

Date: 04.08.2015

**Subject: Request for the approval of constitution of Academic and Administrative Committee (AAC) in the Centre for Chemical Sciences.**

The following are the proposed members of the Academic and Administrative Committee (AAC) in the Centre for Chemical Sciences (Ref no. CUPB/CC/15/notification/14 dated 23-7-15):

**Chairperson:**

1. Dr. Rakesh Kumar, Assistant Professor, Officiating In-Charge, Centre for Chemical Sciences (CCS).

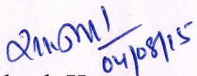
**Members:**

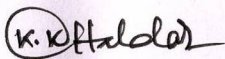
1. Dr. Rakesh Kumar, Assistant Professor, Member and Chairperson, CCS
2. Dr. Krishna Kanta Haldar, Assistant Professor, Member and Convenor, CCS
3. Dr. Rajendra S. Dhayal, Assistant Professor, Member, CCS
4. Dr. J. Nagendra Babu, Assistant Professor, Member, CCS

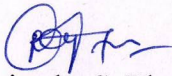
**Convenor:**

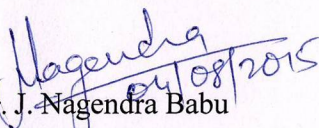
1. Dr. Krishna Kanta Haldar, Assistant Professor, CCS

Submitted for your kind consideration and approval please.

  
Dr. Rakesh Kumar  
OIC

  
Dr. Krishna Kanta Haldar  
Assistant Professor

  
Dr. Rajendra S. Dhayal  
Assistant Professor

  
Dr. J. Nagendra Babu  
Assistant Professor

## Centre for Chemical Sciences

**Subject: Proceeding of the Academic and Administrative Committee (AAC) - Centre for Chemical Sciences**

As per the notification (Ref. No. (Ref no. CUPB/CC/15/notification/14 dated 23-7-15), The Academic and Administrative Committee (AAC) of Centre for Chemical Sciences (CCS) was constituted with following members which met on 5<sup>th</sup> August, 2015 at 3:30 P.M. in the Room No. 2B-4 (Hall No. 2) of Academic Block at Central University of Punjab, Bathinda and discussed about various Academic and Administrative issues related to the Centre.

1. Dr. Rakesh Kumar, (OIC)
2. Dr. Krishna Kanta Haldar (Convener)
3. Dr. Rajendra Singh Dhayal, Assistant Professor
4. Dr. J. Nagendra Babu, Assistant Professor

Following agenda was discussed in the meeting:

1. The orientation Programme for the students enrolled in first semester
2. Time Table for the M.Sc. Chemical Sciences
3. Syllabus of M.Sc. Chemical Sciences


The committee discussed and unanimously resolved:

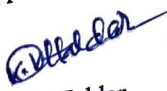
**Item No. 1:** The orientation programme to be held on 10/08/2015. The orientation program would include visit to the laboratories and essential facilities in the university for the students. The orientation program would be concluded with the declaration of the Time-Table as approved by the authorities.


**Item No. 2:** Time table of M.Sc. Chemical Sciences 1<sup>st</sup> semester was discussed in detail. Various courses and their mentors were decided. The time-table was agreed and would be put forward for the approval of the authorities.

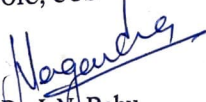
**Item No. 3:** Syllabus of M.Sc. in Chemical Sciences with various specialization was thoroughly discussed. It was observed that a revision in the syllabus and inclusion of ID courses is required as per the specialization of the newly joined faculty.

The Academic and Administrative council of the Centre for Chemical Sciences recommends and submits the same for further approval.

  
Dr. Rakesh Pathania  
OIC, CCS

  
Dr. K. K. Haldar  
Assist. Prof. (Convener)

  
Dr. R. S. Dhayal  
Assist. Prof. (Member)

  
Dr. J. N. Babu  
Assist. Prof. (Member)

# Centre for Chemical Sciences

**Subject: Proceeding of the Academic and Administrative Committee (AAC) - Centre for Chemical Sciences**

As per the notification (Ref. No. (Ref no. CUPB/CC/15/notification/14 dated 23-7-15), The following members of the Academic and Administrative Committee (AAC) of Centre for Chemical Sciences (CCS) met on 2<sup>nd</sup> September, 2015 at 3:30 P.M. in the Room No. PC-1 of Academic Block at Central University of Punjab, Bathinda and discussed about various Academic and Administrative issues related to the Centre.

1. Dr. Rakesh Kumar, (OIC)
2. Dr. Krishna Kanta Haldar (Convener)
3. Dr. Rajendra Singh Dhayal, Assistant Professor
4. Dr. J. Nagendra Babu, Assistant Professor


Following agenda was discussed in the meeting:

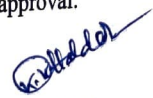
1. The requirement of interactive teaching aid.
2. Printer for the official working of the Centre
3. Chemicals and glassware for the practicals in session Aug-December, 2015.
4. Incorporation of weapons of mass destruction and its awareness in the syllabus.


The committee discussed and unanimously resolved:

- Item No. 1:** Committee recommends that atleast a projector with screen for interactive learning and networking of the classroom will be issued with internet facility for one user.
- Item No. 2:** Printer was desired for routine official works of the Centre. As per the university guidelines, the OIC would issue a printer for such official works.
- Item No. 3:** Chemicals and glassware list were prepared for the practicals in the upcoming session Aug-Dec, 2015. The list would be put forward for requisite approval by the authorities for purchase.
- Item No. 4:** As per the UGC letter No. DO.No.F.14-18/2015 (CPP-II) regarding incorporation of weapons of mass destruction and its awareness, it was decided that the syllabus for the next academic year (2016-2017) would incorporate the same.

The Academic and Administrative council of the Centre for Chemical Sciences recommends and submits the same for further approval.

  
Dr. Rakesh Pathania  
OIC, CCS

  
Dr. K. K. Haldar  
Assist. Prof. (Convener)

  
Dr. R. S. Dhayal  
Assist. Prof. (Member)

  
Dr. J. N. Babu  
Assist. Prof. (Member)

CUPB/CCS/15-40

## Centre for Chemical Sciences

01/10/15

**Subject: Proceeding of the Academic and Administrative Committee (AAC) - Centre for Chemical Sciences**

As per the notification (Ref. No. (Ref no. CUPB/CC/15/notification/14 dated 23-7-15), The following members of the Academic and Administrative Committee (AAC) of Centre for Chemical Sciences (CCS) met on 7<sup>th</sup> October, 2015 at 3:30 P.M. in the Room No. PC-1 of Academic Block at Central University of Punjab, Bathinda and discussed about various Academic and Administrative issues related to the Centre for Chemical Sciences.

1. Dr. Rakesh Kumar, (OIC)
2. Dr. Krishna Kanta Haldar (Convener)
3. Dr. Rajendra Singh Dhayal, Assistant Professor
4. Dr. J. Nagendra Babu, Assistant Professor

Following agenda was discussed in the meeting:

1. Requirement of Books for the curriculum
2. Meeting for Board of Studies (BOS) and syllabus modification.
3. Proposals for Research Seed money.


The committee discussed and unanimously resolved:


**Item No. 1:** It was brought to the fore that there were shortages of books in library for the present curriculum and session. The list of relevant books, their recent edition and prices has been prepared. The committee members would revise and submit the same to the librarian for procurement of the same.


**Item No. 2:** Interim meeting of the syllabus committee is separately called and the course coordinators have been allotted their respective subjects for updation of the syllabus of MSc and PhD Programmes in Chemical Sciences.


**Item No. 3:** There has been an allocation for project proposals for the three faculties of the centre. The Seed Money proposals have been submitted by Dr. K. K. Haldar, Dr. Rajendra S. Dhayal and Dr. J. N. Babu.

The Academic and Administrative council of the Centre for Chemical Sciences recommends and submits the same for further approval.

  
Dr. Rakesh Pathania  
OIC, CCS

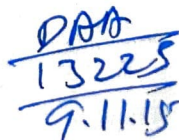
  
Dr. K. K. Haldar  
Assist. Prof. (Convener)

  
Dr. R. S. Dhayal  
Assist. Prof. (Member)

  
Dr. J. N. Babu  
Assist. Prof. (Member)

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## Centre for Chemical Sciences

**Subject: Proceeding of the Academic and Administrative Committee (AAC) - Centre for Chemical Sciences**

6/11/15

As per the notification (Ref. No. (Ref no. CUPB/CC/15/notification/14, dated 23-7-15), The following members of the Academic and Administrative Committee (AAC) of Centre for Chemical Sciences (CCS) met on 4<sup>th</sup> November, 2015 at 3:30 P.M. in the Room No. PC-1 of Academic Block at Central University of Punjab, Bathinda and discussed about various Academic and Administrative issues related to the Centre for Chemical Sciences.

1. Dr. Rakesh Kumar, (OIC)
2. Dr. Krishna Kanta Haldar (Convener)
3. Dr. Rajendra Singh Dhayal, Assistant Professor
4. Dr. J. Nagendra Babu, Assistant Professor

Following agenda were discussed in the meeting:

1. Review of the previous works.
2. Allocation of budget allotted for the Centre under various heads namely Consumable grants, Instrument grant, Minor equipment grant, etc.
3. Organizing guest lectures
4. Space requirement for development of instrumental and research laboratory facility for the upcoming sponsored projects.

The committee discussed and unanimously resolved:

**Item No. 1:** Review of the previous meeting: A list of Books (108 Nos.) worth Rs. 197084/- have been submitted to the library and the purchase is underway.

**Item No. 2:** (i) The grant of Rs. 2 lakh was allocated to the centre under the Consumable Head. It was decided that it would be utilized for establishing the basic needs of chemicals, glassware and plasticware for M.Sc. practicals.

Glassware/Plasticware: One Lakh

Chemicals/Solvents: One Lakh

Due to urgent requirement the purchase of few chemicals were undertaken under the Consumable budget head. However, there is a significant requirement of glassware for the practicals.

(ii) The grant of Rs. 6 lakh was allocated to the Centre under the **Research and Teaching Grant**. The grant of Rs.50,000/- would be utilized for the purchase of commonly used laboratory items for research. The remaining grant would be utilized equally of the individual faculties of the centre namely, Dr. Rakesh Kumar, Dr. K. K. Haldar, Dr. Rajendra S. Dhayal and Dr. J. N. Babu.

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K. K. Haldar

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## Centre for Chemical Sciences

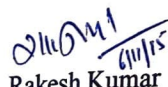
(iii) The **Equipment and Small Equipment Grant** amounting to Rs. 25 Lacs and Rs. 10 Lacs were allocated for the Centre. The list of the instruments and equipment's required in the near future for postgraduate practicals and research has been prepared and the necessary purchases would be expedited by Centres purchase committee with prior approval from the competent authority.


(iv) The committee recommends the procurement of cartridge (1 No.) for the printer issued to the centre for printing official documents. Also, the stationary requirement (within provided budget) of the Centre would be submitted to the Store and Purchase Officer (SPO).


**Item No. 3:** The committee recommends for the organization of Lectures from eminent scientist, professors and industrial professionals from various institutions of repute. The list of the speakers would be made and in consultation with authorities, the invited lectures would be organized.

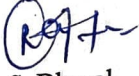
**Item No. 4:** There is a need of working/ Laboratory space keeping in the view of the expected purchases for instrument and equipment, besides execution of extramural funded projects by all the faculties (Two DST fast track grants, Three Research Seed Money Projects and One UGC start-up grant), the Centre would be short of space for these activities. Further, a run-up to the next session, new batch of students will join us for the session 2016-17 (August).

The Academic and Administrative council of the Centre for Chemical Sciences recommends and submits the same for further approval.

  
Dr. Rakesh Kumar  
OIC, CCS

  
Dr. J. N. Babu  
Assist. Prof. (Member)

  
Dr. K. K. Haldar  
Assist. Prof. (Convenor)

  
Dr. R. S. Dhayal  
Assist. Prof. (Member)

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**Centre for Chemical Sciences**  
**Proceeding of the Academic and Administrative Council of Centre for**  
**Chemical Sciences**

The meeting of Academic and Administrative Council (AAC) of Centre for Chemical Sciences (CCS) was held on 02<sup>nd</sup> December, 2015 at 12:00 PM in Room No. PC-1 of Academic Block at Central University of Punjab, City Campus, Mansa Road Bathinda. The following member were present:

1. Dr. Rakesh Kumar, (OIC)
2. Dr. Krishna Kanta Halder (Convener)
3. Dr. Rajendra Singh Dhayal, Assistant Professor
4. Dr. J. Nagendra Babu, Assistant Professor

Following agenda were discussed in the meeting:

1. Recommending the major equipments to be purchased in the present financial year.
2. Recommending the minor equipments to be purchased in the present financial year.
3. The purchase of printer cartridge for the Centre.

The committee discussed and unanimously resolved:

**Item No. 1:** The tentative list of instruments/equipments for purchase from **Equipment Budget Head**, quantity and budgetary cost are as given below

S.No	Instrument	Units	Approximate Cost (Rs.)
1.	Rotary evaporator	1	6,50,000
2.	Temperature Controller (Digital sensor J-Type)	1	1,50,000
3.	Fluorescence Spectrometer with Phosphorescence	1	12,00,000
4.	Analytical Balance (0.01 mg)	1	2,00,000
5.	Weighing Balance (0.1 mg)	1	1,00,000
6.	Incubator Shaker	1	2,00,000
	<b>Total (in Rs.)</b>		<b>25,00,000/-</b>

**Item No. 2:** The tentative list of instruments/equipments for purchase from **Small Equipment Budget Head**, quantity and budgetary cost are as given below

S.No	Instrument	Units Required	Approximate Cost (Rs.)
1.	pH meter	4	70,000
2.	Conductivity meter	4	40,000
3.	Potentiometer	1	35,000
4.	Heating mantle (50, 100, 250, 500, 1000, 2000 mL)	20	50,000
5.	Magnetic Stirrers	10	1,50,000
6.	Sodium Press	1	10,000
7.	Nitrogen cylinder (2 Nos) & Argon Cylinder (1 No.) with regulators (2 Nos) and trolley (1 No.)	1	65,000
8.	Sonicator Bath	1	15,000
9.	UV Cabinet (Dual wavelength)	1	15,000
10.	Guy's Magnetic balance	1	50,000
11.	Vacuum oven with two Pump	1	85,000
12.	Hot air Oven	1	40,000
13.	Melting Point Apparatus	2	10,000
14.	Liquid Nitrogen canister (5L & 30 L)	2+1	63,000

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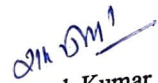
# Centre for Chemical Sciences

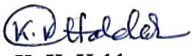
15	UV Torch		
16	Refrigerator	1	25,000
17	Temperature Controller	1	90,000
18	Micropipette	4	40,000
19	Gieger-Muller Counter	3	60,000
	<b>Total (in Rs.)</b>	<b>1</b>	<b>87,000</b>
			<b>10,00,000/-</b>

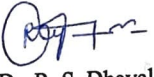
**Item No. 3:** In view of the Board of Studies meeting and routine printing of official documents in the Centre, there is a requirement of printer cartridge for the printer issued to the Centre (RICOH SP 310 SFN). The cost of the cartridge is approximately Rs. 8200/-. The same may be purchased from the **Office and General Expenses Budget head**.

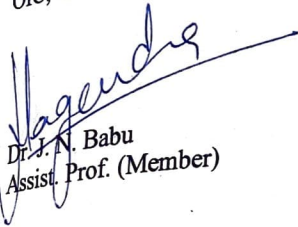
**Item No. 4:** The committee would meet and review the purchase process in the next meeting to be held on 09/12/2015 (Wednesday).

The Academic and Administrative council of the Centre for Chemical Sciences recommends and submits the same for further approval.

  
Dr. Rakesh Kumar  
OIC, CCS

  
Dr. K. K. Haldar  
Assist. Prof. (Convenor)

  
Dr. R. S. Dhayal  
Assist. Prof. (Member)

  
Dr. J. N. Babu  
Assist. Prof. (Member)

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5/12/2015