

Faculty of Science
Department of Chemistry and Analytical Chemistry.

BOS - Chemistry

Minutes of Board meeting held on :- 20/06/2013

The meeting of board of studies of The Chemistry was held on 20/06/2013 at 10:00 am.

B.S. Chandrabansi, H.O.D. Department of Chemistry R.S.M. Latar chaired the meeting.

The Agenda of meeting was :-

- 1) preparation of skeleton of syllabus for B.Sc I year [Sem-I & II] Chemistry in view of Autonomous college.
- 2) Any other matter with the permission of the chair.

The following members participated in the meeting -

- 1) prob. B.S. Chandrabansi [chairman] ~~B.S. Chandrabansi~~
- 2) Dr. S. D. Salunke [Member] ~~S.D. Salunke~~
- 3) prob. B. B. Sanap [Member] ~~B.B. Sanap~~
- 4) prob. D. G. Palke [Member] ~~D.G. Palke~~
- 5) prob. K. I. Momin [Member] ~~K.I. Momin~~
- 6) Dr. R. A. Mane

(Dept. of Chem, Dr. BAMU, Aurangabad.)

(Expert from outside nominated by A.C.)

- 7) Dr. S. D. Deosarkar [

(School of chemical Science, SRTMU, Nanded)

(Expert from outside nominated by A.C.)

- 8) Dr. B. S. Dawane.

(School of chemical Science, SRTMU, Nanded)

(Expert by V.C.)

- 9) Dr. R. N. Shirsat.

(Dept. of Chem, Choa University, Panji)

(Expert by V.C.)

11) prob. A.T. Pokale.

12) Dr. B.R. Arbad

(Dept. of chem. Dr. BAMU, Aurangabad)

(Expert by V.C.)

13) Dr. Shrikant Patil

(Director, Student welfare Sant Chudage Baba University,
Amravati (M.S.).

14) Mr. R.S. Patil

(Expert from industry).

15) prob. A.R. Kurad

(MCM, Ahmadpur, PG Alumni).

16) Dr. E.U. Masumdar

(other member of the staff of same faculty).

- The chairman extended a warm welcome to all the participants in the meeting and thanked them for sparing their precious time to participate in the meeting. At the outset, the chairman gave a brief account of the core activities of the department and the agenda of meeting was taken up for discussion.

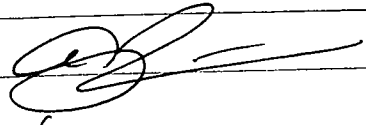
- prob. B.B. Sanap gave presentation on the proposed curriculum of the chemistry B.Sc I yr. [Sem-I & II] programme, This program has been designed perfectly to address the market needs, for this curriculum of other universities may also be rebbeyed.

1) It was decided to keep the same syllabus as of parent University.

2) The board further resolved that each of the course should be of minimum 30 and maximum 40 credits of A and B level.

3) The board also resolved to authorise the chairman to forward the draft syllabus for the approval of the academic council.

— prob. D. G. palke expressed the vote of Thanks to all the members of the board and the meeting is terminated at 5.00 pm.

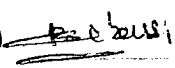
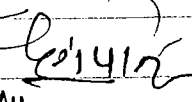

Principal
Rajarshi Shahu Mahavidyalaya,
LATUR-413 512

Faculty of science

Department of Chemistry and Analytical Chemistry

BOS - Analytical Chemistry

MINUTES OF BOARD MEETING HELD ON:
20/06/2013

- The meeting of board of studies of Analytical chemistry was held on 20/06/2013 at 10:00 am Dr. S.D. Salunke, vice-principal of R.S.M.L chaired the meeting.
- The agenda of the meeting was:-
 - 1) Preparation of Skeleton of syllabus for B.Sc. I year (Sem - I & II) Analytical Chemistry in view of autonomous college.
 - 2) Any other matter with the permission of the chair.
- The following members participated in meeting -
 - 1) Dr. S.D. Salunke (chairman) 
 - 2) Prof. B.S. Chandrabansi (member) 
 - 3) Prof. B.B. Sanap (member) 
 - 4) Prof. D.G. Palke (member) 
 - 5) Prof. K.I. Momin (member) 
 - 6) Dr. H.R. Tale (expert from outside nominated by Academic Council)
(School of chemical science S.R.T.M.U.N)

- 7) Dr. S.D. Delekar
(Expert from outside nominated by A.C.)
(Dept. of chemistry Dr. BAMU. subcentre Osman)
- 8) Dr. B. B. Idge -
(Scientist - NCL)
- 9) Dr. B.R. Arbad) (Expert by V.C) →
(Dept. of chemistry)
(Dr. BAMU, Aurangabad)
- 10) Dr. Siddappa:
(Expert by V.C)
(Gulbarga University, Karnataka).
- 11) Dr. S.P. Lawande
(Expert by V.C)
(Maharaja Jivangirao shinde Mahavidyalaya,
Shrigonda. Dist - Ahmednagar).
- 12) Dr. T.K. Chondekar
(Expert by V.C)
(Dept of chem. Dr. BAMU, Aurangabad)
- 13) Dr. S.T. Nadiboor.
(Expert by V.C)
(Dept. of chem. Karnataka University,
Dharwar - 3)

14) Prof. Prasad Kadam
(PG. Alumni)

(Dept. of Chem, Kumar Swami Mahavidyalaya)
Ausa, dist. Latur)

15) Dr. K.G. Maske.
(member)

- The chairman extended a warm welcome to all the participants in the meeting and thanked them for sparing their precious time to participate in the meeting. At the outset, the chairman gave a brief account of the core activities of the department and the agenda of meeting was taken up for discussion.

- Prof. B.S. Chandrabansi gave presentation on the proposed curriculum of the Analytical Chemistry, B.Sc. I year (Sem-I & II) program, this program has been designed perfectly to address the market needs. For this curriculum of other universities may also be referred.

- After discussion the board unanimously passed the following resolution.-

Faculty of science
Department of Chemistry and Analytical
Chemistry.

BOS - Chemistry.

MINUTES OF MEETING OF BOARD OF STUDIES
HELD ON :- 25/05/2014.

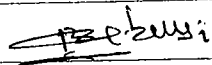
- The meeting of board of studies of chemistry was held on 25/05/2014 at 10:00 am.
Prof. B.S. Chandrabansi, HOD of Chemistry & Analytical chemistry, chaired the meeting.

- The agenda of the meeting was-

- 1) Preparation of the skeleton of the syllabus for B.Sc. II year (chemistry) in view of autonomous college.
- 2) Preparation of the skeleton of the syllabus for M.Sc. I year (organic chemistry).
- 3) To revise the syllabus of B.Sc. I year.
- 4) Any other matter with permission of the chair.

- The following members participated in the meeting.

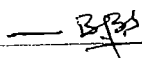
1) Prof. B.S. Chandrabansi
(Chairman).



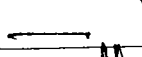
2) Dr. S.D. Salunke. (member)



3) Prof. B.B. Sanap (member)



4) Prof. D.G. Palke (member)



5) Prof. K.I. Momin (member)



6) Dr. R.A. Mane

(Dept. of chem. Dr. BAMU, Aurangabad)

(Expert from outside nominated by A.C.)

7) Dr. S.D. Deosarkar.



(School of chem. science, SRMUN)

(Expert from outside nominated by A.C.)

8) Dr. B.S. Dasane

(School of chem. science, SRTMUN)

(Expert by V.C)

9) Dr. R.N. Shirsat.

(Dept of chem, Goa University, Panji)

(Expert by V.C)

10) Dr. Bapu Shingate.

(Dept. of chem, Dr. BAMU Aurangabad)

(Expert by V.C)

11) Prof. A.T. Pokale.

(expert by V.C).

12) Dr. B.R. Arbad

(Dept of chem. Dr. BAMU, Aurangabad)

(Expert by V.C)

13) Dr. Shrikant Patil.

(Director, student welfare. Sant Gadge Baba University, Amravati (M.s))

14) Mr. R.S. Patil.

(Expert from industry)

15) Prof. A.R. Karad.

(MGM, Ahamadpur, PG Alumni)

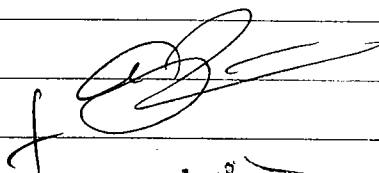
16) Dr. E.U. Masumdar.

(Other member of the staff of same faculty).

- The chairman extended a warm welcome to all the participants in the meeting and thanked them for sparing their precious time to participate in the meeting. At the outset the chairman gave a brief account of the core activities of the department and the agenda of the meeting was taken up for discussion.
- Prof. B.B. Sanap gave presentation on the proposed curriculum of M.Sc. I year ^{& B.Sc. II} program. This program has been designed perfectly to address the market needs.
- Curriculum of other universities / Institutes may also be referred.
- The existing curricula (B.Sc. I) year required to be revised by the group of subject experts and faculty especially with reference to credit & time allocation to the course.
- The curricula for B.Sc. II year & M.Sc. I year was also framed for academic year 2014-15.
- After discussion, the board unanimously passed the following resolution:-
 - 1) It was decided ~~to~~ to keep the same syllabus for B.Sc. II year as of the parent university.
 - 2) It was decided to keep the same syllabus for M.Sc. I year (organic chem) as of the parent university.
 - 3) The board also resolved that each of the course carries maximum marks 50 for UG and 100 for PG, & maximum credits 2 for UG

and 4 P at PG level.

- The board also resolved to authorise the chairman to forward the draft syllabus for the approval of the academic council.
- Prof. D.G. Palke expressed the vote of thanks to all the members of the board and the meeting is terminated at 5:00 pm.

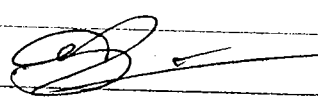
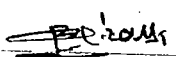

Principal
Rajarshi Shahu Mahavidyalaya,
LATUR-413 512

Faculty of science

Department of Chemistry and Analytical Chemistry

BOS - Analytical Chemistry.

MINUTES OF BOARD MEETING HELD ON :-
25/05/2014

- The meeting of board of studies of the Analytical chemistry was held on 25/05/2014 at 10.00 am in the presence of Hon'ble Vice-principal of Institute, Dr. S. D. Salunke, at the department of chemistry and Analytical Chemistry.
- The agenda of the meeting was -
 - 1) To design the new syllabus of B.Sc.II analytical chemistry.
 - 2) To revise the syllabus of B.Sc.I year analytical chemistry.
 - 3) Any other matter with the permission of the chair.
- The following members participated in the meeting :-
 - 1) Dr. S.D. Salunke. - 
(chairman)
 - 2) Prof. B.S. Chandrabansi - 
(member)

- 3) Prof. B. B. Sanap (member) - BPS
- 4) Prof. D. G. Palke (member) - esj/12
- 5) Prof. K. I. Momin (member) - 11
- 6) Dr. H. R. Tale
(School of Chemical Science S.R.T.M.U.N)
(expert from outside nominated by A.C.)
- 7) Dr. S. D. Detekar.
(Dept. of Chemistry, Dr. BAMU, Subcentre. Asn)
(expert from outside nominated by A.C.)
- 8) Dr. B. B. Idge.
(Scientist - NCL)
(expert by V.C.)
- 9) Dr. B. R. Arbad
(Dept. of Chem., Dr. BAMU, Aurangabad)
(expert by V.C.)
- 10) Dr. Siddappa.
(Gulberga University, Karnataka)
(expert by V.C.)
- 11) Dr. S. P. Lawande
(Maharaj Jivajirao Shinde Mahavidyalaya,
Shrigonda, Ahmednagar) (expert by V.C.)

12) Dr. T. K. Chondekar.

(Dept. of chem. Dr. BAMU, Aurangabad)

(expert by V.C)

13) Dr. S.T. Nadibeoor.

(Dept. of chem. Karnataka university,
Dharwar. S)

(expert by V.C)

14) Prof. Prasad Kadam -

(Dept. of chemistry, Kumar Swami
Mahavidyalaya, Ausa, dist - Latur)

(PG alumni)

15) Dr. K.G. Maske

(member)

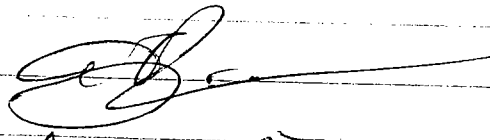
→ The chairman extended a warm welcome to all the participants in the meeting and thanked them for sparing their precious time to participate in the meeting. At the outset the chairman gave a brief account of the core activities of the department & the agenda of the meeting was taken up for discussion.

- Prof. B.S. Chandrabansi, gave a presentation on the proposed curriculum of B.Sc. II year (sem. III & IV) program. This program has been designed perfectly to address the market needs.
- Curriculum of other universities / Institutes may also be referred.
- The existing curricula of B.Sc. I year required to be revised by the group of subject experts and faculty especially with reference to credit & time allocation to the course.
- The curricula for B.Sc. II year, analytical chemistry was also framed for academic year 2014-15.
- After discussion, the board unanimously passed the following resolution:-
 - 1) It was decided to keep the same syllabus for B.Sc. II year as of the parent university.
 - 2) The board also resolved that each of the course carries maximum marks

50 & maximum credits 2 at UG level.

The board also resolved to authorise the chairman to forward the draft syllabus for the approval of the academic council.

- Prof. K.I. Momin expressed the vote of thanks to all the members of the board & the meeting is terminated at 05.00 pm.


Principal
Rajarshi Shahu Mahavidyalaya,
LATUR-413 512

Faculty of Science.

Department of Chemistry and Analytical Chemistry.

BOS - Chemistry.

MINUTES OF BOARD MEETING HELD ON :- 23/06/2015.

- The meeting of board of studies of chemistry was held on 23/06/2015 at 10:00 am.

Prof. B. S. Chandrabansi, HOD, chaired the meeting.

- The agenda of the meeting was :-

1) Preparation of the skeleton of the syllabus for B.Sc. III year.

2) Preparation of the ~~syll~~ skeleton of the syllabus for M.Sc. II year (organic chemistry).

3) Revise the syllabus of B.Sc. I & II year and M.Sc. I year.

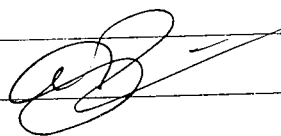
4) Any other matter with the permission of chair.

- The following members participated at the meeting.

1) Prof. B. S. Chandrabansi.
(Chairman).

~~B.S. Chandrabansi~~

2) Dr. S. D. Salunke.
(member)

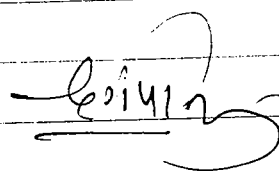


3) Prof. B. B. Sanap.
(member).

- ~~B.B. Sanap~~

4) Prof. D. G. Patil.
(member).

-



16) Dr. E. U. Masumdar.

(Other member of the staff of same faculty).

- The chairman welcomed to all the participants in the meeting and thanked them for sparing their precious time to participate in the meeting. At the outset the chairman gave a brief account on the core activities of the department & the agenda of the meeting was taken up for the discussion.
- Prof. B. B. Sanap gave a presentation on the proposed curriculum of M.Sc. II year program and B.Sc. III year program.
- The existing curricula for B.Sc. I & II year and M.Sc. I year is required to be revised by a group of subject expert & faculty especially with reference to the credit & time allocation to the course.
- The curricula for B.Sc. III year chemistry & M.Sc. II year chemistry also framed for academic year 2015-16.
- After thorough discussion, the board unanimously passed the following resolution.
 - 1) It was decided to keep the ^{same} syllabus of B.Sc. III year as of the parent University.

2) In the M.Sc. II year of the course we may have electives providing the choice to the

6) Prof. R. A. Mane.
(Dept. of chem, Dr. BAMU, Aurangabad)
(Expert from outside nominated by A.C.)

7) Dr. S. D. Deosarkar. 80
(School of chemical science, SRTMUN)
(Expert from outside nominated by A.C.)

8) Dr. B. S. Pawane
(School of chemical science, SRTMUN)
(Expert by V.C.)

9) Dr. R. N. Shirsat.
(Dept of chem, Goa university, Panaji)
(Expert by V.C.)

10) Dr. Bapu Shingate.
(Dept of chem, Dr. BAMU, Aurangabad)
(Expert by V.C.)

11) Prof. A. T. Pokale
(Expert by V.C.)

12) Dr. B. R. Arbad.
(Dept. of chem, Dr. BAMU Aurangabad)
(Expert by V.C.)

13)

Dr. Shrikant Patil.
(Expert from Industry).
(Director, Student welfare, Sant Gadge Baba
University, Amravati)

14) Mr. R. S. Patil.
(Expert from Industry).

- i) Medicinal chemistry = Polymer chemistry
ii) Applied organic chemistry - Dyes & Intermediates.

3) It was resolved to introduce the following units by replacing the units of the university syllabus.

i) Unit II - d-metal organometallic chemistry (Inorganic chem, Sem-I) in place of unit Inorganic reaction mechanism at M.Sc. I year.

ii) Unit III - Inorganic Spectroscopy (Inorganic Chem, sem-II) in place of catalysis at M.Sc. I.

iii) Unit-IV - Elimination reaction (Organic Chem, sem-I) in place of photochemistry at M.Sc. I year.

iv) Unit -I- Free radical reactions (Organic Chem. Sem -II) in place of Elimination reaction. M.Sc. I year.

v) Unit-IV - Photochemistry (Organic chem, Sem-II) in place of stereochemistry. at M.Sc. I.

4) The board resolved that each of the course carries maximum marks 50 for U.G and 100 PG and maximum marks ~~100~~ & credits 2 UG and 4 at PG level.

- Prof. K. I. Momin expressed the vote of thanks to all the members of the board

Faculty of science
Department of chemistry and Analytical
chemistry.

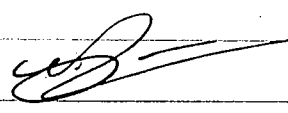
BOS - Analytical Chemistry.

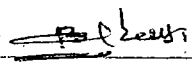
MINUTES OF BOARD MEETING HELD ON :-
23/06/2015.

- The meeting of board of studies of Analytical chemistry was held on 23/06/2015 at 10:00 am. Dr. S.D. Salunke, @ vice-principal of R.S.M.L., chaired the meeting.

- The agenda of the meeting was -
- 1) Preparation of skeleton of syllabus for B.Sc. III analytical chemistry.
 - 2) To revise the syllabus of B.Sc. I and B.Sc. II year.
 - 3) Any other matter with permission of the chair.

- The following members participated in the meeting :-

1) Dr. S.D. Salunke - 
(chairman)

2) Prof. B.S. Chandrabansi - 
(member)

3) Prof B. B. Sanap - — BBS
(member)

4) Prof. D. G. Palkse — Expiring
(member)

5) Prof. K. I. Momen.
(member)

Expiring

6) Dr. H. B. Tale.

(School of Chem Science, S.R.T.M.U.N)
(expert from outside nominated by A.C)

7) Dr. S. D. Delekar.

(Dept. of Chem, Dr. B.A.M.U, subcentre - Osmanabad)
(expert from outside nominated by A.C)

8) Dr. B. B. Idge
(Scientist - NCL)
(expert by N.C)

9) Dr. B. R. Arbad.

(Dept. of chem, Dr. B.A.M.U, Aurangabad)
(expert by N.C)

10) Dr. Siddappa

(Gulberga University, Karnataka)
(expert by N.C)

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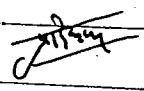
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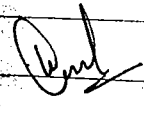
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11) Dr. S. P. Lawande
(Maharaj Jirajirao Shinde Mahavidyalaya,
Shrigonda, Ahmednagar)
(expert by V.C.)

12) Dr. T. K. Chondekar.
(Dept. of Chem, Dr. BAMU, Aurangabad)
(expert by V.C.)

13) Dr. S. T. Nadibeoor.
(Dept. of Chem, Karnataka University,
Dharwar - 3)
(expert by V.C.)

14) Prof. Prasad Kadam. 
(Dept. of Chem, Kumar Swami Mahavidya-
laya, Ausa. dist - Latur)
(PG Alumni)

15) Dr. K. G. Maske
(member) 

- The chairman extended a warm welcome to all the participants in the meeting and thanked them for sparing their precious time to participate in the meeting. At the outset, the chairman gave a

brief account of the core activities of the department and the agenda of meeting ~~was~~ was taken up for discussion.

- Prof. B.S. Chandrabansi gave a presentation on the proposed curriculum of B.Sc. III analytical chemistry programme. This programme has been designed perfectly to address the market needs.

- Curriculum of other universities / Institutes may also be referred.

- The existing curricula for B.Sc. I year and B.Sc. II year required to be revised by the group of subject experts and faculty especially with reference to credit & time allocation to the course.

- The curricula for B.Sc. III year analytical chemistry was also framed for academic year 2015-16.

- After discussion, the board unanimously passed the following resolution -

1) It was decided to keep the same syllabus for B.Sc. III year as of the

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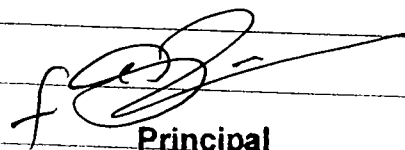
- Prof.
thank
and
05:00

parent university).

2) The board also resolved that each of the course carries maximum marks 50 & maximum credits 2 at UG level.

3) The board also resolved to authorise the chairman to forward the draft syllabus for the approval of the academic council.

- Prof. K.I. Monin expressed the vote of thanks to all the members of the board and the meeting is terminated at 05:00 pm.


Principal
Rajarshi Shahu Mahavidyalaya,
LATUR-413 512

Faculty of Science.

Department of Chemistry and Analytical Chemistry

BOS - Chemistry.

MINUTES OF BOARD MEETING HELD ON :-

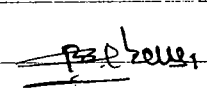
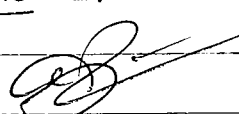
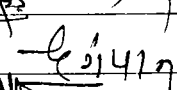
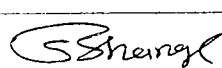
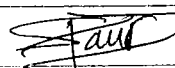
18/04/2016.

- The meeting of board of studies of chemistry was held on 18/04/2016 at 10:00 am in the presence of Hon'ble - principal of Institute Dr. S.D. Salunke at department of Chemistry and Analytical Chemistry. Prof B.S. Chandrabansi chaired the meeting.

- The agenda of the meeting was -

- 1) To revise the syllabus of B.Sc. I, II and III year chemistry.
- 2) To revise the syllabus of M.Sc. I & II year organic chemistry.
- 3) Any other matter with the permission of chair.

- The Following members participated at the meeting -

- 1) Prof. B.S. Chandrabansi (chairman) 
- 2) Dr. S.D. Salunke (member). 
- 3) Prof. B.B. Sanap (member) - 
- 4) Prof. D.G. Palke (member) - 
- 5) Prof. K.F. Momin (member) 
- 6) Prof. S.B. Bagal (member)
- 7) Prof. S.T. Bhange (member) 
- 8) Prof. S.M. Taur (member) 
- 9) Prof. U.A. Solanke (member).

- The chairman extended a warm welcome to all the participants in the meeting and thanked them for sparing their precious time to participate in the meeting.

At the outset, the chairman gave a brief account of the core activities of the dept. and the agenda of the meeting was taken up for discussion.

- After a discussion the board unanimously passed the following resolution -

1) The Board resolved to introduce the following changes in course content.

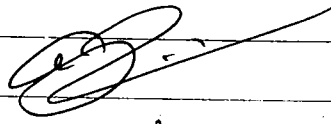
i) B.Sc. III - Unit-I - Electrophilic substitution reaction was added.
(Org. chem)
(Sem - V) Unit-II - Reagents (H_2O_2 , NaBH_4 , periodic acid, Boron trifluoride) were dropped from syllabus.

ii) M.Sc. I - Unit-I - Marcus Theory & complementary & non-complementary reaction.
(Inorg chem)
(Sem - I) - Tunneling mechanism were dropped from previous syllabus.

2) It was also resolved to introduce following units by replacing the units of previous syllabus.

i) Unit-I - Elimination reaction (Organic reaction sem-II) in place of Addition reaction.

- 3) The board also resolved that each of the course carries maximum marks 50 for UG and 100 for P.G and maximum credits 2 UG and 4 at PG level.
- 4) The Board also resolved to authorise the Chairman to forward the draft syllabus for approval of the academic council.
- Prof. D.G. Palke expressed the vote of thanks to all the members of the board and the meeting is summed up at 5.00 pm.


Principal
Rajarshi Shahu Mahavidyalaya
LATUR-413 512

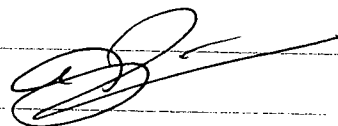
Faculty of science.
Department of chemistry and Analytical
Chemistry.

BOS - Analytical Chemistry.

MINUTES OF BOARD MEETING HELD ON : 18/04/2016

- The meeting of board of studies of the Analytical chemistry was held on 18/04/2016 at 10:00 am. Dr. S.D. Salunke, Hon'ble Principal of R.S.M.L chaired the meeting.
- The agenda of the meeting was :-
 - 1) To revise the syllabus of analytical chemistry for B.Sc. I, II and III year (Theory + Practicals).
 - 2) Any other matter with the permission of the chair.
- The following members participated in the meeting

1) Dr. S.D. Salunke.
(Chairman)



2) Prof. B.S. Chaudrabansi.
(member)

~~Prof. B.S. Chaudrabansi~~

3) Prof. B.B. Sanap (member)

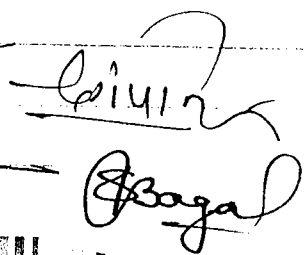
— BBS

4) Prof. D.G. Patke (member)

5) Prof. K.I. Momin (member)

6) Prof. S.B. Bagal (member)




S.B. Bagal

7) Prof. U.A. Solanke

8) Prof. S.T. Bhange

9) Prof. S.M. Taur

10) Prof. V.N. Ainala

Bhange

Taur

Ainala

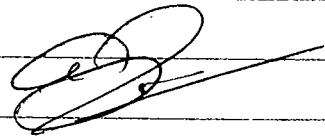
- The chairman extended a warm welcome to all the participants in the meeting and thanked them for sparing their time to participate in the meeting. At the outset, the chairman gave a brief account of the core activities of the department & the agenda of meeting was taken up for the discussion.
- The existing curricula for B.Sc. I, II & III year analytical chemistry required to be revised by the group of subject experts and faculty especially with reference to credit and time allocation to the course.
- After the discussion, the board unanimously passed the following resolution -

1) It was decided that, the syllabus of previous academic year (2015-16) for B.Sc. I, II, III year programme will be retain as it is with minor corrections for academic year 2016-17.

2) The board resolved that each of the course carries maximum marks 50 & maximum credits 2 at U.G level.

3) The board also resolved to authorise the chairman to forward the draft syllabus for approval of the academic council.

- Prof. D.G. Palke expressed vote of thanks to all the members of the board and the meeting is ~~is~~ is concluded at 5.00 pm.



Principal
Rajarshi Shahu Mahavidyalaya,
LATUR-413 512

Meeting
A Discussion of meeting held on
23/06/2015 under chemistry B.O.S.

It is resolved to;

- 1) The syllabus of S.R.T.M. U. Nanded for IIIrd and IVth semester taken as it is for IIIrd and IVth semester of R.S.M.L. (Autonomous) for the academic year 2015-16.
- 2) It is resolved to implement new syllabus prepared by B.O.S. in chemistry for I and II semester from academic year 2015-16.
- 3) The new syllabus of III and IV semester be prepared by calling a meeting B.O.S. and implemented from academic year 2016-17.

- 1) Prof: B.S. Chandrabansi — B.S. Chandrabansi
23-06-2015
- 2) " B.B. Sanap. — B.B. Sanap
- 3) " D.H. Patil. — D.H. Patil
- 4) " K.I. Momin. — K.I. Momin
23-06-15
- 5) " A.R. Karad. — A.R. Karad
- 6) " U.A. Solanke — U.A. Solanke
- 7) " S.M. Taur — S.M. Taur
- 8) " S.T. Bhange — S.T. Bhange

B.Sc T.Y A.Chemistry (sem VI)	2017- 18	Applied Analytical Chemistry-XII	U-ANC-662	Unit II Cosmetic Analysis (new unit)	No Change
B.Sc T.Y A.Chemistry (sem VI)	2017- 18	Analytical Chemistry Laboratory Course - IX	U-ANC-663	Minor Change	Minor Change
B.Sc T.Y A.Chemistry (sem VI)	2017- 18	Analytical Chemistry Laboratory Course - X	U-ANC-664	Minor Change	Minor Change

B.Sc Chemistry 2015-16:

Course	Year	Course Title	Course Code	Content added	Content deleted
B.Sc.(I) Sem I (General Chemistry)	2015-16	Lab Course VII (Physical Chemistry)	CH-427	No Changes	
B.Sc.(I) Sem I (General Chemistry)	2015-16	Lab Course VIII (Analytical Chemistry)	CH-428	No Changes	
B.Sc.(I) Sem I (General Chemistry)	2015-16	Laboratory Course-I (III)	PCH-103	No Changes	
B.Sc.(I) Sem II (General Chemistry)	2015-16	Physical and Inorganic Chemistry(IV)	TCH-104	No Changes	
B.Sc.(I) Sem II (General Chemistry)	2015-16	Organic and Inorganic Chemistry(V)	TCH-105	No Changes	
B.Sc.(I) Sem II (General Chemistry)	2015-16	Laboratory Course-II (VI)	PCH-106	No Changes	
B.Sc S.Y Sem III (General Chemistry)	2015-16	Physical and Inorganic Chemistry(V)	TCH-201	No Changes	
B.Sc S.Y Sem III (General Chemistry)	2015-16	Organic and Inorganic Chemistry(VI)	TCH-202	No Changes	
B.Sc S.Y Sem III	2015-16	Laboratory Cours (III)	PCH-203	No Changes	

B.Sc Analytical Chemistry 2017-18

Course	Year	Course Title	Course Code	Content added	Content deleted
B.Sc S.Y Sem III	2017-18	Inorganic and Organic Analysis-V	U-ANC-355	No Changes	No Changes
B.Sc S.Y Sem III	2017-18	Environmental & Food Analysis	U-ANC-356	No Changes	No Changes
B.Sc S.Y Sem III	2017-18	Analytical Chemistry Laboratory Course – III	U-ANC-357	Minor Changes	Minor Changes
B.Sc S.Y Sem III	2017-18	Analytical Chemistry Laboratory Course – IV	U-ANC-358	Minor Changes	Minor Changes
B.Sc S.Y Sem IV	2017-18	Analysis of Industrial Products and Quality Concepts-VII	U-ANC-455	No Changes	No Changes
B.Sc S.Y Sem IV	2017-18	Radiochemical, Thermal, Optical and Chromatographic Methods-VIII	U-ANC-456	No Change	No Change
B.Sc S.Y Sem IV	2017-18	Analytical Chemistry Laboratory Course – V	U-ANC-457	No Change	No Change
B.Sc S.Y Sem IV	2017-18	Analytical Chemistry Laboratory Course – VI	U-ANC-458	Minor Changes	Minor Changes

B.Sc Analytical Chemistry 2015-16

Course	Year	Course Title	Course Code	Content added	Content deleted
B.Sc.(I) Sem I (A.chemistry)	2015-16	General Concepts of Analytical Chemistry(I)	CHAC-101	No Changes	
B.Sc.(I) Sem I (A.chemistry)	2015-16	Basic Analytical Chemistry and Titrimetry(II)	CHAC-102		
B.Sc.(I) Sem I (A.chemistry)	2015-16	Laboratory Course- I (III)	CHAC-103		
B.Sc.(I) Sem II (A.chemistry)	2015-16	Errors,Statistical Treatment of Analytical data and Seperation Techniques(IV)	CHAC-104		
B.Sc.(I) Sem II (A.chemistry)	2015-16	Gravimetric methods of Analysis,Laborator y Reagents and Solvents (V)	CHAC-105		
B.Sc.(I) Sem II (A.chemistry)	2015-16	Laboratory Course- II (VI)	CHAC-106		

B.Sc.F.Y : Analytical Chemistry 2017-18

Course	Year	Course Title	Course Code	Content added	Content deleted
B.Sc.(I) Sem I A.Chemistr y	2017-18	General Concepts of Analytical Chemistry(I)	U-ANC-150	No Change	
B.Sc.(I) Sem I A.chemistry	2017-18	Basic Analytical Chemistry and Titrimetry(II)	U-ANC-151		
B.Sc.(I) Sem I A.chemistry	2017-18	Laboratory Course-I (III)	U-ANC-152		
B.Sc.(I) Sem II A.chemistry	2017-18	Errors,Statistical Treatment of Analytical data and Seperation Techniques(IV)	U-ANC-249		
B.Sc.(I) Sem II A.chemistry	2017-18	Gravimetric methods of Analysis,Laboratory Reagents and Solvents (V)	U-ANC-250		
B.Sc.(I) Sem II A.chemistry	2017-18	Laboratory Course-II (VI)	U-ANC-251		

M.Sc Chemistry 2015-16

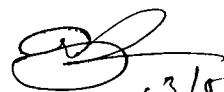
Course	Year	Course Title	Course Code	Content added	Content deleted
M.ScI Sem I	2015-16	Inorganic chemistry	P-INC-139	Unit I Marcus theory -complementary and non complementary reaction -isomerisation and recemisation Unit II Inorganic Reaction Mechanism (new unit) Unit III Spectral properties of metal complexes 3.1 Introduction, Band intensities, band energies, band width, and shapes. 3.2 Spectra of 1st, 2nd and 3rd row ions and rare earth ions complexes. 3.3 Spectrochemical and nephelauxetic series. IR and Raman Spectroscopy with reference to	Unit II d- metal Organometallic chemistry (deleted unit)

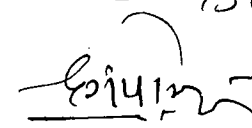
BOS Analytical Chemistry

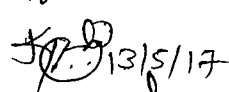
Members

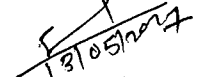
Singnature

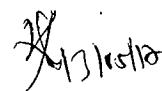
1) Dr.S.D.Salunke	Chairman
2)Mr.B.B.Sanap	Member
3) Mr.D.G.Palke	Member
4) Mr.K.I.Momin	Member
5) Mr.K.C.Tayade	Member
6) Mr.M.S Sudewad	Member
7) Dr.C.V Reddy	A.C Member
8) Dr.D.H.More	A.C Member
9) Dr.Mrs.S.S Makone	V.C Nominee
10) Mr.R.S patil	Expert from Industry
11) Mr.P.D.Kadam	P.G Alumni
12) Mr.G.R.Nagargoje	P.G.Alumni
13)Dr.V.S.Shembekar	Member (From same faculty)


13/05/2017


13/05/17


13/05/17


13/05/2017


13/05/17

				metal-sulphur bands -Interpretation of electronic spectra for octahedral Ni(II), Cr(III) and square planar complexes for d^8 ions such as Ni(II), Pd(II), Pt(II) Unit IV New Unit	
M.ScI Sem I ○	2015-16			Unit I Reaction mechanism, structure and Reactivity Delocalised chemical bonding- conjugation, Cross-conjugation, Resonance, Hyperconjugation, Tautomerism Unit II New unit Aromaticity,	-Determining mechanism of a reaction, product analysis, kinetic studies, stereochemical outcomes, detection and trapping of intermediate, crossover experiment Primary Kinetic and secondary kinetic isotope - Molecular Orbital Theory, ii) Resonance Theory. Huckel's $(4n+2)\pi$ electron rule of aromaticity, aromaticity in benzenoids compound, alterant and non alterant hydrocarbons, aromaticity in non-benzenoid compounds, annulenes and hetero annulenes,

M.Sc. II Sem IV	2017-18	Applied Organic Chemistry	P-AOC-442	
M.Sc. II Sem IV	2017-18	Lab Course-XII	P-LAC-443	
M.Sc. II Sem IV	2017-18	Lab Course –XIII	P-LAC-444	
M.Sc. II Sem IV	2017-18	Lab Course XIV	P-LAC-445	
M.Sc. II Sem IV	2017-18	Lab Course XV (Project)	P-LAC-446	

			aromaticity in benzenoids Unit III Substitution reaction A) Electrophilic B) Nucleophilic No change Unit IV Elimination Reaction (new unit)	No change Photochemistry (deleted unit)
M.Sc I	2015-16	Physical Chemistry	Unit I No change Unit II Classical thermodynamics -Maxwell's thermodynamic relations. -Ideal and non ideal solutions (Raoult's law), Excess functions for non-ideal solutions. UNIT III Statistical Thermodynamics and Phase Rule M-B, F-D and B-E statistics, Differences between them. Unit IV Electrochemistry : -Over potential & its types. -Exchange current	No change No change Crystallography Thermodynamics of electrified equation , interface equation , Derivation of electrocapillary,

				Unit III Catalyst (new topic)	Unit III Inorganic Spectroscopy (deleted topic)
M.Sc. F.Y Sem II	2017-18	Organic Chemistry	P-ORC-241	No Change	
M.Sc. F.Y Sem II	2017-18	Physical Chemistry	P-PHC-242		
M.Sc. F.Y Sem II	2017-18	Physical methods in Chemistry	P-PMC-244		
M.Sc. F.Y Sem II	2017-18	Lab Course V (Inorganic Chemistry)	P-LAC-245		
M.Sc. F.Y Sem II	2017-18	Lab Course VI (Organic Chemistry)	P-LAC-246		
M.Sc. F.Y Sem II	2017-18	Lab Course VII (Physical Chemistry)	P-LAC-247		
M.Sc. F.Y Sem II	2017-18	Lab Course VIII (Physical methods in Chemistry)	P-LAC-248		
M.Sc. II Sem III	2017-18	Advanced Spectroscopic Methods	P-ASM-339		
M.Sc. II Sem III	2017-18	Organic Transformation	P-OTF-340		
M.Sc. II Sem III	2017-18	Chemistry of Natural Products	P-CNP-341		
M.Sc. II Sem III	2017-18	Medicinal Chemistry	P-MCC-342		
M.Sc. II Sem III	2017-18	Lab Course-IX	P-LAC-343		
M.Sc. II Sem III	2017-18	Lab Course –X	P-LAC-344		
M.Sc. II Sem III	2017-18	Lab Course XI	P-LAC-345		
M.Sc. II Sem IV	2017-18	Advanced Synthetic Methods	P-ASM-439		
M.Sc. II Sem IV	2017-18	Stereochemistry	P-STE-440		
M.Sc. II Sem IV	2017-18	Advanced Heterocyclic Chemistry	P-AHC-441		

				density, derivation of Butler – Volmer equation, Tafel equations & Tafel plot.	lippman equation
M.ScI Sem I	2015-16	Analytical chemistry		Totally new syllbus	
M.ScI Sem I	2015-16	Lab Course I (Inorganic Chemistry)			
M.ScI Sem I	2015-16	Lab Course II (Organic Chemistry)			
M.ScI Sem I	2015-16	Lab Course III (Physical Chemistry)			
M.ScI Sem I	2015-16	Lab Course (Physical methods in Chemistry)			
M.Sc I Sem II	2015-16	INORGANIC Chemistry		Unit I No change Unit – II Metal ligand equilibria in solution : Unit III Inorganic Spectroscopy (new unit) Unit-IV	-Iron Storage protein Ferritine - Iron transporting biomolecule – Transferritine Catalysis (deleted unit)

M.sc I and II year: 2017-18

Course	Year	Course Title	Course Code	Content added	Content deleted
M.Sc. F.Y Sem I	2017-18	Inorganic Chemistry	P-INC-142	No Change	
M.Sc. F.Y Sem I	2017-18	Organic Chemistry	P-ORC-143		
M.Sc. F.Y Sem I	2017-18	Physical Chemistry	P-PHC-144		
M.Sc. F.Y Sem I	2017-18	Physical methods in Chemistry	P-PMC-145		
M.Sc. F.Y Sem I	2017-18	Lab Course I (Inorganic Chemistry)	P-LAC-143		
M.Sc. F.Y Sem I	2017-18	Lab Course II (Organic Chemistry)	P-LAC-144		
M.Sc. F.Y Sem I	2017-18	Lab Course III (Physical Chemistry)	P-LAC-145		
M.Sc. F.Y Sem I	2017-18	Lab Course (Physical methods in Chemistry)	P-LAC-146		
M.Sc. F.Y Sem II	2017-18	Inorganic Chemistry	P-INC-241	Unit II A) Raman Spectroscopy. Principle, difference between IR and Raman spectroscopy, Raman spectra of inorganic compound. B) ESR Spectroscopy. Comparison between ESR and NMR spectroscopy types of substances with unpaired electron, theory of transition metal ion as ESR indicator ion.	Spectroscopic method

				Organometallics & Solid state chemistry And nanochemistry A)organometallics Newly added part B) Solid state Chemistry : 4.4 Electronic structure of solids and band theory, Fermi level K-space, and Brillouin zones. Limiting radius ratio, coordination number and their relationship	Introduction , relation between limiting radius ratio, coordination no. and shape -Ionic structure of NaCl, rutile structure of TiO_2, B-crstobalite structure of SiO_2 and layer structure of CdI
M.Sc. F.Y Sem II	2015-16	Organic chemistry		Unit I Free radical reactions (new Unit) Unit II Addition reaction No change Unit III Pericyclic reaction No change Unit IV Photochemistry New unit	Elimination Reaction (deleted unit) A) stereochemical addition reaction X_2 and HX in (E)-but-2-ene, (Z)-but-2-ene, fumaric acid and cyclopentene No change Stereochemistry Deleted unit
M.Sc. F.Y Sem II	2015-16	Physical Chemistry		Unit I :- Chemical Kinetics and reaction dynamics New unit	

B.Sc.T.Y Sem V	2017-18	Laboratory Course - VII	U-CHE-559	No changes	No changes
B.Sc.T.Y Sem V	2017-18	Laboratory Course - VIII	U-CHE-560	No changes	No changes
B.Sc.T.Y Sem VI	2017-18	Physical and Inorganic Chemistry	U-CHE-657	No changes	No changes
B.Sc.T.Y Sem VI	2017-18	Organic and Inorganic Chemistry	U-CHE-658	Inorganic chemistry Chemistry of non transition elements (new unit)	Cationic Compounds of Iodine (deleted unit)
B.Sc.T.Y Sem VI	2017-18	Laboratory Course - IX	U-CHE-659	No changes	No changes
B.Sc.T.Y Sem VI	2017-18	Laboratory Course - X	U-CHE-660	No changes	No changes

				Unit II :- Surface Chemistry (new unit) i. Kelvin equation for vapour pressure of droplets. Unit III :- Micelles & Macromolecules : Unit IV - Physical Organic Chemistry : New unit	Surface films on liquid and catalytic activity A) Micelles Hydrophobic interactions, counter ion bonding to micelles B) Macromolecules Mechanism of polymerization -Diffusion
M.Sc. F.Y Sem II	2015-16	Analytical chemistry		Totally new syllabus	
M.Sc. F.Y Sem II	2015-16	Practicals		No change in practicals	

B.Sc Chemistry 2017-18

Course	Year	Course Title	Course Code	Content added	
B.Sc F.Y Sem I	2017-18	Organic and Inorganic Chemistry	U-CHE-148	No Change	
B.Sc F.Y Sem I	2017-18	Laboratory Course-I	U-CHE-149		
B.Sc F.Y Sem II	2017-18	Physical and Inorganic Chemistry	U-CHE-246		
B.Sc F.Y Sem II	2017-18	Organic and Inorganic Chemistry	U-CHE-247		
B.Sc F.Y Sem II	2017-18	Laboratory Course-II	U-CHE-248		
B.Sc S.Y Sem III	2017-18	Physical and Inorganic Chemistry	U-CHE-351		
B.Sc S.Y Sem III	2017-18	Organic and Inorganic Chemistry	U-CHE-352		
B.Sc S.Y Sem III	2017-18	Laboratory Course-III	U-CHE-353		
B.Sc S.Y Sem III	2017-18	Laboratory Course-IV	U-CHE-354		
B.Sc S.Y Sem IV	2017-18	Physical and Inorganic Chemistry	U-CHE-451		
B.Sc S.Y Sem IV	2017-18	Organic and Inorganic Chemistry	U-CHE-452		
B.Sc S.Y Sem IV	2017-18	Laboratory Course-V	U-CHE-453		
B.Sc S.Y Sem IV	2017-18	Laboratory Course-VI	U-CHE-454		
B.Sc.T.Y Sem V	2017-18	Physical and Inorganic Chemistry	U-CHE-557	Minor Changes	Minor Changes
B.Sc.T.Y Sem V	2017-18	Organic and Inorganic Chemistry	U-CHE-558	No changes	No changes

BOS CHEMISTRY

Members

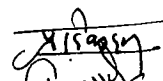
Signature

- | | |
|---------------------|----------------------------|
| 1) Mr. B.B.Sanap | Chairman |
| 2) Dr.S.D.Salunke | Member |
| 3) Mr.D.G.Palke | Member |
| 4) Mr.K.I.Momin | Member |
| 5) Mr.K.C.Tayade | Member |
| 6) Mr.M.S Sudewad | Member |
| 7) Dr.R.B.Bhosale | A.C Member |
| 8) Dr.Z.S.Qureshi | A.C Member |
| 9) Dr.S.D Deosarkar | V.C Nominee |
| 10) Mr.R.S patil | Expert from Industry |
| 11) Mr.P.D.Kadam | P.G Alumni |
| 12) Mr.V.G.Kalalawe | Member Co-op |
| 13) Dr.S.N Hallale | Member Co-op |
| 14) Mr.M.V Kanetkar | Member Co-op |
| 15) Dr.E.U Masumdar | Member (From same faculty) |


13/5/17


13/5/17


13/5/17


13/5/17

