

RAMNARAIN RUIA AUTONOMOUS COLLEGE, MUMBAI-19

Minutes of the meeting of the Board of Studies in Chemistry

Date: 20-08-2019

Time: 11.0am to 1.30pm

Venue: RCAA Hall.

Members Present:

Sr. No.	Name	Designation
1.	Prof. S.D. Samant	V.C. Nominee, Former Head, Institute of Chemical Technology
2.	Dr. Santosh Gharpure	Subject Expert, Associate Professor, IIT Bombay
3.	Dr. Savita Ladge	Subject Expert, Associate Professor, HBCSE, Mumbai
4.	Dr. A.G.Datar	Member, Shimadzu India Ltd.
5.	Dr. P.A. Sathe	Member, Former Head, Chemistry Dept. Ramnarain Ruia College
6.	Dr. Jyoti Patwardhan	Head of Chemistry Dept. Ramnarain Ruia Autonomous College, Mumbai
7.	Dr. Manish Hate	Associate Professor in Chemistry, Ramnarain Ruia Autonomous College, Mumbai
8.	Dr. A.K. Mapari	Associate Professor in Chemistry, Ramnarain Ruia Autonomous College, Mumbai
9.	Dr. Kamini Donde	Associate Professor in Chemistry, Ramnarain Ruia Autonomous College, Mumbai
10.	Dr. Madhavi Badole	Assistant Professor in Chemistry, Ramnarain Ruia Autonomous College, Mumbai
11.	Dr. Vaibhav Wagh	Assistant Professor in Chemistry, Ramnarain Ruia Autonomous College, Mumbai
12.	Dr. Vijaykumar Chavan	Assistant Professor in Chemistry, Ramnarain Ruia Autonomous College, Mumbai
13.	Dr. S.A. Vanmali	Associate Professor in Chemistry, Ramnarain Ruia Autonomous College, Mumbai
14.	Ms. Akanksha Kapildev Singh	Alumni Representative

Dr. Rajiva Kothurkar, Industry Expert was granted the leave of absence.

At the outset, minutes of the previous meeting of Members of BoS were passed. It was suggested from the members that the minutes of the meeting of academic council should have been presented during the BOS meeting for consistency in the policies and format



Agenda Item No. 1: To discuss Syllabus of Undergraduate and Post graduate classes and the changes required if any.

DISCUSSED THAT It was suggested that the **list of reference books** should contain only books those are highly specific to syllabi. It was also recommended that books that were relevant only to a particular chapter should be specified accordingly so that the utilities of reference books are ensured.

A reference book each for all 4 papers of chemistry are to be selected and particular topics from those books should be covered at every semester and the paper should be set completely based on that particular reference book. This practice would lead to at least thorough reading and revision of one entire book per paper by the end of third year.

HOD

RESOLVED THAT The bibliography should be modified accordingly and incorporated.

Agenda Item No. 2: PhD Course work

DISCUSSED THAT the Ph D course work for the newly registered students to be standardised.

RESOLVED THAT Apart from the modules of research methodology, PhD coursework should include a component of "Teaching assistantship" which will enable delegation of tutorial work to them as a part of the same.

Agenda Item No. 3: To decide on the changes in the modalities of assessment, if any, which includes the question paper pattern, for internal and external examination.

DISCUSSED THAT It was stressed that a **detailed review of question papers** is absolutely necessary. A change in the manner in which questions are asked should be made to make it more analytical/deductive and less descriptive.

It was suggested that fill in the blanks should be avoided. It was recommended that tutorials should be conducted to acquaint students with the new pattern of questions to ease out the examination for students.

RESOLVED THAT the objective type questions should not be asked in the semester end question papers for all classes. This type of questions should only be restricted to Mid Term class tests.

Agenda Item No. 4: Project component of the MSc –II syllabus

DISCUSSED THAT - the implementation of project component and its formation at MSc level.

A major overhaul was suggested in the **project component** of the MSc –II syllabus.



i) Homogeneity should be brought about in the project component for all the MSc students. For the same, it was suggested that teachers who are handling the projects should go to HBCSE for a detailed orientation by Savita Madam.

ii) A detailed analysis of the resources including the manpower, logistics and finances should be done to estimate the number of students whose projects can be accommodated in the college.

iii) It was also suggested to club students into groups and be allotted to a guide (either a lecturer or a PhD student) as peer support is an effective way to learn and adapt things.

iv) It was recommended that any project undertaken should fulfil certain objectives as follows:

- Aim of the project should be defined.
- Students should become competent enough to do literature survey.
- They should be able to formulate the problem question.
- Should be able to formulate the plan of the work.
- Conduct the experiment as per the plan devised.
- Students should be able to list out the difficulties faced during the experiment.
- Become competent enough to comprehend and apply troubleshooting techniques.
- Defend the data obtained in the project.
- Enumerate the variations/errors/rejection of data.
- Generate the report.

RESOLVED THAT the above discussed pointers must be observed for undertaking and execution of projects. Also, the project component can be introduced at MSc Semester III instead of MSc Semester IV, so that the students can initiate the project work immediately after the examination of Semester II and can get adequate time for project. That may facilitate them to participate in the Avishkar Research Convention, which is generally held in the first half of the academic year. The requisite change can be incorporated accordingly, provided it is passed in academic board meeting.

Agenda Item No. 4: Any other matter with permission of the Chair

DISCUSSED THAT Change in the format of student feedback questions and rating parameters is needed. The suggested parameters of feedback were: Excellent-Very Good-No Opinion-Satisfactory-Highly Satisfactory. It was suggested that the students' feedback should consist of more relevant and specific questions.

RESOLVED THAT the suggested changes would be forwarded to the IQAC, Ramnarain Ruia Autonomous College for the action.

Signature: 



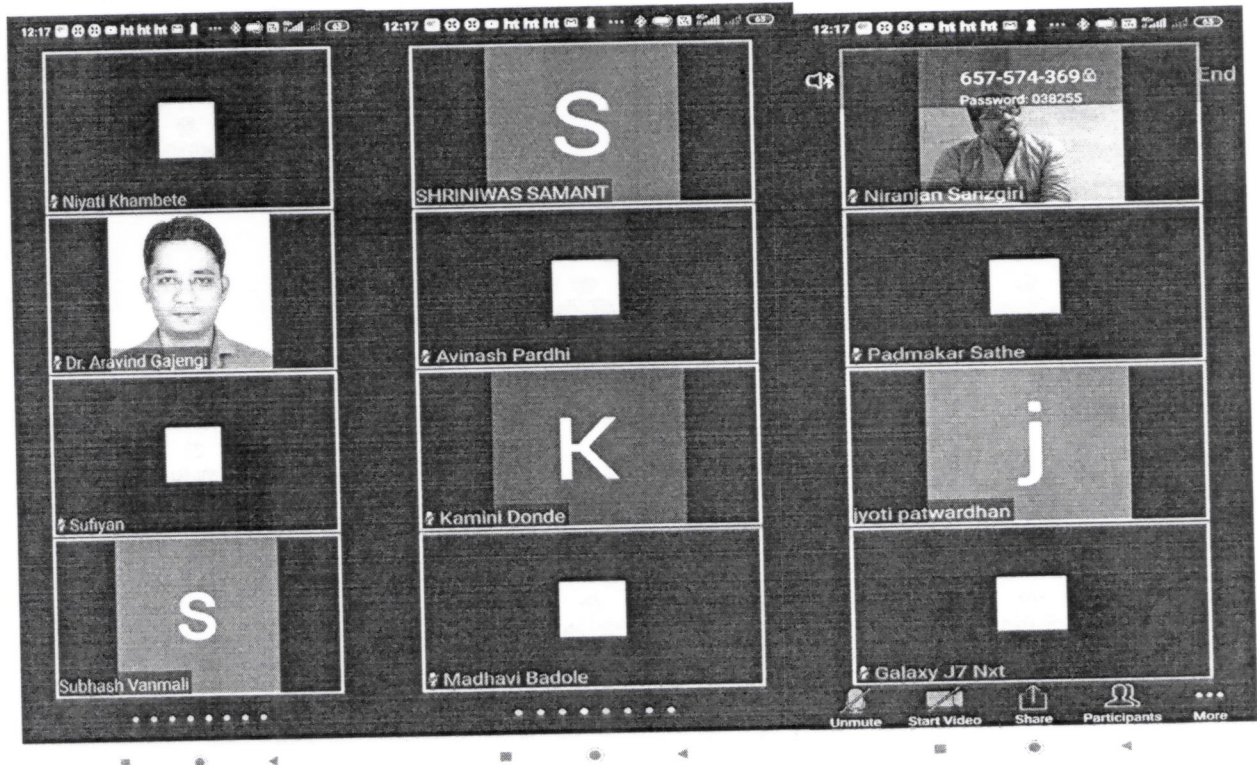
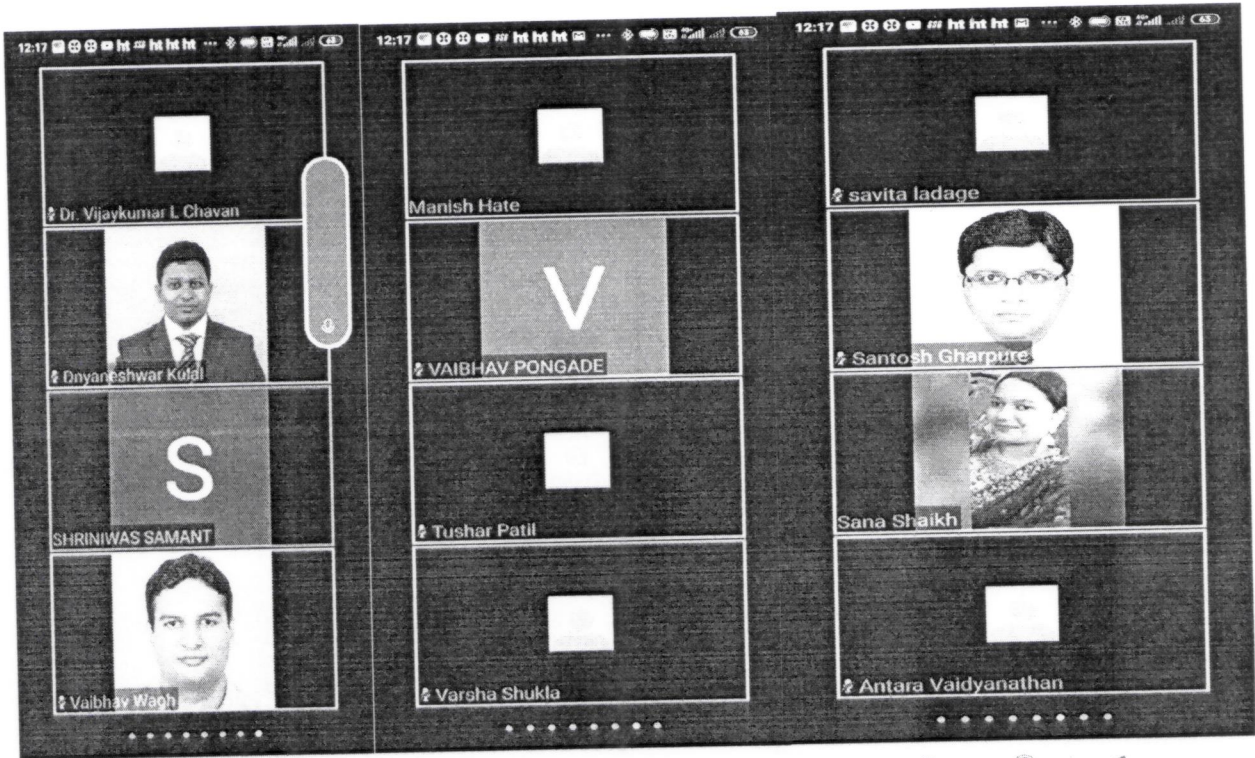
Minutes of the Meeting with Board Of Studies in Chemistry, Monday, 6th April 2020

The Head, Department of Chemistry had convened a meeting with the Departmental Colleagues and the Members of the Board of Studies on Zoom Online Meeting App (Due to ongoing COVID-19 Pandemic) on Monday, 6th April 2020 at 11:00am. Dr. Rajiva Kothurkar, Industry Expert and Ms Akanksha Singh, PG alumnus were granted the leave of absence.

The Following Members were present

Name of the Member	Designation
DEPARTMENTAL FACULTY MEMBERS	
Dr. JyotiPatwardhan	Associate Professor and Head, Department of Chemistry
Dr. Manish Hate	Vice-Principal and Associate Professor, Department of Chemistry
Dr. A.K. Mapari	Associate Professor, Department of Chemistry
Dr. KaminiDonde	Associate Professor, Department of Chemistry
Dr. MadhaviBadole	Assistant Professor, Department of Chemistry
Dr. VaibhavWagh	Assistant Professor, Department of Chemistry
Dr. VijaykumarChavan	Assistant Professor, Department of Chemistry
Dr. SubhashVanmali	Assistant Professor, Department of Chemistry
Dr. AravindGajengi	Assistant Professor, Department of Chemistry
Dr. DnyaneshwarKulal	Assistant Professor, Department of Chemistry
AvinashPardhi	Assistant Professor, Department of Chemistry
VaibhavPongade	Assistant Professor, Department of Chemistry
TusharPatil	Assistant Professor, Department of Chemistry
Dr. NiyatiKhambete	Assistant Professor, Department of Chemistry
NiranjanSanzgiri	Assistant Professor, Department of Chemistry
Sana Shaikh	Assistant Professor, Department of Chemistry
AntaraVaidyanathan	Assistant Professor, Department of Chemistry
Sufiyan Khan	Assistant Professor, Department of Chemistry
EXTERNAL SUBJECT EXPERTS	
Prof. S.D. Samant	Retired Professor and Former Head, Department of Chemistry, Institute of Chemical Technology (ICT- Formerly Known as UDCT)
Dr. P.A. Sathe	Former Associate Professor and Head, Department of Chemistry, RamnarainRuia College
Dr. AjitDatar (Industry)	Advisor, Shimadzu Corporation India
Prof. SavitaLadage	Professor, Chemistry Division, HomiBhabha Centre for Science Education
Dr. SantoshGharpure	Professor of Chemistry, Department of Chemistry, Indian Institute of Technology, Bombay
REPRESENTATIVES FROM THE ACADEMIC COUNCIL	
Dr. SujataSuvarnapathki	Dean Academics, RamnarainRuia Autonomous College
Dr. VarshaShukla	Additional Member appointed by the Dean Academics





SCREENSHOTS OF THE ATTENDEES



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The Following was the Agenda of the said Meeting

1. To discuss the revision of syllabi for UG and PG classes wherever applicable.
2. To discuss the changes in modalities of assessment.
3. To review the projects undertaken by MSc students
4. To review question papers of previous exams.
5. To discuss the coursework for students of MSc by Research
6. Any other matter with the permission of chair.

Agenda I: Revision of the Syllabi for UG and PG Classes wherever Applicable

DISCUSSED THAT:

The proposed syllabus for UG and PG was reviewed .

RESOLVED THAT

No change should be made in the proposed syllabus for UG & PG . Proposed Syllabus was unanimously accepted by BoS and can be brought into effect from AY 2020-2021.

Agenda II: Modality of Assessment

DISCUSSED THAT The modalities of assessment were reviewed . Some BoS members suggested to reduce options in Question papers of UG & PG , to twenty percent or still less like , questions with no options. Some members thought that such pattern with no options or 20 % options would be very difficult for the undergraduate students .

RESOLVED THAT . Hence it was decided that the matter will be discussed with the Principal , Dean Academics and coordinator of Exam. Cell , before it is implemented and the requisite changes in the proposed modality of assessment would be done with their cognizance .

Agenda III: Project Work of MSc Students

DISCUSSED THAT:: The titles and abstracts of projects undertaken by MSc Students were reviewed

RESOLVED THAT : The methodology of carrying out the project work was approved by the BoS Members.

Agenda IV: Review of the Previous Question Papers



DISCUSSED THAT: The question Papers of the exams conducted (Both Class Test and Semester end) in Academic year 2019-2020 were reviewed .

RESOLVED THAT: The Questions were framed according to the Bloom's Taxonomy . It was suggested that the blueprint of the Question paper must be more specific.

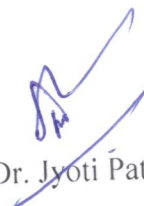
Agenda V: Coursework of MSc By research Students

DISCUSSED THAT: The Research Guides requested the Board of studies to suggest the coursework methodology that needs to be carried out for the MSc by research students.

RESOLVED THAT: The BoS Members invited a proposed framework supplemented by VCDs and notifications from the UGC and other relevant bodies and suggested to discuss the same with Dean Research .

Agenda VI: Any other Matter with the permission of the Chair

NIL


Dr. Jyoti Patwardhan,

Head, Department of Chemistry



