Ref. No. CUPB/DCS/18/223

## anou: 03/05/2018 Date 01/06/2018 Junt Julint al Sciences Proceeding of the Academic and Administrative Council of Department of Chemical Sciences

The meeting of Academic and Administrative Council (AAC) of Department of Chemical Sciences (CCS) was held on 08/05/2018. The following members were present in the meeting

- 1. Dr. Rajesh Kumar, HOD & Associate Professor
- 2. Dr. Rakesh Kumar, Assistant Professor
- 3. Dr. Krishna kanta Haldar, Assistant Professor
- 4. Dr. Rajendra Singh Dhayal, Assistant Professor
- 5. Dr. J. Nagendra Babu, Assistant Professor
- Dr. Biplab Banerjee, UGC-Assistant Professor 6.

Following agenda was discussed in the meeting:

- 1. Regarding revision of MSc Course structure/syllabi as per guidelines for curriculum design and development.
- Regarding BOS meeting of the Department of Chemical Sciences. 2.

The committee discussed and unanimously resolved:

- 1. As per email received from IQAC director, regarding guidelines for curriculum design and development, the committee discussed the structure of MSc. Chemistry, MSc Chemistry (Specialization: Applied Chemistry) and PhD Chemistry programmes. As per guidelines, committee agreed to include various value-based courses, subject enrichment courses etc. in the curriculum of MSc programmes. Various duties were assigned to the faculty members of the department for the same.
- The committee discussed to further meet and review the draft syllabi after incorporation of discussed changes/inclusion of some courses. Thereafter, according to guidelines for curriculum design and 2. development and as per the availability of external experts, the BOS meeting in the department may be held on or before 15.05.2018. The permission for the same may be initiated from the competent authority.

Dr. Rajesh Kumar Associate Professor

Assistant Professor

Dr. Rakesh Kumar Assistant Professor

B. Banga -Dr. Biplab Banerjee UGC-Assistant Professor

Dr. K. K. Halda Assistant Professor

Dated: 03/05/2018

Dr. R. S. Dhaval Assistant Professor

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Ref. No. CUPB/DCS/18/224

Dated: 01/06/2018

### Proceeding of the Academic and Administrative Council of Department of Chemical Sciences

The meeting of Academic and Administrative Council (AAC) of Department of Chemical Sciences (CCS) was held on 01/06/2018. The following members were present in the meeting

- 1. Dr. Rajesh Kumar, HOD & Associate Professor
- 2. Dr. Rakesh Kumar, Assistant Professor
- 3. Dr. Krishnakanta Haldar, Assistant Professor
- 4. Dr. Rajendra Singh Dhayal, Assistant Professor
- 5. Dr. J. Nagendra Babu, Assistant Professor
- 6. Dr. Biplab Banerjee, UGC-Assistant Professor

Following agenda was discussed in the meeting:

- 1. Regarding breakage of glassware issued to the students.
- 2. Regarding distribution of various duties among faculties for the Academic session 2018-2019

The committee discussed and unanimously resolved:

Agenda Item No. 1: Regarding breakage of glassware issued to the students.

The committee discussed regarding breakage of glassware issued to the MSc students for practical and project work. Committee felt that that while working in the laboratory, if any students found guilty for breaking/hiding any glassware intentionally, he may be charged for the same as decided by the concerned teacher and lab attendant present during that time. Also, from safety point of view, it was decided that one of the laboratory staff compulsorily be present in the laboratory during the working hours.

Agenda Item No. 2: Regarding distribution of various duties among faculties for the Academic session

The committee discussed and distributed various duties related to coordination of various activities such as conducting of exams at departmental level, admission process, PhD seminars and lab incharge etc., among faculty members for the Academic Year 2018-2019. The list of various duties assigned to the faculty members of the Department of Chemical Sciences is attached as Annexure -1

Thus, the committee meeting ended with a vote of thanks of the chairperson and members by convener of the committee.

Dr. Rajesh Kumar Associate Professor

Assistant Professor

Dr. Rakesh Kumar Assistant Professor

Dr. Biplab Banerjee UGC-Assistant Professor

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Dr. K. K. Haldar Assistant Professor

Dr. R. S. Dhayal Assistant Professor

Ref. No. CUPB/DCS/18/224

Dated: 01/06/2018

#### Proceeding of the Academic and Administrative Council of Department of Chemical Sciences

The meeting of Academic and Administrative Council (AAC) of Department of Chemical Sciences (CCS) was held on 01/06/2018. The following members were present in the meeting

- 1. Dr. Rajesh Kumar, HOD & Associate Professor
- 2. Dr. Rakesh Kumar, Assistant Professor
- 3. Dr. Krishnakanta Haldar, Assistant Professor
- 4. Dr. Rajendra Singh Dhayal, Assistant Professor
- 5. Dr. J. Nagendra Babu, Assistant Professor
- 6. Dr. Biplab Banerjee, UGC-Assistant Professor

Following agenda was discussed in the meeting:

- 1. Regarding breakage of glassware issued to the students.
- 2. Regarding distribution of various duties among faculties for the Academic session 2018-2019

The committee discussed and unanimously resolved:

Agenda Item No. 1: Regarding breakage of glassware issued to the students.

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Agenda Item No. 2: Regarding distribution of various duties among faculties for the Academic session 2018-2019.

The committee discussed and distributed various duties related to coordination of various activities such as conducting of exams at departmental level, admission process, PhD seminars and lab incharge etc., among faculty members for the Academic Year 2018-2019. The list of various duties assigned to the faculty members of the Department of Chemical Sciences is attached as Annexure -1

Thus, the committee meeting ended with a vote of thanks of the chairperson and members by convener of the committee.

Dr. Rajesh Kumar Associate Professor

Assistant Professor

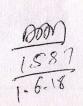
Dr. Rakesh Kumar

Dr. Rakesh Kumar Assistant Professor

Dr. Biplab Banerjee UGC-Assistant Professor

Dr. K. K. Haldar Assistant Professor

Dr. R. S. Dhayal Assistant Professor



Annexure-1

Name of the Activity	Name of the Faculty
Coordination for internal exams of MSc students at departmental level	Dr. K.K. Haldar
Coordination for activities related to MSc students such as seminars, requirement of chemicals/glassware for practicals.	Dr. J.N. Babu Dr. R.S. Dhayal
Coordination for course exams of PhD students, progress report of PhD students and for their seminars	Dr. Rakesh Kumar Dr. Biplab Banerjee
Lab Incharge	Synthesis Lab: Dr. Rakesh Kumar & Dr. R.S Dhayal Biophysical Lab: Dr. Rajesh Kumar
Coordination for various Departmental/University level co-curricular activities:	Sports: Dr. Rakesh Kumar Cultural: Dr. R.S. Dhayal Trip related: K.K. Haldar Invited Talk: Biplab Banerjee Conferences and Symposium: Dr. J.N. Babu and Dr. Haldar
Related to MSc admission process.	Dr. Rajesh Kumar, Dr. Rakesh Kumar, Dr. R.S. Dhayal and Dr. J.N. Babu
Coordination for providing any information to QAC	Dr. J.N. Babu and Dr. K.K. Haldar

Rajesh Kumar Associate Professor

Dr. J. A. Babu Assistant Professor

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Dr. Rakesh Kumar Assistant Professor

Banenjec Dr. Biplab Banerjee UGC-Assistant Professor

Dr. K. K. Halder

Assistant Professor

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Dr. R. S. Dhayal Assistant Professor

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Ref. No...

Dated: 06/07/2018

#### Proceeding of the Academic and Administrative Council of Department of Chemical Sciences

The meeting of Academic and Administrative Council (AAC) of the Department of Chemical Sciences (DCS) was held on 03/07/2018. The following members were present in the meeting

- 1. Dr. Rajesh Kumar, HOD & Associate Professor
- 2. Dr. Rakesh Kumar, Assistant Professor
- 3. Dr. Krishna kanta Haldar, Assistant Professor
- 4. Dr. Rajendra Singh Dhayal, Assistant Professor
- 5. Dr. Biplab Banerjee, UGC-Assistant Professor

Following agenda was discussed in the meeting:

- 1. Regarding external academic audit of the department
- 2. Regarding requirement of a cooler for the lab
- 3. Regarding PhD semester progress seminar

The committee discussed and unanimously resolved:

1. Chairperson of AAC discussed about the email received from IQAC director, regarding External

- Academic Audit of the Department on 10<sup>th</sup> July 2018. In this regard, duties were assigned to the faculty members to coordinate and collect various information and to submit the same before 07.06.2018 to HOD's Office.
- 2. As per the request received from research scholars of the department regarding requirement of a cooler in the lab, the committee discussed and resolved that there is need of a cooler in the lab while working in such hot and humid weather. Committee decided that the purchase of one cooler may be initiated from the maintenance budget Head 2018-19 of the Department of Chemical Sciences.
- 3. Regarding progress seminar of PhD students before Research advisory Committee for the scholars of Academic Session 2016-17 and 2017-18 (Reference: CUPB/CC/COE/18/154, dated 11/05/2018), Dr. Rakesh Kumar and Dr. B. Banerjee will coordinate for the same.

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Dr. K. K. Haldar

Assistant Professor

Dr. Rajesh Kumar

Associate Professor

(On Leave) Dr. J. N. Babu Assistant Professor

211-00 Dr. Rakesh Kumar Assistant Professor

B. Banch Jre Dr. Biplab Banerjee UGC-Assistant Professor

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Dr. R. S. Dhayal

Assistant Professor

CUPB/ DCS/18/258

Ref. No.....

Dated: 06/07/2018

Proceeding of the Academic and Administrative Council of Department of Chemical Sciences

The meeting of Academic and Administrative Council (AAC) of the Department of Chemical Sciences (DCS) was held on 03/07/2018. The following members were present in the meeting

- 1. Dr. Rajesh Kumar, HOD & Associate Professor
- 2. Dr. Rakesh Kumar, Assistant Professor
- 3. Dr. Krishna kanta Haldar, Assistant Professor
- 4. Dr. Rajendra Singh Dhayal, Assistant Professor
- 5. Dr. Biplab Banerjee, UGC-Assistant Professor

Following agenda was discussed in the meeting:

- 1. Regarding external academic audit of the department
- 2. Regarding requirement of a cooler for the lab
- 3. Regarding PhD semester progress seminar

The committee discussed and unanimously resolved:

- Chairperson of AAC discussed about the email received from IQAC director, regarding External Academic Audit of the Department on 10<sup>th</sup> July 2018. In this regard, duties were assigned to the faculty members to coordinate and collect various information and to submit the same before 07.06.2018 to HOD's Office.
- 2. As per the request received from research scholars of the department regarding requirement of a cooler in the lab, the committee discussed and resolved that there is need of a cooler in the lab while working in such hot and humid weather. Committee decided that the purchase of one cooler may be initiated from the maintenance budget Head 2018-19 of the Department of Chemical Sciences.
- Regarding progress seminar of PhD students before Research advisory Committee for the scholars of Academic Session 2016-17 and 2017-18 (Reference: CUPB/CC/COE/18/154, dated 11/05/2018), Dr. Rakesh Kumar and Dr. B. Banerjee will coordinate for the same.

Dr. Rajesh Kumar

Associate Professor

(On Leave) Dr. J. N. Babu Assistant Professor

2h-DN Dr. Rakesh Kumar Assistant Professor

Dr. Biplab Banerjee

B. BanenTre

UGC-Assistant Professor

Dr. K. K. Haldar Assistant Professor

Dr. R. S. Dhayal Assistant Professor

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### Ref. No. CUPB/PS 118/425

#### Proceeding of the Academic and Administrative Council of Department of Chemical Sciences

The meeting of Academic and Administrative Council (AAC) of the Department of Chemical Sciences (DCS) was held on 06/08/2018. The following members were present in the meeting

- 1. Dr. Rajesh Kumar, HOD & Associate Professor
- 2. Dr. Rakesh Kumar, Assistant Professor
- 3. Dr. Krishna kanta Haldar, Assistant Professor
- 4. Dr. Rajendra Singh Dhayal, Assistant Professor
- 5. Dr. Biplab Banerjee, UGC-Assistant Professor

Following agenda was discussed in the meeting:

- 1. Regarding MSc Chemicals
- 2. Regarding signing of office files
- 3. Regarding working space for newly joined PhD Scholars

The committee discussed and unanimously resolved:

- 1. Chairperson of AAC discussed that the chemicals and glassware procured for MSc Practicals will be utilized exclusively for MSc Practicals and not for personal research work.
- 2. HOD of the department requested that due to his busy schedule, various official files/project files/leave form etc. may be submitted to DEO (Mr. Harmanpreet Singh) instead of coming directly to him for signing them, unless extremely urgent. The committee also discussed about problems/scarcity of staff for processing of the files in the morning time (before lunch) as Mr. Harmanpreet Singh is available/deputed only for the second half of the day.
- 3. As per request received from Dr. J.N Babu and Dr. KK Haldar for providing working space for their recently joined PhD Scholars, the committee visited the research laboratory of the Department of Chemical Sciences and after discussion/reshuffling of some minor equipments, the working space for the PhD research scholars was provided.

Dr. Rajesh Kumar Associate Professor

Assistant Professor

Dr. Rakesh Kumar Assistant Professor

B. Banenjee Dr. Biplab Banerjee UGC-Assistant Professor

K. WHalder

Dr. K. K. Haldar Assistant Professor

Dr. R. S. Dhayal Assistant Professor

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Ref. No CUPB RCS/18/424

# Proceeding of the Academic and Administrative Council of Department of Chemical Sciences

The meeting of Academic and Administrative Council (AAC) of the Department of Chemical Sciences (DCS) was held on 18/09/2018. The following members were present in the meeting

- 1. Dr. Rajesh Kumar, HOD & Associate Professor
- 2. Dr. Rakesh Kumar, Assistant Professor
- 3. Dr. Rajendra Singh Dhayal, Assistant Professor
- 4. Dr. Biplab Banerjee, UGC-Assistant Professor

Following agenda was discussed in the meeting:

- Regarding Chemical/glassware requirement for MSc Dissertation/MSc Practicals and allocation of departmental Budget 2018-19.
- 2. Regarding providing various information to IQAC well in time.

The committee discussed and unanimously resolved:

- 1. Chairperson of AAC discussed about the utilization of departmental budget 2018-19. It was decided that each faculty member of the department will be allotted Rs. 40000 each, which will be utilized for conducting MSc Project/Dissertation in the forthcoming session. The remaining budget money will be utilized for establishing the basic needs of chemicals, glassware and plasticware for MSc Practical's, as still there is a shortage keeping in view the strength of MSc students of the department. Thus, according to the availability and need/shortage, committee decided that Rs. 90000/- each will be utilized for Organic Chemistry, Inorganic Chemistry and Physical/Biophysical chemistry experiments.
- 2. Chairperson of AAC discussed that the IQAC asks about various information time to time which may be provided and submitted well in time.

Dr. Rajesh Kumar Associate Professor

Dr. V. N. Babu Assistant Professor

On M. Dr. Rakesh Kumar

Assistant Professor

B. Ban (n) (C Dr. Biplab Banerjee UGC-Assistant Professor

Dr. K. K. Haldar Assistant Professor

Dr. R. S. Dhayal Assistant Professor

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### Ref. No. CUPB/Das/18/496

# Proceeding of the Academic and Administrative Council of Department of Chemical Sciences

The meeting of Academic and Administrative Council (AAC) of the Department of Chemical Sciences (DCS) was held on 22/10/2018 in HOD's Office. The following members were present in the meeting.

- 1. Dr. Rajesh Kumar, HOD & Associate Professor
- 2. Dr. Rakesh Kumar, Assistant Professor
- 3. Dr. Krishna kanta Haldar, Assistant Professor
- 4. Dr. Rajendra Singh Dhayal, Assistant Professor
- 5. Dr. Biplab Banerjee, UGC-Assistant Professor

Following agenda was discussed in the meeting:

- 1. Regarding requirement of working space for smooth conduct of MSc Project/Dissertation work.
- 2. Regarding refilling of printer cartridges.
- 3. Regarding assigning duties for MST-2 Exams.

The committee discussed and unanimously resolved:

- AAC committee discussed that in the 4th semester (January 2019-June 2019) of MSc Chemistry and MSc Chemistry (Spec. Applied Chemistry), thirty-three (33) students will be offered project work/Dissertation work as a part of course curriculum. It would not be possible to accommodate all the students and work in the provided space/research lab of department of chemical sciences. Thus, the committee decided that the authorities may be requested for providing some other working space for the smooth conduct of MSc project/dissertation work.
- 2. Committee discussed that as the strength of MSc students has increased, frequent requirement for refilling of printer cartridges occurs for printing of various surprise test (three in number per course) and MST-1, MST-2 questions papers besides printing of various official documents. Thus, it is recommended that each faculty member may be allowed to refill one printer cartridge per semester for the above purpose and the money for the same will be deducted from the departmental budget head allotted in that particular financial year.
- AAC committee discussed and assigned various duties to the faculty members for the forthcoming MST-2 exams.

Dr. Rajesh Kumar Associate Professor

Dr. J. N. Babu Assistant Professor

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Dr. Rakesh Kumar Assistant Professor

B. Bancijer

Dr. Biplab Banerjee UGC-Assistant Professor

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(K. W. Haldar Dr. K. K. Haldar

Assistant Professor

(Part +

Dr. R. S. Dhayal Assistant Professor

### Ref. No. CUPB/DCS/18/486

Proceeding of the Academic and Administrative Council of Department of Chemical Sciences

The meeting of Academic and Administrative Council (AAC) of the Department of Chemical Sciences (DCS) was held on 22/10/2018 in HOD's Office. The following members were present in the meeting.

- 1. Dr. Rajesh Kumar, HOD & Associate Professor
- 2. Dr. Rakesh Kumar, Assistant Professor
- 3. Dr. Krishna kanta Haldar, Assistant Professor
- 4. Dr. Rajendra Singh Dhayal, Assistant Professor
- 5. Dr. Biplab Banerjee, UGC-Assistant Professor

Following agenda was discussed in the meeting:

- 1. Regarding requirement of working space for smooth conduct of MSc Project/Dissertation work.
- 2. Regarding refilling of printer cartridges.
- 3. Regarding assigning duties for MST-2 Exams.

The committee discussed and unanimously resolved:

- 1. AAC committee discussed that in the 4th semester (January 2019-June 2019) of MSc Chemistry and MSc Chemistry (Spec. Applied Chemistry), thirty-three (33) students will be offered project work/Dissertation work as a part of course curriculum. It would not be possible to accommodate all the students and work in the provided space/research lab of department of chemical sciences. Thus, the committee decided that the authorities may be requested for providing some other working space for the smooth conduct of MSc project/dissertation work.
- 2. Committee discussed that as the strength of MSc students has increased, frequent requirement for refilling of printer cartridges occurs for printing of various surprise test (three in number per course) and MST-1, MST-2 questions papers besides printing of various official documents. Thus, it is recommended that each faculty member may be allowed to refill one printer cartridge per semester for the above purpose and the money for the same will be deducted from the departmental budget head allotted in that particular financial year.
- 3. AAC committee discussed and assigned various duties to the faculty members for the forthcoming MST-2 exams.

Dr. Rajesh Kumar Associate Professor

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Dr. J. N. Babu Assistant Professor

Dr. Rakesh Kumar Assistant Professor

B. Bancijer Dr. Biplab Banerjee UGC-Assistant Professor

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Dr. K. K. Haldar Assistant Professor

Dr. R. S. Dhayal Assistant Professor

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### Proceeding of the Academic and Administrative Council of Department of Chemical Sciences

The meeting of Academic and Administrative Council (AAC) of the Department of Chemical The most DCS) was held on 28/11/2018 in HOD's Office. The following members were present in the meeting.

- 1. Dr Rajesh Kumar, HOD & Associate Professor
- 2. Dr. Rakesh Kumar, Assistant Professor
- 3. Dr. Rajendra Singh Dhayal, Assistant Professor
- 4. Dr. Nagendra Babu, Assistant Professor

Following agenda was discussed in the meeting:

1. Regarding additional budget for the purchase of thermoelectric peltier.

The committee discussed and unanimously resolved: The budget booked for the thermoelectric peltier for protein thermodynamics was Rs. 4.5 lacs. The cost of this accessory is Rs. 7.02 lacs (USD =9350). So, the additional budget of Rs. 2.51 lacs is required to purchase this accessory. The additional budget may be adjusted/relocated from the existing approved budget of Rs. 10.0 lacs for Bio-ATR (FTIR accessory) for biomolecules structural studies in aqueous medium. In comparison to FTIR instrument, the cost of Bio-ATR is too high (approximately Rs. 25 lacs as provided quotation by Bruker) and so it is not worth to install this accessory to more than six year old already available FTIR in CIL (approximately Rs. 15 lacs). Apart from this, instead of Bio-ATR accessory, AquaSpec Transmission Cell can solve the purpose of doing chemistry of biomolecules in aqueous solution and which can be purchased in the remaining budget of Bio-ATR accessory.

Dr. Rajesh Kumar Associate Professor

Babu

Dr.

NII. OM Dr. Rakesh Kumar Assistant Professor

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Dr. K. K. Haldar Assistant Professor

Dr. R. S. Dhayal Assistant Professor

Assistant Professor Den Sem