



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)

PG Studies in
Organic Chemistry
BOS Meeting Minutes
2020-21



Sri Dharmasthala Manjunatheshwara College

(Autonomous), Ujire-574 240, Dakshina Kannada, Karnataka State

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PG DEPARTMENT OF CHEMISTRY (Organic Chemistry)
Proceedings of BOS meeting

Date: 27-08-2020

Time: 02:30pm

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

AGENDA NO.	AGENDA
Agenda 1 SDMCU/PG ORG CHEM-BOS/2020-21/01/01	Reading the minutes of the previous BOS meeting and Action taken report
Agenda 2 SDMCU/PG ORG 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 and Employability components
Agenda 3 SDMCU/PG ORG CHEM-BOS/2020-21/01/03	Approval for the additional Elective Papers
Agenda 4 SDMCU/PG ORG CHEM-BOS/2020-21/01/04	Approval for the Value added Courses (Certificate Courses)
Agenda 5 SDMCU/PG ORG CHEM-BOS/2020-21/01/05	Finalizing the list of examiners
Agenda 6 SDMCU/PG ORG CHEM-BOS/2020-21/01/06	Any other matter



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Members present:

Sl. No.	Name and address	Designation
1	Dr. Vishwanatha P., Head, PG Department of Chemistry, SDMCollege, Ujire	Chairman
2	Dr. S. Sreenivasa, Associate Professor, Department of Chemistry, Tumkur University, Tumkur	Subject Expert
3	Dr. M. Abdul Rahiman, Associate Professor, Department of Chemistry, Government Science College, Hassan	Subject Expert
4	Dr. N. L. Shashidhar, Director, Synus Laboratories, Bengaluru	Industry Nominee
5	Dr. D. Jagadeesh Prasad D, Professor, Department of Chemistry, Mangalore University, Mangalagangothri	University Nominee
6	Dr. B. Shivarama Holla, Professor, PG Department of Chemistry, SDM College, Ujire	Member
7	Dr. Sowmya B. P., Assistant Professor, PG Department of Chemistry, SDM College, Ujire	Member
8	Ms. Nefisath P., Assistant Professor, PG Department of Chemistry, SDM College, Ujire	Member
9	Dr. Naveen Kumar, Assistant Professor, PG Department of Chemistry, SDM College, Ujire	Member
10	Dr. Shashiprabha, Assistant Professor, PG Department of Chemistry, SDM College, Ujire	Member
11	Dr. Purandara H., Assistant Professor, PG Department of Chemistry, SDM College, Ujire	Member
12	Dr. Vasantha Kumar, Assistant Professor, PG Department of Chemistry, SDM College, Ujire	Member





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Members Not Present:

1. Dr. Shivaramayya K. Senior Group leader-Discovery Chemistry, Syngene International Ltd., Biocon Park SEZ, Bengaluru–Meritorious Alumnus.

The Chairman welcomed the members and presented the agenda.

Agenda 1

Reading the minutes of the previous BOS meeting held on 31 August 2019 and Action taken report

The Chairman read the minutes of the previous meeting and presented action taken report. The following actions were taken based on the suggestions given by members

Suggestion 1

To incorporate a paper on Computational Chemistry in III semester as it is a widely used tool to carry out theoretical calculations in the research field.

Action taken

The draft syllabus of the paper was presented for approval.

Suggestion 2

To give freedom to the question paper setters to set 2 or 3 sub-divisions in Part B instead of restricting to 3 sub-divisions.

Action taken

The suggestion was reviewed and felt that it is not possible to cover up maximum syllabus while framing questions with only two sub-divisions. Hence, it was resolved to keep 3 sub-divisions.

The Board approved the agenda and action taken report.

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



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c) Incorporating skill and Employability components

The Board reviewed the draft copy of the revised syllabus along with feedback from stakeholders and resolved that the changes made in the syllabus concentrating on the following papers (OC H 402, OC H 403, OC H 404, OC S 406, OC P 407, OC P 409, CH E 457, OC P 460, OC H 501 , OC S 504 , OC S 505, OC E 507, OC H 551 , OC H 552, OC H 553, OC S 554, OC S 555 , OC P 557). The syllabus was approved after incorporating the suitable corrections and modifications suggested by the members.

(Annexure –I)

Further, it was resolved that the changes made in the syllabus in this revision is about 25 percent.

Board also identified Environmental, Local, National and Global issues incorporated in the syllabus.

The topic highlighting environmental issues are

- Air/ Water/ Soil Pollution control
- Zeolites
- Masking Techniques
- Environmental friendly reagents & safety measurements
- Greener reagents & green catalysts
- Green techniques
- Nuclear energy, Solar energy, Ocean energy, wind energy, biomass as source of energy
- Handling of organometallic reagents
- Green methods of organic synthesis: Green reagents, solvents, catalysts.
- Microwave and ultrasound techniques in organic synthesis
- Photochemical synthesis of organic molecules: Using sunlight
- Biodegradable polymers: Uses in daily life

The topics highlighting local, national and global issues are as mentioned in (Annexure-II).

Further, Board highlighted the Papers involving employability/ entrepreneurship/ skill development components. The details are as given below



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Number of papers having focus on employability: 31
Number of papers having focus on entrepreneurship: 6
Number of papers having focus on skill development: 33

Agenda was approved.

Agenda 3

Approval for the additional Elective Papers

No additional specialization paper/Elective paper was included in the present syllabus.

Agenda was approved.

Agenda 4

Approval for the Value added Courses (Certificate Courses)

In order to enhance skills and employability the department has designed the draft syllabus for value added course on 'Applications of Chemistry Software and Research Methodology' and it was placed before the Board for approval.

The Board approved the syllabus.

Agenda 5

Finalizing the list of Examiners

The draft list of examiners was presented for approval. The list was updated based on the following suggestions made by the members.

Deletion of

1. Dr. A. V. Adhikari, Professor, Department of Chemistry, NITK, Surathkal as he is superannuated.
2. Dr. D. P. Angadi, Associate Professor, Department of Chemistry, University College, Mangalore as he is shifted to other College.
3. Dr. Vishnumurthy, Associate Professor, Sir M. V. College, Bhadravathi, as he had left the concerned College.

Addition of



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1. Dr. Sudhakar Y. N., Assistant Professor, Department of Chemistry, Christ University, Bangalore.
2. Dr. Saikatat Dutta, Assistant Professor, Department of Chemistry, NITK, Surathkal.
3. Dr. Sib Shankar Mal, Assistant Professor, Department of Chemistry, NITK, Surathkal.
4. Dr. Poornima Bhagavath, Associate Professor, Department of Chemistry, MIT, Manipal University, Manipal.
5. Dr. Sowmya, Assistant Professor, Department of Chemistry, MIT, Manipal University, Manipal.
6. Dr. Venkatachal H., Assistant Professor, Department of Chemistry, MIT, Manipal University.
7. Dr. Prakash Shetty, Assistant Professor, Department of Chemistry, MIT, Manipal University, Manipal.
8. Dr. Yadhav D. Bhodke, Associate Professor, Department of Chemistry, Kuvempu University, Shimogga.
9. Dr. B. R. Vijaya Kumar, Assistant Professor, Department of Chemistry, Tumkur University, Tumkur.
10. Dr. Sapna Shetty, Assistant Professor, PG Department of Chemistry, St. Agnes College, Mangalore.
11. Dr. Sharath Kumar, Assistant Professor, PG Department of Chemistry, Govinda Dasa College, Surathkal.
12. Dr. Karthika J. S., Assistant Professor, PG Department of Chemistry, Govinda Dasa College, Surathkal, as they fulfilled the eligibility criteria.

Revised list was approved

Agenda No. 6

Any other matter

- The Chairman presented research activities of the department and initiatives put forward in promoting basic sciences to the panel.
- The members of the panel appreciated the effort of the Department and suggested to continue the same.



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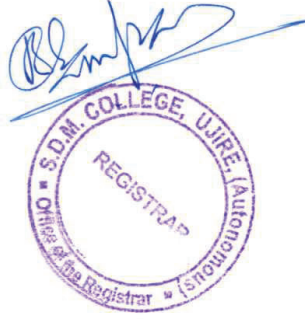


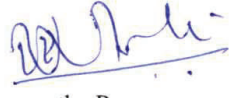
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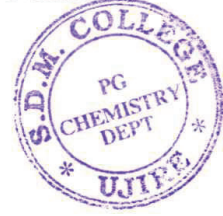
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- It was also suggested to conduct Conferences/ webinars in the next academic year too and also to publish papers in UGC CARE -list journals.

Meeting was concluded with vote of thanks.




Dr. Vishwanatha P.
(BOS Chairman)



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PG DEPARTMENT OF CHEMISTRY

Proceedings of BOS meeting (Organic Chemistry)

Date : 01.07.2021

Time : 11.00 A.M

Venue : Online -Google Meet Platform

AGENDA NO.	AGENDA
Agenda 1 SDMCU/PG ORG CHEM-BOS/2020-21/02/01	Reading the minutes of the previous BOS meeting and Action taken report
Agenda 2 SDMCU/PG ORG CHEM-BOS/2020-21/02/02	Review of the syllabus and integration of Swayam integrated chapters/ units
Agenda 3 SDMCU/PG ORG CHEM-BOS/2020-21/02/03	Introduction of MOOCs related to the emerging areas in Elective/ Value added courses
Agenda 4 SDMCU/PG ORG CHEM-BOS/2020-21/02/05	Finalizing the list of examiners
Agenda 5 SDMCU/PG ORG CHEM-BOS/2020-21/02/06	Review of Results and achievements of the department
Agenda 6 SDMCU/PG ORG CHEM-BOS/2020-21/02/07	Any other matter

Members present:

Sl. No.	Name and address	Designation
1	Dr. Vishwanatha P., Head, PG Department of Chemistry, SDM College, Ujire	Chairman
2	Dr. S. Sreenivasa, Associate Professor, Department of Chemistry, Tumkur University, Tumkur	Subject Expert



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3	Dr. M. Abdul Rahiman, Associate Professor, Department of Chemistry, Government Science College, Hassan	Subject Expert
4	Dr. D. Jagadeesh Prasad D, Professor, Department of Chemistry, Mangalore University, Mangalagangothri	University Nominee
5	Dr. Shivaramayya K., Senior Group leader-Discovery Chemistry, Syngene International Ltd., Biocon Park SEZ, Bengaluru	Meritorious Alumnus
6	Dr. B. Shivarama Holla, Professor, PG Department of Chemistry, SDM College, Ujire	Member
7	Dr. Sowmya B. P., Assistant Professor, PG Department of Chemistry, SDM College, Ujire	Member
8	Ms. Nefisath P., Assistant Professor, PG Department of Chemistry, SDM College, Ujire	Member
9	Dr. Naveen Kumar, Assistant Professor, PG Department of Chemistry, SDM College, Ujire	Member
10	Dr. Shashiprabha, Assistant Professor, PG Department of Chemistry, SDM College, Ujire	Member
11	Dr. Purandara H., Assistant Professor, PG Department of Chemistry, SDM College, Ujire	Member
12	Dr. Vasantha Kumar, Assistant Professor, PG Department of Chemistry, SDM College, Ujire	Member
13	Dr. Sujay M. M., Assistant Professor, PG Department of Chemistry, SDM College, Ujire	Member
14	Dr. Sharanya K., Assistant Professor, PG Department of Chemistry, SDM College, Ujire	Member





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Members Not Present:

1. Dr. N. L. Shashidhar, Director, Synus Laboratories, Bengaluru – Industry Nominee

The Chairman welcomed the members and presented the agenda.

Agenda 1

Reading the minutes of the previous BOS meeting held on 27 August 2020 and Action taken report

The Chairman read the minutes of the previous meeting and presented action taken report. The following actions were taken based on the suggestions given by members.

Suggestion 1

To conduct Conferences/ webinars

Action taken

Four webinars were conducted.

Suggestion 2

To publish papers in UGC CARE -list journals.

Action taken

Thirteen research papers were published in the UGC CARE -list journals.

The Board approved the agenda and action taken report.

Agenda 2

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

The Chairman presented the existing syllabus along with feedback from stakeholders before the board seeking suggestions by the members. Board reviewed the syllabus and opined that there is a need to integrate curriculum with SWAYAM and other online courses to enhance self-learning in students and also to expose them to best teachers in the country. It was resolved that some of the chapters in the curriculum may be offered as self- learning chapters and students may be asked to learn the same by attending/referring SWAYAM/Online courses under the guidance of



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staff in charge on experimental basis. The board identified the Chapters/Units for the integration of curriculum with SWAYAM/Online courses. (Annexure I)

The Board approved the syllabus.

Further, Board highlighted the Papers involving employability/ entrepreneurship/ skill development components.

Number of courses focusing on employability/ entrepreneurship/ skill development are as given below

Number of papers having focus on employability: 31

Number of papers having focus on entrepreneurship: 6

Number of papers having focus on skill development: 33

(Annexure-II)

Agenda was approved.

Agenda 3

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

It was decided to offer courses on MOOCs related to the emerging areas in Elective/Value added Courses to students. The chairman requested the board to suggest the courses to offer. After the discussion the members approved the list of following courses:

1. Metals in Biology
2. Introduction to Polymer Science
3. Industrial Inorganic Chemistry
4. Essentials of Biomolecules: Nucleic Acids and Peptides
5. Fundamentals of Spectroscopy
6. Quantitative Methods in Chemistry

The board approved the agenda

Agenda 4

Finalizing the list of examiners



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The chairman presented the draft list of examiners to the panel for approval. The list was updated based on the following suggestions made by the members.

1. Addition of Dr. Sujay M. M., Assistant Professor, Department of Chemistry, SDM College (Autonomous), Ujire as he fulfills the eligibility criteria.
2. Addition of Dr. Prameela H. C. and Dr. Giridhar M., Assistant Professors, Department of Chemistry, Government Science College, Hassan-573 201 as they fulfill the eligibility criteria.

(Annexure -III)

Revised list was approved.

Agenda 5

Review of result and achievements of the department

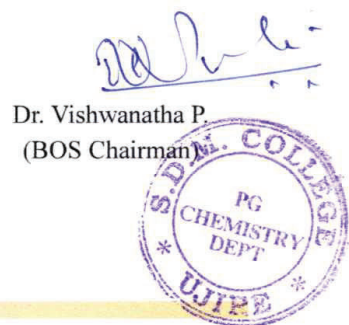
- The chairperson presented the result and achievements of the department. The Board reviewed the result (86%) of III semester examination in II M.Sc. Organic Chemistry held in March 2021. The result of I semester examination in I M.Sc. Organic Chemistry held in the month of April is awaited.
- The panel appreciated the four webinars conducted by the department as well as 13 research papers which have been published in UGC-CARE list journals.

Agenda 6

Any other matter

Appreciating the effort of the Department the board suggested to conduct Conferences/ webinars in the next academic year too and also to publish papers in UGC CARE -list journals.

Meeting was concluded with vote of thanks.



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