

Date 28.2.12

Departmental Committee

Meeting 11.30 am onwards in
Chauras Campus.

Members present -

1. Prof. O. P. Sati, HOD, Chemistry
2. Prof. D. M. Joshi *Thy*
3. Prof. R. P. Bahuguna *Thy*
4. Prof. M. S. M. Rawat
5. Dr. S. Ali *MA*
6. Prof. V. S. Singh, Pauri Campus *Thy*
7. Dr. S. C. Sati *S*
8. Dr. M. C. Purohit *Thy*
9. Miss Namrata Ghildiyal *Ghu*
10. Geeta Joshi *Thy*
11. Dr. D. S. Negi *Thy*

Synopsis Presented

1. Phytochemical Screening & Pharmacological Activities of *Sarcococca Saligna* and *Urtica ardens*.

→ Ashok Kumar

Supervisor → Dr. S. C. Sati

Recommendation

Recommended for approval

Thy *S* *MA*
Thy *Thy* *Thy*
Ghu *Thy* *Thy*

Date.....

2. Amit Anthwal — Prof. M.S.M. Rawat
Synthesis and Biological Activity
Evaluation of Nitrogen Heterocyclic
Compounds.

Synopsis is recommended for
approval.

3. Charu Lalā — (i) Dr. D.S. Negei — Guide
Co-guide — (ii) Dr. Vinit Mehrotra
HIHT, Jollygrant

Study of Enzymatic, Kinetics and
Identification of Proteases isolated from
soil bacteria of Khatapani, Lachiwala,
and Gullarghati areas of Dehradun
District.

Synopsis is recommended
for approval.

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Date.....

4. Gita Saini — Dr. Shalini Pant

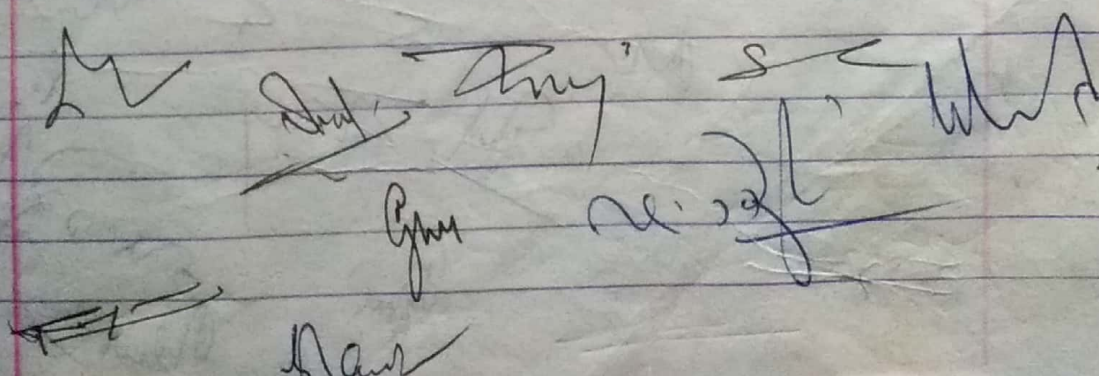
Fate of endocrine disturbing chemicals and personal care products in waste water treatment plants.

because ^{not} Synopsis is recommended for approval. ~~The~~ Centre is not an approved research Centre of the University ~~but the guide is an approved guide. The candidate is advised to add a Co-guide from~~
The candidate is advised to choose only approved guide and research centre of the University and resubmit the synopsis.

5. Jyoti Kundal — Dr. M.C. Purohit

Isolation, Characterization and Biological Evaluation of Some Dye Yielding Plants of Garhwal Himalaya.

• Synopsis is recommended for approval

The bottom of the page contains several handwritten signatures and initials. From left to right, there is a large stylized 'M', a signature that appears to be 'Dr. Jyoti', another signature 'S. Kundal', and a signature 'M.C. Purohit'. Below these, there are more initials and signatures, including 'Gm', 're. 22/11', and 'Daw'.

Date _____

6. Kusum Lata Dangwal — Dr. A.R. Semwal

Synthesis and Physico Chemical Studies
of Dihydroxy Chalcone and Their Interaction
with Bivalent V^{2+} , Fe^{2+} and
Trivalent As Transition Metal Ions.

Recommended for approval

Manjul Gondwal — Dr. Geeta Pant Joshi

7. Antioxidant Potential and Chemical
Analysis of Some Medicinal Plants
of Uttarakhand.

Recommended for approval.

dw S G W A
Prof. Dr. S. K. Singh
G. P. Singh
R. Singh
R. Singh

Date _____

1. Dr. S. Ali

8. E Mohd. Rashid

1. Dr. Mohd. Ayub Ansari

2. Bundelkhand Univ.

Jhansi (U.P.)

Electrochemical Studies on Synthetic
Membranes - - -

Synopsis is recommended for approval.
Dr. Mohd. Ayub Ansari, Associate Professor,
has been a recognized Chemist & working
on membranes. Therefore, Dr. Ansari
may be approved as a Co-guide.
~~Pl. Pl. Ordinance~~

9. Nitin Sharma — 1. Dr. Tanveer Alam
KLDV

2. Dr. Sushama Vileadkar
R.I.T. Roorkee

Water Treatment: Removal of Pesticides
Using Metal Ferri-cyanide

recommended for
Synopsis is approved and Dr. Tanveer
Alam is recommended for approval
as Supervisor.

Dr. Sushama Vileadkar, R.I.T. Roorkee
may not be approved as Co-guide.

~~Pl. Pl. Ordinance~~
Dr. Tanveer Alam
Dr. Sushama Vileadkar

Date _____

10. Pratap Singh

— Prof. O. P. Sat

Phytochemical Examination and
Biological Evaluation of High Altitude
Plants.

Synopsis is recommended
for approval

11. Rajendra Singh

— Prof. O. P. Sat

Studies on Chemical Constituents of
Some Medicinally Important

Synopsis is recommended for
approval

W.A. J

~~W.A. J~~

Am

Gym

Am

Am

S.C

W.A. J

11. Rajendra Singh Rana — Dr. Prashant Singh

Studies on Water Quality, Assessment and Treatment of Pharmaceutical Industries Waste Water

Synopsis is recommended for approval.
The Co-guides included ^{may} ~~are~~ not be approved.

12. ✓ Vivek Rawat — Dr. R.P. Semwal
SGRR

Study of Physicochemical Properties of Some Organic Compounds and Complexes
~~Det~~ Revised detailed and Specific synopsis be submitted.

13. The committee approved Dr. Veena Joshi, Deptt. of Chemistry, SRT Campus, HNBSGU as Supervisor for Ph.D. students ~~thesis~~ of ~~to~~ HNBSGU in Chemistry.

Shukla
Gym

Ting
P.T.O.

Wojli
P.T.O.

Date. _____

on behalf of the school board
the proceedings of departmental
committee are recommended
and forwarded for the kind
approval of vice chancellor.



3/5/2012

Dean School of Sciences
H.N.B. Garhwal University
(A Central University)
Srinagar (Garhwal) - 246174
Uttarakhand

~~Intx~~

Attendance

Ph.D. registration before Departmental Research Committee in Chemistry held on Feb. 28, 2012 at 11 A.M. in Chauvaz Campus, H.N.B. Garhwal University Srinagar

Sr.No.	Students Name	Signature
1.	ASHOK KUMAR	<u>Ashok</u>
2.	AMIT ANTHWAL	<u>Amit Anthwal</u>
3.	CHARULATA	<u>Charulata</u>
4.	GEETA SAINI	<u>Geeta</u>
5.	JYOTI KUNDAL	<u>Jyoti Kundal</u>
6.	KUSUM LATA DANGWAL	<u>Kusum Dangwal</u>
7.	MANJUL GONDWAL	<u>Manjul Gondwal</u>
8.	MOHD. RASHID	<u>Mohd. Rashid</u>
9.	NITIN SHARMA	<u>Nitin Sharma</u>
10.	PRATAP SINGH	<u>Pratap Singh</u>
11.	RAJENDRA SINGH	<u>Rajendra Singh</u>
12.	RAJENDRA SINGH RANA	<u>Rajendra Rana</u>
13.	VIVEK RAWAT	<u>Vivek Rawat</u>

Verified

28/2/11
Professor & Head
Department of Chemistry
H.N.B. Garhwal University
Srinagar, Garhwal-246174
Uttarakhand India

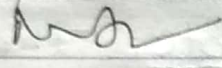

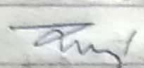
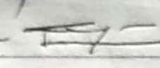
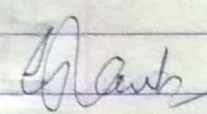
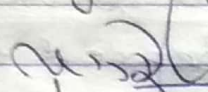

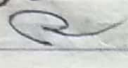
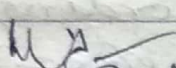
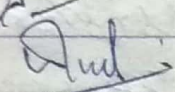
Date.....

Minutes of Board of Studies in Chemistry

Dated 06-06-2013

A Meeting of Board of Studies in chemistry was held in the Department of Chemistry on 06-06-2013 at 11 a.m. The

following members were present:

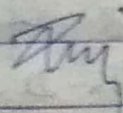
1. Prof M.S.M. Rawat 
2. Prof O.P. Sat 
3. Prof D.M. Joshi 
4. Prof R.P. Bahuguna 
5. Prof Geeta Pant nee Joshi 
6. Prof V.S. Singh 
7. Prof D.S. Negi 
8. Prof R.P. Gairola 
9. Prof S.R. Ansari
10. Prof Dr S. Ali 
11. Dr M.C. Purohit 

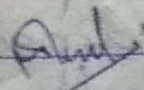
Agenda Point - 1.

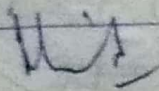
Confirmation of the minutes of BOS held on 16-08-2012.

Resolution: -

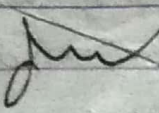
Minutes were confirmed.

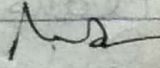






P.T.O.





Agenda Point 2 : Change of ~~Re~~ registration of the candidates registered for D.Phil. degree in Ph.D. degree as they have qualified in the Entrance Test and successfully completed Pre-Ph.D. course.

Note: The following students were registered for D.Phil. degree in Chemistry. After the introduction of Ph.D. Programme (under the new ~~new~~ Ordinances), these candidates appeared in the Entrance Test and after qualifying the test, were admitted in Pre-Ph.D. course according to Ordinances under Section-28 of University Act. They have successfully completed the course:

1. Ms Bandana Kumari
2. Mr Sudhir Kothiyal Kumar
3. Ms Arnita Sharma
4. Mr. Sushil Chandan Sati

The candidates at S.N. 3 & 4 have already submitted the thesis while the others are likely to submit soon. All the candidates have applied for change of ~~re~~-registration in Ph.D. course under Ph.D. ordinance-2009 clause (a)(vi).

Dr. [Signature] Dr. [Signature] Dr. [Signature]

Resolution:

- (1) For Candidates at S.N. 1 & 2 i.e.
Bandana Thakur & Sudhir Kothiyal
the change of registration is
recommended w.e.f. the date
of submission of fee in Ph.D.
programme as per ordinances.
- (2) For Amita Sharma & Sushil
Chandra Sat. the change of registration
is recommended. ~~from the date of~~
registration

Agenda Point 3:

Evaluation of the Progress Reports
of Ph.D. students.

Note: The following Ph.D. students
have submitted the Progress Reports
as required under the ordinance.

1. Rajendra Singh (April 2011 to March 2013)
2. ✓ Ashok Kumar (9-3-2011 to 8-3-2013)
3. Sudhir Kumar (5-2-2011 to 5-6-2013)
4. Bandana Kumari (April 2011 to June 2013)
5. Armit Arithwal (April 2011 to March 2013)
6. ✓ Manjul Goudwal (April 2011 to March 2013)
7. ✓ Jyoti ~~Kumar~~ Kundal (April 2011 to "
8. ✓ Charu Lata (April 2013 to March 2013)

[Signatures]

Date _____

Resolution: The progress reports of all the candidates were found satisfactory. Following students have presented pre-Ph.D. submission viva successfully:

1. Sudhir Kumar
2. Amit Anthwal
- ✓ 3. Bandana Kumari

The above students are allowed to submit the Ph.D. theses.

Agenda No. 4

Considerations of the revised synopsis of the following candidates:

- (1). Bandana Kumari
- (2). Rajendra Singh Rana
- (3). Rajendra Singh
- (4). Manjul Gondwal
- (5). Nitin Sharma
- (6). Pratap Singh

(1) Revised synopsis of B. Bandana Kumari was approved as below:

Title: "Phytochemical examination of *Baliospermum montanum* and *Alseodaphne andersonii* & Synthesis of some ~~to~~ biologically active ~~to~~ chalcone and curcumin analogues."

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- (2) The ~~at~~ student (Rajendra Singh Rana) has requested to include the names of Dr. Sanjay Gupta and Dr (Mrs) Rakesh Singh as co-guides.

Looking into the nature of research work, Dr. Sanjay Gupta is allowed to ~~as~~ act as a co-guide.

- (3) Revised synopsis of Rajendra Singh is approved as below:

~~Studies on~~ "Biological Activity and Chemical Constituents of Some Medicinally Important Himalayan High Altitude Plants".

The student has requested to include Dr. Nitin Sati as a co-guide.

~~The~~ The Committee allowed ~~Dr.~~ Nitin Sati to act as a co-guide.

- (4) Revised synopsis of Manjul Gondwal is approved as below:

"Green ~~Synop~~ synthesis and Biological Activities of Metal Nanoparticles and Chemical Analysis of Some Medicinal Plants."

- (5) Nitin Sharma

Revised synopsis is approved as below:

"Water treatment: Removal of Organic Pollutants Using Metal Ferricyanide."

~~Dr. Sanjay Gupta~~ ~~Dr. Rakesh Singh~~ ~~Dr. Nitin Sati~~ ~~Dr. Manjul Gondwal~~ ~~Dr. Nitin Sharma~~

Date.....

(6) Pratap Singh: Title of Ph.D. Synopsis is revised as below:
"Phytochemical examination and biological evaluation of some high altitude plants."

Agenda No. 5.

Modifications in the PG and Pre-Ph.D. Courses in Chemistry.

Resolution:

Modifications in PG and Pre-Ph.D. courses were approved.

Agenda No. 6

Approval of ^{New} Ph.D. Supervisors.

Resolution:

The following teachers of the Colleges have applied for approval as Ph.D. Guides:-

1. Dr. Shail Kulshrestha, DBS DDh.
2. Dr. D.P. Pandey, Govt PG College UKI
3. Dr. Arshi Rastogi, KLDAV Roorkee
4. Dr. S.K. Dabral, Govt PG College Rishikul
5. Dr. Vijay Laxmi " "
6. Dr. Neeru Gupta " "
7. Dr. A.K. Sharma " "

Based on the teaching & research experience, the above regular teachers are approved as Ph.D. Guides.

Agenda No. 7.

Change of Research Centre and approval of co-guide of Mr. Vivek Rawat registration No. SC-13029.

Resolution: Change of Centre and inclusion of Dr. A.M. Painuli, Govt PG College - New Tehri can not be permitted as per Ordinances.

Agenda No. 8.

Revised D.Phil. synopsis of Pranjal Purohit is approved as below.

"Isolation & Characterization of the Constituents of Some plants and Optimization of Procedures for Dyeing using natural mordants."

* Agenda No. 9.

D. P. Bangwal, IIP D. Dun, was registered for D.Phil. degree in Nov. 2007. He has applied for re-registration in D.Phil.

Resolution:

The committee has no objection in re-registration for D.Phil. degree.

(Signatures)

Date _____

Agenda No. 10.

Panel for Selection of Teachers
in Chemistry.

Resolution: The Committee approved
the Panel

Agenda No. 11

Appointment of Examiners
for UG & PG Courses.

Resolution:

Chairman, BOS is authorised
to submit the list of examiners
to the University.

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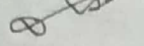
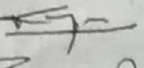
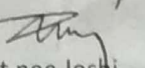
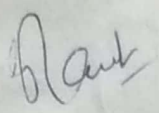
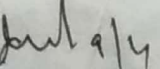

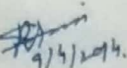

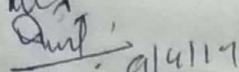
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7/6/13
VC

Forwarded for VC
approval
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7/6/13

Minutes

Vth Meeting of Board of Studies in Chemistry held on 9th April, 2014

Fifth Meeting of Board of Studies was held in the Department of Chemistry in Birla campus on April, 9, 2013 at 11 a.m. Following members were present:

1. Prof. O.P.Sati 
2. Prof. R.P.Bahuguna 
3. Prof.D.M.Joshi 
4. Prof. Geeta Pant nee Joshi 
5. Prof. V.S. Singh
6. Prof. D.S.Negi 
7. Prof. R.P.Gairola, Head, Deptt. Of Physics 
8. Prof. S.R. Ansari, Head, Deptt. Of Mathematics 
9. Dr. S. Ali 
10. Dr.M. C. Purohit 

Agenda Point No.1

Confirmation of the minutes of Board of Studies held on 06-06-2013

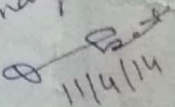
Resolution: The minutes of IVth meeting of BOS in Chemistry were confirmed.

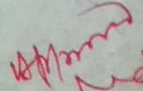
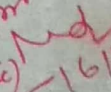
Agenda Point 2:

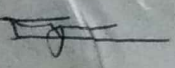
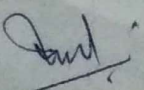
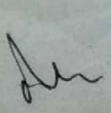


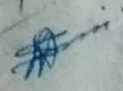
Evaluation of the Progress Reports of Ph.D. students.

Note: The following Ph.D. students have submitted the Progress Report of their research work:

1. Manjul Gonwal from April, 2013 to March, 2014
2. ✓ Vivek Rawat from 11.04.11 to 10.04.14
3. Mohd. Rashid from 09.03.11 to 31.03.14
4. Nitin Sharma from 08.04.11 to 07.04.14
5. ✓ Charu Lata from April 2013 to 2014
6. ✓ Jyoti Kundal from 29-03-13 to 28-03-14
7. ✓ Ashok Kumar from 09-03-13 to 08-03-14
8. Rajendra Singh from 08/04/ to 07/04/14
9. ✓ Pratap Singh from 08/04/11 to 07/04/14
10. ✓ Rajendra Singh Rana 08/04/11 to 07/04/14
11. ✓ Kusum Lata Dangwal from 11/04/2011 to 10/04/14
12. Geeta Saini from 08/04/11 to 07/04/14

VC
May Kindly approve

11/4/14


DR (Academic) 
16/4/14

Resolution: The progress reports of all the candidates were found to be satisfactory

Agenda Point 3: Mr. Mohd. Rashid presented Pre-Ph.D. submission viva on March, 24, 2014 at 12.30 noon in the Department.

Resolution: Mohd. Rashid is allowed to submit the Ph.D. thesis.

Agenda Point 4: Revised synopsis of Vivek Rawat

Note: Vivek Rawat has submitted revised synopsis

Resolution: Revised synopsis is approved

Agenda point 5:

Revised synopsis of Rajendra Singh Rana has been received.

Resolution: Revised synopsis of Rajendra Singh Rana approved.

Agenda Point 6: Allocation of supervisors to Ph.D. students of 2013.

Resolution: Following Ph.D. students have been assigned supervisors by the BOS.

- | | |
|-------------------------|--------------------------------|
| 1. Darshan Singh | Dr.S.C.Sati |
| 2. Upendra Prasad Bhatt | Prof. R.P.Bahuguna |
| 3. Deepak Singh Gusain | Dr.J.S.Jungwan |
| 4. Praveen Kumar | Dr. Veena Joshi |
| 5. Gurpreet Kaur | Dr.S.C.Sati |
| 6. Sunita Ranote | Dr. Veena Joshi |
| 7. Madhu Lata Bharti | Dr.Veena Joshi |
| 8. Mamta Yadav | Dr.S.Ali |
| 9. Naresh Kumar | Prof.O.P.Sati |
| 10. Bhawana | Prof.D.S.Negi |
| 11. Rohir Verma | Dr M.M.S. Jassal, DAV |
| 12. Pragya Srivastava | Dr. A.R. Semwal, DAV |
| 13. Surabhi Sagar | Dr. Arsi Rastogi, KLDV Roorkee |

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Agenda Point 7:

Allocation of Supervisors to Ph.D. students of 2014.

Resolution: Following Ph.D. students have been assigned supervisors by BOS:

- | | |
|-------------------|----------------------|
| 1. Bharati | Dr.J.S.Jangwan |
| 2. Sanjay Dutt | Dr. Veena Joshi |
| 3. Geeta Badola | Prof.D.S.Negi |
| 4. Bhanja Kishore | Prof.D.S.Negi |
| 5. Navneet Singh | Prof. D.S.Negi |
| 6. Goutam Kumar | Dr. Prabhakar Badoni |
| 7. Mahendra Singh | Dr. M.C.Purohit |
| 8. Deepak Patel | Prof.D.S.Negi |

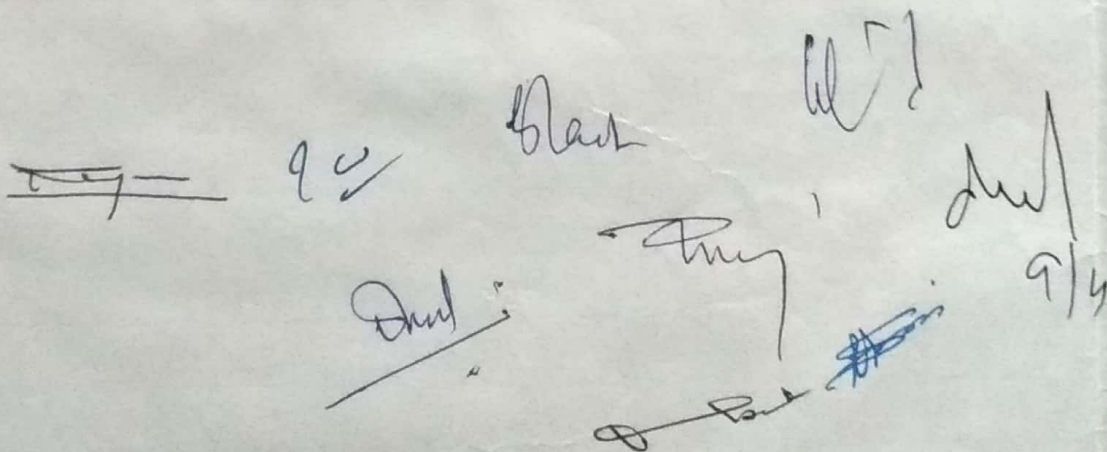
Agenda Point 8: To consider the revised synopsis of Manjul Gondwal

Note: Manjul Gondwal has submitted the revised Ph.D. synopsis entitled "Green Synthesis, Biological and Catalytic Activities of Silver and Copper Nanoparticles"

Resolution: Revised synopsis is approved

Agenda Point 9: To appoint examiners for UG and PG courses.

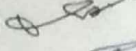
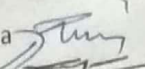
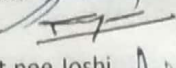
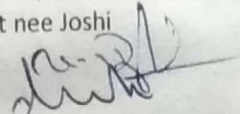
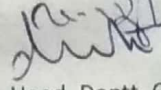
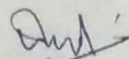
Resolution: Convener, BOS is authorized to submit the list of examiners to the university.

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Minutes

Vlth Meeting of Board of Studies in Chemistry held on 13th August, 2014

Fifth Meeting of Board of Studies was held in the Department of Chemistry in Birla campus on April, 9, 2013 at 11 a.m. Following members were present:

1. Prof. O.P. Sati 
2. Prof. R.P. Bahuguna 
3. Prof. D.M. Joshi 
4. Prof. Geeta Pant nee Joshi
5. Prof. V.S. Singh 
6. Prof. D.S. Negi 
7. Prof. R.P. Gairola, Head, Deptt. Of Physics
8. Prof. S.R. Ansari, Head, Deptt. Of Mathematics
9. Dr. S. Ali
10. Dr. M. C. Purohit 

Agenda Point No.1

Confirmation of the minutes of Board of Studies held on 09-04-2014

Resolution: The minutes of Vth meeting of BOS in Chemistry were confirmed.

Agenda Point 2:

To consider the Ph.D. synopses of the following students for approval:

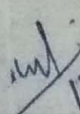
The following students have submitted their synopses for consideration. The work proposed, objective, methodology and origin of the problem was presented by the candidate before the BOS. On the basis of the above the recommendations are unanimously adopted:

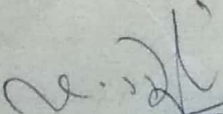
1. Ms Bhawana

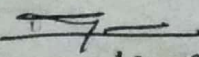
Title-Bio-assay Guided Chemical Exploration of Garhwal Medicinal Plants with their Application in Green Nanotechnology

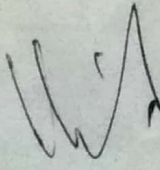
Supervisor: Prof. D.S. Negi, HN BGU Srinagar

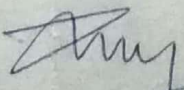
Resolution: Synopsis is approved

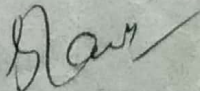

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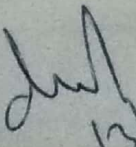

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13.8.14




13/8

2. Darshan Singh

"Phytochemical Examination and Biological Investigation on Some Medicinal Plants of Himalayan Region"

Supervisor: Dr. S.C. Sati, HNBGU Srinagar

Resolution: Synopsis is approved

3. Gurpreet Kour

"Green Synthesis of Metal Nanoparticles from Some Selective Plants of Moraceae and Rutaceae"

Supervisor: Dr. S.C. Sati, HNBGU Srinagar

Resolution: Synopsis is approved

4. Praveen Kumar

"Synthesis and Modification of Polyaniline and Polypyrrole by Swift Heavy Ions"

Supervisor: Dr. Veena Joshi, SRT Campus, HNBGU Srinagar

Resolution: Synopsis is approved

5. Naresh Kumar

"Synthesis and Studies on the Optical Properties of Heterocyclic and Aryl Based Donor-Acceptor Conjugated Systems"

Supervisor: Prof. O.P. Sati, HNBGU Srinagar

Resolution: Synopsis is approved

6. Mamta Yadav

"Photocatalytic and Antimicrobial Activity of ZnS and Fe₂O₃ Semiconductor Nanoparticles-A Green Synthesis"

Supervisor: Dr. S. Ali, HNBGU Srinagar

Resolution: Synopsis is approved

Dr. S. Ali
13/8/14

Dr. S. Ali
13/8

Dr. S. Ali
13/8/14

Dr. S. Ali

Dr. S. Ali
13.8.14

Dr. S. Ali
13.08.14

Dr. S. Ali

7. Sunita Ranote

"Modification of Gum of Moringa oleifera and Their Uses as Metal Ions Sorbents and Drug Delivery Devices"

Supervisor: Veena Joshi, SRT Campus HNBGU Srinagar

Co-Supervisor: Prof. G.S. Chauhan, HP University Shimla-171005

Resolution: Synopsis is approved Prof. G.S. Chauhan is also approved as co-guide because the co-guide does not belong to the academic entity of the supervisor.

8. Upendra Prasad Bhatt

"Phytochemical and Biological Studies on Some Medicinal Plants of Garhwal"

Supervisor: Prof. R. P. Bahuguna, HNBGU Srinagar

Resolution: Synopsis is approved

9. Deepak Singh Gusain

"Phytochemical Analysis of Some Medicinal Plant Species of Garhwal Himalaya"

Supervisor: Dr. J.S. Jangwan, SRT Campus, HNBGU Srinagar

Resolution: Synopsis is approved

10. Madhu Lata Bharti

"Swift Heavy Ion Induced Modification of Carbon Nanotube Polymer Matrix"

Supervisor: Dr. Veena Joshi, SRT Campus, HNBGU Srinagar

Resolution: Synopsis is approved

11. Surabhi Sagar: KLDV College Roorkee

"Removal of hazardous dyes from wastewater using algal biomass as low cost adsorbents:

Supervisor: Dr. Arshi Rastogi, KLDV Roorkee

Resolution: Synopsis is approved

12. Rohit Verma; DAV College Dehradun

"Development of Low-Cost Xanthium Based Activated Carbon and its Application in Pollutant Removal from Waste Water"

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Supervisor : Dr. MMS Jassal

Resolution: Synopsis is approved

13. Pragya Srivastava – DAV College Dehradun

Seasonal variation in drinking water quality of Doon Valley area in dehradun district (uttarakhand).

Supervisor – Dr. A. R. Semwal

Resolution: Revised synopsis in accordance with the suggestions given by the members of BOS may be submitted.

Agenda Point 3. To approve Dr. Rakesh Joshi, Govt. PG College Gopeshwer as Supervisor.

The CV of Dr. Rakesh Joshi was placed in BOS meeting

Resolution: Dr. Rakesh Joshi is approved as supervisor in Chemistry

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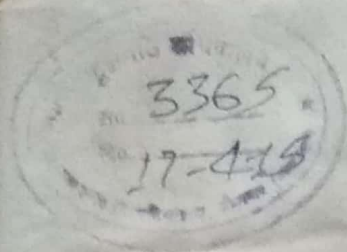
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Forwarded for approval

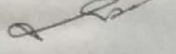
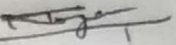
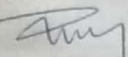
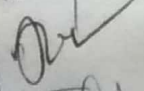
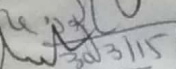
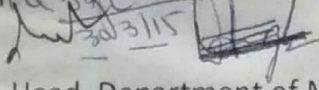
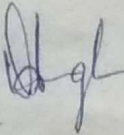

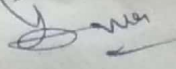

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Minutes of the VIIth Meeting of Board of Studies in Chemistry

Dated March 30, 2015

VIIth meeting of the BOS in Chemistry was held on March 30, 2015 at 11.00 a.m. in the Department of Chemistry in Birla Campus Srinagar. The following members were present:

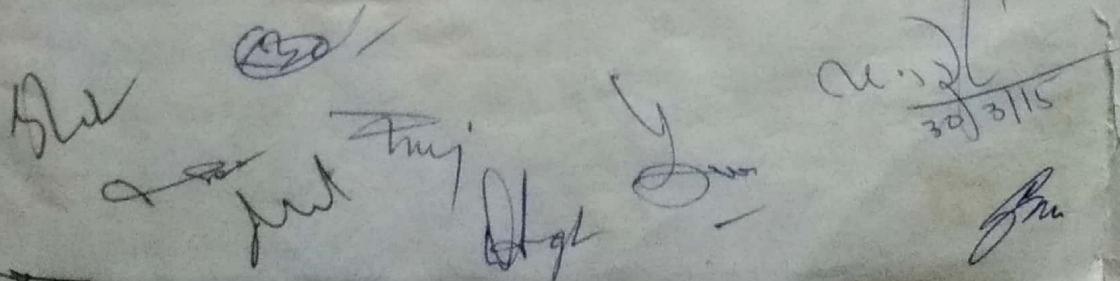
1. Prof.O.P.Sati 
2. Prof.R.P.Bahuguna 
3. Prof.D.M.Joshi 
4. Prof.Geeta Pant Joshi 
5. Prof.V.S.Singh 
6. Prof.D.S.Negi 
7. Prof.D.S.Negi, Head, Department of Mathematics 
8. Prof.O.K.Belwal, Department of Statistics 
9. Dr. J.S.Jangwan 
10. Ms Namrata Ghildiyal 

1. Agenda Point-1: Confirmation of the minutes of VIth meeting of BOS in Chemistry held on August 13, 2014

Resolution: The minutes were confirmed.

2. Agenda Point-2: The following Ph.D. students have requested for one year extension for submission of their Ph.D. thesis:

1. Rajendra Singh (application dated Feb.11 2015) under Prof.O.P.Sati,
Registration No. SC-13027 dated April 8, 2011
2. Pratap Singh (application dated Feb. 11, 2015) under Prof.O.P.Sati
Registration No. SC-13026 dated March 8, 2011
3. Gita Saini (application dated March 3, 2015) under Dr. Tanveer Alam
Registration No Sc-13020 dated March 9, 2015.....under Dr. Tanveer Alam,



4. Vivek Rawat (application dated March 11, 2015) under Dr.R.P.Semwal,SGRR

Registration No. SC-13029 dated April 11, 2011

5. Kusum Lata Dangwal (application dated Feb. 11,2015) under Dr. A.R.Semwal

Registration No. SC-13022 dated April 11, 2011

Resolution: The supervisors to all the above students were assigned by the BOS after the completion of course work. Therefore, they actually started the thesis work nearly after one year of their taking admission in Ph.D. course.

✓ **It is therefore, resolved that extension of one year may be given to all the above applicants as requested by them.**

Agenda Point 3: Prof. D.S.Negi was assigned the Ph.D. supervisor of Mr. Deepak Patel. He wants to change the supervisor and wants to work under the supervision of Dr. J.S.Jangwan. Prof.D.S.Negi as well as Dr.J.S.Jangwan have given no objection to this change.

Resolution: Change of supervisor is permitted.

Agenda Point 4: Mr. Bhanja Kishore Khuntia was working under the supervision of Prof.D.S.Negi in Birla Campus. Mr. Khuntia has submitted application(on medical ground), stating that he wants to work under the supervision of Dr. Tanveer Alam, KLDV Roorkee. Dr. Alam has provided NOC also but Prof. Negi has not given his consent.

Resolution: Change of supervisor from campus to affiliated college is not permitted because the supervisor assigned to him by theBOS has not given no objection certificate.

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Resolution: The syllabus prepared by the Departmental Committee is approved.

Agenda Point 6: The following Ph.D. students have submitted the Progress Report:

1. Mamta Yadav w.e.f. 13-03-13 to 12-03-14 & 13-03-14 to 10-03-15
2. Madhu Lata Bharati w.e.f. Oct. 2013 to April 2014 & May 2014 to Nov. 2014
3. Gita Saini w.e.f. 09-03-14 to 08-03-2015

Resolution: The progress reports were found satisfactory by the Committee.

Agenda Point 7: The following teachers of Department of Chemistry, SGRR College Dehradun have submitted their CV for consideration to be approved as Ph.D. supervisor in Chemistry.

1. Dr. Sandeep Negi
2. Dr. Harsh Vardhan
3. Dr. Rakesh Dhoundhiyal
4. Harish Chandra

Resolution: Applications of the above teachers have not been forwarded by Head and Principal. Therefore, teaching experience and others details have not been verified. The Committee resolved that these teachers may be asked to submit 6 copies of fresh application to be considered in the next meeting.

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 Hugh King
 Gen
 Gen
 P.T.O.

Dean/VC
For approval

Date _____

1.4.15

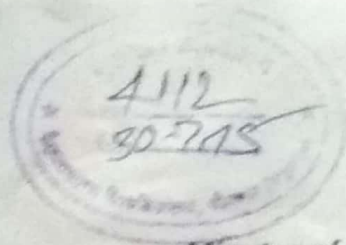
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The minutes of BOS have been
approved by School Board on 01-04-2015.
Submitted for approved.

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Minutes of the VIIIth Meeting of Board of Studies in Chemistry

Dated July 25th, 2015

VIIIth meeting of the BOS in Chemistry was held on July 25th, 2015 at 11.00 a.m. in the Department of Chemistry in Birla Campus Srinagar. The following members were present:

1. Prof.O.P.Sati
2. Prof.R.P.Bahuguna
3. Prof.D.M.Joshi
4. Prof.Geeta Pant Joshi
5. Prof.V.S.Singh
6. Prof.D.S.Negi
7. Prof.D.S.Negi, Head, Department of Mathematics
8. Prof.O.K.Belwal, Department of Statistics
9. Dr. J.S.Jangwan
10. Ms Namrata Ghildiyal

Agenda Point-1: Confirmation of the minutes of VIIth meeting of BOS in Chemistry held on March 30th, 2015.

Resolution: The minutes were confirmed.

Agenda Point 2: Choice Based Credit System is to be introduced in the undergraduate classes w.e.f. 2015-16 as resolved in the meeting of Academic Council on Jan.31,2015. The syllabus for the undergraduate course in chemistry has been designed by the Experts nominated by the UGC which is tabled in the house for approval.

Resolution: The syllabus proposed by UGC is approved (copy enclosed). The syllabus proposed by UGC contains one Core paper in each semester composed of two sections. Each Section comprises of In-Organic Chemistry/ Organic Chemistry/Physical Chemistry, which are different specializations and need specialized teachers as well as Paper-setters and Evaluators. Therefore, it was resolved that:

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- (i) The question paper will comprise of two sections viz. section A and section B as per course contents and will be set by two specialized paper-setters. Each section will have one compulsory question comprising of 5 parts. The Examinee will attempt any three parts each within 50 words. Each section will also contain 4 long answered questions and the examinee will attempt any two questions from each section.
- (ii) The Examinee will have to attempt section A and section B in two separate Answer-Books.
- (iii) Each answer-book shall be evaluated by specialized Evaluator.
- (iv) Marks awarded by both Evaluators will be summed up for calculation of grades in that particular Core paper.

Agenda Point 3: The following Ph.D. students have submitted the Progress Report:

S.No.	Candidate/Reg. Number	Supervisor	Period
1	Praveen Kumar SC-14214, 18-03-13	Dr. Veena Joshi	18-03-13 to Feb. 2014 March 2014 to Feb. 2015
2	Sunita Ranote SC-14217, Dated 14/3/13	Dr. Veena Joshi	14-03-13-Feb. 2014 March 2014 to Feb. 2015
3	Madhulata Bharati SC-14220, 15-03-13	Dr. Veena Joshi	15-03-13, Feb. 2014 March 2014 to Feb. 2015
4	Surabhi Sagar Sc-14221, 18/3/13	Arshi Rastogi	April 1, 2013-March 2014 April 1, 2014-March 2015
5	Naresh Kumar Sc-14215	O.P. Sati	14-03-13-Feb. 2014 March 2014 to Feb. 2015
6	Upendra Pd Bhatt SC-14218, 18-03-13	R.P. Bahuguna	18-03-13-.17, 2014 Feb. 18, 2014 to Feb. 2015
7	Pragya Srivastava Sc-14223, 18/3/13	A.R. Semwal	April 1, 2013-May 2014 April 1, 2014-May 2015
8	Rohit Verma SC-14222, 15/3/13	MMS Jassal	14-03-13-Feb. 2014 March 2014 to Feb. 2015
9	Bhawna	DS, Negi	18-03-13-.17, 2014

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	SC-14211, 18/3/13		Feb.18, 2014 to Feb.2015
10	Pratap Singh Sc-13026	O.P.Sati	9/3/14 to 8/3/15
11	Rajendra Singh	O.P.Sati	8/4/14 to 7/4/15
12	Vivek Rawat SC-13029	R.P.Semwal	11/4/14 to 10/4/15
13	Deepak Singh Gusain SC 14219	J.S. Jangwan	March 2013 to Feb. 2014 March 2014 to Feb. 2015
14	Darshan Singh SC-14212	S.C. Sati	11/3/2013 to 10/3/2014 11/3/2014 to 10/3/2015
15	Gurpreet Kour SC-14213	S.C.Sati	18/3/2013 to 17/3/14 18/3/2014 to 17/3/2015

Resolution: The progress reports were found satisfactory by the Committee.

Agenda Point 4: Mr. Bhanja Kishore Khuntia has submitted an application requesting for a change of Supervisor. He was working under the supervision of Prof. D.S.Negi. Now, he wants to work under the supervision of Dr. Tanvir Alam, KLDV Roorkee on medical grounds. Prof. Negi and Dr. Tanvir Alam have provided no objection for change of supervisor.

Resolution: Change of supervisor is approved.

Agenda Point 5: The following teachers of Department of Chemistry have submitted their CV for consideration to be approved as Ph.D. supervisor/ co-Supervisor in Chemistry.

1. Dr. Sandeep Negi, SGRR College Dehradun
2. Dr. Harsh Vardhan, SGRR College Dehradun
3. Dr. Rakesh Dhoundhiyal, SGRR College Dehradun
4. Harish Chandra, SGRR College Dehradun
5. Dr. Deepali Singhal, SGRR College Dehradun
6. Dr. Naveen Kumar, KLDV Roorkee

Co-Supervisors

1. Dr. Mithilesh Kumari, HOD Physics, KLDV Roorkee
2. Dr. Vivek Kumar, Deptt. of Paper Technology, Sharanpur Campus, IIT Roorkee
3. Dr. Manjul Dhiman, Deptt. of Botany, KLDV Roorkee
4. Dr. Harish Chandra, HAPPRC, Srinagar- PI in UGC Major Project and Very good research publications. Has two years PG teaching experience
5. Dr. Sulekh Chandra, Zakir Hussain Delhi College Delhi

Resolution: The above teachers are approved as supervisors and co-supervisors

Agenda Point 6: Approval of the following Asstt. Professors, Department of Chemistry as Supervisors:

1. Dr. Prashanta Kumar Hota
2. Dr. Jitendra

These teachers have submitted their CVs which show that they have published quality research papers in International Journals having high impact factors. Both have one major research project funded by UGC. and have PG teaching experience of more than two years.

Resolution: Dr. Prashant Kumar Hota and Dr. Jeetendra, are approved as Supervisors.

Agenda Point 6: Presentations of the synopsis for Ph.D. thesis was done by the following Ph.D. students before the BOS:

(1) Candidate: Sanjay Dutt; Guide: Dr. Veena Joshi, SRT Campus Tehri

Title: Isolation and Characterization of Phytochemically Active Constituents of *Allium victorialis* & *Paeonia emodi*.

Resolution: The candidate is advised to change the title and plants selected for the present synopsis. The plants selected have already been investigated.

(2) Candidate: Navneet Singh; Guide: Prof. D.S. Negi, Birla Campus Srinagar

Title: Synthesis & Biological Evaluation of Benzimidazole Ligands and their Metal Complexes.

Resolution: Synopsis is approved.

Candidate: Geeta Badola; Guide: Prof. D.S. Negi, Birla Campus Srinagar
Title: Isolation, Characterization and Pharmacological Investigation on
Secondary Metabolites from *S. anquetilia* & *T. longifolium*.
Resolution: Synopsis is approved.

(3) Candidate: Deepak Patel; Guide: J.S. Jangwan, SRT Campus Tehri; Co-
guide: Dr. Harish Chandra, HAPPRC, HNBGU, Srinagar

Title: Green Synthesis of Metal Nanoparticles from Some Medicinal Plants
of Garhwal and Their Chemical and Biological Characterization.

Resolution: Synopsis is approved.

(4) Candidate: Bhanja Kishore Khuntia; Guide: Tanveer Alam, KLDV Roorkee
Co-guide: Dr. Mithilesh Kumari, HOD Physics, KLDV Roorkee
Title: Synthesis and Characterization of Iron Based Nano-particles for the
Degradation of Organochlorine Pesticides
Resolution: Synopsis is approved.

(5) Candidate: Sapna Tyagi; Guide: Tanvir Alam and Manjul Dhiman (Botany)
KLDV Roorkee

Title: Isolation, characterization and Pharmacological Investigation on
Secondary metabolites from medicinally important plants.

Resolution: Title to be changed. References to be updated.

(6) Candidate: Goutam Kumar; Guide: Dr. P.P. Badoni, Pauri Campus,
HNBGU

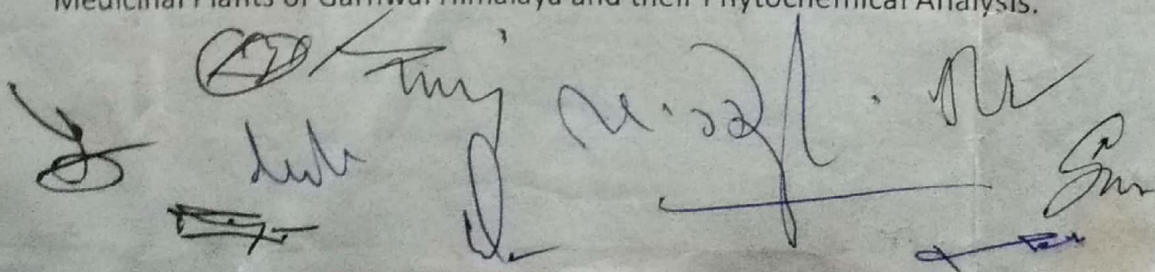
Co-guide: Dr. Rakesh Singh, Department of Chemistry, DBS College,
Dehradun

Title: To investigate and Analyse the Cause and Source of Water Pollution
of Ganga in Uttarakhand.

Resolution: Synopsis is not approved. Also, Dr. Rakesh Singh is not
approved as Co-supervisor being a teacher of same academic entity.

(7) Candidate: Mahender Singh; Guide: Dr.M.C. Purohit, Pauri Campus, HNB

Title: Anti-inflammatory and Anti-microbial Activities of Some Selected
Medicinal Plants of Garhwal Himalaya and their Phytochemical Analysis.



Resolution: Submit modified synopsis giving the name of the plant selected and include the work-done on the selected plants.

(8) :Candidate: Bharati; Guide: J.S. Jangwan, Tehri Campus, HNBGU;
Co-Guide: Dr. Vivek Kumar, Paper Technology Deptt., IIT Roorkee campus
Saharanpur

Title: Assessment of Water Quality in the Catchment Region of River
Krishni, Uttar Pradesh

Resolution: The topic and the synopsis to be revised thoroughly.

(10). Candidate: Arvind Kumar Rajput; Guide: Dr. S.P.Sati, Govt. PG College
Doiwala, Dehradun; Co-Guide: Dr. Sulekh Chandra, Zakir Hussain Delhi
College, Delhi

Title: Synthesis, Spectral Characterization and Biological Evaluation of
Transition Metal Complexes of Macrocyclic Schiff's Base Ligands

Resolution: Synopsis is approved

Agenda no. 7. Allocation of Supervisors to the Ph.D students admitted in July
2015.

The Supervisors were allocated as given below:

S.No.	Name of Student	Supervisor
1	Afaq Ahmad Khan	Prof. D.S. Negi
2	Prachi	Prof. D.S. Negi
3	Jagdeep Kumar	Dr.P.K.Hota
4	Juhi Aggarwal	Dr. Tanvir Alam, KLDVA
5	Narendra Kumar	Dr. Jeetendra
6	Anuj Kandwal	Dr. M.C.Purohit, Pauri Campus
7	Prashast Kumar Tripathi	Dr.S.C.Sati

Resolution: The supervisors are approved.

Agenda Point 8: Ms Madhu Lata Bharati has submitted revised synopsis entitled

"Swift Heavy Ion Induced Modification of Carbon Nanotube Polymer Matrix"

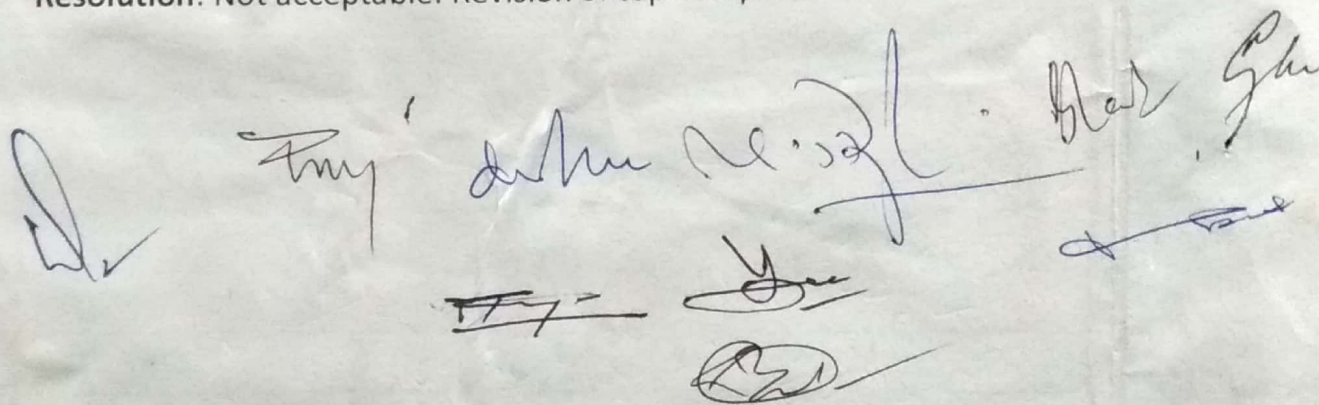
Under the supervision of Dr. Veena Joshi, SRT Tehri

Resolution: approved

Agenda Point 9: Ms Surabhi Sagar, SC-14221, dated 18/03/2013, under the supervision of Arshi Rastogi, KLDV, has submitted revised synopsis entitled

"Removal of Hazardous Dyes from aqueous solutions using algal biomass as low cost adsorbents"

Resolution: Not acceptable. Revision of topic required

The block contains several handwritten signatures and initials in blue ink. On the left, there is a large, stylized signature. In the center, there is a signature that appears to read 'Surabhi Sagar'. To the right of this, there is a signature that appears to read 'Arshi Rastogi'. Further to the right, there is a signature that appears to read 'Dr. Veena Joshi'. Below these signatures, there are several smaller initials and marks, including what looks like 'SRT' and some illegible scribbles.

Dean / VC

For approval

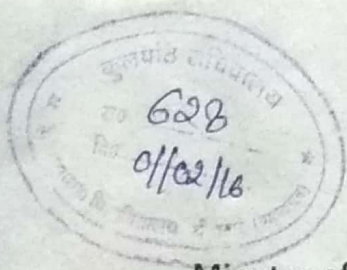
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25/07/15

Approved as per rules


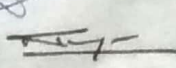

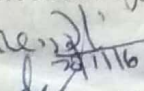
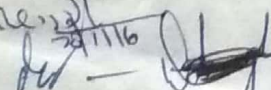
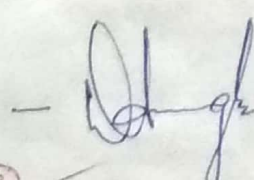


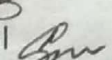
XV 31/2



Minutes of the IXth Meeting of Board of Studies in Chemistry

Dated January 28, 2016

IXth Meeting of the BOS in Chemistry was held on March January 28th, 2016 at 11.00 a.m. in the Department of Chemistry in Birla Campus Srinagar. The following members were present:

1. Prof.O.P.Sati 
2. Prof.R.P.Bahuguna 
3. Prof.D.M.Joshi
4. Prof.Geeta Pant Joshi 
5. Prof.V.S.Singh 
6. Prof.D.S.Negi 
7. Prof.D.S.Negi, Head, Department of Mathematics 
8. Prof.O.K.Belwal, Department of Statistics 
9. Dr. J.S.Jangwan 
10. Ms Namrata Ghildiyal 

1. Agenda Point-1: Confirmation of the minutes of VIIIth meeting of BOS in Chemistry held on July 25, 2015

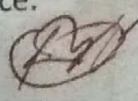
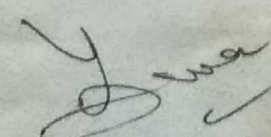
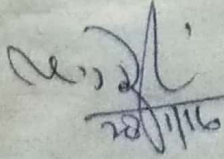
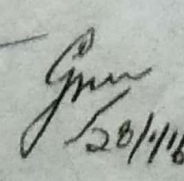
Resolution: The minutes were confirmed.

2. Agenda Point-2: Panel of Experts for Selection Committees of teachers.

Resolution: Names of Experts were proposed by the members and HOD was requested to submit the final list to the university.

3. Agenda Point 3: Change of Ph.D. supervisor of Mr. Naresh Kumar.

Prof.O.P.Sati requested that the Ph.D. supervisor of Mr. Naresh Kumar may be changed who has been registered under his supervision as he will superannuate in August 2016 and Mr. Naresh Kumar is not likely to complete his thesis before it. He proposed the name of Dr. P.K.Hota, Asstt. Professor in his place.


   
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Resolution: The BOS agreed to appoint Dr. P.K.Hota as Supervisor of Mr. Naresh Kumar.

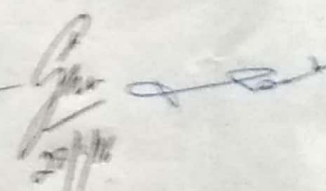
Agenda Point 4: To decide the list of ISBN, Peer Reviewed, National/ International Journals with impact factors in Chemistry for calculating API score for appointment of teachers.

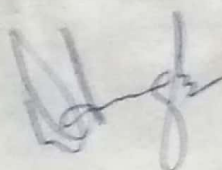
Resolution: The Committee resolved that such list and details are available on google scholar, scopus etc and all such journals are approved for calculating API score. Also, all indexed journals may be considered for the calculation of API.

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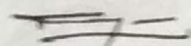


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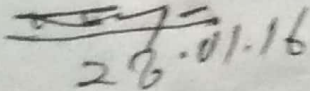
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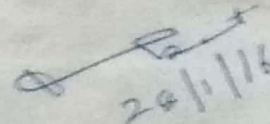


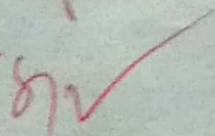


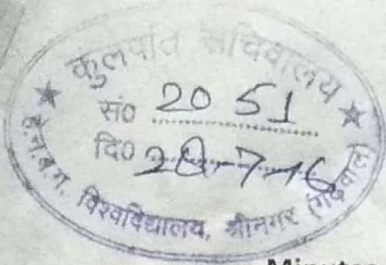
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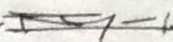
Minutes of the Xth Meeting of Board of Studies in Chemistry

Dated July 25, 2016

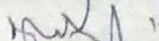
Xth Meeting of the BOS in Chemistry was held on July 25th, 2016 at 11.00 a.m. in the Department of Chemistry in Birla Campus Srinagar. The following members were present:

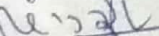
1. Prof.O.P.Sati, 
2. Prof.R.P.Bahuguna,
3. Prof.D.M.Joshi,
4. Prof.Geeta Pant Joshi,
5. Prof.V.S.Singh,
6. Prof.D.S.Negi,
7. Prof.D.S.Negi, Head, Department of Mathematics,
8. Prof.S.C.Bhatt, Head, Department of Physics,
9. Dr.P.P.Badoni, Pauri Campus,
10. Dr. S.C. Sati,

Member

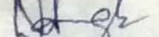
Convener 


Member 

Member  25.7.16

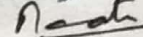
Member 

Member 

VC Nominee 

VC Nominee 

Member 

Member 

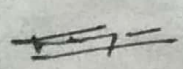

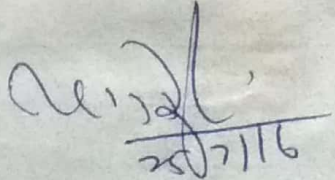
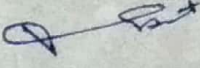
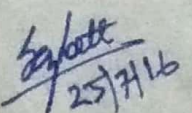
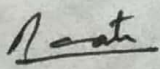
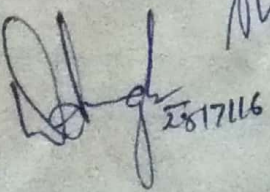
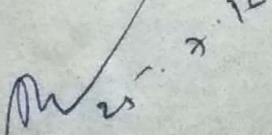
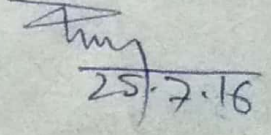
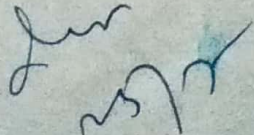
1. Agenda Point-1: Confirmation of the minutes of IXth meeting of BOS in Chemistry held on January 28, 2016.

Resolution: The minutes were confirmed.

2. Agenda Point-2: Modifications in the Syllabus of UG Chemistry

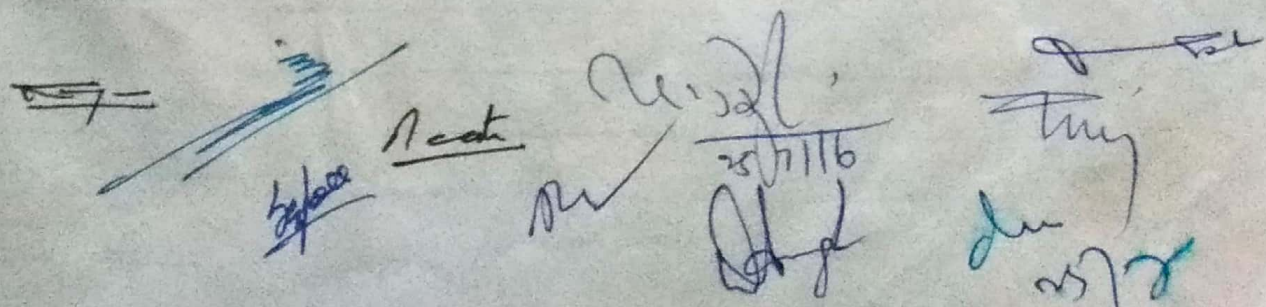
Note: UGC has updated the CBCS syllabus for B.Sc. Chemistry. It is submitted that these minor changes may be approved in B.Sc. chemistry syllabus w.e.f. 2016-17

Resolution: The modified syllabus of UG chemistry is approved as prepared by UGC and uploaded on its website.

   
 25/7/16   25/7/16  25.7.16  25.7.16 

3. Agenda Point 3.: To consider the Progress Report of the following Ph.D. students

S.No.	Name of student	Registration No.	Supervisor	Period
1	Sanjay Dutt -	SC-15233	Dr. Veena Joshi	April 2015- March 2016
2	Madhu Lata Bharati	SC-14220	Dr. Veena Joshi	May 2015-April 2016
3	Naresh Kumar	SC-14215	Dr. P.K.Hota	14/3/15- 13/03/16
4	Sapna Tyagi	ST-15238	Dr. Tanveer Alam	29/03/2014- 28/03/15 &29/03/2015- 28/03/2016
5	Bhanja Kishore Khuntia	SC-15237	Dr. Tanveer Alam	20/3/14- 19/3/15 &20/3/15- 19/3/16
6	Arvind Kumar Rajput		Dr.S.P.Sati	20/3/14- 20/3/15 &21/3/15- 21/3/16
7	Mahender Singh	SC-15240	Dr. M.C.Purohit	April 14-March 15 April 14- March 15
8	Deepak Patel		Dr. J.S.Jangwan	April 14-March 15 April 15-March



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9	Kusum Lata Dangwal	SC-13022	Dr.A.R.Semwal	11/4/15 to till date
10	Vivek Rawat	SC-13029	R.P.Semwal	11/4/15-10/4/16
11	Upendra Prasad Bhatt	SC-14218	R.P.Bahuguna	18/03/15-17/03/2016
12	Navneet Singh	SC-15234	D.S.Negi	25/03/14-25/3/15; 25/3/15-25/3/16
13	Darshan Singh	SC-14212	S.C.Sati	10/03/15-09/03/2016

Resolution: Progress reports found satisfactory

4. Agenda Point 4: Approval of the Ph.D. synopsis of Jagdeep Kumar.

(1) Jagdeep Kumar Supervisor: Dr. P.K.Hota

Title: Synthesis and Optical Properties of Indole Based Donor-Acceptor Conjugated Systems.

Resolution: Synopsis is approved.

5. Agenda Point 5: To approve the modified Ph.D. synopsis of Mahender Singh.

Ph.D. synopsis of Mahender Singh was considered in the VIII meeting of BOS in Chemistry on July 25, 2015, in which it was resolved that he should submit modified synopsis giving the names of the plants -selected and include the review on selected plants in the synopsis. Revised synopsis has been submitted for consideration.

Supervisor: Dr. M. C. Purohit

Resolution: Modified synopsis is approved.

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10. To approve the Ph.D. synopsis of Prachi

Title: GREEN SYNTHESIS OF METAL NANOPARTICLES AND ASSESSMENT OF THEIR BIOLOGICAL ACTIVITY

Supervisor: Prof. D.S.Negi

Resolution: Synopsis is approved.

11. To approve the revision in the Ph.D. synopsis of Naresh Kumar

Title: Synthesis and Studies on optical properties of Heterocyclic and Aryl based Donor-Acceptor conjugated systems.

Supervisor: Dr. P.K.Hota

Resolution: Revision is approved.

12. To approve the revised synopsis of Geeta Badola. ✓

Title: SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL APPLICATION OF NANOPARTICLES USING MEDICINALLY IMPORTANT PLANTS

Supervisor: Prof. D.S.Negi

Resolution: Revised synopsis is approved.

13. To approve the revised synopsis of Gurpreet Kaur.

Title: GREEN SYNTHESIS OF METAL NANOPARTICLES FROM SELECTIVE PLANTS OF MORACEAE.

Supervisor: Dr. S. C. Sati

Resolution: Revised synopsis is approved.

14. To approve the Ph.D. synopsis of Goutam Kumar

Title: PLANT MEDIATED SYNTHESIS OF METALLIC NANOPARTICLES, CHARACTERIZATION AND STUDY OF THEIR ANTIMICROBIAL ACTIVITIES

Resolution: Synopsis is approved

Supervisor — DR. P.P. BADONI

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12/11/16

15. Agenda Point 15: Joining of Narendra Kumar as a Teacher Fellow under UGC(FIP) for Ph.D. course.

Note: Mr. Narendra Kumar was admitted in Ph.D. course on 15/07/15 after which he applied for UGC(FIP) and was sanctioned fellowship by UGC on 16/03/16. The college relieved him on 10/07/16. He has been allowed to join the course by the approval of Hon'ble VC and joined on 11/07/16. VC has directed his case to be placed in the next Academic Council.

Resolution: The joining of Narendra Kumar is noted by the BOS. He is allowed to complete his pre-Ph.D. course with the next batch of students. The date of registration in Ph.D. shall be 11-7-2016, the date of joining in the Department after the sanction of Fellowship.

16. To approve the synopsis of Sanjay Dutt.

Title: A Comprehensive Study of Natural Radiation Level in Different Lithological Formations of Pauri Garhwal, India

Resolution: Supervisor: Dr. Veena Joshi

Resolution: Synopsis is approved

17. To approve the revised synopsis of Sapna Tyagi

Title: ISOLATION, CHARACTERIZATION AND PHARMACOLOGICAL INVESTIGATION OF SECONDARY METABOLITES FROM SOME MEDICINALLY IMPORTANT PLANTS AND THEIR APPLICATIONS IN GREEN NANOTECHNOLOGY.

Supervisor: Dr. Tanveer Alam

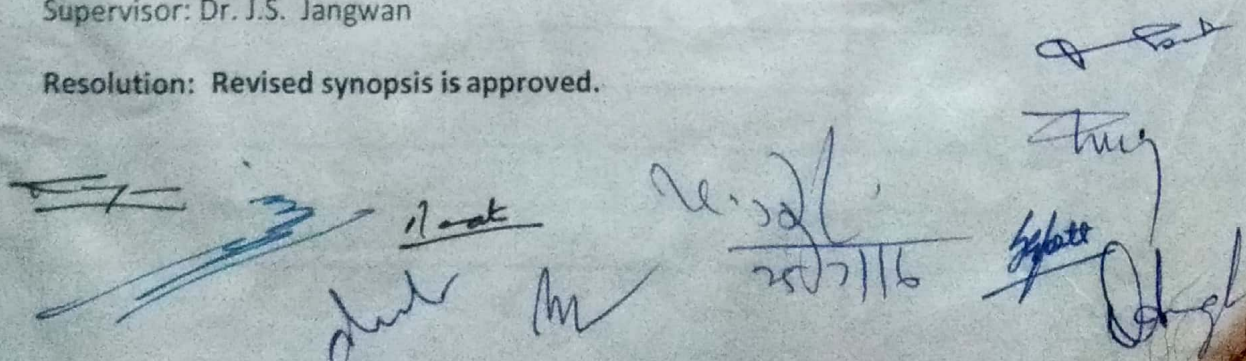
Resolution: Synopsis to be modified.

18. To approve the revised synopsis of Ms Bharati.

Title: ABATEMENT OF POLLUTANTS FROM DRINKING WATER SOURCES OF RIVER KRISHNI CATCHMENT USING NANOTECHNOLOGY

Supervisor: Dr. J.S. Jangwan

Resolution: Revised synopsis is approved.

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19. Agenda Point 19: Issue of certificates as per UGC regulation (3rd Amendment) to the D.Phil. students who were registered before the enactment of UGC regulations-2009.

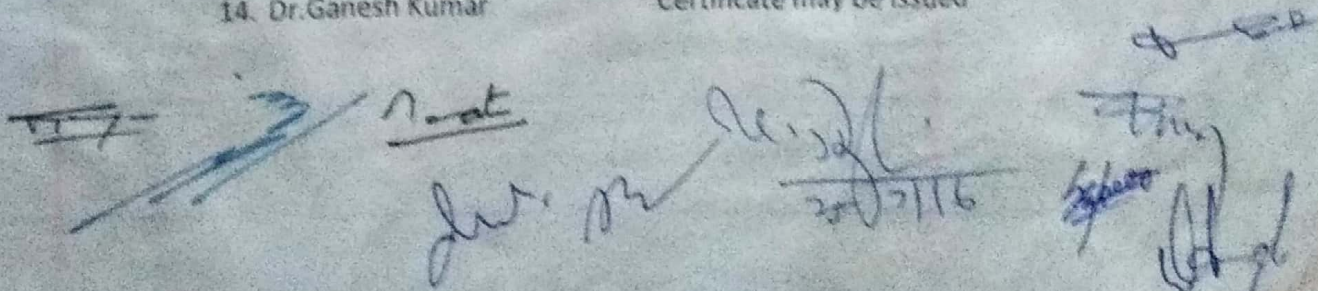
Note: The following students have submitted applications on the prescribed form for the issue of certificate as per UGC regulation 2009 (3rd Amendment). BOS is requested to examine the applications and take the decision in each case individually.

Resolution: The documents were examined and on the basis of the enclosed certificates, the recommendation of BOS, in each case, has been mentioned against the name of the applicant

- | | |
|-------------------------|--------------------------------------|
| 1. Dr. Raman Bahuguna - | Certificate may be issued |
| 2. Dr. Maneesha Dobhal- | Certificate may be issued |
| 3. Dr. Pramod Singh - | Certificate may be issued |
| 4. Dr. Amita Bamola- | Certificate may be issued |
| 5. Dr. Sushma- | (i) One presentation to be clarified |

(ii) Thesis or Summary to be shown in next BOS.

- | | |
|-----------------------------|---------------------------|
| 6. Dr. Rakesh Raturi | Certificate may be issued |
| 7. Dr. Devendra Singh | Certificate may be issued |
| 8. Dr. Poonam Negi | Certificate may be issued |
| 9. Dr. Reena | Certificate may be issued |
| 10. Dr. Ruchi Badoni | Certificate may be issued |
| 11. Dr. Deepak Semwal | Certificate may be issued |
| 12. Dr. Suman Rawat | Certificate may be issued |
| 13. Dr. Manish Kumar Mishra | Certificate may be issued |
| 14. Dr. Ganesh Kumar | Certificate may be issued |

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Xth Meeting of BOS in Chemistry held on 25 July 2016

Agenda under – any other item:

Note: Prof. D.M.Joshi raised the issue of **Skill Enhancement Courses (SEC)** in CBCS of B.Sc. chemistry. He pointed out that there are **12 SEC** courses in the syllabus and in the existing infrastructure, it is almost impossible for any campus/college to provide the option of such a large number of SEC courses. He requested the BOS to reduce the number of SEC courses in chemistry. Prof. Joshi also submitted that there are a number of such courses in the syllabus for which skilled teaching faculties or laboratories are not available.

Resolution: BOS took a serious note of the submission of Prof. Joshi and resolved that the following SEC papers shall be in the B.Sc. chemistry syllabus out of which students can select at least one or a total of maximum two courses in III/IV/V/VI semester for time being until facilities for all papers are provided:

1. Basic Analytical Chemistry
2. Green Methods in Chemistry
3. Chemistry of Cosmetics and Perfumes
4. Pesticide Chemistry

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due.

25. Dr. Ajay Semaithy

Certificate may be issued

26. Dr. Vikas Semaithy

Certificate may be issued

27. Dr. Naveen Kumar

Certificate may be issued

28. Dr. Preeti Kothiyal

Certificate of conferences needed

29. Dr. Nitin Sati

Certificate may be issued

30. Dr. Nandini Singh

Certificate may be issued

31. Dr. Divya Bharti

Certificate may be issued

32. Dr. Ranjita Parashit

Certificate may be issued ~~that~~

The meeting ended with a vote of thanks to the chair.

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~~25/7/16~~

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~~25/7/16~~

For approval

~~Not~~

25.7.16

21/7/16

Approved as proposed

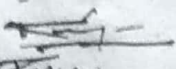
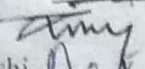
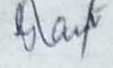

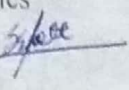
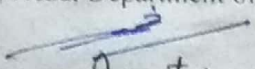
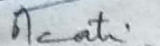
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Minutes of the XIth Meeting of Board of Studies in Chemistry

Dated 11 November 2016

XIth Meeting of the BOS in Chemistry was held on 11 November 2016 at 11.00 am in the Department of Chemistry in Birla Campus, Srinagar, Garhwal. The following members were present:

1. Prof. R. P. Bahuguna		Convener
2. Prof. D. M. Joshi		Member
3. Prof. Geeta Pant Joshi		Member
4. Prof. D. S. Negi		Member
5. Prof. D. S. Negi, Head, Department of Mathematics		V C Nominee
6. Prof. S. C. Bhatt, Head, Department of Physics		V C Nominee
7. Dr. P. P. Badoni		Member
8. Dr. S. C. Sati		Member

1. **Agenda Point -1:** Confirmation of the minutes of Xth meeting of BOS in Chemistry held on 25 July 2016.

Resolution: The minutes were confirmed.

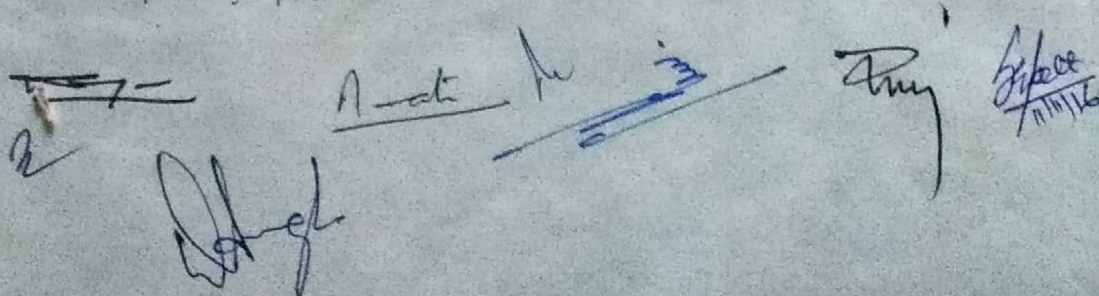
2. **Agenda Point -2:** To approve the modified Ph. D. Synopsis of Sapna Tyagi. Ph.D. Synopsis of Sapna Tyagi was Considered in the Xth meeting of BOS in Chemistry held on 25 July 2016, in which It was resolved that she should submit modified synopsis. Modified Synopsis entitled "GREEN SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL APPLICATIONS OF NANOPARTICLES USING MEDICINAL PLANTS" has been submitted.

Resolution: Modified synopsis is approved.

3. **Agenda Point -3:** To approve the corrected Ph.D. synopsis of Juhi Aggarwal. Ph.D. synopsis of Juhi Aggarwal was considered in the Xth meeting of BOS in Chemistry held on 25 July 2016, in which It was resolved that she should submit corrected synopsis. Corrected synopsis entitled "PHARMACOLOGICAL INVESTIGATION OF MEDICINALLY IMPORTANT PLANTS WITH REFERENCE TO GREEN NANOTECHNOLOGY" has been submitted.

Resolution: Corrected synopsis is approved.

4. **Agenda Point -4:** Ms. Surabhi Sagar submitted revised synopsis in the meeting of BOS in Chemistry held on 25 July 2015, in which it was resolved that she should revise the topic of synopsis.



Revised synopsis entitled "Removal of hazardous dyes from synthetic waste water using algal biomass as low cost adsorbents" has been submitted.

Resolution: Revised topic of synopsis is approved.

5. **Agenda Point -5:** Dr. Hitendra Singh and Dr. Vibha Kumar, Department of Chemistry Govt. PG College, New Tehri have submitted their CV for consideration to be approved as Ph.D. supervisors in Chemistry.

Resolution: Dr. Hitendra Singh and Dr. Vibha Kumar, approved as supervisors.

6. **Agenda Point -6:** Issue of certificate as per UGC regulation (3rd Amendment) to the D.Phil. students who were registered before the enactment of UGC regulations 2009.

Note: The following students have submitted applications on the prescribed form for the issue of certificate as per UGC regulation 2009 (3rd Amendment). BOS is requested to examine the applications and take the decision in each case individually.

Resolution: The documents were examined and on the basis of enclosed certificates, the recommendation of BOS, in each case, has been mentioned against the name of the applicant:

1. Mohd Aslam Rather	Certificate may be issued
2. Mahendra Lal Tamta	Certificate may be issued
3. Suman Lata Chhinwal	Certificate may be issued
4. Bhavtosh Sharma	Certificate may be issued
5. Harish Chandra Andola	Certificate may be issued
6. Jagmohan Singh Negi	Certificate may be issued
7. Vinod Kumar	Certificate may be issued
8. Sarla Badoni	Certificate may be issued

7. **Agenda Point-6: Under any other item**

There are 14 Discipline Specific Electives (DSE) Courses prescribed by UGC from which one each has to be chosen in Vth and VIth Semester in B.Sc. With the available infrastructure and faculty all courses cannot be run by all the colleges of the University.

Resolution: BOS unanimously resolved that for the Vth semester following papers are adopted from which one paper has to be opted by the students –

1. Analytical Methods in Chemistry
2. Polymer Chemistry
3. Green Chemistry

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For VIth semester from the following three papers, one paper has to be opted -

1. Instrumental Methods of Chemical Analysis
2. Organometallics, Bio-inorganic Chemistry, Poly nuclear hydrocarbons and UV, IR spectroscopy
3. Molecules of Life

The meeting ended with a vote of thanks to the chair.

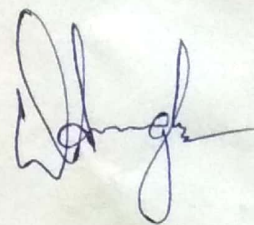
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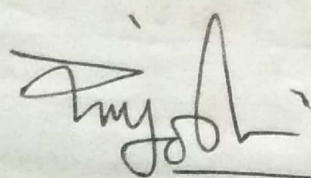
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Dean/VC

For approval

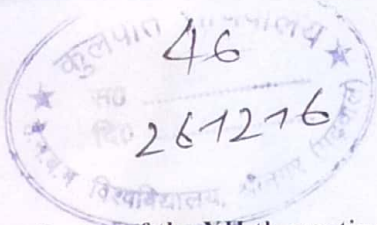
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Approved as per
Dr

29/11


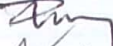

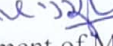



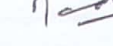


Minutes of the XIIth meeting of Board of Studies in Chemistry

Dated 24.12.2016

XIIth Meeting of the BOS in Chemistry was held on 24 Dec. 2016 at 11.00 am in the department of Chemistry in Birla Campus, Srinagar Garhwal. The following members were present:

Prof. R.P. Bahuguna
Prof. D.M. Joshi
Prof. Geeta Pant Joshi
Prof. V.S. Singh
Prof. D.S. Negi
Prof. S.C. Bhatt
Dr. P.P. Badoni
Dr. S.C. Sati

Convener 
Member 
Member 
Member 
Head, Department of Mathematics VC Nominee 
Head, Department of Physics VC Nominee 
Member 
Member 

1. **Agenda Point- 1:** Confirmation of the minutes of XIth meeting of BOS in Chemistry held on 11th November 2016

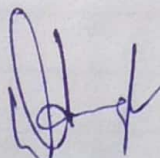

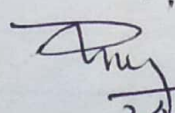
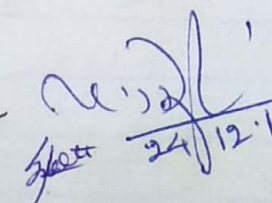
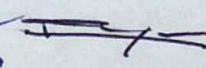
Resolution: Minutes were confirmed

2. **Agenda Point- 2:** Issuance of certificate as per UGC regulation (3rd Amendment) to the D.Phil. students who were registered before the enactment of UGC regulations 2009.
Note: the following students have submitted applications on the prescribed form for the issue of certificate as per UGC regulation 2009 (3rd Amendment). BOS is requested to examine the applications and take the decision in each case individually.

Resolution: The documents were examined and on the basis of enclosed certificates, the recommendation of BOS, in each case, has been mentioned against the name of the applicant:

1. Dr. Arvind Kumar Certificate may be issued
2. Dr. Arvind Mohan 11
3. Dr. Kapil Ghai 11
4. Dr. Vertika Shukla 11
5. Dr. Manav Kumar Chaudhary 11
6. Dr. Arati Barthwal 11
7. Dr. Seema Nautiyal 11

3. **Agenda Point- 3:** To identify and recommend the different journals in Chemistry as per letter of Registrar (Ref. No. R.O/2016/409 dated 17/12/2016) and UGC letter (D.O.NO.F 1-1/2016 (Secy) dated 08.08.2016) regarding the submission of list of journals to be

    
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24.12.16
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considered for the purpose of computation of API Scores, the matter was put up in BOS and discussed.

Resolution: The following Journals in chemistry (List enclosed) were unanimously identified and recommended by the members of BOS

The meeting ended with a vote of thanks to the chair.

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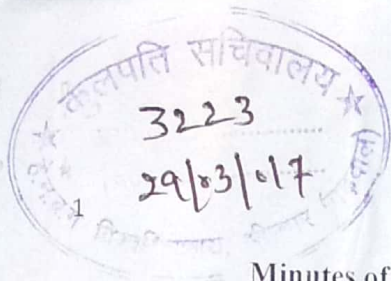
Dr 24.12.16 24.12.16 24.12.16

Dean/VC
For approval
24.12.16

24.12.16

may kindly be affirmed as
performed for
24/12

Amble/VC for
24/12



Minutes of the XIIIth Meeting of Board of Studies in Chemistry

Dated 09.03.17

XIIIth Meeting of the BOS in Chemistry was held on 9th March 2017 at 11.00 a.m. in the Department of Chemistry, Birla Campus, Srinagar Garhwal. The following members were present:

1. Prof. Geeta Joshi
2. Prof. D. M. Joshi
3. Prof. D. S. Negi
4. Prof. D. S. Negi, Head, Department of Mathematics
5. Prof. S. C. Bhatt, Head, Department of Physics
6. Dr. P. P. Badoni, Pauri Campus, Pauri
7. Dr. S. C. Sati

Convener Gaut 9.3.17
Member Thy
Member Surabhi
VC Nominee Surabhi 9/3/17
VC Nominee Surabhi 9/3/17
Member Surabhi
Member A. Sati

1. **Agenda Point 1:** Confirmation of the minutes of XIIth meeting of BOS in Chemistry held on 24th December 2016.

Resolution: The minutes were confirmed.

2. **Agenda Point 2:** The following research scholars enrolled for Ph.D. have sought one year extension for submission of thesis.

1. **Rohit Verma** (application dated 19.01.17) under the supervision of Dr. M.S.S. Jassal (Registration number SC-14222 dated 15.03.13)
2. **Pragya Srivastava** (application dated 11.02.17) under the supervision of Dr. A. R. Semwal (Registration number SC-14223 dated 18.03.13)
3. **Surabhi Sagar** (application dated 15.02.17) under the supervision of Dr. Arshi Rastogi (Registration number SC-14221 dated 18.03.13)
4. **Naresh Kumar** (application dated 22.02.17) under the supervision of Dr. P.K. Hota (Registration number SC-14215 dated 14.03.13)
5. **Gurpreet Kour** (application dated 07.03.17) under the supervision of Dr. S.C. Sati (Registration number SC-14213 dated 09.03.13)
6. **Sunita Ranote** (application dated 08.03.17) under the supervision of Dr. S.C. Sati (Registration number SC-14217 dated 13.03.13)
7. **Praveen Kumar** (application dated 07.03.17) under the supervision of Dr. Veena Joshi (Registration number SC-14214 dated 18.03.13)
8. **Madhu Lata Bharti** (application dated 07.03.17) under the supervision of Dr. Veena Joshi (Registration number SC-14220 dated 15.03.13)
9. **Bhawana** (application dated 19.02.17) under the supervision of Prof. D.S. Negi (Registration number SC-14211 dated 01.09.14)

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A. Sati
Surabhi
Surabhi

Resolution: Recommended for the grant of extension of one year since the completion of four years

3. **Agenda Point 3 :** Issuance of certificate as per UGC regulation 2009 (4th Amendment) to the D. Phil. students who were registered before the enactment of UGC regulations 2009. Note: The following students have submitted applications on the prescribed form for the issue of certificate as per UGC regulation (4th Amendment). BOS members examined the application and taken the decision in each case individually.

Resolution: The documents were examined and on the basis of enclosed documents, the recommendation of BOS, in each case, has been mentioned against the name of the applicant:

- | | |
|---------------------------|---------------------------|
| 1. Alok Maithnai | Certificate may be issued |
| 2. Vinesh Kumar | Certificate may be issued |
| 3. Vivek Ahluwalia | Certificate may be issued |
| 4. Prasanna Bahuguna | Certificate may be issued |
| 5. Niranjana Singh Rathee | Certificate may be issued |

Resolution: In the case of Shivani Pathak and Yogita Sharma the resolution is -

- Shivani Pathak : Certificate of participation in conference do not have abstract of the paper presented. Candidate may be informed to get these attached with her application.
- Yogita Sharma: Certificate of presentation in second conference has not been attached with the application

Candidate may be informed to get these attached with her application.

4. **Agenda Point 4 :** As per the ordinance of Ph.D. of HNB Garhwal University, the scholars have to submit the progress reports annually. The candidates should be informed by the supervisors to follow this strictly. Progress reports of the following candidates were examined by the BOS members-

S.No	Candidates	Supervisor	Period
1	Prashant Kumar Tripathi	Dr. S.C. Sati	10.07.15 to 09.07.16
2	Prachi	Prof. D.S. Negi	13.07.15 to 12.07.16
3	Gurpreet Kour	Dr. S.C. Sati	01.03.16 to 28.02.17
4	Jagdeep Kumar	Dr. P. K. Hota	10.07.15 to 09.07.16
5	Goutam Kumar	Dr. P.P. Badoni	(i) 20.03.14 to 19.03.15 (ii) 20.03.15 to 19.03.16
6.	Anuj Kandwal	Dr. M.C. Purohit	13.07.15 to 12.07.16
7	Geeta Badola	Prof. D.S. Negi	(i) 21.03.14 to 20.03.15 (ii) 21.03.15 to 20.03.16

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- Signature: *[Signature]*
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Resolution: The progress reports were found satisfactory by the BOS members.

5. **Agenda Point 5:** Miss. Namrata Ghildyal, Assistant Professor, Chemistry Department, HNB Garhwal University, Srinagar Garhwal has submitted her resume for getting approved as a Ph.D. Supervisor.

Resolution: Recommended for approval as a Ph.D. Supervisor.

The meeting ended with a vote of thanks to the chair.

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Dean / VC
For approval

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Hon'ble V.C.
For Approval

We may approve the
recommendations of BOS.
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27-03-2017
Dean School of Science
H.N.B. Garhwal University
(A Central University)
Srinagar (Garhwal) 246174
Uttarakhand

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Hon'ble VC

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DEPARTMENT OF CHEMISTRY

H.N.B. GARHWAL UNIVERSITY, SRINAGAR GARHWAL

DATE - 9th and 10th October 2017

Minutes of the XIV Meeting

XIV meeting of the BOS in Chemistry was held on 9th and 10th October 2017, 11.00 am onwards in the Department of Chemistry, Birla Campus, Srinagar Garhwal. The following members were present –

01. Prof. Geeta Joshi, Convener *Geeta Joshi 10.10.17*
02. Prof. D.M. Joshi, Member *D.M. Joshi 10.10.17*
03. Prof. D.S. Negi, Member *D.S. Negi 10.10.17*
04. Prof. D.S. Negi (Mathematics Dept.) VC nominee *D.S. Negi 10.10.17*
05. Prof. S.C. Bhatt (Physics Dept.) VC nominee *S.C. Bhatt 10.10.17*
06. Prof. Veena Joshi, SRT Campus, Badshahithaul, New Tehri. *Veena Joshi 10.10.17*
07. Dr. Jitendra Birla Campus, Srinagar Garhwal. *Jitendra 10.10.17*
08. Dr. S.C. Sati (Invited Member) Birla Campus, Srinagar Garhwal. *S.C. Sati 10.10.17*

01. **Agenda Point 1:** Confirmation of the minutes of XIIIth meeting of BOS in Chemistry held on 09th March 2017.

02. **Agenda Point 2:** Research topics presentation of candidates for Pre Ph.D. 2017.

Overall 23 candidates turned up for the Pre Ph.D. interview out of 57 (based on the entrance test and exempted category). They presented their research interest through power point. Based on the performance, the following candidates were selected for the campuses and affiliated collages.

For University Campus

Name of Candidates		Categories
1.	Sumit	SC
2.	Ghulam Mohammed	ST
3.	Saurabh Saini	OBC
4.	Rohit Singh Sajwan	OBC
5.	Rahul Kumar Vishwakarma	OBC
6.	Shefali Banga	Unreserved

Geeta Joshi 10.10.17 *D.M. Joshi 10.10.17* *D.S. Negi 10.10.17* *S.C. Bhatt 10.10.17* *Veena Joshi 10.10.17* *Jitendra 10.10.17* *S.C. Sati 10.10.17*

7.	Aayasha Negi	Unreserved
8.	Anamika Gusain	Unreserved
9.	Deepak Joshi	Unreserved
10.	Anita Bisht	Unreserved
11.	Mohsin Ali	Unreserved

For Affiliated Colleges

Name of Candidates		Categories
1.	Sain Singh	OBC
2.	Rehnuma Saleheem	OBC
3.	Ankit Singh Barthwal	Unreserved
4.	Jyoti Dhyani	Unreserved
5.	Murtza Gani	Unreserved
6.	Pulkit Kumar Rajput	Unreserved
7.	Rashmi Rawat	Unreserved
8.	Anjum Shaba	OBC

03. **Agenda Point 3** : As per the old ordinance of Ph.D. of H.N.B. Garhwal University, the research scholars have to submit the progress reports annually. The progress reports of the following candidates were examined by the BOS members –

S.No.	Candidates	Supervisor	Period
01	Naresh Kumar	Dr. P.K. Hota	14/03/2016 to 13/03/2017
02	Madhu Lata Bharti	Prof. Veena Joshi	May 2016 to April 2017 May 2017 to Sept 2017
03	Arvind Kumar Rajput	Dr. S.P. Sati	22/03/2016 to 22/03/2017
04	Deepak Patel	Prof. J.S. Jangwan	20/03/2016 to 19/03/2017
05	Surabhi Sagar	Dr. Arshi Rastogi	01/04/2015 to 31/03/2016 01/04/2016 to 31/03/2017
06	Sapna tyagi	Dr. Tanveer Alam	28/03/2014 to 29/03/2015 29/03/2015 to 28/03/2016 29/03/2016 to 28/03/2017
07	Juhi Aggarwal	Dr. Tanveer Alam	14/07/2015 to 14/07/2016 14/07/2016 to 14/07/2017
08	Bhanja Kishore Khuntia	Dr. Tanveer Alam & Dr. Mithilesh Kumari	20/03/2016 to 19/03/2017
09	Geeta Badola	Prof. D.S. Negi	21/03/2014 to 20/03/2015

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			21/03/2015 to 20/03/2016 21/03/2016 to 20/03/2017
10	Sunita Ranote	Prof. Veena Joshi & Prof. G.S. Chauhan (H.P. University)	April 2015 to March 2016 April 2016 to March 2017
11	Narendra Kumar	Dr. Jitendra	July 2016 to July 2017
12	Mahender Singh	Dr. M.C. Purohit	24/03/2016 to 23/03/2017
13	Anuj Kandwal	Dr. M.C. Purohit	13/07/2016 to 12/07/2017
14	Goutam Kumar	Prof. P.P. Badoni	20/03/2016 to 19/03/2017
15	Prashast Kumar Tripathi	Dr. S.C. Sati	11/07/2016 to 10/07/2017
16	Km. Prachi	Prof. D.S. Negi	14/07/2016 to 13/07/2017
17	Navneet Singh	Prof. D.S. Negi	25/03/2016 to 24/03/2017
18	Bhawna	Prof. D.S. Negi	18/03/2015 to 17/03/2016 18/03/2016 to 17/03/2017
19	Jagdeep Kumar	Dr. P.K. Hota	10/07/2016 to 09/07/2017
20	Gurpreet Kaur	Dr. S.C. Sati	18/03/2015 to 17/03/2016 18/03/2016 to 17/03/2017
21	Darshan Singh	Dr. S.C. Sati	09/03/2016 to 08/03/2017 09/03/2017 to 08/09/2017

BOS took a serious note of the candidates submitting the two or more reports simultaneously in one BOS. Hence forth the reports must be submitted annually. Reports submitted were found satisfactory.

04. **Agenda Point 4** : Pre Ph. D. Viva of the following –

01. Madhu Lata Bharti

02. Darshan Singh

Pre Ph.D. viva of Madhu Lata Bharti and Darshan Singh were successfully conducted.

04. Arvind Kumar Rajput

Pre Ph.D. viva of Arvind Kumar Rajput was conducted. There were many faulty interpretation and factual mistakes, hence the candidate was advised to revise the thesis/ presentation and appear before the next BOS for presentation.

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05. **Agenda Point 5** : Request for the extension –

01. Darshan Singh

Darshan Singh has sought extension for one year from 8th March 2017 to 7th March 2018 after completing 4 year on 07th March 2017. BOS recommends one year extension for completion of the work.

06. **Agenda Point 6** : Evaluation of documents for the issue of certificates as per UGC 2009 regulation.

01. Yogita Sharma

02. Dwarika Prasad

03. Madhuri Joshi

04. N. Semwal

05. Shivani Pathak

Documents were examined for the issuance of certificates as per the UGC regulation (4th amendment). BOS recommends issue of the certificates to –

01. Yogita Sharma

02. Dwarika Prasad

03. Madhuri Joshi

04. N. Semwal

05. Shivani Pathak

07. **Agenda Point 7** : Approval of faculty members as Ph.D. supervisors :

01. Dr. Ajay Kuamr Srivastava, Chemistry Department, DBS (PG) College, Dehardun.

02. Dr. Giridhar Joshi, Chemistry Department, Govt. PG College, Gopeshwar.

03. Dr. A.M. Painuli, Chemistry Department, Govt. (PG) College, New Tehri.

CV/ Resume of all the three faculty members working in different affiliated colleges of H.N.B. Garhwal University are approved by the BOS.

08. **Agenda Point 8** : Syllabus for Pre Ph.D.-

As per the HNBGU ordinances (Letter/G.U./2017/27 dated 12.09.17) regarding the Ph.D., the scholars enrolled have to earn 8-16 credits in the pre Ph.D. papers including one paper on research methodology. The papers in pre Ph.D. will now be-

1. Research methodology for chemistry (SOS CH01) 4 credits

2. Physical methods in chemistry (SOS CH02) 4 credits

3. Art in organic synthesis (SOS CH03) 4 credits

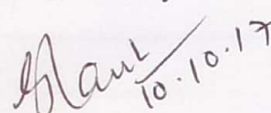
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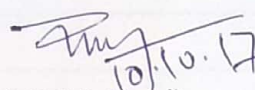
BOS members went through the contents and approved the above papers. In anticipation of approval of the academic council the above papers are prescribed for the pre Ph.D. course work, session 2017 onwards.

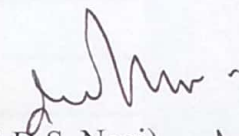
09. Agenda Point 9 : Revision of M.Sc. I Sem Physical Chemistry Syllabus
Dr. Namrata Ghildiyal, Chemistry Dept., proposed that the syllabus for M.Sc. I Sem - Physical Chemistry -I (SOS/C003) of HNBGU is very lengthy in comparison to the syllabi of other Central Universities and unit wise order is also not precise. Hence a revised syllabus is proposed to be vetted by BOS members.

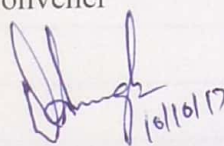
2018 onwards for the paper SOS/C003 the proposed contents be adopted in anticipation of the approval by the Academic Council.

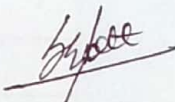
10. Agenda Point 10 : Appointment of examiners for U.G. and P.G. courses.
Resolution – ~~Chairman~~^{Chairman}, BOS is authorized to submit the list of examiners to the University.^{Convenor}

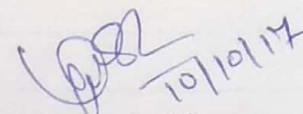

(Prof. Geeta Joshi)
Convenor

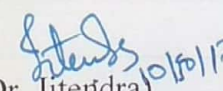

(Prof. D.M. Joshi)
Member

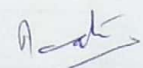

(Prof. D.S. Negi)
Member


(Prof. D.S. Negi)
Mathematics Dept., VC nominee

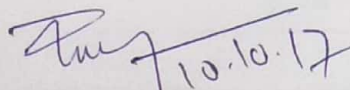

(Prof. S.C. Bhatt,.)
Physics Dept., VC nominee

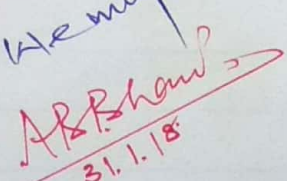

(Prof. Veena Joshi)
SRT Campus, Badshahithaul

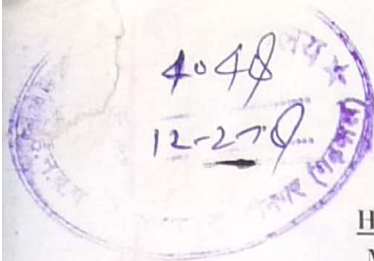

(Dr. Jiteridra)
Birla Campus, Srinagar


(Dr. S.C. Sati)
Invited member

Hon'ble VC for approval—


(Prof. D.M. Joshi)
Dean, School of Sciences


A.R. Bhat
31.1.18



DEPARTMENT OF CHEMISTRY
H.N.B. GARHWAL UNIVERSITY, SRINAGAR GARHWAL
Minutes of the XV Meeting of Board of Studies in Chemistry
DATE 10TH FEBRUARY 2018

XV Meeting of the BOS in Chemistry was held on 10th February 2018 at 11.00 a.m. in the Department of Chemistry, Birla Campus, H.N.B. Garhwal University, Srinagar Garhwal. The following members were present:

1. Prof. Geeta Joshi
2. Prof. D. M. Joshi
3. Prof. V.S. Singh
4. Prof. D. S. Negi
5. Prof. J.S. Jagwan
6. Prof. P.P. Badoni
7. Prof. Veena Joshi
8. Dr. Jitendra
9. Prof. D. S. Negi, Department of Mathematics
10. Prof. S. C. Bhatt, Department of Physics

Convener *[Signature]* 10.2.18
Member *[Signature]*
Member *[Signature]*
Member *[Signature]*
Member *[Signature]* 10/2/18
Member *[Signature]*
Member *[Signature]* 10/2/18
VC Nominee *[Signature]* 10/2/18
VC Nominee *[Signature]* 10/2/18

1. **Agenda Point 1:** Confirmation of the minutes of XIV meeting of BOS in Chemistry held on 9th & 10th Oct. 2017.

Resolution: Minutes of XV meeting were confirmed.

2. **Agenda Point 2 :** Extension sought by the following Ph.D. scholars –

- (i) Bharti (Reg. no. SC -15241)
- (ii) Deepak Patel (Reg. no SC -15236)
- (iii) Sanjay Dutt (Reg. no. SC- 15233)
- (iv) Bhanja Kishore Khuntia (Reg. no. SC -15237)
- (v) Sapna Taygi (Reg. no. 15238)
- (vi) Mahender Singh (Reg. no. SC- 15240)

Resolution: Application were considered and extensions of a year recommended.

3. **Agenda Point 3 : Progress Reports (Annually)**

The following scholars submitted their progress reports

S.No	Candidates	Supervisor	Period
01	Naresh Kumar	Dr. P.K. Hota	14/03/2017 to 09/02/2018
02	Rohit Verma	Dr. Manmohan Singh Jassal	April 2015 to May 2016 April 2016 to May 2017 April 2017 to Feb. 2018
03	Goutam Kumar	Dr. Prabhakar P. Badoni	20/03/2017 to 08/02/2017
04	Navneet Singh	Prof. D.S. Negi	25/03/2017 to 08/02/2018
05	Geeta Badola	Prof. D.S. Negi	21/03/2017 to 08/02/2018
06	Gurpreet Kour	Dr. S.C. Sati	09/03/2017 to 09/02/2018

Resolution: The progress reports were found to be satisfactory.

4. **Agenda Point 4:** Recommendation of the experts' panel.

Resolution: Name of the 10 experts are being recommended by the BOS.

5. **Agenda Point 5:** Re registration of candidates

- (i) Surabhi Sagar
- (ii) Rohit Verma
- (iii) Sunita Ranote
- (iv) Pragya Shrivastava
- (v) Bhawna

Resolution: It is recommended that all the above candidates be reregistered.

6. **Agenda Point 6:** Evaluations of documents for the issue of certificates as per UGC 2009 regulation of the following candidate

Dr. Rajni Kant Sharma
Dr. Surendrer Kumar

Resolution: Documents were examined for the issuance of certificate as per the UGC regulation (4th amendment). BOS members suggested that both the candidates be informed about attaching the certificates for presentation in conferences.

7. **Agenda Point 7:** Approval of Faculty members as Ph.D. Supervisors :

- (i) Dr. Anju Bhatnagar (Assistant Professor), Department of Chemistry, D.B.S. (PG) College, Dehradun.
- (ii) Dr. Deepali Singhal (Assistant Professor), Department of Chemistry, S.G.R.R. (PG) College, Dehradun.

Resolution: CV/ Resume of the two faculty members working in different affiliated colleges of H.N.B. Garhwal University are recommended to be approved as supervisors.

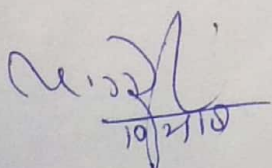
8. **Agenda Point 8:** Slight changes in the topic and line of work of Mr. Mahender singh

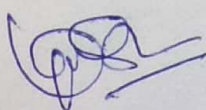
Resolution: Synopsis with new topic, entitled "Isolation, characterization and synthesis of metallic nanoparticles of some selected medicinal plants and their biological activities" and modifications approved

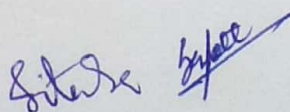
9. **Agenda Point 9:** Ph.D. thesis pre submission presentation.

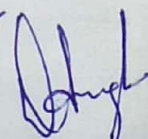
The following candidates gave the pre submission presentation –

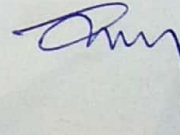
- (i) Arvind Kumar Rajput
Title of Thesis- Synthesis, Spectral characterization and biological evaluation of transition metal complexes of macrocyclic Schiff's base ligands.
Supervisor – Dr. S.P. Sati
- (ii) Mrs Gurpreet Kaur
Title of Thesis- Green synthesis of metal nano particles from some selective plants of *Moraceae*
Supervisor – Dr. S.C. Sati


19/2/10









- (iii) Naresh Kumar
Title of Thesis- "Synthesis and studies on the optical properties of heterocyclic and aryl based donor-acceptor conjugated systems"
Supervisor – Dr. P.K. Hota
- (iv) Geeta Badola
Title of Thesis- "Synthesis, characterization and biological application of nanoparticles using medicinally important plants"
Supervisor – Prof. D.S. Negi
- (v) Navneet Singh
Title of Thesis - "Synthesis and biological evaluation of benzimidazole ligands and their transition metal complexes"
Supervisor – Prof. D.S. Negi
- (vi) Goutam Kumar
Title of Thesis - "Plant mediated synthesis of metallic nanoparticles, characterization and study of their antimicrobial activities"
Supervisor – Prof. P.P. Badoni

Resolution: All the scholars gave their pre submission viva before the members of the BOS successfully and were given the certificates.

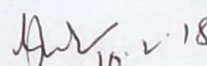
10. **Agenda Point 10 :** Consideration of intake in research for campuses and affiliated colleges.

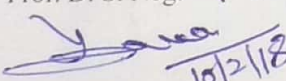
Resolution: For Campus and affiliated colleges 12 and 15 intake of research scholars is recommended for the session 2018-19.

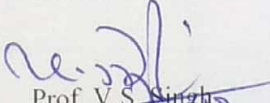
Meeting ended with a vote of thanks.



Prof. D. S. Negi 10/2/18

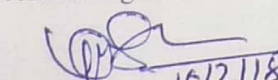
Prof. D. M. Joshi

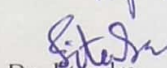

Prof. Geeta Joshi 10.2.18

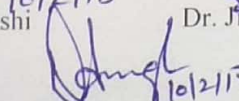

Prof. J.S. Jagwan 10/2/18



Prof. V.S. Singh 10/2/18


Prof. P.P. Badoni 10-02-18


Prof. Veena Joshi 10/2/18

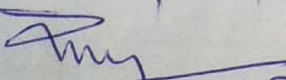

Dr. Jitendra

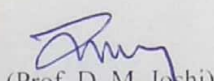

Prof. D. S. Negi 10/2/18

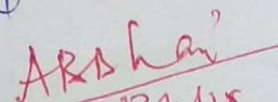

Prof. S. C. Bhatt

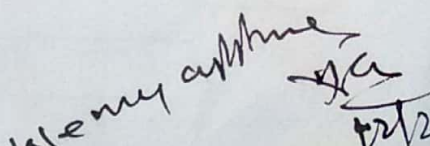
Hon'ble V.C.

Forwarded for approval


10.02.18


(Prof. D. M. Joshi)
Dean, School of Sciences


Arshad
13/2/18


Klemmy
12/2

DEPARTMENT OF CHEMISTRY
H.N.B. GARHWAL UNIVERSITY, SRINAGAR GARHWAL
Minutes of the XVI Meeting of Board of Studies in Chemistry
Date – 19 September 2018.

XVI Meeting of the BoS in Chemistry was held on 19th September 2018 at 11.00am in the Department of Chemistry, Birla Campus, H.N.B. Garhwal University, Srinagar Garhwal. The following members were present :-

01. Prof. Geeta Joshi
02. Prof. D.S. Negi
03. Prof. J.S. Jagwan
04. Prof. P.P. Badoni
05. Prof. Veena Joshi
06. Dr. Jitendra
07. Prof. D.S. Negi, Department of Mathematics
08. Prof. S.C. Bhatt, Department of Physics

Convener

Member

Member

Member

Member

Member

V.C. Nominee

V.C. Nominee

Agenda Point 01:- Approval of the minutes of the meeting of BoS held on 10th February 2018.

Resolution :- minutes are approved

Agenda Point 02:- Allocation of the supervisors –

The following scholars in consultation with the faculty members have submitted the following applications for approval of supervisors

Campuses :-

S.No.	Name of Candidate	Supervisor
01	Mr. Rohit Singh Sajwan	Prof. Veena Joshi, Department of Chemistry SRT Campus, Badshahithaul, Tehri, H.N.B.G.U.
02	Mr. Rahul Kumar Viswakarma	Prof. D.S. Negi, Department of Chemistry Birla Campus, Srinagar, H.N.B.G.U.
03	Mr. Ankit Singh Bartwal	Dr. S.C. Sati, Department of Chemistry Birla Campus, Srinagar, H.N.B.G.U.
04	Rashmi Rawat	Dr. M.C. Purohit, Department of Chemistry BGR Campus, Pauri, H.N.B.G.U.
05	Anamika Gusain	Dr. P.K. Hota, Department of Chemistry Birla Campus, Srinagar, H.N.B.G.U.
06	Mohsin Ali	Dr. Jitendra, Department of Chemistry Birla Campus, Srinagar, H.N.B.G.U.
07	Aayasha Negi	Prof. D.S. Negi, Department of Chemistry Birla Campus, Srinagar, H.N.B.G.U.
08	Sumit	Dr. S.C. Sati, Department of Chemistry Birla Campus, Srinagar, H.N.B.G.U.

Affiliated Colleges :-

S.No.	Name of Candidate	Supervisor
01	Murtaza Gani	Dr. Tanveer Alam, Department of Chemistry KLDV College, Roorkee
02	Pulkit Rajput	Dr. Manmohan Singh Jassal, Department of Chemistry DAV (PG) College, Dehradun
03	Jyoti Dhyani	Dr. Manmohan Singh Jassal, Department of Chemistry DAV (PG) College, Dehradun
04	Anjum Saba	Not yet decided

Resolution :- As per the vacancy with supervisors and application of the scholars guides were allocated.

It was also resolved that for the allocation of the scholars for the batch 2018-19 and onwards, those supervisors for Campuses will be given preference who have not been allocated students in BoS, 19th September 2018.

Agenda Point 03 :- Ph.D. pre submission viva

01. Deepak Patel

Supervisor Prof. J.S. Jangwan

Title of the Thesis – Geen synthesis of Metal Nanoparticles from some Medicinal Plants of Garhwal and their Chemical and Biological Characterization.

Resolution :- Certificate is to be issued to the candidate.

Agenda Point 04 :- Submission of the annual progress report –

S.No	Candidates	Supervisor	Period
01	Narendra Kumar	Dr. Jitendra	July 2017 to July 2018
02	Sanjay Dutt	Prof. Veena Joshi	April 2014 to March 2015 April 2017 to March 2018
03	Madhulata Bharti	Prof. Veena Joshi	Oct. 2017 to Feb. 2018
04	Darshan Singh	Dr. S.C. Sati	Oct. 2017 to 09 March 2018
05	Prashasth Kumar Tripathi	Dr. S.C. Sati	11/07/2017 to 10/07/2018
06	Prachi	Prof. D.S. Negi	13/07/2017 to 12/07/2018
07	Jagdeep Kuamr	Dr. P.K. Hota	10/07/2017 to 09/07/2018
08	Sapna Tyagi	Dr. Tanveer Alam	29/03/2017 to 28/03/2018
09	Juhi Aggarwal	Dr. Tanveer Alam	14/07/2017 to 13/07/2018
10	Bhanja Kishore Khuntia	Dr. Tanveer Alam	20/03/2017 to 19/07/2018
11	Arvind Kumar Rajput	Dr. S.P. Sati	22/03/2017 to 22/01/2018
12	Mahender Singh	Dr. M.C. Purohit	24/03/2017 to 23/03/2018
13	Km. Bharti	Prof. J.S. Jagwan	27/03/2017 to 26/03/2018
14	Deepak Patel	Prof. J.S. Jagwan	23/03/2017 to 22/03/2018 23/03/2018 to 18/03/2018

Resolution :- Reports were found to be satisfactory.

Agenda Point 05 :- Application for the certificate to be issued as per the UGC regulation 2009 (4th Amendment)

01. Jayendra Singh
02. Surender Kumar
03. Manav Kumar Chaudhary
04. Rajni Kant Sharma

Resolution :- The BoS members considered the above applications and recommended the issuance of the certification as per the UGC regulation 2009 (4th amendment)

Agenda Point 06 :- Modification of the Title of Thesis of Gurpreet Kaur

Resolution :- As per the request of the candidate and approval by the supervisor the title of the thesis is approved as "Green Synthesis of Metal Nano Particles from Some Selective Plants of Moraceae"

Agenda Point 07 :- In the ^{minutes} Xth meeting of the BoS there are some typing errors in the period of Progress report (Agenda no. 03 of the minutes of BoS held on 25/07/2016) of Mahender Singh. This needs rectification

Resolution :- Periods of the progress report should be read as –

01. April 2014 to March 2015
02. April 2015 to March 2016

Agenda Point 08 :- Application of Sanjay Dutt for one year extension.

Resolution :- Extension of one year had already been granted to the applicant (Agenda Point 2 (iii) BoS held on 10th Feb. 2018). Application will be sent as enclosure with BoS register.

Meeting ended with a vote of thanks to the members.

(Prof. Geeta Joshi)

(Prof. D.S. Negi)

(Prof. J.S. Jagwan)

(Prof. P.P. Badoni)

(Prof. Veena Joshi)

(Dr. Jitendra)

(Prof. D.S. Negi)

(Prof. S.C. Batt)

VC Nominee

VC Nominee

5206.
03/10/18

Hon'ble VC

For kind approval.

Glaur 20.9.18
Professor & Head
Department of Chemistry
H.N.B. Garhwal University
Srinagar, Garhwal-246174
Uttarakhand India

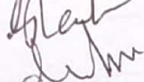
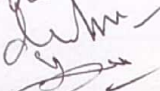
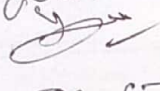
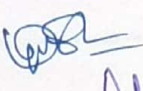
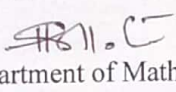

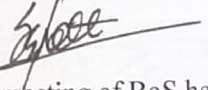
We may approve the
minutes after
this

for VC

Approved
6.10.2018

DEPARTMENT OF CHEMISTRY
H.N.B. GARHWAL UNIVERSITY, SRINAGAR GARHWAL
Minutes of the XVII Meeting of Board of Studies in Chemistry
Date – 26th December 2018.

XVII Meeting of the BoS in Chemistry was held on 26th December 2018 at 11.30am in the Department of Chemistry, Birla Campus, H.N.B. Garhwal University, Srinagar Garhwal. The following members were present :-

01. Prof. Geeta Joshi		Convener
02. Prof. D.S. Negi		Member
03. Prof. J.S. Jangwan		Member
04. Prof. Veena Joshi		Member
05. Dr. P.K. Hota		Member
06. Prof. D.S. Negi, Department of Mathematics		V.C. Nominee
07. Prof. S.C. Bhatt, Department of Physics		V.C. Nominee

Agenda Point 01:- Approval of the minutes of the meeting of BoS held on 19th September 2018.

Resolution :- Minutes were approved

Agenda Point 02 :- Ph.D. pre submission viva

02a. Sunita Ranote

Supervisor: Prof. Veena Joshi, Co-supervisor: Prof. G.S. Chauhan

Title of the Thesis – "Modification of gum of *Moringa oleifera* and their uses as metal ions sorbents and as drug delivery devices"

Resolution 02a- Certificate is to be issued to the candidate.

02b. Jagdeep Kumar

Supervisor: Dr. P.K. Hota

Title of the Thesis – "Synthesis and Optical Properties of Indole Based Donor-Acceptor Conjugated Systems"

Resolution 02b- Certificate is to be issued to the candidate.

02c. Mahender Singh

Supervisor Dr. M.C. Purohit

Title of the Thesis – "Isolation, Characterization and Synthesis of Metallic Nanoparticles of Some Selected Medicinal Plants and Their Biological Activities"

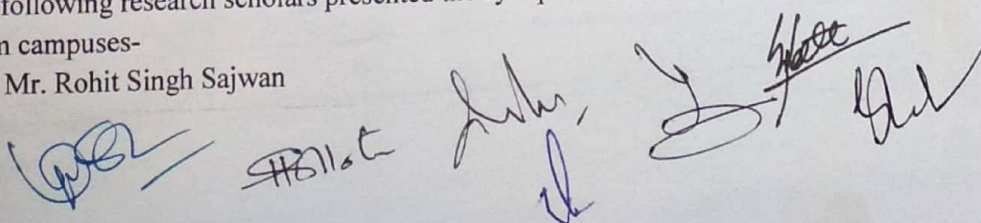
Resolution 02c- Certificate is to be issued to the candidate.

Agenda Point 03:- To examine the Synopses' presentations.

The following research scholars presented the synopses of their research topics-

From campuses-

03a. Mr. Rohit Singh Sajwan



Supervisor: Prof. Veena Joshi, Department of Chemistry
SRT Campus, Badshahithaul, Tehri, H.N.B.G.U.

Title of synopsis: "RADON CONCENTRATION IN GHUTTU WINDOW, GARHWAL HIMALAYA: IMPLICATION FOR PROGENY, METEOROLOGICAL AND SEISMIC VARIABILITY"

Resolution 03a: Synopsis approved

03b. Mr. Rahul Kumar Viswakarma

Supervisor: Prof. D.S. Negi, Department of Chemistry
Birla Campus, Srinagar, H.N.B.G.U.

Title of synopsis: "ISOLATION, CHARACTERIZATION AND DERIVATIZATION OF THE BIOACTIVE COMPOUNDS FROM HIMALAYAN MEDICINAL PLANTS AS COX-1 AND COX-2 INHIBITORY POTENTIAL"

Resolution 03b: Synopsis approved

03c. Mr. Ankit Singh Bartwal

Supervisor: Dr. S.C. Sati, Department of Chemistry
Birla Campus, Srinagar, H.N.B.G.U.

Title of synopsis: "Green Synthesis, Bioactivities and Drug delivery study of Ag-TiO₂ Nanocomposite from flowers and leaves of *Rhododendron* and *Bistorta* Genus of Tungnath Himalaya"

Resolution 03c: Synopsis approved

03d. Rashmi Rawat

Supervisor: Dr. M.C. Purohit, Department of Chemistry
Pauri Campus, Pauri, H.N.B.G.U.

Title of synopsis: "Biosynthesis of Metallic Nanoparticles using Medicinal Plants and Evaluation of their Biological Activities"

Resolution 03d: Synopsis approved

03e. Anamika Gusain

Supervisor: Dr. P.K. Hota, Department of Chemistry
Birla Campus, Srinagar, H.N.B.G.U.

Title of synopsis: "Synthesis, Excited State, Fluorescence Probe and Biological Properties of Heterocyclic Conjugated Molecules"

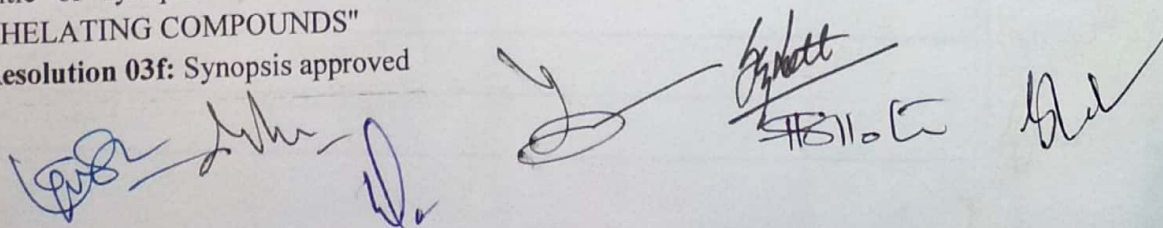
Resolution 03e: Synopsis approved

03f. Narendra Kumar

Supervisor: Dr. Jitendra, Department of Chemistry
Birla Campus, Srinagar, H.N.B.G.U.

Title of synopsis: "SYNTHESIS AND ELECTROANALYTICAL STUDIES OF SOME CHELATING COMPOUNDS"

Resolution 03f: Synopsis approved

The bottom of the page features several handwritten signatures and initials in blue ink. From left to right, there is a signature that appears to be 'V. Joshi', followed by 'D.S. Negi', 'Ankit Singh', 'Rashmi Rawat', 'Anamika Gusain', and 'Narendra Kumar'. There are also some initials and a date '18/11/15' written near the center.

03g. Aayasha Negi

Supervisor: Prof. D.S. Negi, Department of Chemistry
Birla Campus, Srinagar, H.N.B.G.U.

Title of synopsis: "BIOSYNTHESIS OF METALLIC NANOPARTICLES OF SELECTED MEDICINAL PLANTS, CHARACTERIZATION AND THEIR BIOLOGICAL ACTIVITIES"

Resolution 03g: Synopsis approved

03h. Sumit

Supervisor: Dr. S.C. Sati, Department of Chemistry
Birla Campus, Srinagar, H.N.B.G.U.

Title of synopsis: "Biosynthesis of Bilayered Ag-MgO Nanocomposite from Citrus fruits and Its Potential for Different Biological Activities"

Resolution 03h: Synopsis approved

From affiliated colleges-

03i. Murtaza Gani

Supervisor: Dr. Tanveer Alam, Department of Chemistry, KLDV College, Roorkee

Title of synopsis: "Phytochemical Study of the Indigenous Fruits and Vegetables from Temperate Regions of Indian Himalayas"

Resolution 03i: Synopsis approved. The candidate is directed to co-opt a supervisor from Botany background keeping in view the contents of synopsis.

Agenda Point 04 – Consideration of the applications for the re registration

04a. Bhanja Kishore Khuntia

Resolution – The candidate will be completing 5 years on 19 March 2019. He is recommended to get himself reregistered 20.03.2019 onwards.

04b. Sanjay Dutt

Resolution – The candidate will be completing 5 years on 31 March 2019. He is recommended to get himself reregistered 01.04.2019 onwards.

04c. Bharti

Resolution – The candidate will be completing 5 years on 26 March 2019. She is recommended to get herself reregistered 27.03.2019 onwards.

Agenda Point 05 – Progress Reports-

The following research scholars submitted their progress report-

05a. Sunita Ranote

April 2017- 13/03/2018

14/03/2018-24/12/2018

05b. Jagdeep Kumar

10/07/2018-25/12/2018

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05c. Anuj Kandwal
13/07/2017-12/07/2018

05d. Mahender Singh
24/03/2018-25/12/2018

Agenda Point 06- Correction in the title of Ph. D. Thesis

Sunita Ranote

Old title: "Modification of gum of *Moringa oleifera* and their uses as metal ions sorbents and as drug delivery devices"

Corrected title: "Modifications of gum of *Moringa oleifera* and their uses as metal ions sorbents and as drug delivery devices"

Resolution: Correction approved by BoS members.

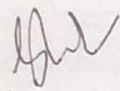
Agenda Point 07- Approval of Co-Supervisor.


Resolution – Dr. Naresh Kumar, Scientist D, Geophysics From Wadia Institute of Himalayan Geology, Dehradun as a Co Supervisor of Rohit Singh Sajwan. His CV is attached.


Agenda Point 08- Consideration for approval as Ph.D. supervisor: Dr. Namrata Ghildiyal.


Resolution - Dr. Namrata Ghildiyal is approved as supervisor for Chemistry, H.N.B. Garhwal University.

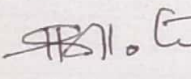
Meeting ended with a vote of thanks to the chair.

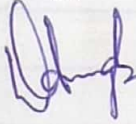

(Prof. Geeta Joshi)


(Prof. D.S. Negi)


(Prof. J.S. Jangwan)


(Prof. Veena Joshi)


(Dr. P.K. Hota)


(Prof. D.S. Negi)


(Prof. S.C. Batt)

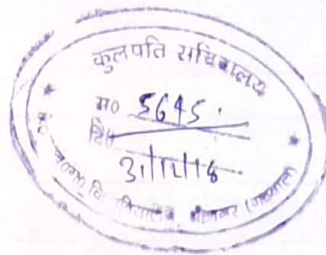
We may approve the minutes except Agenda No. 7 which is contrary to ordinance 2(i)
AGH
28/12

Hon'ble VC

For kind approval...

Dr. Anurag Singh
School of Science
H.N.B. Garhwal University
(A Central University)
Srinagar (Garhwal) 246174
Uttarakhand

Hon'ble VC
A Approved except No. 7
Dr. Anurag Singh
1.1.2019



05c. Anuj Kandwal
13/07/2017-12/07/2018

05d. Mahender Singh
24/03/2018-25/12/2018

Agenda Point 06- Correction in the title of Ph. D. Thesis

Sunita Ranote

Old title: "Modification of gum of *Moringa oleifera* and their uses as metal ions sorbents and as drug delivery devices"

Corrected title: "Modifications of gum of *Moringa oleifera* and their uses as metal ions sorbents and as drug delivery devices"

Resolution: Correction approved by BoS members.

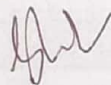
Agenda Point 07- Approval of Co-Supervisor.

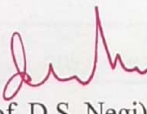
Resolution – Dr. Naresh Kumar, Scientist D, Geophysics From Wadia Institute of Himalayan Geology, Dehradun as a Co Supervisor of Rohit Singh Sajwan. His CV is attached.

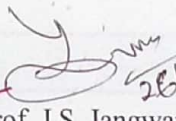
Agenda Point 08- Consideration for approval as Ph.D. supervisor: Dr. Namrata Ghildiyal.

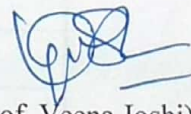
Resolution - Dr. Namrata Ghildiyal is approved as supervisor for Chemistry, H.N.B. Garhwal University.

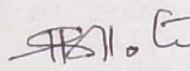
Meeting ended with a vote of thanks to the chair.

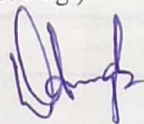

(Prof. Geeta Joshi)



(Prof. D.S. Negi)


(Prof. J.S. Jangwan)


(Prof. Veena Joshi)


(Dr. P.K. Hota)


(Prof. D.S. Negi)


(Prof. S.C. Batt)

we may approve the minutes except Agenda No. 7 which is contrary to ordinance 2(iii)
AGH
28/12

Hon'ble VC

For kind approval.

*Head School of Science
H.N.B. Garhwal University
(A Central University)
Srinagar (Garhwal) 246174
Uttarakhand*

*Hon'ble VC
Approved except no. 7
Dugues
1.1.2019*

DEPARTMENT OF CHEMISTRY
H.N.B. GARHWAL UNIVERSITY, SRINAGAR GARHWAL
Minutes of the XVIII Meeting of Board of Studies in Chemistry
Date – 13th February 2019

XVIII Meeting of the BoS in Chemistry was held on 13th February 2019 on at 11.30am in the Department of Chemistry, Birla Campus, H.N.B. Garhwal University, Srinagar Garhwal. The following members were present :-

01. Prof. Geeta Joshi	Convener
02. Prof. D.S. Negi	Member
03. Prof. P. P. Badoni	Member
04. Dr. P.K. Hota	Member
05. Prof. D.S. Negi, Department of Mathematics	V.C. Nominee
06. Prof. S.C. Bhatt, Department of Physics	V.C. Nominee

Agenda Point 01:- Approval of the minutes of the XVII meeting of BoS held on 26th December 2018.

Resolution 01:- Minutes were approved

Agenda Point 02:- Ph.D. pre submission viva

(i). Rohit Verma

Supervisor: Dr. MMS Jassal

Title of the Thesis "Development of Low cost Xanthium Based Activated Carbon and its application in Pollutant removal from waste water."

(ii). Surabhi Sagar

Supervisor: Dr. Arshi Rastogi

Title of the Thesis "Removal of Hazardous Dyes from synthetic waste water using Algal Biomass as low cost adsorbents."

(iii). Sapna Tyagi

Supervisor Dr. Tanveer Alam

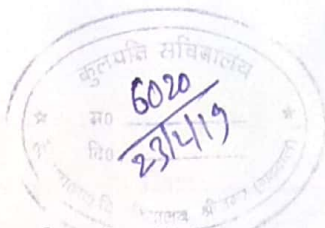
Title of the Thesis "Green Synthesis, Characterization and Biological Applications of Nanoparticles using Medicinal Plants."

Resolution 02:- Certificates are to be issued to the candidates.

Agenda Point 03 :- Annual progress reports

- (i) Progress report of Rohit Verma from 01 March 2018 – 12 February 2019.
- (ii) Progress report of Sapna Tyagi from 29 March 2018- 12 February 2019.
- (iii) Progress report of Surabhi Sagar from 01 April 2018 – 12 February 2019 and 01 April 2017 – 31 March 2018.

Resolution 03 :- Annual progress reports of Rohit Verma, Sapna Tyagi and Surabhi Sagar were found satisfactory.



Agenda Point 04:- Increase of Pre-PhD seats from 5 to 10.

Resolution 04:- BOS unanimously resolved to increase the existing University PhD seats in Chemistry from 5 to 10 as the faculty strength in the three campuses is 10 and Chemistry is the biggest Department of the University.

Agenda Point 05:- To consider the EWS seats in the UG and PG programme of Chemistry as per the direction of MHRD vide letter F. No. 19-3/2019-CU, Cdn dated 18th Jan 2019 and in compliance of the decision taken in the meeting dated 31.01.2019 of Deans and HoDs with Hon'ble VC.

Resolution 05:-

Srinagar Campus

As suggested by BOS members, due to lack of infrastructure, class rooms and faculty members,

- (i) the student strength in MSc should be maintained to 54. As per EWS, it should be enhanced from 54 to 61 (multiplied by factor 1.125)
- (ii) the student strength in BSc should be maintained to 545. As per EWS, it should be enhanced from 545 to 613 (multiplied by factor 1.125)

Pauri Campus

As suggested by Prof. P. P. Badoni, due to lack of infrastructure, class room and faculty members-

- (i) the student strength in MSc should be maintained to 20. As per EWS, it should be enhanced from 20 to 23 (multiplied by factor 1.125).
- (ii) the student strength in BSc should be maintained to 300. As per EWS, it should be enhanced from 230 to 258 (multiplied by factor 1.125).

Tehri Campus

As suggested by email Prof. Veena Joshi (through consultation with Prof. Jangwan), due to lack of infrastructure, class rooms and faculty members -

- (i) the student strength in MSc should be maintained to 20. As per EWS, it should be enhanced from 20 to 23 (multiplied by factor 1.125)
- (ii) the student strength in BSc should be maintained to 300. As per EWS, it should be enhanced from 300 to 338 (multiplied by factor 1.125).

Meeting ended with a vote of thanks to the chair.

(Prof. Geeta Joshi)

(Prof. D.S. Negi)
Department of Chemistry

(Prof. P. P. Badoni)

(Dr. P.K. Hota)

(Prof. D.S. Negi)
Department of Mathematics

(Prof. S.C. Bhatt)
Department of Physics

Hon'ble VC
For kind approval
Date 22.2.2019
(Geeta Joshi)

Dean School of Science
N.B. Garhwal University
(A Central University)
Srinagar (Garhwal) 246111

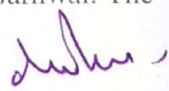



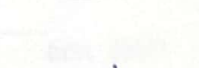
Approved
Date 23.2.2019
VC

Ministry approve the
minutes
24/2

DEPARTMENT OF CHEMISTRY
H.N.B. GARHWAL UNIVERSITY, SRINAGAR GARHWAL
Minutes of the XIX Meeting of Board of Studies in Chemistry
Date – 17th May, 2019


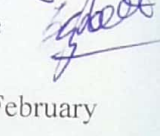
XIX Meeting of the BoS in Chemistry was held on 17th May, 2019 on at 10.30am in the Department of Chemistry, Chauras Campus, H.N.B. Garhwal University, Srinagar Garhwal. The following members were present:-

01. Prof. D.S. Negi
02. Prof. J. S. Jangwan
03. Prof. P. P. Badoni
04. Prof. Veena Joshi
05. Dr. P.K. Hota
06. Prof. P. K. Sharma
Deptt. of Chemistry
Kurukshetra University

Convener 
Member 
Member 
Member 
External Member 

07. Dr. Vineet Kumar
Scientist B and Head
Chemistry Division
FRI, Dehradun
08. Prof. D.S. Negi, Department of Mathematics
09. Prof. S.C. Bhatt, Department of Physics

External Member 

V.C. Nominee 
V.C. Nominee 

Agenda Point 01:- Approval of the minutes of the XVIII meeting of BoS held on 13th February 2019.

Resolution 01:- Minutes were approved.

Agenda Point 02:- Ph.D. pre submission viva

(i). Narendra Kumar

Supervisor: Dr. Jitendra

Title of the Thesis "Synthesis and electroanalytical studies of some chelating compounds."

Resolution 02:- Certificate is to be issued to the candidate.

Agenda Point 03 :- Annual progress reports

- (i) Progress report of Km. Prachi from 13/07/2018 to 17/05/2019.
- (ii) Progress report of Narendra Kumar from 01/08/2018 to 17/05/2019.
- (iii) Progress report of Sumit from 27/12/2017 to 26/06/2018 and 27/06/2018 to 26/12/2018.
- (iv) Progress report of Ankit Singh from 14/11/2017 to 13/05/2018, 14/05/2018 to 13/11/2018 and 14/11/2018 to 13/05/2019

- (v) Progress report of Prashast Kumar Tripathi from 11/07/2018 to 15/05/2019
- (vi) Progress report of Aayasha Negi from 14/11/2017 to 13/05/2018, 14/05/2018 to 13/11/2018 and 14/11/2018 to 13/05/2019.
- (vii) Progress report of Rahul Kumar Vishwakarma from 14/11/2017 to 13/05/2018, 14/05/2018 to 13/11/2018 and 14/11/2018 to 13/05/2019.
- (viii) Progress report of Anamika Gusain from 13/11/2017 to 12/05/2018, 13/05/2018 to 12/11/2018 and 13/11/2018 to 12/05/2019
- (ix) Progress report of Rohit Sajwan from 13/11/2017 to 12/05/2018, 13/05/2018 to 12/11/2018 and 13/11/2018 to 12/05/2019.
- (x) Progress report of Bhanja Kishore Khuntia from 20/03/2018 to 19/03/2019
- (xi) Progress report of Km. Bharti from 27/03/2018 to 26/03/2019
- (xii) Progress report of Rashmi Rawat from 14/11/2017 to 13/05/2018, 14/05/2018 to 13/11/2018 and 14/11/2018 to 13/05/2019.
- (xiii) Progress report of Mahender Singh from 27/12/2018 to 16/05/2019
- (xiv) Progress report of Anuj Kandwal from 13/07/2018 to 17/05/2019.

Resolution :- Reports were found to be satisfactory.

Agenda Point 04: Application for the certificate to be issued as per the UGC regulation 2009 (4th Amendment)

1. Dr. Amita Sharma
2. Dr. Shail Kulshreshtha

Resolution: - The BoS members considered the above applications and recommended the issuance of the certification as per the UGC regulation 2009 (4th amendment)

Agenda Point 05 :- Application for re-registration of Mahender Singh.

Resolution: Re-registration is granted.

Agenda Point 06: Application for one year extension of Anuj Kandwal.

Resolution: One year extension (4+1) is granted subject to approval from the University

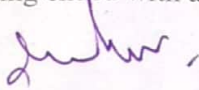
Agenda item 07: Course Outcome and PSO and Curriculum design: Draft proposal was placed before the BoS. After discussion it was resolved to make a committee which will further consider the COs and PSOs and submit it to Convener BoS for finalization. The feedback from M. Sc students were discussed and it was resolved that dissertation and industrial and lab visit can be undertaken only after the appointment of regular faculty in the department.

Agenda Point 07: Ph. D. interview of qualified candidates was held for 05 seats (02 Gen, 01 OBC, 1 SC and 1 ST. 56 candidates were called for interview as per the list provided by Prof. S.S. Rawat, Coordinator Entrance Test. 38 candidates came for the interview and 8 were not found to be eligible as they were not having M. Sc pass certificate/Marksheet. Based on the interview/Viva Voce/presentation:

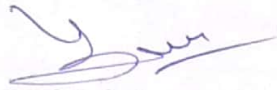
02 candidates selected under Gen category (Serial no. 07 under exempted cat. and Sr. no. 30 from entrance list) and 03 are in WL (Sr no 8, 38 and 10), in OBC category 01 selected (Sr no 2.) and one in Wait list (Serial no 17). In SC cat. 01 selected (Sr no. 24) no WL and under ST category 01 selected (Sr. No 2 from exempted cat.) and 01 in WL (sr. no 23)

(List Enclosed separately in sealed envelope with all enclosures)

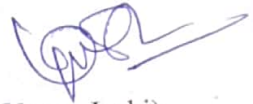
Meeting ended with a vote of thanks to the chair.



(Prof. D.S. Negi)
Convener



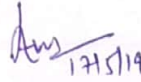
(Prof. J. S. Jangwan)



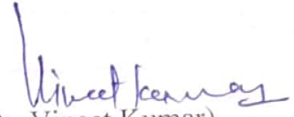
(Prof. Veena Joshi)



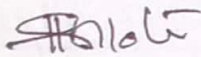
(Prof. P. P. Badoni)



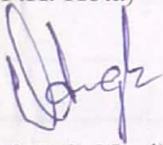
(Prof. P. K. Sharma)



(Dr. Vineet Kumar)



(Dr. P.K. Hota)



(Prof. D.S. Negi)
Department of Mathematics



(Prof. S.C. Bhatt)
Department of Physics

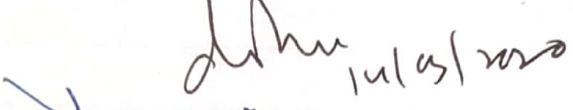




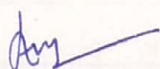
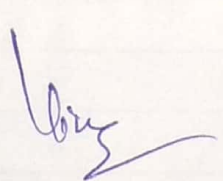
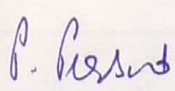
For approval of members.
Approved but Agents (7) left
also reach to be
approved
Chandra
27.6.2019

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DEPARTMENT OF CHEMISTRY
H.N.B. GARHWAL UNIVERSITY, SRINAGAR GARHWAL
Minutes of the XIX Meeting of Board of Studies in Chemistry
Date – 14th March, 2020

XX Meeting of the BoS in Chemistry was held on 14th March, 2020 at 9:00 am in the Department of Chemistry, Chauras Campus, H.N.B. Garhwal University, Srinagar Garhwal. The following members were present:

- | | | |
|---|---|-----------------|
| 01. Prof. D.S. Negi |  | Convener |
| 02. Prof. J. S. Jangwan |  | Member |
| 03. Prof. P. P. Badoni |  | Member |
| 04. Prof. Veena Joshi |  | Member |
| 05. Dr. M.C. Purohit |  | Member |
| 06. Prof. P. K. Sharma
Department of Chemistry
Kurukshetra University |  | External Member |
| 07. Dr. Vineet Kumar
Scientist G and Head
Chemistry Division
FRI, Dehradun |  | External Member |
| 08. Prof. P. Prasad, HAPPRC |  | V.C. Nominee |
| 09. Prof. S.C. Bhatt, Department of Physics | | V.C. Nominee |

Agenda Point 01: Approval of the minutes of the XIX meeting of BoS held on 17th May 2019.

Resolution: Minutes were confirmed

Agenda Point 02: Ph.D. pre submission viva/ Pre PhD presentation

02 a Sanjay Dutt

Supervisor: Prof. Veena Joshi

Title of the Thesis "A Comprehensive Study of Natural Radiation Level in Different Lithological Formations of Pauri Garhwal, India "

Resolution 2 a: Certificate may be issued to the candidate. However, in the final thesis references to be corrected, data may be given using statistical analysis. Reference must be cited at figure taken from book/research paper. Supervisor was informed.

02b: Bhanja Kumar Khuntia

Supervisor: Dr. Tanvir Alam

Title of the Thesis: "Synthesis and characterization of iron-based nanoparticles for the degradation of organochlorine pesticides "

Resolution 02 b: Certificate may be issued to the candidate. However in the final thesis references to be corrected, references in the chapter are not available in the bibliography. Many linguistic errors which must be corrected before the final submission.

02c: Bharti:

Supervisor: Prof. J.S. Jangwan

Title of the Thesis: "Abatement of pollutants from drinking water sources of river Krishni catchment using nanotechnology "

Resolution 02 c: Certificate may be issued to the candidate however in the final thesis references must be in uniform format. The thesis must provide conclusion drawn based on the work reported. Citations of the figures and diagrams to be included in the final thesis.

02 d : Anuj Kandwal

Supervisor: Dr. M. C. Purohit

Title of thesis: "Green synthesis of metallic nanoparticles using extracts of some medicinal plants, characterization and antimicrobial activity."

Resolution 02 d : Certificate may be issued. However, in the final thesis citations for figures and diagrams be incorporated. References to be in give uniform format.

Agenda Point 03: 02 credit courses for awareness about publication ethics and publication misconducts entitled "**Research and Publication Ethics (RPE)**" to be made compulsory for all PhD students for preregistration course work (UGC letter reference no. D.O. No.F.1-I/2018 (Journal/CARE) December, 2019

Core Course 1: Research Methodology – 4 credits

Core Course 2: 3 credits comprising of

(A) RPE – 2 credits

(B) The content to be decided by BoS - 1 credit

(C) Thus, as per the existing system the structure remains the same i.e. two core courses of 7 credits (4 +3) and two elective courses of 8 credits (4+4)

The content of 1 credit is placed before BoS

Resolution ; The BoS unanimously recommends the inclusion of the following course of 01 credit for Pre PhD course work in addition of the 2 credit course prescribed by UGC on “RPE “

One more additional elective paper for 4 credits to be started from the next session.

Agenda Point 04: Annual progress reports

- (i) Progress report of Aayasha Negi from 14/05/2019 to 13/11/2019.
- (ii) Progress report of Rahul Kumar Vishwakarma from 14/05/2019 to 13/11/2019.
- (iii) Progress report of Mohsin Ali from 13/11/2017 to 12/05/2018, 13/05/2018 to 12/11/2019, 13/11/2019 to 12/05/2019 and 13/05/2019 to 12/11/2019.
- (iv) Progress report of Anamika Gusain from 13/05/2019 to 12/11/2019.
- (v) Progress report of Rohit Sajwan from 13/05/2019 to 13/11/2019.
- (vi) Progress report of Bhanja Kishore Khuntia from 20/03/2019 to 06/03/2020.
- (vii) Progress report of Km. Bharti from 27/03/2019 to 06/03/2020.
- (viii) Progress report of Rashmi Rawat from 14/05/2019 to 13/11/2019.
- (ix) Progress report of Anuj Kandwal from 13/07/2018 to 12/07/2019 and 13/07/2019 to till date.
- (x) Progress report of Sumit from 27/12/2018 to 26/05/2019 and 27/05/2019 to 26/12/2019.
- (xi) Progress report of Ankit Singh Bartwal from 14/05/2019 to 13/11/2019.
- (xii) Progress report of Juhi Aggarwal 14/07/2018 to 13/07/2019.
- (xiii) Progress report of Prashast Kumar Tripathi 26/05/2019 to the date of submission of Ph. D thesis.
- (xiv) Progress report of Sanjay Dutt 01/04/2018 to 31/03/2019 and 01/04/2019 to 06/03/2020.

Resolution: The progress report of the candidates were found to be satisfactory

Agenda Point 05: Ratification of the names of experts specialization wise submitted by Convener BoS to the University for various purposes. The names of the experts were taken in circulation from the members BoS and submitted to University.

Resolution: The BoS unanimously ratified the above decision.

Agenda Point 06: Application for the certificate to be issued as per the UGC regulation 2016 (4th Amendment)

1. Dr. Yogesh Bansal.
2. Dr. Mahidhar Prasad Tripathi

Resolution: The BoS members considered the above applications and recommended the issuance of the certification as per the UGC regulation 2016 (4th amendment).

Agenda Point 07: Presentation of synopsis by Mohsin Ali

Supervisor: Dr Jitendra Kumar, Chemistry Dept., HNBGU, Srinagar

The candidate was allotted supervisor which was in consultation with Dr. Jitendra Kumar, Dept of Chemistry, HNBGU, Srinagar. The candidate has not submitted his synopsis even after the three BoS meetings. Now the candidate has requested to allow him to submit his synopsis. The candidate is from the campus and is drawing fellowship also. The matter is placed before BoS.

Resolution: Ideally the candidate should have submitted the synopsis after their course work. However Mohsin Ali submitted synopsis to BoS meeting dated 14/03/2020 considering the specific recommendation of the supervisor Dr. Jitendra Kumar that the candidate is working since he was allotted the student. The BoS recommends the registration of synopsis of Mohsin Ali with amended title: SYNTHESIS AND ELECTROANALYTICAL STUDIES OF SOME METAL COMPLEXES

Agenda Point 08: Application of Pulkit Kumar.

The candidate has qualified the PhD entrance examination and passed the PhD course in June 2018 and in XVI BoS meeting held on 19th September, 2018, the candidate was allotted supervisor which was in consultation with Dr. M.M.S.Jassal, Dept of Chemistry, DAV PG College, Dehradun. The candidate has not submitted his synopsis in the BoS meetings. Now the candidate has requested through his supervisor to allow him to submit his synopsis. The matter is placed before BoS.

Agenda point 12: Formation of Journal Club of the Department

Resolution: BoS unanimously constituted the Journal Club as follows

HoD : Chairman

Dr. S.C. Sati: Coordinator

All supervisors and research scholar as members

Agenda Point 13: Re-registration and Extension of period for Thesis submission.

1. Prashast Kumar Tripathi(One-year extension from 11/07/2019 to 10/07/2020).

2. Juhi Aggarwal (One-year extension from 14/07/2019 to 13/07/2020).

Resolution: Ideally it should have been done before the last date of the registration. However, BoS recommends the extension and the matter be placed in School Board also.

Agenda Point 14: Ph. D. interview of entrance qualified candidates and from exempted category was held for 2019-2020. The following was seat distribution.

1. Campuses seats: 12(Entrance Category)

UR -05 seats

EWS- 01 seat

OBC -03 seats

SC -02 seats

ST -01 seat

2. Affiliated colleges: 12 (Entrance Category)

UR -06 seats

EWS -01 seat

OBC -01 seat

SC -02 seats

ST -02 seats

3. Seats under exempted category: 07

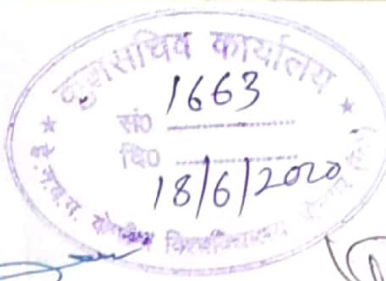
UR -03 seats

OBC -02 seats

SC -01 seat

ST -01 seat

Number of candidates called for interview from the entrance list -**14** and from exempted category -**12**. Entrance qualified attended interview -11 and from the exempted category -06. The BoS unanimously selected the candidates on the basis of their performances in the interview/ marks and recommended for PhD course in Chemistry for University campuses and affiliated colleges, category-wise (**Proceeding and list enclosed separately**).



(Prof. D.S. Negi)
Convener

(Prof. J. S. Jangwan)

(Prof. Vena Joshi)

(Prof. P. P. Badoni)

(Prof. P. K. Sharma)

(Dr. Vineet Kumar)

(Dr. M.C. Purohit)

(Prof. P. Prasad)
HAPPRC

(Prof. S.C. Bhatt)
Department of Physics

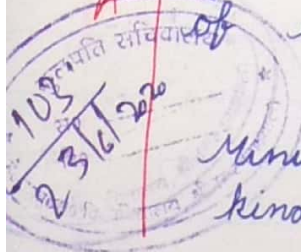
पाठ्यक्रम समिति स्थापन विधान की दिनांक 14/3/2020
में लिए गये निर्णयों में से नंबर 13 स्कूल बोर्ड में
रखा जाना है। शेष विड बोर्ड में भेज दिया है,
अतः माननीय मुख्याध्यापिका के अनुमोदनार्थ प्रस्तुत!

16/6/2020

Signature
16/6/2020

DRTA)

(A) Agenda items no. 3, 10 & 13 needs approval
of School Board.



Minutes of B.O.S. are submitted for
kind consideration and approval please.

Registrar
For VC

20.6.2020

Signature
17/6/20

CA's Approval proposed
Signature
24-6-2020