

# Minutes of 2<sup>nd</sup> Board of Studies of Centre for Applied Chemistry

Date of meeting: 16.01.2017

The 2<sup>nd</sup> Board of Studies (BoS) meeting of 1<sup>st</sup> Centre for Applied Chemistry (CAC) was held on 16.01.2017 in presence of Hon'ble Vice-Chancellor, CUJ. The Following Members were attended the meeting.

1. Prof. R.K.Dey, Head, CAC, Convenor and Ex-officio Chairman -- Handwritten signature
2. Dr. P.S.Sai Prasad, ICT, Hyderabad, External Member
3. Prof. Ashok K Mishra, IIT, Madras, External Member
4. Prof. Bhisma Patel, IIT, Guwahati, External Member
5. Prof. S.Medhekar, Head IAP, Member Handwritten signature
6. Dr. Manoj Kumar, Head, 'EVS, Member Handwritten signature
7. Dr. A. Bhattacharyya, CNT, Member Handwritten signature: A. Bhattacharyya
8. Dr. P.K Parida, CAM, Member Handwritten signature: P. K. Parida
9. Dr. Arun K Padhy, CAC, Member Handwritten signature: AKP
10. Dr. Biplab K Kuila, CAC, Member Handwritten signature: BK
11. Dr. Raj Bahadur Singh, CAC, Member Handwritten signature: RBS

Hon'ble Vice-Chancellor of the Central University of Jharkhand, Ranchi, Prof. N. K. Yadav "Indu", who is also Professor of Chemistry, has also attended the meeting.

In the beginning, Prof. R.K.Dey, Head, CAC, expressed his deep sense of happiness and gratitude for presence of Hon'ble Vice-Chancellor Prof. N. K. Yadav "Indu" in the meeting. With the permission of the Hon'ble Vice-Chancellor, Prof. R. K. Dey, Head, CAC has given the introduction of all members to the board. Prof. Dey expressed his great pleasure and welcomes all external members who have attended the meeting despite of various busy schedules. Prof. Dey also individually welcomes all other members from various centres of CUJ who has attended the meeting.

Prof. A.N. Mishra, Head, CLS - member and Dr. Soumen Dey, CAC - invited member could not attend the meeting due to some exigency for which they had also sent prior information to the Head, CAC. The same was informed to the Board.

Thus, with the permission from Hon'ble Vice Chancellor, the following presentation and discussions were made:

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- (1) Brief Introduction about Centre for Applied Chemistry, introduction about academic and research activities of the centre – The Head, CAC, brief the board about current 5 year programme run by the CAC. Further, various research activities taken up by the centre was elaborated by Dr. Biplab Kumar Kuila, Asst. Prof., CAC
- (2) Briefing about the University Ordinance – Head, CAC read out the university ordinance and the relevant clause regarding constitution, quorum and function of the BoS. Thus it is appraised that the present BoS fulfills the quorum requirement to conduct the meeting.

After the above briefing, the agenda items were taken up:

**Agenda item 1:**

Confirmation of minutes of 1<sup>st</sup> Board of Studies: The Head of the Centre apprised the Board regarding the minutes of the 1<sup>st</sup> BoS and regarding incorporation of minor revisions in the course content of organic and physical chemistry syllabus. Dr. A.K. Padhy, Associate Prof., CAC and Dr. R. B. Singh, Asst. Prof. CAC apprised the members that the suggestions made by the members have been duly incorporated in the syllabus.

**Resolutions:** Since no further comments were received, the minutes of 1<sup>st</sup> BoS was confirmed.

**Agenda item 2:**

5-year course structure of Applied Chemistry – discussion regarding course structure and revision incorporated in:

- (a) 1<sup>st</sup> yr. – theory and lab
- (b) 2<sup>nd</sup> yr. – theory and lab
- (c) 3<sup>rd</sup> yr. – theory and lab
- (d) 4<sup>th</sup> yr. – theory and lab
- (e) 5<sup>th</sup> yr. – theory and lab
- (f) Examiners list approval

Dr. R.B. Singh, Asst. Prof. CAC, presented the 5 year course structure currently run by CAC. There are 5 batches of students from different admission years i.e., 2016, 2015, 2014, 2013 and 2012 were currently pursuing the course.

**Resolutions:** The members pointed out some minor modification in course structure and course content including incorporation of lab experiments. The choice based credit course structure was also well accepted by the board member.

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### Agenda item 3

Proposed introduction of 2 year course structure in Chemistry from June, 2017 admission

- (a) Academic council recommendation
  - (b) Presentation and discussion on 2 year course structure
1. The Head of the Centre apprised the members regarding in principle acceptance of the introduction of the 2 year M.Sc. in Chemistry course from the ensuing academic year/session 2017-18. It is also apprised that the in principle recommendation/approval has been obtained from Academic Council to change the name of the Centre for Applied Chemistry to Department of Chemistry.
  2. Dr. A. K. Padhy, Associate Professor, CAC presented the proposed new 2-year M.Sc. syllabus

### **Resolutions**

It is unanimously resolved to implement the 2-year M.Sc. (Chemistry) course from ensuing semester 2017 -- 2018. It is also resolved to adopt the academic committee recommendation regarding change of name of the Centre of Applied Chemistry to Department of Applied Chemistry. However, some modification in the presented course structure and content is recommended by the learned members is presented as follows:

(i). Prof. Bhisma Patel suggested to do the refinement of the organic chemistry course, particularly in "Chemistry of Biomolecules". Also, he has suggested to check the editions, typographical errors if any and to add newly published books or revised editions.

(ii) Prof. Ashok Mishra has suggested a new course for the "Analytical chemistry" and hence to redesigned the "computational chemistry" course content. Further, he suggested renaming the organic spectroscopy as "Spectroscopic Techniques and Its Applications".

(iii) Prof. N.K.Yadav "Indu", Hon'ble Vice-Chancellor, suggested modification of course structure particularly in Physical Chemistry. He also pointed out introduction of some modification in proposed course structure and content related to basics of materials chemistry, solid state chemistry, adsorption, surfactant, quantum chemistry, and electrochemistry.

(iv) Dr.A.S.Bhattacharyya, Asst.Prof.CNT is agreed to extend his expertise in making the syllabi and content for the "Nano-materials", "Analytical Chemistry"

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and "Quantum Chemistry". Dr. Biplab K. Kuila shall make the necessary revision in the course content of "Quantum Chemistry" and "Electrochemistry".

(v) Dr. A.K. Padhy and Dr. R.B. Singh shall be making the necessary revision in "organic chemistry" course structure and content.

(vi) Dr. Manoj Kumar, Head, EVS, shall be extending his help to modify and incorporate necessary revision in the course structure and course content of "Environmental Chemistry" which shall be offered as interdisciplinary course as per Choice Based Credit System as per UGC guidelines.

It is resolved that all such modifications as suggested by members shall be incorporated and the final course structure shall be sent to the members by e mail for their observation and recommendation before starting/implementation of the course in ensuring semester.

#### Agenda item 4

##### 1. Ph.D. related matters –

(A): Ph.D. course work presentation and incorporation of minor revision, if any, Incorporation of new course structure

(B): Presentation and discussion on: progress report of individual students/coursework completion report/thesis submission report/list of examiners of all students submitted by supervisors/minor correction in title, if any/minor correction if any, doctoral committee members list submitted by supervisors.

(a) 2013 batch Ph.D. admitted students

(b) 2014 batch Ph.D. admitted students

(c) 2015 batch Ph.D. admitted students

(d) 2016 batch Ph.D. admitted students – information regarding course work allotment/allotment of supervisors/consideration of doctoral committee members.

#### **Resolutions:**

1. Ph.D. Course work presented by Dr. A.K. Padhy is agreed by all members and it is also suggested to incorporate new courses, relevant to advanced chemistry, as elective as per the availability of expertise in the field from the Centre.

2. The progress report of following students were discussed:

#### 2013 batch admitted students:

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Ms. Pallavi Kumari  
Ms. Simpi B. Patel  
Ms. Nadish Saba  
Ms. Prajna Mishra  
Mr. Samba Sivaiah

It is noted that all students have been completed their course work successfully. Further specific recommendations are as follows:

It is noted that Ms. Pallavi Kumari has already submitted her thesis. The report has also been received by the exam. Section and duly forwarded to the Head, CAC for conducting the viva-voce. The report has recommended the suitability of the work for the award of Ph.D. after following the due procedure of viva-voce examination. The board of studies member also duly recommend the same.

Ms. Simpi B. Patel – CRC/DRC progress report is satisfactory, hence recommended for renewal of university fellowship/fellowship from the project, as applicable, as per the application submitted by the student for further period of 1 year.

Ms. Nadish Saba – CRC/DRC progress report is satisfactory, hence recommended for renewal of university fellowship/fellowship from the project, as applicable, as per the application submitted by the student for further period of 1 year.

Ms. Prajna Mishra - CRC/DRC progress report is satisfactory, hence recommended for renewal of university fellowship/fellowship from the project, as applicable, as per the application submitted by the student for further period of 1 year. Further it is noted that a minor change in title of the Thesis is recommended by the CRC/DRC which is as follows.

Original proposed topic of research: **Synthesis and biomedical applications of some natural/synthetic polymeric materials**

Changes sought in Title in the Ph.D. thesis/Ph.D. research work: **Development of new PEGylated Polymers for Biomedical Applications**

The matter was discussed and the recommendation was accepted.

Some changes in doctoral committee/CRC/DRC of the candidate Ms. Prajna Mishra has been sought by the supervisor (prof. Dey) due to the superannuation/non-availability of few of its members. Thus the list of new members submitted by the supervisor has been accepted/approved.

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Mr.Samba Sivaiah - CRC/DRC progress report is satisfactory, hence recommended for renewal of university fellowship/fellowship from the project, as applicable, as per the application submitted by the student for further period of 1 year.

Following supervisor(s) of above Ph.D. students have submitted the names of external examiners of thesis proposed to be submitted during within a period of six months/1 year.

Dr.A.K.Padhy, Ph.D supervisor of Ms.Nadish Saba

Dr.Soumen Dey, Ph.D. supervisor of Mr.Samba Sivaiah

Dr.R.K.Dey, Ph.D. supervisor of Ms.Simpi B. Patel and Ms.Prajna Mishra

For all above cases, the list of Ph.D. external examiners has been accepted and recommended for approval by competent authorities before submission of the thesis by the student.

2014 batch Ph.D. admitted students:

It is noted that the course work of following scholars have been successfully completed.

Further recommendations are as follows:

Mr.M.Suresh - CRC/DRC progress report is satisfactory, hence recommended for renewal of university fellowship/fellowship from the project, as applicable, as per the application submitted by the student for further period of 1 year.

Mr.Benjamin Raj - CRC/DRC progress report is satisfactory, hence recommended for renewal of university fellowship/fellowship from the project, as applicable, as per the application submitted by the student for further period of 1 year.

Ms.Neha Singh - CRC/DRC progress report is satisfactory, hence recommended for renewal of university fellowship/fellowship from the project, as applicable, as per the application submitted by the student for further period of 1 year.

Following supervisor of above Ph.D. student Mr.Benzamine Raj have submitted the names of external examiners of thesis proposed to be submitted during within a period of six months/1 year.

Dr.A.K.Padhy, Ph.D supervisor of Mr.Benzamin Raj

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For above case, the list of Ph.D. external examiners has been accepted and recommended for approval by competent authorities before submission of the thesis by the student.

2015 batch Ph.D. admitted students:

Following list of 2015 batch of Ph.D students is noted for Centre for Applied Chemistry:

Ms. Rekha Kumari

Ms. Roshni Kumari

Ms. Kumkum Khawas

It is also noted that the new draft Ph.D. regulation (as recommended/accepted by the Academic Council) shall be applicable in all such cases.

It is noted that all above students have been successfully completed their course work (results have been published).

per the Ordinances on the Doctor of Philosophy Program (DRAFT) 2016 [Under Section (d) of Central Universities Act, 2009 read with Statutes 16(3)], following is the **DEPARTMENT/CENTRE RESEARCH COMMITTEE (DRC) AND ITS FUNCTIONS**. The Centre for Applied Chemistry has the following DRC members:

1. Head of the Centre – Chairman (ex-officio)
2. Dr. R.K. Dey, Prof., eligible supervisor
3. Dr. A.K. Padhy- Associate Prof., eligible supervisor
4. Dr. Soumen Dey – Asst. Prof., eligible supervisor
5. Dr. Biplab Kumar Kuila, Asst. Prof., eligible supervisor
6. Dr. Raj Choudhury Singh, Asst. Prof., eligible supervisor

\*Academic council resolute to consider only eligibility of supervisor only for regular faculty members appointed against the sanctioned post.

Hence, The RAC in following cases are as follows:

Ms. Roshni Kumari – Proposed supervisor is Dr. Soumen Dey, Asst. Prof., CAC. And the Research Advisory Committee (RAC) members shall be as follows:

Head – Chairman, ex-officio

Supervisor – Dr. Soumen Dey, Asst. Prof. CAC

Co-supervisor - nil

One eligible supervisor of the Centre – Dr. Biplab K. Kuila, Asst. Prof., CAC

One eligible supervisor from outside the Centre – Dr. Manoj Kumar, Associate Prof., CEVS

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The proposed DRC in following cases are as follows:

Ms Rekha Kuman - Proposed supervisor is Dr R B Singh, Asst Prof., CAC  
And the doctoral research committee (DRC) members shall be as follows

Head - Chairman ex-officio

Dr R K Dey Prof CAC

Dr AK Padhy- Associate Prof CAC

Dr Soumen Dey - Asst Prof CAC

Dr Biplob Kumar Kula Asst Prof CAC

Dr Raj Bahadur Singh Asst Prof eligible supervisor CAC

It is also noted that Dr Partho Ghosh, Asst Prof, UGC-FRP, who has joined in CAC has submitted his letter expressing his interest to guide the scholar Ms ~~Rekha~~ Rekha Kuman in relevant field of research. He has also completed more than 1 year in the Centre and has requisite academic credential including post-doctoral experience and publications to be eligible to guide Ph.D. students

The matter was placed before the Board of Studies for discussion

In particular case the Academic Council (AC) resolution is also noted which is as follows  
"The academic council resolute to consider only eligibility of supervisor only for regular faculty members appointed against the sanctioned post" (copy attached for reference)

Since AC has already given the resolution being the higher statutory body of the university, the recommendation of AC is gracefully accepted. However, after thread bare discussion in the Board of Studies of CAC following outcome was noted

1. The letter of appointment of UGC-FRP is placed for discussion. It is noted that FRP positions are regular faculty positions and the incumbents are entitled to mentor pre-doctoral students in their respective host institutions (UGC letter copy enclosed) F 4-2006/BSR dated 24 July 2014
2. The service rule of UGC-FRP is at par with permanent faculty members of host institutions (UGC letter copy enclosed) DO no F 4-5/2006/BSR dated 24 July 2015
3. The opportunity for Guidance and supervision of Ph.D. theses to the UGC-Faculty is clearly spelt out in the UGC letter DO no F 4-5/2006/BSR dated 24 July 2015

As such the definition of pre-doctoral fellow is also discussed. The elaborative definition of pre-doctoral fellows is as follows

In the physical sciences, a pre-doctoral fellow (pre-doc) refers to a researcher who has earned a degree but not a doctorate. In natural sciences, pre-doctoral fellows are most often Ph.D. candidates engaged in research that have not been defended in requirement to obtain their Ph.D. degree. Further, in natural sciences, a pre-doc refers usually to a student registered in a Ph.D. programme

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The external expert members, Prof A K Mishra, who himself is the Dean of Academics of IIT, Madras, strongly recommended giving the opportunity to the UGC-FRP for guidance to the Ph.D. students. He forwarded instances regarding the opportunities provided to such faculty members in IITs. Similarly, Prof B Patel, who himself is the Head of the Dept of Chemistry, IIT, Guwahati, strongly advocated to provide opportunities to UGC FRP to guide Ph.D. scholars.

The matter was intensely discussed in presence of Hon'ble Vice-Chancellor. Hon'ble Vice-Chancellor, in his capacity as the Chairman, Academic Council, is requested by all members to kindly review the matter in view of academic urgency.

Hon'ble Vice-Chancellor Prof N K Yadav "Indu" kindly agreed to review the matter once again in ensuing Academic Council meeting.

In view of the above facts, keeping in mind the resolution of the academic council, it is resolute to allocate provisionally UGC FRP as co-supervisor of the students and a regular faculty member be the supervisor of the student.

Accordingly, the following DRC and RAC is re-constituted for Ms Rekha Kumari.

DRC members of Ms Rekha Kumari

1. Head of the Centre – Chairman (ex officio)
2. Dr R K Dey, Prof., eligible supervisor
3. Dr A K Padhy, Associate Prof., eligible supervisor
4. Dr Sujmen Dey – Asst Prof., eligible supervisor
5. Dr Biplab Kumar Kula, Asst Prof., eligible supervisor
6. Dr Raj Bahadur Singh, Asst Prof., eligible supervisor
7. Dr Partho Ghosh, Asst Prof., UGC FRP, provisionally eligible supervisor

RAC members of Ms Rekha Kumari

Head – Chairman (ex officio)  
Supervisor – Dr R B Singh, Asst Prof. CAC  
Co-supervisor – Dr Partho Ghosh, Asst Prof., UGC-FRP, CAC (provisionally included)  
One eligible supervisor of the Centre – Dr A K Padhy, Associate Prof., CAC  
One eligible supervisor from outside the Centre – Dr Anil Kumar, Asst. Prof. CLS

The case of Ms Kumkum Khawas regarding her joining in CoE-GEET, the matter was placed before the board members for discussion. Dr Biplab K. Kula, Asst Prof CAC has represented/appraised the case himself before Hon'ble Vice-Chancellor who was also present in the meeting.

Since the matter is currently in the administrative process, as per the Hon'ble VC instruction, the matter shall be placed before Hon'ble VC for a decision. (File no. Head/CAC/PhD-2015/KK/21.10.16) whose decision in this matter shall be final and binding.

2016 batch Ph D admitted students –

Currently following students got admitted to Ph D. in 2016 for which the course work is in continuation.

- 1 Ms Jhili Rani Mohanta
- 2 Ms.Kausar Hayat Waris
- 3 Ms Soumili Daripa
- 4 Ms.Anusheya Kumari
- 5 Ms.Subhashree Mishra

The Ph.D. work shall be guided by new Ph.D. (draft) ordinance adopted by the Academic Council of the University. Hence, the information regarding course work members such as DRC and RAC

The DRC shall be as follows for all above scholars as per new PhD draft ordinance as state above.

1. Head of the Centre – Chairman (ex-officio)
2. Dr.R.K.Dey, Prof., eligible supervisor
3. Dr.AK.Padhy- Associate Prof., eligible supervisor
4. Dr.Soumen Dey – Asst.Prof., eligible supervisor
5. Dr.Biplab Kumar Kuila, Asst.Prof., eligible supervisor
6. Dr.Raj Bahadur Singh, Asst.Prof., eligible supervisor
7. Dr. Partho Ghosh, Asst.Prof UGC-FRP, eligible supervisor (provisionally included)

The constitution of RAC shall be as follows:

Sl.No	Name of the scholar(s)	Proposed Supervisor(s)	RAC
1	Ms. Jhili Rani Mohanta	Dr.Soumen Dey, Asst Prof., CAC	Head- chairman (ex-officio) Supervisor – Dr.Soumen Dey Co-supervisor – Nil One eligible supervisor of Centre – Dr.Biplab K. Kuila One eligible supervisor from outside the CAC – Dr.Manoj Kumar, CEVS
2	Ms. Kausar Hayat Waris	Dr Arun K. Padhy, Associate Prof., CAC	Head- chairman (ex-officio) Supervisor – Dr.A.K.Padhy Co-supervisor – Nil One eligible supervisor of Centre – Dr R.B.Singh, CAC One eligible supervisor from outside the CAC – Dr.Manoj Kumar, CEVS
3	Ms. Soumili Daripa	Dr. Biplab Kumar Kuila, Asst.Prof.,	Head- chairman (ex-officio) Supervisor – Dr.Biplab Kumar Kuila

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		CAC	Co-supervisor - Nil One eligible supervisor of Centre - Dr Raj Bahadur Singh CAC One eligible supervisor from outside the CAC - Dr Anant Bhattacharyee
4	Ms Anusheya Kumari	Dr R B Singh Asst Prof CAC	Head chairman (ex officio) Supervisor - Dr R B Singh CAC Co-supervisor - Dr Partho Ghosh UGC FRP (provisional) One eligible supervisor of Centre - Dr A K Padhy CAC One eligible supervisor from outside the CAC - Dr Anant Bhattacharyee CNT
5	Ms Subhasree Mishra	Dr R K Dey Prof CAC	Head chairman (ex officio) Supervisor - Dr R K Dey CAC Co-supervisor - nil One eligible supervisor of Centre - Dr A K Padhy CAC One eligible supervisor from outside the CAC - Dr G P Singh CNT

The above suggestion is accepted and hence the Head CAC is recommended to do the needful regarding further steps as per the procedure outlined in DRAFT Ph.D. Regulation.

### Agenda item 5

Proposal of introduction of new vocational course (1-yr post graduate diploma self-financing course in Polymer Technology) - presentation of course structure and justification.

The matter was put up before the Board of studies members to consider introduction of new vocational course (1 year post graduate diploma - in self-finance mode) in Polymer Technology. The course structure was also presented by Prof Dey, Biplab K. Kula and Dr A K Padhy outlining the details of the requirements. It is so arranged that such kind of self-financed course can be started without any infrastructure. The kind of course can be started without requirement of any additional infrastructure. The finance generated from the programme can also be used for establishment of advance instrument lab. For the Vocational Course, Dr P S SaiPrasad suggested to make a provision for industry experience and involve industry people to take up some of the courses in line with steps taken by Indian Institute of Petroleum (IIP) which will benefit the students further. Dr SaiPrasad has suggested to also put proposal for a course in renewable energy for which funding is available and also CAC has the necessary expertise in it.

Resolution


  
 The resolution is approved by the Board of Studies members.

Board of Studies appreciated the effort. Board of studies also asked to link it with industry for training/job-seeking purpose. However, it is recommended to start the course with further approval process from authorities and with the help of funding agencies.

Agenda item 6

Consideration of proposal of additional faculty members required by the Centre.

CAC has only 07 number of regular faculty member sanctioned by the University. Since it is propose to start M.Sc.(2 year master degree programme) in Chemistry, additional faculty requirement is submitted by the CAC which is as follows:

1. Associate Prof. – 01 and Asst.Prof. – 04

The number is required to impart the teaching effectively in addition to research. Further CAC is also involved in imparting teaching/lab work to other allied centres for which the additional faculty member requirement is quite justified.

Resolution:

Board of studies scrutinizes the proposal and agreed to it and advised to forward its recommendation to the authorities for kind consideration as per university procedure.

Additional agenda items:

1. List of examiners approval

The Board of studies noted that currently CUJ is adopting the procedure of conducting University examinations and hence evaluations of sessional and end sem exam. by inviting question papers from internal faculty members only. The evaluation procedure follows a transparent process of showing the checked answer scripts to students. Currently, external expert members/faculty members are only invited for conducting lab examination. Hence, it is recommended that in case CUJ opted to invite question papers and evaluation by external expert members/faculties, then it is recommended that universities, institutions of repute such as BIT, Mesra, NITs, IITs, CUs and other adjacent state universities like Ravenshaw University, Utkal Universities, Berhampur Universities, Ranchi Universities, NIFFT, Ranchi, M.Bhagalpur Universities, etc., where Chemistry/Applied Chemistry is being taught as a course at Master Degree level/Ph.D. level may be considered. As such it is felt that it is not necessary to specifically name any external faculty member(s) to invite question papers or evaluations and the Head of the Centre may take a judicious/learned decision in this regard.

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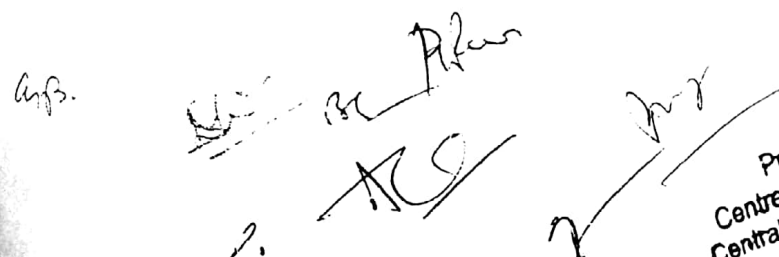
is submitted to the Board of Studies that 03 batches of students have been processed from the Centre for Applied Chemistry and many of them are currently working in various institution of reposes inside country and outside country. The Board of Studies took note of the passing out students and praised the dedicated efforts of the faculty members and staff members as a whole considering its newly established characteristics and its present limitations. It is also suggested to encourage students to seek more fellowships from various funding agencies.

Dr. P.S.SaiPrasad, Hon'ble external expert member, has suggested for possible collaboration/student exchange program with foreign universities in line with what some of the private institutes are doing and to explore the fund provisions given by some of the funding agencies such as DST for the same. The recommendation/suggestion is very much welcome by all members and Head of the Centre informed that the Centre shall take such initiative at the earliest.

Regarding the applied chemistry course that has been taught in Centre for Life Science in the 3<sup>rd</sup> semester is theoretically accepted but it has been also suggested to seek an extra faculty for the same to teach. It is resolute that the Head, CAC shall discuss the matter with appropriate authorities and shall initiate the process with due approval of competent authorities.

Similarly, for B.Sc. B.Ed. students with Major are Chemistry, it has been appraised to the Board that currently CAC is involved in teaching of B.Sc.B.Ed chemistry course in addition to its own teaching/research assignments. It is also appraised to Dean (education), Dr. Manoj Kumar (who himself is also present in the capacity of member of the Board of Studies). Further, it is noted that the credit requirement also exceeds the prescribed credit (compared to other similar kind of course at other universities, institutions) and, therefore, it is suggested to reduce the credit requirement and hence to keep it maximum to 8 credits in a semester with an emphasis of teaching up to +2 level. Hon'ble VC has also suggested that measures be taken in this regard at the earliest. It is resolute that Dr. Manoj Kumar, Dean, Education shall look into the matter in consultation with Head, CAC.

In the above discussion, the Head of the Centre expressed his deep sense of gratitude to all members for an academic vibrant discussion on various matters of the Centre. The presence of Hon'ble Vice-Chancellor in the meeting and his active participations as Professor in Chemistry in-deed deeply appreciated by all members. Since there was no other agenda, the meeting ended with Vote of Thanks by Dr. S. Bhattacharyya, CNT.

Ans. 

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