

1. To Organize webinars for the benefit of students and staff during COVID-19
2. To publish research papers in UGC Care list Journals

Meeting was concluded with vote of thanks




Dr. Vishwanatha P.
(B.O.S Chairperson)
HEAD
Dept of Chemistry
S.D.M. College (Autonomous)
UJIRE- 574240



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DEPARTMENT OF CHEMISTRY

Proceedings of BOS meeting

Date: 30-06-2021

Time: 11.00AM

Venue: Staff Room, Department of Chemistry (Mode: Google Meet Platform)

AGENDA NO	AGENDA
Agenda 1 SDMCU /UG CHEM-BOS/2020-21/02/01	Reading the minutes of the previous BOS meeting and action taken report
Agenda 2 SDMCU /UG CHEM-BOS/2020-21/02/03	Review of Syllabus and integration of SWAYAM Chapters/Units in the Curriculum
Agenda 3 SDMCU /UG CHEM-BOS/2020-21/02/04	Introduction of MOOCs related to the emerging areas in Electives/Value added courses
Agenda 4 SDMCU /UG CHEM-BOS/2020-21/02/06	Approval for the question bank & software generated question papers for term end exams.
Agenda 5 SDMCU /UG CHEM-BOS/2020-21/02/07	Finalising the List of Examiners
Agenda 6 SDMCU /UG CHEM-BOS/2020-21/02/02	Review of results and Brief report of activities of the Department.
Agenda 7 SDMCU /UG CHEM-BOS/2020-21/02/08	Any other matter





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2	Dr. Ravi. M. Saldana Associate Professor Dept. of Chemistry St. Philomina College (Autonomous) Mysuru	Subject Expert
3	Dr. Mallikarjuna I. Assistant Professor Dept. of Chemistry Maharani's Science College for Women Mysuru- 570 005	Subject Expert
4	Dr. Pushpan Puthiyapurayil Principal Investigator Syngene International Ltd. Plot # 2&3, Bommasandra Industrial Area, Jigani link Road, Bengaluru - 560099	Industry Nominee
5	Dr. Sampath Kumar Assistant Manager Quality Control and R & D MRPL, ONGC Kulthethoor Post Mangaluru - 575036	Meritorious Alumni
6	Dr. Shridhara Prasad	University Nominee



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	Associate Professor & HOD Dept. of Chemistry G. Shankar Govt. First Grade Women College,Ajjarakadu, Udupi	
7	Mrs. Nanda Kumari K. P Associate Professor, Department of Chemistry, SDMC, Ujire	Member
8	Mrs. Divya, Assistant Professor, Department of Chemistry, SDMC, Ujire	Member
9	Mrs. Ganavi D, Assistant Professor, Department of Chemistry, SDMC, Ujire	Member
10	Dr. Rajesh N. Hegde, Assistant Professor, Department of Chemistry, SDMC Ujire	Member
11	Mrs. Sangeetha B, Assistant Professor, Department of Chemistry, SDMC Ujire	Member
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The Chairperson welcomed the members and placed the agenda before the Board for deliberations. The deliberations of the meeting were as given below.





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Agenda 1

Reading the minutes of the previous BOS meeting and Action Taken Report

The Chairperson read out the minutes of the previous meeting held on 25.08.2020 and action taken report.

Suggestion 1: To organize webinars for the benefit of students and staff during COVID-19

Action Taken – Organized three webinars by the resource persons from reputed institutes and two online competitions during this period.

Suggestion 2: To publish research papers in UGC Care list Journals

Action Taken – Published four papers in peer reviewed journals by the staff members during this period.

The board approved the agenda and noted the action taken.

Agenda 2

Review of Syllabus and integration SWAYAM chapters/units in the curriculum

The Chairperson presented the existing syllabus along with feedback from stakeholders before the Board. Further, Chairperson proposed that to enhance self-learning among the students and expose them to the best teachers in the country, there is need to integrate our curriculum with SWAYAM and other online courses. After discussion members concluded that self- learning may be offered for some of the chapters in the curriculum and students may be asked learn the same by attending the online course /referring study materials under the guidance of staff in charge on experimental basis. The details of Chapters/Units identified by the board for the integration of curriculum with SWAYAM/Online courses are given annexure.

Further, Board highlighted the Papers involving employability skills and skill components. The details are as given below

Number of papers with employability skills: 13

Number of papers with skill components: 05

The board approved the agenda.



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Agenda 3

Introduction of MOOCs related to the emerging areas in Elective/Value added courses

Chairperson presented the list of MOOCs which may be offered to the students in lieu of Elective/ Value Added courses depending upon the availability of courses

List of MOOCs

1. An Introduction to Materials: Nature and properties
2. Medicinal Chemistry
3. Polymer Science
4. Analytical Chemistry
5. Spectroscopy
6. Food Chemistry
7. Environmental Soil Chemistry

The board approved the agenda

Agenda 4

Approving question bank and software generated question papers for term end exams

In view of promoting technology-based evaluation system, Chairman briefed the members regarding software generated question papers based on paper-wise question banks and sought the approval to generate question papers for term end examinations. It was resolved to approve the question bank prepared by the department and to give permission to BoE Chairman to add/edit/delete and generate question papers from EERPMS for term end examinations.

The Board approved the agenda

Agenda 5

Finalizing the list of examiners

The existing list of examiners was presented for modification and approval. Based on the following suggestion by the members, the list was updated.



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Deletion of Dr. Narayan Poojary, Associate Professor, Dept. of Chemistry, Sri Bhuvanendra College, Karkala on his superannuation.

Revised list was approved. (List enclosed)

Agenda 6

Review of results and brief report of activities of the Department

Chairperson placed the results of previous semesters (March 2021) in various papers and the achievements of the department in academic, co-curricular and extracurricular activities. Members appreciated the learner centered activities conducted by the department to enhance the employability of the students. The members also appreciated the results of the term end exam.

The board approved the agenda.

Agenda 7


Any other matter

The following suggestions were made by the members.

1. To facilitate students to undergo Internships/Summer Placements during vacations to enhance employability.
2. To conduct webinars on emerging areas of Chemistry

Meeting was concluded with vote of thanks




Dr. Vishwanatha P.
(B.O.S Chairperson)
HEAD
Dept of Chemistry
S.D.M. College (Autonomous)
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