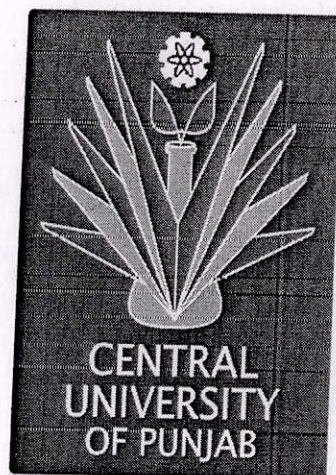


**Central University of Punjab
Bathinda**

MINUTES



**18th Meeting
of the
Academic Council**

8th June 2018



"Ashtaadashi"(18
Projects) for sustaining
the growth of Sanskrit for
the year 2016-17.

on the campus.

It was informed that the University has no Evening School running at present, a Standing Committee comprising the following was constituted to review the projects to be submitted to funding agencies:

1. Dean Academic Affairs
2. Registrar
3. Dean Student Welfare
4. Proposers
5. Assistant Registrar (Finance) –Convener

Further, a meeting of the Standing Committee for review of project proposals was held on 12th February 2018. The committee discussed the proposal of Evening School Project submitted by Dr. Zameerpall Kaur and Dr. Rajinder Kumar of Department of Language and Comparative Literature. The committee was of the opinion that starting of evening school is a policy decision and should have concurrence of Statutory Bodies before it is started. Hence committee recommended that the project may be put for consideration of Academic Council and Executive Council.

The Secretary also informed that the Executive Council considered the same in its 29th meeting held on 7th May 2018 vide Item.No:EC:29:2018:22 and resolved to approve starting of Evening School under project, subject to recommendations of the Academic Council, at no cost to the University except the logistic support.

RESOLVE:

The Academic Council, after deliberations, unanimously RESOLVED to ratify the decision of to the Executive Council to approve in principle the starting of Evening classes under the project as stated above.

The Academic Council FURTHER RESOLVED that the University may start the Evening classes only after detailed deliberations on syllabus and others details of the proposed project and the details be brought back to the Academic Council for consideration.

Item.No:AC:18:2018:9

**To consider the starting
of an elective course
related to "Swachcha**

The Secretary, AC informed that the UGC letter No. F.No.9-10/2018(CPP-II) dated 23rd March, 2018, has approved to provide two credits (like any other "Elective" course) under



Bharat Abhiyan" activities under CBCS from the forthcoming summer session.

Choice Based Credit System (CBCS) to students in higher Educational Institutions undertaking 15 days (100 hours) Summer Internship under Swachcha Bharat Abhiyan Activities.

The Academic and Advisory Committee comprising of all Deans and Associate Deans deliberated on the letter. Its recommendations are at **Annexure-18.6 {Pages 82 to 83}**.

It was informed that the Executive Council considered the same in its 29th meeting held on 7th May 2018 vide Item.No:EC:29:2018:22 and resolved to approve the starting of an elective courses related to Swachcha Bharat Abhiyan activities under CBCS from the current summer session, subject to recommendation of the Academic Council.

It is for information of AC that the University has started the elective courses related to Swachcha Bharat Abhiyan activities under CBCS from May-June 2018.

RESOLVE:

The Academic Council after deliberations, unanimously RESOLVED and to ratify the decision of the Executive Council the starting of an elective course related to Swachcha Bharat Abhiyan activities under CBCS, from the current summer session, as per letter dated 23rd March 2018 of UGC. (Annexure-18.6 {Pages 82 to 83}).

Item.No:AC:18:2018:10

To consider revised proforma for "application form" for promotion under CAS and Annual Self-Assessment for Performance Based Appraisal System. (PBAS).

The Secretary, AC informed that the Executive Council in its 20th meeting vide item.No.EC:20:20:2016:7 had approved to adopt the PBAS proformas as adopted by Panjab University Chandigarh and the same was implemented by the University.

However, UGC vide its 4th amendment in July 2016 has revised the requirements/categorization of API scores for the faculty for promotion under CAS.

The Secretary informed further that, the Executive Council in its 22nd meeting vide item.No.EC:22:2016:61 has resolved to adopt 4th amendments of UGC regulations.

It was also informed that the University has revised the following performas as per 4th amendment of the UGC Regulations, 2010 for adoption for its faculty:



1. Application form for promotion under CAS- Annexure-18.7 {Pages 84 to 93}.
2. Annual Self-Assessment for the Performance Based Appraisal System (PBAS). Annexure-18.8 {Pages 94 to 100}.

RESOLVE:

The Academic Council, after deliberations, unanimously **RESOLVED** to recommend to the Executive Council to adopt:-

1. Application form for promotion under CAS- Annexure-18.7 {Pages 84 to 93}.
2. Annual Self-Assessment for the Performance Based Appraisal System (PBAS). Annexure-18.8 {Pages 94 to 100}.

Item.No:AC:18:2018:11 to
Item.No:AC:18:2018:21

To consider the recommendations of the School Board of:

1. School of Basic and Applied Sciences
2. School of Education
3. School of Engineering and Technology
4. School of Environment and Earth Sciences
5. School of Global Relations
6. School of Health Sciences
7. School of Information & Communicative Sciences
8. School of Languages, Literature and Culture
9. School of Legal Studies and Governance
10. School of Social Sciences
11. School of Management

The Secretary, AC informed that the meetings of School Boards of all Schools were held in last week of May 2018. The School Boards considered the recommendations of the Board of Studies of the Departments under each School.

The recommendations of the School Boards were presented as placed at Annexure-18.9 {Pages 101 to 145}.

The Academic Council considered the recommendations of School Board of following schools:-

1. School of Basic and Applied Sciences
2. School of Education
3. School of Engineering and Technology
4. School of Environment and Earth Sciences
5. School of Global Relations
6. School of Health Sciences
7. School of Information & Communicative Sciences
8. School of Languages, Literature and Culture
9. School of Legal Studies and Governance
10. School of Social Sciences
11. School of Management

The Academic Council suggested that the recommendations and measures taken by IQAC to bring uniformity amongst Departments must be adhered to.



RESOLVE:

The Academic Council after deliberations, unanimously **RESOLVED** to recommend to the Executive Council, the recommendations of the School Board for above Schools, pertaining only to:

1. Courses offered by the Departments under each School.
2. Outline of tests, as per prescribed rules, of each courses.
3. Scheme of course, as per prescribed rules, for each courses.
4. Syllabus of each courses as amended by IQAC.

The Academic Council **FURTHER RESOLVED** to recommend only those aspects which are in conformity with the prescribed academic policies of the University.

The Academic Council still **FURTHER RESOLVED** that:-

- a) The 12 credit hours of Research Project in PG programmes are to be spread over 3rd and 4th semester, preferably with 6 credits in each semester. Only minor changes at the level of individual Departments may be allowed.
- b) The Course Codes should be uniform for same course. These are to be verified and finalized by the Controller of Examination, for each programme.
- c) The Departments should encourage Project Reports of limited scope in PG programme, keeping in mind the fund restraints and availability of chemicals and equipments.
- d) In addition to introducing basic research through a project review, last semester may be used to supplement the NET syllabus preparations mock tests/rehearsal tests etc.
- e) The Electives must be offered in every semester and in each semester there should be enough (at least 2) options for the students to choose from.

Item.No:AC:18:2018:22

To consider policy for the signing of MoU/MoAS by the University.

The Secretary, AC informed that the University receives several requests from the educational and other institutions for entering into MoUs for academic/research exchange and cooperation.

<p><u>Item:No:AC:17:2018:7</u></p> <p>To consider the Academic Calendar for the session 2018-19.</p>	<p>The Academic Council resolved to recommend to the Executive Council, the Academic Calendar for the Session 2018-19.</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:7 resolved to approve the Academic Calendar for the Session 2018-19, as recommended by the Academic Council.</p> <p>The Academic Calendar was ADOPTED.</p>
<p><u>Item:No:AC:17:2018:8</u></p> <p>To consider the Prospectus for admissions for the academic session 2018-19.</p>	<p>The Academic Council resolved to recommend to the Executive Council the Prospectus for the admission for the academic session 2018-19.</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:8 resolved to approve the Prospectus for the admissions for the Academic Session 2018-19, as recommended by the Academic Council.</p> <p>It was further resolved to include 2 seats in Ph.D. in Department of Mass Communication and Media Studies.</p> <p>The decision was NOTED.</p>
<p><u>Item:No:AC:17:2018:9</u></p> <p>To consider the UGC letter to include Courses on Disaster Management as compulsory subject in academic programmes.</p>	<p>The Academic Council considered the recommendations of the UGC regarding starting of courses on Disaster Management as compulsory subject in all academic programmes, and unanimously resolved to recommend to the Executive Council, that a 1-2 credit module be offered under ID courses/CBCS on Disaster Management w.e.f. next academic session. It was further resolved that the module be prepared by School of Environmental and Earth Sciences</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:9 resolved to approve the recommendations of Academic Council on the letter of UGC regarding starting of Courses on Disaster Management in all academic programmes, that:-</p> <ol style="list-style-type: none"> a) A 1 or 2 credit module be offered under ID courses/CBCS on Disaster Management, w.e.f. the next Academic Session. b) The module(s) be prepared by the School of Environmental and Earth Sciences. <p>The decision is UNDER IMPLEMENTATION.</p>
<p><u>Item:No:AC:17:2018:10</u></p> <p>To consider the recommendations of the</p>	<p>The Academic Council resolved to recommend to the Executive Council the</p>	<p>The Executive Council in its 28th meeting vide Item.No:</p>

<p>School Board of School of Basic and Applied Sciences.</p>	<p>recommendations of the School Board for School of Basic and Applied Sciences, pertaining only to:</p> <ol style="list-style-type: none"> 1. Courses offered by Department under the School 2. Outline of tests 3. Scheme of course 4. Syllabus <p>The Academic Council further resolved to recommend only those aspects which are in conformity with the prescribed academic policies of the University.</p>	<p>EC:28:2018:10 resolved to approve the recommendations of the School Board of School of Basic and Applied Sciences, as recommended by the Academic Council.</p> <p>The decision was NOTED.</p>
<p><u>Item:No:AC:17:2018:11</u></p> <p>To consider the recommendations of the School Board of School of Education.</p>	<p>The Academic Council resolved to recommend to the Executive Council, the recommendations of the School Board of School of Education, pertaining only to:</p> <ol style="list-style-type: none"> 1. Courses offered by Department of Education 2. Outline of tests 3. Scheme of course 4. Syllabus <p>The Academic Council further resolved to recommend only those aspects which are in conformity with the prescribed academic policies of the University.</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:11 resolved to approve the recommendations of the School Board of School of Education, as recommended by the Academic Council.</p> <p>The decision was NOTED.</p>
<p><u>Item:No:AC:17:2018:12</u></p> <p>To consider the recommendations of the School Board of School of Engineering and Technology.</p>	<p>The Academic Council resolved to recommend to the Executive Council the recommendations of the School Board, of School of Engineering and Technology, pertaining only to:</p> <ol style="list-style-type: none"> 1. Courses offered by Department of Computer Science and Technology 2. Outline of tests 3. Scheme of course 4. Syllabus <p>The Academic Council further resolved to recommend only those aspects which are in conformity with the prescribed academic policies of the University.</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:12 resolved to approve the recommendations of the School Board of School of Engineering and Technology, as recommended by the Academic Council.</p> <p>The decision was NOTED.</p>

<p><u>Item:No:AC:17:2018:13</u></p> <p>To consider the recommendations of the School Board of School of Environment and Earth Sciences.</p>	<p>The Academic Council resolved to recommend to the Executive Council the recommendations of the School Board, of School of Environment and Earth Sciences, pertaining only to:</p> <ol style="list-style-type: none"> 1. Courses offered by Department under the School 2. Outline of tests 3. Scheme of course 4. Syllabus <p>The Academic Council further resolved to recommend only those aspects which are in conformity with the prescribed academic policies of the University.</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:13 resolved to approve the recommendations of the School Board of School of Environment and Earth Sciences, as recommended by the Academic Council.</p> <p>The decision was NOTED.</p>
<p><u>Item:No:AC:17:2018:14</u></p> <p>To consider the recommendations of the School Board of School of Global Relations.</p>	<p>The Academic Council resolved to recommend to the Executive Council the recommendations of the School Board, of School of Global Relations, pertaining only to:</p> <ol style="list-style-type: none"> 1. Courses offered by Department of South and Central Asian Studies 2. Outline of tests 3. Scheme of course 4. Syllabus <p>The Academic Council further resolved to recommend only those aspects which are in conformity with the prescribed academic policies of the University.</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:14 resolved to approve the recommendations of the School Board of the School of Global Relations, as recommended by the Academic Council.</p> <p>The decision was NOTED.</p>
<p><u>Item:No:AC:17:2018:15</u></p> <p>To consider the recommendations of the School Board of School of Health Sciences.</p>	<p>The Academic Council resolved to recommend to the Executive Council the recommendations of the School Board, of School of Health Sciences, pertaining only to:</p> <ol style="list-style-type: none"> 1. Courses offered by Department of Human Genetics and Molecular Medicine 2. Outline of tests 3. Scheme of course 4. Syllabus <p>The Academic Council further resolved to recommend only those aspects which are</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:15 resolved to approve the recommendations of the School Board of School of Health Sciences, as recommended by the Academic Council.</p> <p>The decision was NOTED.</p>

	in conformity with the prescribed academic policies of the University.	
<u>Item:No:AC:17:2018:16</u> To consider the recommendations of the School Board of School of Information & Communicative Sciences	<p>The Academic Council resolved to recommend to the Executive Council the recommendations of the School Board, of School of Information & Communicative Sciences, pertaining only to:</p> <ol style="list-style-type: none"> 1. Courses offered by Department under the School 2. Outline of tests 3. Scheme of course 4. Syllabus <p>The Academic Council further resolved to approve the change of name of course from M.A. (Mass Communication and Journalism) to M.A. (Journalism and Mass Communication) as per model syllabus given by UGC.</p> <p>The Academic Council still further resolved to recommend only those aspects which are in conformity with the prescribed academic policies</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:16 resolved to approve the recommendations of the School Board of School of Information & Communicative Sciences, as recommended by the Academic Council.</p> <p>The Executive Council further resolved to approve the recommendations of Academic Council regarding change of name of M.A (Mass Communication & Journalism) to M.A (Journalism & Mass Communication) as per UGC model syllabus.</p> <p>The decision was NOTED.</p>
<u>Item:No:AC:17:2018:17</u> To consider the recommendations of the School Board of School of Languages, Literature and Culture.	<p>The Academic Council resolved to recommend to the Executive Council the recommendations of the School Board of School of Languages, Literature and Culture, pertaining only to:</p> <ol style="list-style-type: none"> 1. Courses offered by Department of Languages and Comparative Literature 2. Outline of tests 3. Scheme of course 4. Syllabus <p>The Academic Council further resolved to recommend only those aspects which are in conformity with the prescribed academic policies of the University.</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:17 resolved to approve the recommendations of the School Board of School of Languages, Literature and Culture, as recommended by the Academic Council.</p> <p>The decision was NOTED.</p>
<u>Item:No:AC:17:2018:18</u> To consider the recommendations of the School Board of School of Legal Studies and Governance.	<p>The Academic Council resolved to recommend to the Executive Council the recommendations of the School Board of School of Legal Studies and Governance, pertaining only to:</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:18 resolved to approve the recommendations of the School Board of School of</p>

	<ol style="list-style-type: none"> 1. Courses offered by Department of Law 2. Outline of tests 3. Scheme of course 4. Syllabus <p>The Academic Council further resolved to recommend only those aspects which are in conformity with the prescribed academic policies of the University.</p>	<p>Legal Studies and Governance, as recommended by the Academic Council.</p> <p>The decision was NOTED.</p>
<p><u>Item:No:AC:17:2018:19</u></p> <p>To consider the recommendations of the School Board of School of Social Sciences.</p>	<p>The Academic Council resolved to recommend to the Executive Council the recommendations of the School Board of School of Social Sciences, pertaining only to:</p> <ol style="list-style-type: none"> 1. Courses offered by Departments under the School 2. Outline of tests 3. Scheme of course 4. Syllabus <p>The Academic Council further resolved to recommend only those aspects which are in conformity with the prescribed academic policies of the University.</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:19 resolved to approve the recommendations of the School Board of School of Social Sciences, as recommended by the Academic Council.</p> <p>The decision was NOTED.</p>
<p><u>Item:No:AC:17:2018:20</u></p> <p>To consider the applicability of nomenclature of Centre or Department in DMC(s) and Degree(s) of the University.</p>	<p>The Academic Council considered the recommendations regarding applicability of nomenclature of Centre or Department in DMC(s) and Degree(s) of the University and resolved to recommend to the Executive Council that</p> <ol style="list-style-type: none"> (a) Nomenclature at the time of admissions on DMC(s) and Degree(s), be made applicable (b) Notification be issued regarding change of nomenclature. 	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:20 resolved to approve the following recommendations of the Academic Council regarding applicability of nomenclature of Centre or Department in DMC(s) and Degree(s) of the University:-</p> <ol style="list-style-type: none"> a. Nomenclature at the time of admissions be made applicable on DMC(s) and Degrees(s). b. Notification be issued regarding change of nomenclature. <p>The decision was IMPLEMENTED.</p>
<p><u>Item:No:AC:17:2018:21</u></p> <p>To consider the draft rules</p>	<p>The Academic Council resolved to recommend to the Executive Council the</p>	<p>The Executive Council in its 28th</p>

<p>for Preservation/ Destruction of old records. pertaining to Examination and Academic Sections.</p>	<p>draft rules for Preservation/Destruction of old records pertaining to Academics, Registration, Ph.D., Projects, UMC and Examination</p>	<p>meeting vide Item.No: EC:28:2018:21 resolved to approve the rules Preservation /Destruction of old records pertaining to Academics Section, Registration Section, Ph.D. Section, Projects Section, UMC Section and Examinations Section, in principle, subject to inclusion of above suggestions and recommendations of the sub- committee.</p> <p>Sub-Committee has been constituted</p>
<p><u>Item:No:AC:17:2018:22</u></p> <p>To consider the issues raised by Ph.D. Scholars of the Department of Animal Sciences and Department of Plant Sciences for submission of Ph.D. thesis in Centre for Biosciences.</p>	<p>The Academic Council considered the issues raised by Ph.D. Scholars of the Department of Animal Sciences and Department of Plant Sciences for submission of Ph.D. thesis in Centre for Biosciences, and resolved to recommend to the Executive Council that:-</p> <p>(a) Thesis be allowed to be submitted in the Centre/Department as offered at the time of admission.</p> <p>(b) A suitable certificate be issued to all such old students regarding change of nomenclature of Centre/ Department - Biosciences/ Plant Sciences/ Animal Sciences, as the case may be.</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:22 resolved to approve the following recommendations of the Academic Council on the issues raised by Ph.D. scholars:</p> <p>a. Thesis be allowed to be submitted in the Centre/Department as offered at the time of admission.</p> <p>b. A suitable certificate be issued to all such old students regarding change of nomenclature of Centre/ Department - Biosciences/ Plant Sciences/ Animal Sciences, as the case may be.</p> <p>The decision was IMPLEMENTED.</p>
<p><u>Item:No:AC:17:2018:23</u></p> <p>To consider the change of nomenclature of M.Phil.- Ph.D. Integrated Programme in Comparative Literature.</p>	<p>The Academic Council resolved to recommend to the Executive Council that nomenclature of Programme, at the time of admission be made applicable.</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:23 resolved to approve the recommendations of the Academic Council that nomenclature of Programme, at the time of admission be made applicable.</p> <p>The decision was NOTED.</p>

<p><u>Item:No:AC:17:2018:24</u></p> <p>To consider the Equivalence of Comparative Literature degree with English/Hindi/Punjabi.</p>	<p>The Academic Council resolved to recommend to the Executive Council that a suitable certificate be issued to students whose 60% or more subject matter is in a particular Language (English/Hindi/Punjabi).</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:24 resolved to approve the recommendations of the Academic Council that a suitable equivalence certificate be issued to the concerned student indicating the subjects she/he has studied.</p> <p>The decision was NOTED.</p>
<p><u>Item:No:AC:17:2018:25</u></p> <p>To consider the recommendations of the School Board of School of Management.</p>	<p>The Academic Council resolved to recommend to the Executive Council the recommendations of the School Board of School of Management, pertaining only to:</p> <ol style="list-style-type: none"> 1. Courses offered by Department of Financial Administration 2. Outline of tests 3. Scheme of course 4. Syllabus <p>The Academic Council further resolved to recommend only those aspects which are in conformity with the prescribed academic policies of the University.</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:25 resolved to approve the recommendations of the School Board, School of Management, as recommended by the Academic Council.</p> <p>The decision was NOTED.</p>
<p><u>Item:No:AC:17:2018:26</u></p> <p>To consider amendment in Rule 5.2 of the University rules for Ph.D. programme applicable w.e.t. Session 2017-18.</p>	<p>The Academic Council resolved to recommend to the Executive Council the amendment in Rule 5.2 and 5.9 of the University rules for Ph.D. programme applicable w.e.f. Session 2017-18, as proposed.</p>	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:26 resolved to approve the amendment in Rule 5.2 and 5.9 of the University rules for Ph.D. programme applicable w.e.f. Session 2017-18, as recommended by the Academic Council.</p> <p>The decision was IMPLEMENTED.</p>
<p><u>Item:No:AC:17:2018:27</u></p> <p>To consider the establishment of Department of Curriculum Research, Policy and</p>	<p>The Academic Council resolved to recommend to the Executive Council:</p> <ol style="list-style-type: none"> 1. To establish Department of Curriculum Research, Policy and 	<p>The Executive Council in its 28th meeting vide Item.No: EC:28:2018:27 resolved to approve the recommendations of the Academic Council to approve:</p>

Department of Animal Sciences

Date: 30-05-2018

Subject: Tabular presentation of proposed changes to the program M.Sc. Life Sciences with specialization in Animal Sciences for the academic session 2018-19 - after the curriculum audit held on 25/05/2018.

As per the directions received from the director, IQAC (29-05-2018), after the curriculum audit held on 25th May 2018, a local meeting of the CDDC/AAC/internal BoS members was held on 30.5.2018 at 11.15 am. The listed below are the changes which are proposed to the existing (2018-19 approved via 4th BoS) curriculum in order to align with IQAC (Curriculum Development) guidelines towards uniformity of the Masters' program curriculum at CUPB from the next academic session (2018-19).

M.Sc. program	Existing curriculum - via 4 th BoS (2018-19)	Changes made - via 5 th BoS to the curriculum for 2018 -19 session after curriculum audit	Remarks / Justification
Semester: I - IV	Course codes (LAS.XXX) and categorization	As per the IQAC- (Curriculum Development) guidelines	To align all the structure of the courses with IQAC (Curriculum Development) guide lines at CUPB
	LAS. 512 Essentials of Genetics 3 credits (Semester I)	LAS. 527 Essentials of Genetics 3 credits (Semester II)	In view to provide settling time and facilitate smooth transition for the newly admitted M.Sc. students, reduced a core course of 3 no. of credits (moved to the 4 th semester)
	LAS.527: Animal Behaviour 2 credits Semester II	LAS.574: Animal Behaviour 3 credits Semester IV	In view of its relevance to the programme and as per the interest of the students.

Sinha
M. Anilkumar 30/5/18
Navrattan Kaur
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Asci 30/5/18
Nishi
Sharma 30/5/2018
Best practices as suggested by MAC not followed
R.K. Chaturvedi

LAS.524: Nutrition and Metabolism 3 credits Semester II	LAS.573: Metabolism 2 credits Semester IV	In view of its relevance to the programme and as per the interest of the students to balance the credit load.
LAS.572: Endocrinology (Elective) course 2 credits Semester IV	LAS.572: Endocrinology (Core) course 2 credits Semester IV	In view of its relevance to the programme, as per the interest of the students, and to balance the credit load as per IQAC guidelines.
LAS.571: Genetic Engineering Elective course 2 credits Semester IV	LAS.529: Genetic Engineering Elective course 2 credits Semester II	Supplemented as a specialized course (Elective course) along with the 'Molecular Biology' in semester II as per the interest of the students.
Re. Compulsory Foundation / MOOCs	Introduced three courses: CST.501: Computer Applications for Sciences (3 credits) LAS.502: Research Methodology (2 credits) - which will be offered by the department LAS.503: Basic Statistics for Sciences (2 credits)	As per IQAC--(Curriculum Development) guidelines, these courses are added under the Compulsory Foundation Courses in semester I and III. Note: In case of technical difficulty to offer the compulsory foundation courses at the department/university level, the student may opt through MOOCs (online) from the SWAYAM portal.
Research Project (Part I) 4 Credits	Project (Part I) 6 Credits	As per the new IQAC--(Curriculum Development) guidelines and university policy to have only 12 credits (6+6) for M.Sc. project/dissertation.
Research Project (Part II) 18 Credits	Project (Part II) 6 Credits	

Smriti
 M. Anilkumar 30/5/18
 Anil 30/5/18
 Navratan Kaur P Sharma 30/5/2018
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 Aya 30/5/18
 Mushe
 S. Lehoz (30/5/18)
 R.K. Chastanya

-----	LAS.575 Discipline Enrichment Course (3 Credits) is implemented in Semester IV	In view of IQAC-(Curriculum Development) guidelines a new course is designed 'Career Prospects in Life Sciences' keeping in view of its importance for the students with four units.
-----	Value Based Elective Foundation Courses (1 Credit each) is implemented in Semester IV	In view of IQAC-(Curriculum Development) guidelines, these courses are added keeping in view creating more interest to the students and their inter-disciplinary learning skills of 1 credit each (two no. of courses to be opted by the student).
Semester - I (25 Credits)	Semester - I (24 Credits)	To have a balanced credit load admitted to the M.Sc. students.
Semester - II (24 Credits)	Semester - II (24 Credits)	
Semester - III (21 Credits)	Semester - III (24 Credits)	
Semester - IV (20 Credits)	Semester - IV (19 Credits)	
Total credits: 90 Credits	Total credits: 91 Credits	

CDDC/AAC/ Internal BoS: Members:

M. Anil Kumar
30/5/18

Jyoti
30/5/18

AJ-
30/5/18

Sudhis

[Signature]

P. Sharma
30/5/18

Nishi

Navroshan Kaur

Shahmoyshah2

R. Chatterjee

Department of Biochemistry and Microbial Sciences

Dated: 16-05-2018

Subject: Minutes of the Meeting of Board of Studies of Department of Biochemistry and Microbial Sciences for Academic Session 2018-2019

A meeting of Board of Studies of Department of Biochemistry and Microbial Sciences was held on 16 May, 2018 at 11:00 am in the committee room (Academic Block), CUPB.

The agenda of the meeting is as given below:

1. To review and approve the proposed changes, course structure and syllabus for M.Sc. Life Sciences with specialization in Biochemistry based on CBCS and IQAC recommendations for academic session 2018-19.
2. To review and approve the proposed changes, course structure and syllabus for M.Sc. Life Sciences with specialization in Microbial Sciences based on CBCS and IQAC recommendations for academic session 2018-19.

The agenda items which were placed before the BoS and following changes has been incorporated in various courses:

Item no. I. Changes common to both M.Sc. Life Sciences with specialization in Biochemistry and Specialisation Microbial Sciences for academic session 2018-19.

1. Addition of "Value based courses or MOOCs" courses of 1 credit in first semester and fourth semester as elective foundation courses.
2. In second semester another Compulsory Foundation course of 4 credits is added which the students will choose from "MOOCs".
3. For the preparation of national level competitive examinations, Discipline Enrichment Course-I and Discipline Enrichment Course-II of 2 credits each is offered in third and fourth semester respectively.
4. The research project will be of 4 and 8 credits each in third and fourth semester, respectively.
5. Discipline elective course of Cell Culture Techniques (LBC. 561/LMS. 561) is added in IIIrd semester. Another Discipline elective course of Clinical Diagnostics (LBC. 581/LMS. 581) is added in IVth semester.

Item no. II. Changes in M.Sc. Life Sciences with specialization in Biochemistry for academic session 2018-19.

1. Clinical Biochemistry (3 credits, LBC.552) and Nutritional Biochemistry (2 credits, LBC 572) has been merged as Clinical and Nutritional Biochemistry course of 3 credits in IIIrd semester.

Item no. III. Changes in M.Sc. Life Sciences with specialization in Microbial Sciences for academic session 2018-19.

1. Virology (3 credits, LMS.553) from IIIrd semester has been removed and its contents are added in Microbiology and Clinical Microbiology (4 credits, LMS.524). *Am*
2. In IIIrd semester for the students to relate the theoretical knowledge to practical aspects of the studied courses such as Industrial and Environmental Microbiology (LMS.551) & Food and Dairy Microbiology (LMS.552) an industrial visit/tour has been added under mode of classroom Transaction.

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Central University of Punjab, Bathinda ਪੰਜਾਬ ਕੇਂਦਰੀਯ ਵਿਸ਼ਵਵਿਦਯਾਲਯ, ਬਠਿੰਡਾ

Department of Mathematics and Statistics

Minutes

(Board of Studies)

A Meeting of the Board of Studies of Department of Mathematics and Statistics was held on May 18, 2018 (Friday) in Conference Room of Administrative Block at 2:00 pm.

Members of Board of Studies:

1.	Dr. Gauree Shankar (Chairman)	6.	Dr. Sachin Kumar
2.	Prof. I.B.S. Passi*	7.	Dr. Achchhe Lal Sharma
3.	Prof. Kanchan K. Jain	8.	Dr. J. Nagendra Babu
4.	Dr. Rajesh Kumar Gupta	9.	Dr. Anoop Kumar
5.	Dr. Amandeep Kaur	10.	Dr. Ashok Kumar Pathak

*Prof. I.B.S. Passi was not able to attend the meeting.

In BOS meeting, the following items on agenda were discussed:

1. To discuss and propose the course codes and minor corrections in the syllabi for M.Sc. (Mathematics), M.Sc. (Statistics), Ph.D. (Mathematics) and Ph.D. (Statistics) course work for 2018 batch for approval.
2. To discuss and propose the outline of syllabi and courses of reading for M.Sc. (Mathematics), and Ph.D. (Mathematics) course work for 2018 batch for approval.
3. To discuss and propose the outline of syllabi and courses of reading for M.Sc. (Statistics), and Ph.D. (Statistics) course work for 2018 batch for approval.
4. To discuss and propose the outline of syllabi and courses of reading for basic statistics courses for sciences/humanities and Ph. D. course work of other departments for admissions in 2018.

It was discussed and unanimously resolved

1. To change course codes and recommend corrections in the syllabi for M.Sc. (Mathematics), M.Sc. (Statistics), Ph.D. (Mathematics) and Ph.D. (Statistics) course work for 2018 batch.
2. To recommend outline of syllabi and courses of reading for the admission of batch 2018, for M.Sc. Mathematics and Ph.D. (Mathematics) Course work.
3. To recommend outline of syllabi and courses of reading for the admission of batch 2018, for M.Sc. (Statistics) and Ph.D. (Statistics) Course work .
4. To recommend outline of syllabi and courses of reading for Basic Statistics for sciences/humanities and Ph. D. course work of other departments for admissions in 2018.

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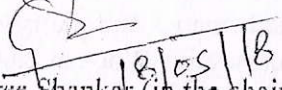


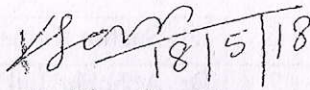
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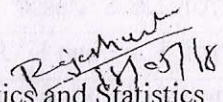
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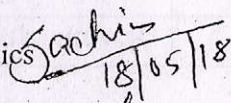
Department of Mathematics and Statistics

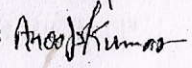
Members of Board of Studies:

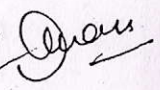

18/05/18
Dr. Gauree Shankar (in the chair)
CoC & Associate Professor, Department of Mathematics and Statistics

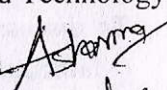
Prof. Kanchan K. Jain 
18/5/18
(External, Panjab University, Chandigarh)

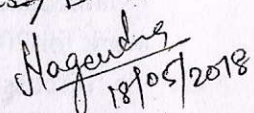
Dr. Rajesh Kumar Gupta, Associate Professor, Department of Mathematics and Statistics 
18/05/18

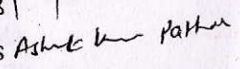
Dr. Sachin Kumar, Assistant Professor, Department of Mathematics and Statistics 
18/05/18

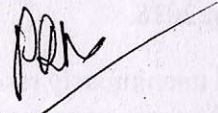
Dr. Anoop Kumar, Assistant Professor, Department of Mathematics and Statistics 

Dr. Amandeep Kaur, Associate Professor, Department of Computer Science and Technology 

Dr. Achhhe Lal Sharma, Assistant Professor, Department of Physical Sciences 

Dr. J Nagendra Babu, Assistant Professor, Department of Chemical Sciences 
18/05/2018

Dr. Ashok Kumar Pathak, Assistant Professor, Department of Mathematics and Statistics 



Department of Pharmaceutical Sciences & Natural Products

Date: 14/05/2018

Subject:-Minutes of the sixth meeting of Board of Studies, Department of Pharmaceutical Sciences and Natural Products

The sixth meeting of Board of Studies (BOS) with respect to the following agenda was held on May 14, 2018 in the Department of Pharmaceutical Sciences and Natural Products:

1. To revise the syllabi of M.Sc. course according to latest IQAC guidelines for the session 2018 – 2019.
2. To discuss about complete/partial adoption of Pharmacy Council of India (PCI) recommended curriculum, syllabi and examination pattern for M. Pharm. courses.
3. Any other, if required.

The following members were present in the BOS meeting:

1. Prof. Sanjay Jachak, Head, Department of Natural Product, National Institute of Pharmaceutical Sciences & Research
2. Prof. P. Ramarao, Dean Academic Affairs (Professor)
3. Dr. Raj Kumar, Associate Professor & Head, PSNP
4. Dr. Vinod Kumar, Assistant Professor, PSNP
5. Dr. Vikas Jaitak, Assistant Professor, PSNP
6. Er. Meenakshi Mittal, Assistant Professor, Department of Computer Sciences & Technology
7. Dr. Sandeep Singh, Assistant Professor, Department of Human Genetics and Molecular Medicine
8. Dr. Rakesh Kumar, Assistant Professor, Department of Chemical Sciences
9. Mr. Gaurav Joshi, Co-opted Member of the Department-PSNP

The BoS discussed and unanimously resolved that all the syllabi have been finalized keeping in consideration of IQAC (Annexure 1) /PCI (Annexure II) guidelines related to CBCS and others. After thorough discussion, the BOS recommended as under:

Agenda Item No.1: To revise the syllabi of M.Sc. course according to latest IQAC guidelines for the session 2018 – 2019.

- **Resolution:**
- The courses in the syllabus are re-classified as per the instructions of IQAC, CUPB.
- Course codes have been kept as it is as per university Examination guidelines.
- Advanced Spectral Analysis (CMC.526), has been added in Semester II.
- The course (CMC.505) (Semester 1) has been revised to include spectrofluorimetry, flame emission spectroscopy, atomic absorption spectroscopy, electrophoresis, X-ray crystallography, Immunological assays, potentiometric and thermal techniques.
- Research Methodology (CMC.502) has been added in semester III.

P. Ramarao
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Department of Pharmaceutical Sciences & Natural Products

- Skill based elective courses (14 Cr.) were kept in Semester-II and Semester IV. These include: Credit Seminar-I (1 Cr.), Project Work (12 Cr.) and Credit Seminar-II (Presentation Skills; 1 Cr.).
- A 4 credit elective MOOC course has been added in Semester-IV.
- Elective Foundation/Value based courses (1 Cr. each) were introduced in Semester-II and Semester-III.
- Total credit for Project Work has now been reduced from 20 Cr. to 12 Cr. in Sem-IV.
- DEC-I and DEC-II courses (2 Cr. Each) are included in semester- III and IV. DE is to enrich student domain/knowledge which will help them in employment.
- The curriculum has been designed by keeping in view of the syllabi of Institutes/Universities of National and International repute and may be utilized for various competitive exams as well as it will enhance employability of the students in academia as well as industry.

Item No. 2: To discuss about complete/partial adoption of PCI recommended curriculum, syllabi and examination pattern for M.Pharm. courses.

- **Resolution:** IQAC of CUPB issued the guidelines (Annexure-I) for masters' programs and recommended that those courses which are being regulated by National Regulatory Bodies need to follow their guidelines and requirements w.r.t curriculum and credits. **M.Pharm. programs are being regulated at National level by Pharmacy Council of India (PCI). PCI has recommended prescribed curriculum, credits, course codes, syllabi and examination/evaluation pattern for M.Pharm. courses (Annexure II) vide Gazette of India No. 362, dated June 1, 2017. PCI through notification Ref no. 14-136/2016-PCI/13921-15179 (Annexure III) instructed all the universities and colleges to comply with the prescribed curriculum, credits, course codes, syllabi and examination/evaluation pattern for M.Pharm. courses failing which approval of the courses may be cancelled. Further, committee went through the syllabi of M. Pharm courses run by some institutions such as UIPS, Panjab University, Chandigarh, Delhi Pharmaceutical Sciences and Research University (DPSRU) Delhi, Guru Nanak Dev University (GNDU), Maharaja Ranjit Singh Punjab Technical University (MRSPTU) and found that these institutions were following the curriculum, credits, course codes, syllabi and examination/evaluation pattern for M.Pharm. courses 100% as prescribed by PCI. The committee was informed about the recent PCI inspection held for the approval of M.Pharm. courses in Medicinal Chemistry and Pharmacognosy and Phytochemistry. The PCI final decision on the approved intake is under process. Keeping in view of the above, committee recommends that curriculum, credits, course codes, syllabi and examination/evaluation pattern may be adopted as such prescribed by PCI for M.Pharm. courses (copy enclosed, Annexure IV) w.e.f batch 2018-19 onwards. However apart from PCI compliance, few additional courses pertaining to Pharma Industry perspectives may be introduced so as to**

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Department of Pharmaceutical Sciences & Natural Products

expose students to current trends in research and development of pharmaceuticals.

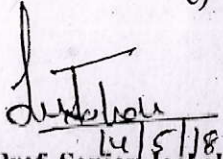
The suggested courses are as under:

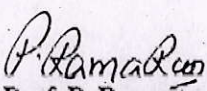
1. Pharmacological screening and Regulatory toxicology of 4 credits to be offered in Semester-III.
2. ID courses of 2 credits related to Environmental Sciences to be taken in semester -1, offered by EVST department.
3. Another ID course, 2-credits related to Safety (Chemical, Biological and Radiation) to be offered in Semester II and the course content may be adopted from NIPER, SAS Nagar.
4. In course, Modern Pharmaceutical Analytical Techniques, BOS recommends to include following topics:
 - i) Pharmaceutical Quality by design, qualitative and quantitative analysis of drugs and pharmaceuticals including impurity profiling in Active Pharmaceutical Ingredients (APIs) as per regulatory requirements, ICH guidelines for analysis of drugs and pharmaceuticals.

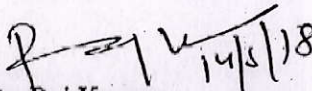
Item No. 3: Any other, if required.

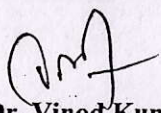
BOS recommends:

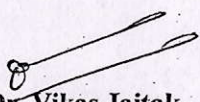
- a) To initiate MOU with Government aided research institutes and pharma industry.
- b) To formulate guidelines for industry sponsored projects to PhD. students and summer/winter training to M.Sc./M.Pharm students
- c) Visit to Pharma Industry/Public Research Institutes so as to get exposure to recent trends in Pharmaceuticals.

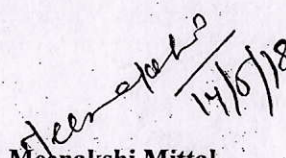

14/5/18
Prof. Sanjay Jachak,
Head, Department of Natural Product, National Institute of Pharmaceutical Sciences & Research

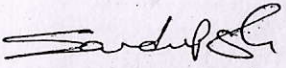

Prof. P. Ramarao, Dean Academic Affairs (Professor), CUPB

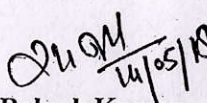

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Dr. Raj Kumar,
Associate Professor and Head PSNP, CUPB

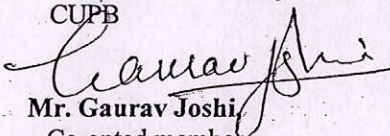

Dr. Vinod Kumar
Assistant Professor, CUPB


Dr. Vikas Jaitak,
Assistant Professor, CUPB


14/5/18
Er. Meenakshi Mittal,
Assistant Professor, Department of Computer Sciences & Technology, CUPB


Dr. Sandeep Singh,
Assistant Professor, HGMM, CUPB


14/05/18
Dr. Rakesh Kumar
Assistant Professor, Chemical Sciences, CUPB


Mr. Gaurav Joshi,
Co-opted member PSNP, CUPB



CENTRAL UNIVERSITY OF PUNJAB

(Established vid Act No. 25(2009) of Parliament)

Department of Physical Sciences

School of Basic and Applied Sciences

City Campus, Mansa Road,

Bathinda -151001, Punjab, INDIA

Fax: +91-164-2864106

AGENDA (Board of Studies)

Dated: 10.05.2018

A Meeting of the Board of Studies of Department of Physical Sciences is scheduled to be held on May 10, 2018. In BOS meeting, following agenda will be discussed.

1. To discuss and propose the outline of syllabi and courses of reading for M.Sc. Physics for admissions of 2018-19 batch as per new guidelines issued by university.
2. To discuss and propose any other item, that the members may feel relevant for the courses.

CC:

1. Prof. R. C. Verma (Panjab University, Chandigarh)
2. Prof. R. K. Moudgil (Kurukshetra University, Chandigarh)
3. Prof. R. K. Puri (Panjab University, Chandigarh)
4. Dr. Ashok Kumar (Assistant Professor)
5. Dr. Prakash Parida (Assistant Professor)
6. Dr. A. L. Sharma (Assistant Professor)
7. Dr. Kamlesh Yadav (Assistant Professor)
8. Dr. Sudip Chakraborty (Assistant Professor)
9. Dr. Jitendera Kumar Pattnaik (Assistant Professor)
10. Dr. Jajati Parida (Assistant Professor)

: External member

: External member

: External member

: Member

: Member

: Co-opted Member

: Co-opted Member

: Member

: Member

: Member

(Dr. S. K. Mahapatra)

Chairperson

Associate Professor & HoD



CENTRAL UNIVERSITY OF PUNJAB

(Established vid Act No. 25(2009) of Parliament)

Department of Physical Sciences
School of Basic and Applied Sciences
City Campus, Mansa Road,
Bathinda -151001, Punjab, INDIA
Fax: +91-164-2864106

Proceedings (Board of Studies)

Dated: 10.05.2018

A Meeting of the Board of Studies for Department of Physical Sciences was held on May 10, 2018 on 10:00 AM in the committee room of academic block, CUPB.

Members of Board of Studies:

1.	Dr. S. K. Mahapatra (Chairman)	7.	Dr. A. L. Sharma
2.	Prof. R. C. Verma*	8.	Dr. Kamlesh Yadav
3.	Prof. R. K. Moudgil**	9.	Dr. Sudip Chakraborty
4.	Prof. R. K. Puri	10.	Dr. Jitendra Kumar Pattnaik
5.	Dr. Ashok Kumar	11.	Dr. Jajati Parida
6.	Dr. Prakash Parida		

*Prof. R. C. Verma was not able to attend the meeting.

**Prof. R. K. Moudgil was also unable to attend the meeting, however, he has given his consent on email with minor addition in the proposed outline and syllabus by curriculum development committee (CDC).

In BOS meeting, the following items of agenda were discussed:

1. To discuss and propose the outline of syllabi and courses of reading for M.Sc. Physics for admissions of 2018-19 batch as per new guidelines.
2. To discuss and propose any other item, that the members may feel relevant for the courses.

Resolved

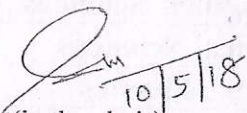
It was discussed and unanimously resolved to give approval, as per the curriculum development committee (CDC) recommendations, to the outline of syllabi and courses of reading for the admission in M Sc. Physics programme for 2018-19 batch.

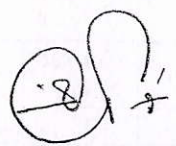
In addition to it, BOS members suggest that during the vacations, M.Sc students may be sent to other institutes to do experimental/theoretical work to gain wide exposure of the field. Furthermore, BOS members strongly recommend that Project/dissertation should be evaluated by giving marks which should be included in the CGPA of the student.

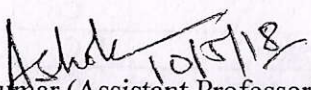
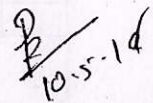
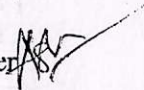
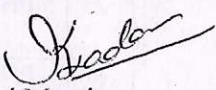
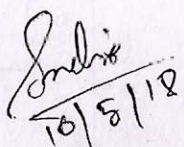
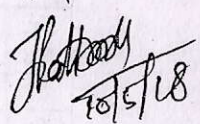

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Members Present:


 Dr. S. K. Mahaptra (in the chair)
 HoD & Associate Professor


 Prof. R. K. Puri
 (External, Panjab University, Chandigarh)

1. Dr. Ashok Kumar (Assistant Professor) : Member 
2. Dr. Prakash Parida (Assistant Professor) : Member 
3. Dr. A. L. Sharma (Assistant Professor) : Co-opted Member 
4. Dr. Kamlesh Yadav (Assistant Professor) : Co-opted Member 
5. Dr. Sudip Chakraborty (Assistant Professor) : Member 
6. Dr. Jitendera Kumar Pattnaik (Assistant Professor) : Member 
7. Dr. Jajati Parida (Assistant Professor) : Member 

Central University of Punjab, Bathinda

School: Basic and Applied Sciences							
Department: Physical Sciences							
Programme: M. Sc. Physics							
Batch: 2018-19							
Semester: I							
Sr. No	Course Code	Course Title	Course Type	Hours			Total Credits
				L	T	P	
1	PHY.506	Mathematical Physics	C	4			4
2	PHY.507	Classical Mechanics	C	4			4
3	PHY.508	Quantum Mechanics	C	4			4
4	PHY.509	Electronics	C	4			4
5	PHY.510	Electronics Laboratory	C			6	3
6	PHY.511	Modern Physics Laboratory	C			6	3
7	PHY.512	Physics in Everyday Life	IDC	2			2
				18		12	24
Semester: II							
Sr. No	Course Code	Course Title	Course Type	Hours			Total Credits
				L	T	P	
1	PHY.521	Numerical Methods and Laboratory	CF	2		4	4
2	PHY.522	Quantum, Atomic and Molecular Physics	C	4			4
3	PHY.523	Electromagnetic Theory	C	4			4
4	PHY.524	Solid State Physics	C	4			4
5	PHY.525	Solid State Physics Laboratory	C			8	4
6	PHY.526	Introduction to Nanotechnology	IDC	2			2
			Total	16		12	22
Semester: III							
Sr. No	Course Code	Course Title	Course Type	Hours			Total Credits
				L	T	P	
1	PHY.551	Statistical Mechanics	C	4			4
2	PHY.552	Nuclear and Particle Physics	C	4			4
3	PHY.553	Nuclear Physics Laboratory	C			8	4
4	PHY.554	Advanced Solid State Physics	DE	4			4
5	PHY.555	Nuclear Techniques-I	DE	4			4
6	PHY.556	Introduction to Computational Materials Physics	DE	2		4	4
7	PHY.557	Functional Materials and Devices	DE	4			4
8	PHY.597	Seminar-I	SE				1
9	PHY.599	Project-I	SE				6
10		Value added Course	VAC	1			1
			Total				24

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Central University of Punjab, Bathinda

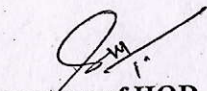
Semester: IV							
Sr. No	Course Code	Course Title	Course Type	Hours			Total Credits
				L	T	P	
1	PHY.571	Research Methodology	CF	4			4
2	PHY.572	Introduction to Mesoscopic Physics	DE	4			4
3	PHY.573	Nuclear Techniques-II	DE	4			4
4	PHY.574	Nanostructured Materials	DE	4			4
5	PHY.575	Materials Characterization	DE	4			4
6	PHY.576	The Enrich Physics Course-I	CF	2			2
7	PHY.577	The Enrich Physics Course-II	CF	2			2
8	PHY.597	Seminar-II	SE				1
9	PHY.599	Project Work-II	SE				6
10		Value Added Course	VAC	1			1
			Total				20

CF: Compulsory Foundation, **C:** Core, **DE:** Discipline Elective, **IDC:** Inter-Disciplinary Elective, **SE:** Skill-based Elective, **VAC:** Value Added Courses

L: Lecture, **T:** Tutorial, **P:** Practical

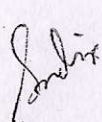
Weightage (%):

1. **Surprise Test (s):** There is no limit for the surprise test and average of best two will be considered. Surprise tests are based on multiple choice questions and total weightage of surprise tests is 10%.
2. **Term Paper(s):** Each student will be given different topics. All details regarding term paper will be communicated to students at the start of teaching. Total weightage of term paper is 10%.
3. **Assignment(s):** All details regarding assignments will be communicated to students by the course coordinators. Total weightage of assignments is 5%.
4. **Mid Semester Tests (MSTs):** This continuous assessment is based on two pre-announced Tests. These tests are of subjective type and contain 02 long answer type questions of 5 marks each and 05 medium answer type questions of 3 marks each. Each MST carries 25% weightage and total weightage of MSTs is 50%.
5. **End Semester Examination:** End semester examination is conducted through online mode in university computer center. End semester examination is based on MCQs/fill-ups. Weightage of end semester examination is 25%.
6. **Practical Course/Seminars:** Based on Practical work performance/Written Test/Presentation/Viva-vice is 100%.
7. **Project Work:** Project report will be evaluated on 5-point scale: Excellent, Very Good, Good, Average and Un-satisfactory.


Signature of HOD

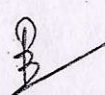
Dean of School

Dean Academic Affairs





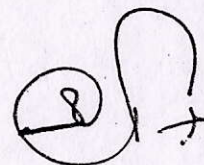












Central University of Punjab

142

Centre for Plant Sciences

Ref. No. *CU/P/CC/PLS/15/244*

21.05.2018

Subject: Minutes of the Meeting of Board of Studies, Department of Plant Sciences
Board of Studies (BOS) meeting of department of Plant Sciences was conducted on 21st May, 2018 at 11.00 AM in the university.

Following members participated in the BOS meeting.

1. Prof. Daisy Rani Batish, Department of Botany, Panjab University, Chandigarh.
2. Prof. Anjana Munshi, Head, Department of Human Genetics and Molecular Medicines
3. Dr. Sanjeev Thakur, Associate Professor & Head, Department of Plant Sciences, Chairman.
4. Dr. Anil Mantha, Associate Professor, Head, Department of Animal Sciences, Member.
5. Dr. Yogalakshmi K.N. Assistant Professor, Department of Environment Science and Technology. Member
6. Dr. Felix Bast, Assistant Professor, Department of Plant Sciences. Member
7. Dr. Pankaj Bhardwaj, Assistant Professor, Department of Plant Sciences, Member.
8. Dr. Vinay Kumar, Assistant Professor, Department of Plant Sciences, Co-opted Member.
9. Dr. Krishna Kumar Chaudhary, Assistant Professor, Department of Plant Sciences, Co-opted Member
10. Mr. Ajay Prakash Uniyal, Student Member, M.Sc. II Year
11. Ms. Vandana, Student Member, M.Sc. II Year

Prof. Rajiv Angrish and Prof. N.K. Atri showed their inability to attend the meeting and approved the amendments via email. The BOS members discussed the agenda and recommended for approval. The agenda for BOS and subsequent resolutions of the meeting are given below:

Item 1: Course curriculum development as per University IQAC guidelines

Addition of online MOOC courses (4 credits)

Addition of Discipline Enrichment Course (DEC) Life Sciences, A revision (Credit: 4)

Addition of Value added course (List Enclosed) Credits: 1 Cr x 2

Resolution: Members agreed and recommended for approval unanimously.

Item 2: M.Sc. Research Project credits to be reduced to 12

Resolution: Members unanimously resolved that Department may continue the M.Sc. Research Project with an aim to provide research skills to the students.

Item 3: Shifting of Techniques in Life Sciences from Semester II to Semester III with new course code LPS.557

Resolution: Members recommended for approval unanimously

Daisy

Anjana

Sanjeev
21/05/2018

Anil

M. Anil Kumar
21/5/2018

Dish

Lisha
21/5/18

Pankaj Bhardwaj
21/5/18

Ajay
127

Yogalakshmi
21/5/2018

Central University of Punjab

Centre for Plant Sciences

Item 4: Shifting of Evolutionary Biology from Semester III to Semester IV with new course code LPS. 572

Resolution: Members recommended for approval unanimously.

Discipline Enrichment Course is developed into four credits. This would include topic presentations by the students and evaluation based on the discussed matter.

Two more foundation courses (Computer Applications and Bioinformatics) are proposed as stand by courses in case of unavailability of suitable MOOC courses from Swayam portal.

Prof. Daisy R. Batish
Department of Botany, Panjab University, Chandigarh

Prof. Anjana Munshi, Head
Department of Human Genetics and Molecular Medicine

Dr. Sanjeev Thakur,
Associate Professor & Head
Chairman (Ex-officio)

Dr. Anil Mantha, 21/5/18
Associate Professor & Head
Department of Animal Sciences

Dr. Yogalakshmi K.N.
Assistant Professor,
Department of Environment
Science and Technology

Dr. Felix Bast
Assistant Professor
Department of Plant Sciences

Dr. Pankaj Bhardwaj, 21/5/2018
Assistant Professor,
Department of Plant Sciences,

Dr. Vinay Kumar,
Assistant Professor,
Department of Plant Sciences,
Co-Opted member

Dr. Krishna Kumar Choudhary
Assistant Professor,
Department of Plant Sciences,
Co-Opted member

Ajay Prakash Uniyal
M.Sc. Student

Vandana,
M.Sc. Student

Forwarded through DAA

DAA-1262
29/5/18

Central University of Punjab, Bathinda
 Department of Education
 Minutes of the Meeting of School Board

ANNEXURE 18

The meeting of the School Board was held on 30/05/2018 to discuss the curriculum of Ph.D.-with International Mentorship, M.Ed. and M.A. (Education) with International Mentorship programs of the Department of Education. The meeting was attended by the following members:

1. Prof. P.Ramarao, Dean Academic Affairs, Chairperson
2. Prof. S. K. Bawa, Professor
3. Prof. G. Viswanathappa, Principal, RIE Ajmer (Online interaction)
4. Dr. Amandeep Kaur
5. Dr. Jubilee Padmanabhan

Invited Members

1. Dr. Shamshir Singh Dhillon, Assistant Professor
2. Dr. Sesadeba Pany, Assistant Professor
3. Dr. Biswajit Behera, Assistant Professor

The following changes were suggested in the curriculum of various programs:

1. Title of the course 'Philosophical and Social foundations of Education' was changed to 'Philosophical and Sociological foundations of Education'
2. In the learning outcomes of the course 'History and Political Economy of Education' the term 'V year plan' was replaced by 'Five Year Plan'
3. References were modified
4. Typological errors were corrected
5. Learning outcomes were reviewed and modified where ever necessary
6. The marks for course MED 522 (Practical) is changed to 50 marks
7. Title of the course (MAE 524) 'Communication Skills' is changed to 'Communication and Interactive Skills'
8. Title of the course (MAE 525) 'Service Learning' is changed to 'Community based Service Learning'
9. Title of the course (MAE 526) 'Research Proposal (Practical)' is changed to 'Proposal for Educational Research (Practical)'
10. Title of the course (MAE 572) 'Mental Health, Yoga and Physical Well-being (Practical)' is changed to 'Yoga for Physical Well-being'
11. The course code for Seminar (MAE597) is changed to MAE544.
12. Transaction mode was revised in the course of 'Educational Statistics' (MED 524)

P. Ramarao

Prof. P.Ramarao
 Dean Academic Affairs

S.K. Bawa

Prof. S.K. Bawa
 HOD, Education

email sent

Prof. Viswanathappa
 Principal, RIE, Ajmer

Amandeep Kaur
 31/5/18

Dr. Amandeep Kaur
 Associate Professor, Computer Science

Jubilee Padmanabhan
 30/5/18

Dr. Jubilee Padmanabhan
 Asst. Prof., Education

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कुलपति कार्यालय/VC
 क्र./Sr. 1107
 दिनांक/Dt. 1/6/18

DR(M)
 1/6/18

Submitted for AC & EC approval

DR(M)
 31/5/18

Put up for approval and AC agenda
P. Ramarao

DR(M)
 1/6/18

विश्व कार्यालय
 Office
 177
 4/6/18
 10: Hblevc

DEPARTMENT FOR COMPUTER SCIENCE & TECHNOLOGYMINUTES OF THE SCHOOL BOARDSchool of Engineering & Technology

The meeting of School Board of School of Engineering and Technology (Department for Computer Science & Technology) was held on 28-05-2018 at 10.30 PM in Research Lab, Hall No. 6 of Central University of Punjab. Following members were present in the meeting:

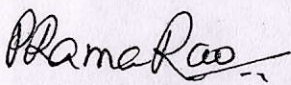
1. Prof. P. Ramarao, Dean
Professor, Dean Academics Affairs,
Chairperson
2. Dr. Amandeep Kaur, HOD,
Department for Computer Science & Technology, CUPB.
(Member)
3. Dr. Anil Kumar Verma
Professor, Department for Computer Science & Technology
Thapar University, Patiala.
(Member)
4. Er. Surinder Singh Khurana, Assistant Professor,
Department for Computer Science & Technology, CUPB.
(Member)
5. Dr. Tarun Aroraa,
Associate Professor, Centre for LAW, CUPB.
(Member)
6. Dr. A. K. Jain
Associate Professor,
Department for Environment Science and Technology, CUPB
(Special Invitee)
7. Er. Meenakshi, Assistant Professor,
Department for Computer Science & Technology, CUPB.
(Special Invitee)

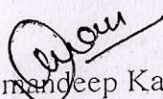
The minutes of the meeting are as follows:

1. The detailed syllabus of M.Tech in CST (2018-19 onwards) was approved with minor changes as mentioned below:
 - a. The value added course is retained only in first semester and removed from second semester

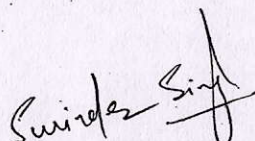
DEPARTMENT FOR COMPUTER SCIENCE & TECHNOLOGY

- b. The IOT course in skill development is shifted to elective three.
 - c. The third semester courses elective and open elective may be taken through MOOC
 - d. Industrial project will be evaluated based on
 - i) 40% evaluation through industry.
 - ii) 60% through the departmental committee.
2. The detailed syllabus of M.Tech in CST Cyber Security (2018-19 onwards) was approved with minor changes as mentioned below:
- a. The value added course is retained only in first semester and removed from second semester
 - b. The IOT course in skill development is shifted to elective three.
 - c. The third semester courses elective and open elective may be taken through MOOC
 - d. Industrial project will be evaluated based on
 - i) 40% evaluation through industry.
 - ii) 60% through the departmental committee.
3. The syllabus of Interdisciplinary courses offered by Computer Science and Technology are approved as such.
4. The on-going PhD coursework is approved without any change

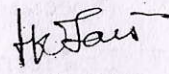

Prof. P. Ramarao, Dean
(Chairperson)

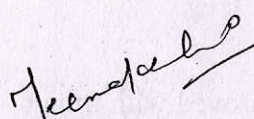

Dr. Armandeep Kaur
(Member)

Dr. Anil Kumar Verma
(Member)


Er. Surinder Singh Khurana
(Member)

Dr. Tarun Arora
(Member)


Dr. A. K. Jain
(Special Invitee)


Er. Meenakshi
(Special Invitee)

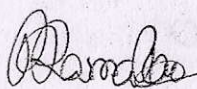
For AC meeting
2/6/18

131

DR(M)

कुलपति कार्यालय/VCO
क्र./Sr. 1111
दिनांक/Dt. 2/6/18

Put up for approval and it will be agenda for the
AC meeting


1/1/18

कुलसचिव कार्यालय
Registrar's Office
/ Sr. 1782
2/6/18

School of Environment and Earth Sciences Central University of Punjab, Bathinda

Sub: Minutes of the School Board meeting held on 31st May 2018

The meeting of the School Board of Environment and Earth Sciences was held on 31st May 2018 at 11:30 am. Prof. V. K. Garg, Dean of School chaired the meeting.

1. To discuss the syllabus and coursework of different courses under school (Environment Science and Technology, Geology and Geography)

Resolve: The committee recommended the revised course structure and syllabus of M.Sc. Environment Sc., M.Sc. Geology, M.Sc. Geography and M.A. Geography programs according to the CBCS guidelines of UGC and recommendation by curriculum audit committee for academic session 2018-2019 and onwards as recommended by Board of Studies.

2. To discuss about admission in Ph. D. of different courses under school (Env Sci, Geology and Geography)

Resolve: The committee recommends PhD - course structure and syllabus of Ph.D. Environmental Sciences, Ph.D. Geology and Ph.D. Geography programs for academic session 2018-2019 and onwards as recommended by Board of Studies.

3. Budget of the field/ industrial/study tour

Resolve: The matter was discussed in detail. All the committee members were of unanimous view that field visit, Industrial visit and study tour are important aspects of the curriculum in these subjects. Hence, the committee recommended the field/ industrial/study tour as per requirement of respective department and separate budget of Rs. 1.5 lakh for the purpose to each Programme as recommended by Board of Studies.

4. Changing the paper codes as per university guidelines.

Resolve: The committee recommends new course codes of M. Sc. Environment Sc., M.Sc. Geology, M.Sc. Geography and M.A. Geography programs as per the University guidelines for academic session 2018-2019 and onwards as recommended by Board of Studies.

5. Any other item with the permission of chair

Sharma
31/5/18
Prof. Parveen Sharma

N. Kochar
Prof. Naresh Kochar

Munshi
31/5/2018
Prof. Anajana Munshi

Sunil Mittal
Dr. Sunil Mittal

Yogalaxmi
31/5/2018
Dr. Yogalaxmi KN

Pattanaik
31/5/18
Dr. J. K. Pattanaik

V.K. Garg
31/5/18
Prof. V. K. Garg

Registrar's Office
/ Sr. 1378
दिनांक / Dt. 31/5/18

कुलपति कार्यालय/VCO
क्र./Sr. 1281
दिनांक/Dt. 1/6/18

Submitted for kind consideration further up, please

V.K. Garg
31/5/18

D.A.A.
1/6/18
R(M)
To: Hble VC

To: Hble VC 132
Put up for approval and next ac
meeting agenda
Prerna Das
31/5/18

Prerna Das
1375
31.5.18

ANNEXURE

CENTRAL UNIVERSITY OF PUNJAB
SCHOOL OF GLOBAL RELATIONS

Ref no: CUP/SGR/SCA/2018/09

Dated: 28/5/2018

CUPB/SCAS/SB-8

Subject: Minutes of the Meeting of School Board –Department of South and Central Asian Studies (Including Historical Studies) for Academic Session 2018-19

The School Board Meeting of Department of South and Central Asian Studies (Including Historical Studies) was held in AL Room 100 at 12: 00 hrs on 28/5/2018. The following members were present in the meeting:

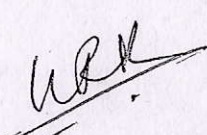
The following members were present in the meeting:

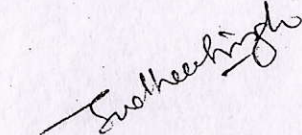
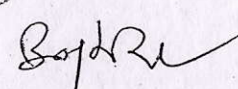
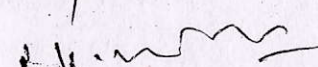
1. Prof. Ramakrishna Wusirika	Chairperson
2. Prof. Khalid Mohammad (External expert)	Member
3. Dr. Bawa Singh	Member
4. Dr. Sudheer Singh Verma	Member
5. Dr. Pabitra Kumar Mishra	Member
6. Dr. Kiran Singh	Member
67. Dr Vikas Rathee	Member

External Members communicated their suggestions/recommendations through email (enclosed).

- Prof Rajivlochan, Department of History, Panjab University Chandigarh
- Prof. Jagrup Singh Sekhon, Department of Political Science, GNDU, Amritsar

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(VIKAS RATHEE)


Sudheer Singh

Rajivlochan

Jagrup Singh Sekhon

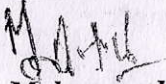
The meeting of School Board of the School of Global Relations was held on 28 May, 2018 at 12 noon in AL Room-100 in the Academic Block. The Chairperson of the School, Prof. Ramakrishna Wusirika welcomed all the members of the committee. The minutes of the BoS meeting of the Department of South and Central Asian Studies were presented to the members.

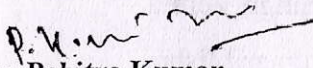
- **Agenda:** To review and recommend the minutes of Board of Studies of Department of South and Central Asian Studies held on 15/5/2018.
- **Resolution:** The members of School Board discussed the agenda items and suggested few changes in the syllabus which were incorporated (Annexure I and II). The committee unanimously resolved to adopt the changes and recommend the syllabus.

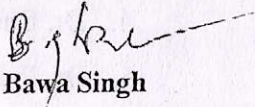
Suggestion/ Recommendations Suggested by the ^{member at the School Board} Meeting:

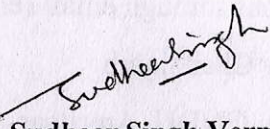
(suggestion/recommendations are attached as annexure)

The minutes of the meeting put to the School Board Members for their approval:

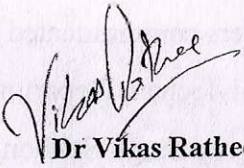

Prof. Mohammad Khalid
Department of Evening
Studies, Panjab University
Chandigarh

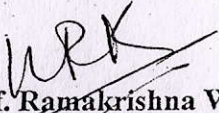

**Dr. Pabitra Kumar
Mishra**
Associate Professor &
Associate Dean, School of
Social Sciences


Dr. Bawa Singh
Assistant Professor &
Officiating HoD


Dr. Sudheer Singh Verma
Assistant Professor
Department of South and
Central Asian Studies

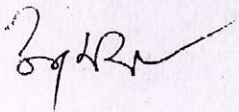
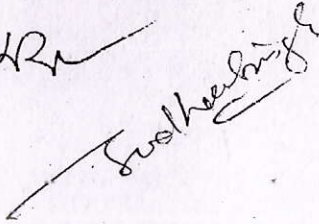
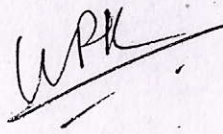
Dr. Kiran Singh
Assistant Professor,
Department of Geography
and Geology (on leave)


Dr. Vikas Rathee
Assistant Professor
Department of South
and Central Asian
Studies


Prof. Ramakrishna Wusirika
Chairperson and Dean
School of Global Relations

Suggestion/ Recommendations Suggested by the School Board Meeting

Paper	Name	Suggestion/ Recommendations (Deletion)	Suggestion/ Recommendations (Addition) Remark
DEC-1 (POL. 572)	Prof Mohammad Khalid	To remove political thinker Mao Zedong	Herbert Marcuse
Checking References	Prof Jagrup Singh	Checking of References	Its done



School of Health Sciences
Central University of Punjab

Established vide Act No. 25(2009) of Parliament

Ref. No. : CUPB/HGMM/18/858

May 24, 2018

ANNEXURE

The meeting of School Board for School of Health was held at NAAC cell office at 10.30AM onwards on May 24, 2018. Following members attended the meeting:

- Prof. Anjana Munshi (Dean School & Chairperson)
- Prof. AJS Bhanwer
- Prof. Ramakrishna Wusirika
- Dr. Harish Chander
- Prof. Vasudha Sambyal
- Dr. Sandeep Singh
- Dr. Sabyasachi Senapati

During the meeting following agenda was discussed and approved:

Agenda 1. To Approve the minutes of Board of Studies meeting for Department of Human Genetics and Molecular Medicine on May 9, 2018.

Resolution: The minutes of the board of studies meeting were discussed in detail and approved.

Agenda 2. To approve the changes incorporated in the syllabus of M.Sc. Human Genetics and M.Sc. Molecular Medicine after curriculum audit.

Resolution: Following minor changes were made in the syllabus of both the M.Sc. programs, after curriculum audit as per suggestions of IQAC:

- 1 credit hour is proportionate to 15 lectures/practical.
- ID courses (2 credit) are modified to distribute the course content into 4 units compared to earlier 2 units.
- Learning objectives have been modified as per the suggestion of IQAC.
- The total credits have been revised from 91 to 92 by addition of extra credit in Advanced Practical Course.
- Mode of transaction for each semester have been included.

Anmsh
Prof. Anjana Munshi (HoD & Chairperson)

AJS
Prof. AJS Bhanwer

WRK
Prof. Ramakrishna Wusirika

Harish
Dr. Harish Chander

(Co-opted)

Preeti
Dr. Preeti attended the meeting as a member

Vasudha Sambyal

Prof. Vasudha Sambyal

कुलपति कार्यालय/VCO
क्र./Sr...1080.....
दिनांक/Dt...11/6/18

Sandeep Singh
Dr. Sandeep Singh 24/5/18

Sabyasachi
Dr. Sabyasachi Senapati

कुलसचिव कार्यालय
Registrar's Office
क्र./Sr...1781.....
दिनांक/Dt...4/6/18

1080
1394
31.5.18

136

(Dr. Preeti Khetarpal)

DAA Put up for approval and for agenda for next ac meeting

11/6/18

Date: 31.05.2018

ANNEXURE

2nd Meeting of School Board

Subject: Proceedings of the 2nd meeting of School Board of School of Information and Communicative Sciences held on 31 May, 2018

2nd meeting of School Board of School of Information and Communicative Sciences was held on 31 May, 2018 at 9.30 am in the office of Chairperson of School Board.

The following agenda were discussed in the meetings:

1. To discuss the curriculum of MA (JMC)
2. Any other agenda with the permission of the chair.. .

Resolution:

The committee discussed above mentioned items on agenda and resolved the following:

M.A. (Journalism and Mass Communication)

1. The syllabus of the Course was discussed, modified as per guidelines of Curriculum Development Committee and was approved. The consent of outside experts is attached.

The meeting ended with thanks to the chair.

Prof. Vikram Kaushik
(was available on video call)

Prof Sanjay Wadwalkar
(was available on mobile call)

Mr Vikas Kahol
(was available on video call)

Mr P P S Gill
(was available on video call)

~~V.K.P. 31/5/18~~
Prof. V.K. Garg

*concerns
sub side experts
covered through email
availability file.*
Monish
31/5/18
Dr Monisha Dhiman

[Signature]
Dr Satwinder Singh

[Signature]
31/5/18
Dr Yogalakshmi K.N

[Signature]
Dr Paramveer Singh

[Signature]
Dr Rubal Kanozia

[Signature]
31/5/18
Dr Chhavi Garg

School of Languages, Literature and Culture

The meeting of the School Board of School of Languages, Literature and Culture was held on May 30, 2018 at 11.30 am in the Committee Room. Following members attended the meeting:

1. Prof. P. Ramarao, Dean Academic Affairs and Chairperson, School Board
2. Prof. S. P. Singh, Former Vice Chancellor and Professor of Punjabi, Guru Nanak Dev University Amritsar
3. Dr. Alpa Saini, HOD and Associate Professor, Department of Languages and Comparative Literature
4. Dr. Zameerpal Kaur, Associate Professor, Department of Languages and Comparative Literature
5. Dr. Rajinder Kumar, Assistant Professor, Department of Languages and Comparative Literature
6. Dr. Amandeep Singh, Assistant professor, Department of Languages and Comparative Literature
7. Dr. Ramanpreet Kaur, Assistant professor, Department of Languages and Comparative Literature
8. Dr. Dinesh Babu P., Assistant Professor, Department of Languages and Comparative Literature
9. Dr. Shahila Zafar, Assistant Professor, Department of Languages and Comparative Literature

Agenda of the meeting:

To discuss and approve the decisions taken by Board of Studies in its meeting held on 14/5/18 regarding Syllabi and Coursework of M.A. Punjabi, M.A. Hindi and M.A. English for the session 2018-19 and subsequent appraisal by IQAC.

The Board discussed the points of the agenda and agreed upon the following:

- The School Board discussed the decisions taken by Board of Studies in its meeting held on 14/5/18 regarding Syllabi and Coursework of M.A. Punjabi, M.A. Hindi and M.A. English for the session 2018-19 and subsequent appraisal by IQAC and approved the changes with some changes (revised course structures and syllabi attached as Annexure I- III)
- Evaluation Criteria of the university with respect to a particular course be mentioned within the syllabus
- Focus of the syllabus should be on imparting practical knowledge and experience to students
- It was also suggested by the expert that a writing centre be proposed in the university. The centre could help students of all disciplines in acquiring academic writing skills and may evaluate the language of all theses before submission.

The Board approved the above mentioned points to recommend to the approving bodies.

Prof. P. Ramarao

Prof. S.P. Singh

Dr. Alpa Saini

Dr. Zameerpal Kaur

Dr. Rajinder Kumar

Dr. Amandeep Singh

Dr. Ramanpreet Kaur

Dr. Dinesh Babu P.

Dr. Shahila Zafar

20/5/18
30/5/18

1/6/18
(m)

Registrar's Office
 # / Sr. 1780
 दिनांक / Dt. 1/6/18
 1479
 1.6.18

TO DAA for forwarding for approval in AC/EC
 HOD, DLCL. Put up for approval
 1/6/18

Minutes of the 5th Meeting of School Board School of Legal Studies and Governance

The meeting of School Board, School of Legal Studies and Governance was held on 30.5.2018 in the Conference Room of Administrative Block. Following members were present:

Prof. P.Ramarao
Prof. Mohammed Afzal Wani
Prof. Nishtha Jaswal
Prof. Ratan Singh
Prof. V.K. Garg
Dr. Amandeep Kaur
Dr. Deepak Kumar
Dr. Puneet Pathak
Dr. Tarun Arora

At the outset, Prof. P. Ramarao, Chairperson, School Board welcome all the members and presented following agenda items for consideration of the Board.

Agenda Item 1: Approval of the Minutes of BoS Meeting, Department of Law held on 30 May, 2018 regarding Review and updating Course Structure, content of Courses in syllabus and suggested readings of LL.M. 2 Years Programme for the academic session, 2018-19.

Agenda Item 2: Any other item with the permission of the Chair.

Item No. SL5G/SB.5. 2018.1

To approve the Minutes of the meeting of Board of Studies held on 30.5.2018.

The School Board approved the minutes of the meeting of Board of Studies, Department of Law with following observations:

The School Board examined the syllabus minutely and considered the suggestions of Board of Studies in the contents. Regarding the schedule of presentation, it was resolved by the Board that it should be dealt with at departmental level.

The content of following courses was examined at length and the Board suggested following amendments.

Ecological Management and Law:

In Unit I, topic 4 was revised as 'Legal innovation in relation to Eco system Management'.

In Unit III, 'River Action Plan' should replace 'Ganga Action Plan' followed by Politico Legal Aspects.

[Handwritten signatures and dates]
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Refugee Law: Content 1.1 has been revised and the word 'international' has been replaced by 'refugee'.

Humanitarian Law: Title of the course Humanitarian Law was revised as International Humanitarian Law.

Insurance Law: Regarding the content of Insurance Law, it was suggested that history of Insurance Law should be shifted to 1st unit from 3rd unit.

It was also suggested that IRDA placed at no.3.2, it should be placed at no. 3.3.

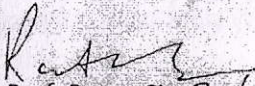
It was also suggested to introduce content on Health Insurance in the course.

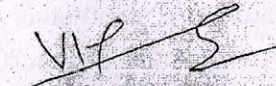
In ID Course on Fundamental Rights and Fundamental Duties', the topic 'theories of rights' to be removed. It was suggested to revise suggested readings.


Item No. SLSG/SB:5: 2018:2

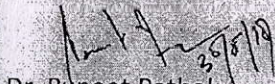
No additional item was placed for discussion.

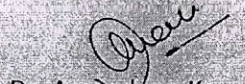
The meeting ended with a vote of thanks by Chairman, School Board to the Chair of School Board and all the members for their inputs.

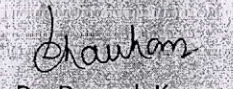

Prof. Ratan Singh
Member

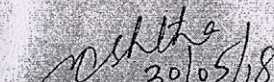

Prof. V.K. Garg
Member


Prof. M.A. Wani
Member

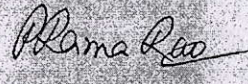

Dr. Puneet Pathak
Member


Dr. Amandeep Kaur
Member


Dr. Deepak Kumar
Member


Prof. Nishtha Jaswal
Member


Dr. Tarun Arora
Member


Prof. P. Ramarao
Chairperson



CENTRAL UNIVERSITY OF PUNJAB

(Established vide an Act no. 25 (2009) of Parliament)

City Campus, Mansa Road, Bathinda-151001

SCHOOL OF SOCIAL SCIENCES

Proceedings of the 5th Meeting of School Board, School of Social Sciences held on 31st May 2018.

Following are the Members of the School Board:

1. Prof. P. Ramarao	Chairperson
2. Dr. P. K. Mishra	Member
3. Dr. Vinod Arya	Member
4. Dr. Naresh Kumar Singla	Member
5. Dr. Aditya Ranjan Kapoor	Member
6. Prof. V. K. Garg	Member
7. Prof. Rajesh Gill	Member
8. Prof. Paramjit Singh Judge	Member
9. Prof. S. S. Gill	Member
10. Prof. Lakhwinder Singh	Member

Following are the Agenda items:

1. Finalization of the course structure and syllabus of M.A. Economics for 2018-19.
2. Finalization of the course structure and syllabus of M.A. Sociology for 2018-19.
3. Finalization of the course structure and syllabus of Ph.D. Course Work, Sociology for 2018-19.

The Proceedings of the School Board is as under:

1. In view of the approval of the competent authority for taking concurrence of the external experts on the re-structured syllabus of M.A. Economics through e-mail circulation, the course structure and contents of the curriculum of M.A. Economics Programme for 2018-19 session onwards was sent to the external expert members through e-mail. Prof. S. S. Gill and Prof. Rajesh Gill have sent their approval/concurrence for the above mentioned curriculum as recommended by BOS, Department of Economic Studies in its Meeting held on 11 May 2018.
2. In view of the approval of the competent authority for taking concurrence of the external experts on the re-structured syllabus of M.A. Sociology and Ph.D

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A.T.O.

Coursework in Sociology through e-mail circulation, the course structure and contents of the curriculum of M.A. Sociology Programme and Ph.D. Course work in Sociology for 2018-19 session onwards was sent to the external expert members through e-mail. Prof. Paramjit Singh Judge and Prof. Rajesh Gill have sent their approval/concurrence for the above mentioned curriculum as recommended by BOS, Department of Sociology in its 6th Meeting held on 14 May 2018.

3. All the suggestions made by the expert members on the above mentioned curriculum structures and contents have duly been incorporated.
4. The Curriculum Audit Meeting was held with the Department of Economic Studies on 23rd May 2018 and with the Department of Sociology on 24th May 2018 under IQAC, CUP, Bathinda. All the suggestions made in the above mentioned respective department level meetings were duly incorporated in addition to the recommendations by respective department level BOS.
5. The point-wise changes made in the M.A. Syllabi and Ph.D. course work of Department of Sociology and Economic Studies are hereby submitted.
6. The School Board recommends M.A. Economics, M.A. Sociology and Ph.D. Course work in Sociology curriculum structures and contents for necessary approval by the Academic Council in its forthcoming meeting.

Naresh Singh
(Dr. Naresh Singla) 31/5/18

P.K. Mishra
(Dr. P. K. Mishra)

V.K. Garg
(Dr. V. K. Garg) 31/5/18

Aditya Ranjan Kapoor
(Dr. Aditya Ranjan Kapoor)

Vinod Arya
(Dr. Vinod Arya)

P. Ramarao
(Prof. P. Ramarao)

To the agenda in forth coming Academic Council.
Put up for approval *P. Ramarao* 31/5/2018.

To H'ble ve

JS
31/5/18

कुलसचिव कार्यालय/VCO
क्र./Sr. 1110
दिनांक/Dt. 1/6/18

कुलसचिव कार्यालय
Registrar's Office
क्र./Sr. 1284
दिनांक/Dt. 1/6/18

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SUMMARY SHEET OF CHANGES IN M.A ECONOMICS COURSE CURRICULUM

Changes Suggested in the Meetings of Board of Studies, Department of Economic Studies and School Board, School of Social Sciences held on 11/05/2018 31/05/2018 respectively and duly incorporated in the curriculum structure and contents of M.A Economics Programme.

1. The course structure of the M.A Economics Programme to be applicable for 2018-19 session onwards has been restructured and developed in accordance to the CBCS guidelines and as per the suggestions of IQAC of the University.
2. The course codes of all the courses have been aligned to the guidelines of the University.
3. It is accepted to keep a 'Seminar' component in each semester for 1 credit hour.
4. It is accepted to offer 'Academic Writing' as the Value Added Course in the 3rd Sem.
5. It is accepted to offer 'Data Analysis Using SPSS' as the Value Added Course in 4th Sem.
6. It is accepted to include two courses namely 'Practices of Economics-I' and 'Practices of Economics-II' in the 4th Sem to enable the students prepare for National level competitive examinations.
7. In the course 'Demography' (ECO.527), the words 'Occupational' and 'manpower planning' were removed from Unit-3 and the phrase 'since independence' in Unit-3 and 'social groups and family size' in Unit-4 were added.
8. In the course 'Environmental Economics' (ECO.556), it was suggested to remove 'use of pesticides and crop failure' and 'trade and policy' from Unit-4 and to add the phrase 'alternative energy sources and environment' in Unit-3 and 'use of chemicals in agriculture and pollution' in Unit-4.

P.K. [Signature]
31/5/18



CENTRAL UNIVERSITY OF PUNJAB

(Established vide an Act no. 25 (2009) of Parliament)
City Campus, Mansa Road, Bathinda-151001

SCHOOL OF MANAGEMENT

Proceedings of the 2nd Meeting of School Board, School of Management held on 30th May 2018.

Following are the Members of the School Board:

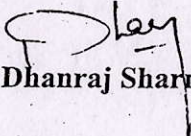
- | | |
|------------------------------|-------------|
| 1. Prof. S. S. Marwaha | Chairperson |
| 2. Dr. P. K. Mishra | Member |
| 3. Dr. Dhanraj Sharma | Member |
| 4. Dr. Jainendra Kumar Verma | Member |
| 5. Prof. Manjit Singh | Member |
| 6. Prof. Parmjit Kaur | Member |
| 7. Prof. Karamjeet Singh | Member |

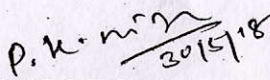
Following are the Agenda items:

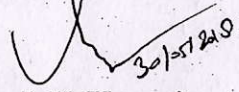
1. Finalization of the course structure and syllabus of M.Com Programme for 2018-19 onwards.

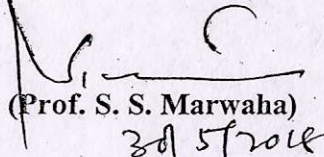
The Proceedings of the School Board is as under:

1. In view of the approval of the competent authority for taking concurrence of the external experts on the re-structured syllabus of M.Com through e-mail circulation, the course structure and contents of the curriculum of M.Com Programme for 2018-19 session onwards was sent to the external expert members on 29 May 2018 through e-mail. Out of the three external experts in the School Board, Prof. Manjit Singh has sent his approval/concurrence for the abovementioned curriculum as recommended by BOS, Department of Financial Administration in its Meeting held on 11 May 2018.
2. The School Board recommends this M.Com curriculum structure and contents for necessary approval by the Academic Council in its forthcoming meeting.


(Dr. Dhanraj Sharma)


(Dr. P. K. Mishra)


(Dr. J. K. Verma)


(Prof. S. S. Marwaha)

SUMMARY SHEET OF CHANGES IN M.COM COURSE CURRICULUM

Changes Suggested in the Meetings of Board of Studies, Department of Financial Administration and School Board, School of Management held on 11/05/2018 30/05/2018 respectively and duly incorporated in the curriculum structure and contents of M.Com Programme.

1. The course structure of the M.Com Programme to be applicable for 2018-19 session onwards has been restructured and developed in accordance to the CBCS guidelines and as per the suggestions of IQAC of the University.
2. The course codes of all the courses have been aligned to the guidelines of the University.
3. It is accepted to keep a 'Seminar' component in each semester for 1 credit hour.
4. It is accepted to offer 'Academic Writing' as the Value Added Course in the 3rd Sem.
5. It is accepted to offer 'Data Analysis Using SPSS' as the Value Added Course in 4th Sem.
6. It is accepted to include two courses namely 'Practices of Accounting and Finance' and 'Practices of Management' in the 4th Sem to enable the students prepare for National level competitive examinations.
7. In the course Practices of Management (MCM.577), it is suggested to replace 'marketing segment with market segmentation' Unit-2 and 'appraisal performance with performance appraisal' in Unit-3.
8. In the course Data Analysis Using SPSS, it is suggested to replace 'data preparation with data entry' Unit-1 and 'data manipulation with data legacy check' in Unit-1, and to remove 'one sample chi-square' of Unit-2 and to add 'test of stationarity' in Unit-4.

P.K. W. 31/5/18

DEPARTMENT OF COMPUTATIONAL SCIENCES

33

Minutes for the Board of Studies

Endst. No. 18/2018

Date: 24/May/2018

The minutes for the Board of Studies for the Department of Computational Sciences is as follows:

1. The course structure and syllabi for M.Sc. Chemistry (Computational Chemistry) 2018-20 (I Semester onwards), as recommended by CDC, is approved.
2. The change in nomenclature for the M.Sc. Life Sciences specialization in Bioinformatics to M.Sc. Life Sciences (Bioinformatics), as recommended by CDC, is approved.
3. The course structure and syllabi for M.Sc. Life Sciences (Bioinformatics), 2018-20 (I Semester onwards), as recommended by CDC, is approved.
4. The course structure and syllabi for M.Sc. Physics (Computational Physics), 2018-20 (I Semester onwards), as recommended by CDC, is approved.

Prof. P. Ramasao
Prof. P. Ramasao

on leave
Prof. R. Wusirka

VHP
Prof. V.K. Garg

Amul
24/5/18
Prof. A. Munshi

Sudhir Baranwal
Dr. S. Baranwal

Dr. J. Prakash
Dr. J. Prakash

Jagmohan
24/5/18
Dr. N. Babu

Pandit
25/5/18
Dr. P. Parida

Kavik
24/5/18
Dr. K. Giri

Mukul
24/5/18
Dr. M. Kulkarni

Dr. S. Chhabra
24/5/18
Dr. S. Chhabra

Comments not received on line approval attached on next page
Prof. Sudhir Kumar
Dr. Purshottam Sharma

Comments not received
Prof. Jagmohan Singh

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List of changes in the different programmes for the Department of Computational Sciences

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List of changes for M.Sc. Life Sciences (Specialization in Bioinformatics)

1. Course codes updation of M.Sc. Life Sciences (Specialization in Bioinformatics) Programme for and 2018-20 session

The course codes are modified according to notification CUPB/CC/COE/17/1076 on dated 09.11.2017 and subsequent email from IQAC office dated 26th Apr 2018 (1.13 pm) for "Guidelines for Curriculum Design and Development". The updated course codes will be applicable from 2018-20 session. The M.Sc Project work shall span two semesters with a single code (LBI.599) similar to Credit seminar (LBI.597). The subjects were assigned specific codes as per the guidelines circulated in abovementioned email. For each subject "mode of transaction" and "Evaluation Criteria" have been specified. A putative modification in the nomenclature [from: M.Sc. Life Sciences (Specialization in Bioinformatics) to M.Sc. Life Sciences (Bioinformatics)] of this programme is under consideration. It is important to mention here that this modification in nomenclature is only a step in moving towards a full fledged course of M.Sc Bioinformatics provided usual faculty strength with Bioinformatics specialization is obtained. Further the details about the minor changes for the MSc Life Sciences (Specialization in Bioinformatics) are as follows:

S. No.	Previous Course (Credit)	Course Type	Present Course (Credit) (Course Code)	Course Type	Remarks
Semester I					
1.			Sequence Analysis (2)	CC	This is moved from second semester to first semester with a modified syllabus.
Semester II					
1.	Perl Primers for Data Analysis		Scripting Languages for Data Analysis (4)	CC	The syllabus has been modified to include python along with perl.
2.	Sequence Analysis				Moved to First semester after modification.
3.			Molecular Evolution	CC	Moved Down from 4 th Semester to Secon semester to provide a continuity for the sequence analysis subject
Semester III					
1.	Ecology and Environment				Moved to 4 th semester
	Computational Genomics and Proteomics				Moved to 4 th semester
3.			M.Sc. Project (6)	EP	Introduced afresh
Semester IV					
1.	Molecular Evolution				Moved to second semester
2.	Scientific Writing and Intellectual Property Rights				Removed
3.			Value Added Course I	VAC	Introduced afresh as per the guidelines
			Value Added Course II	VAC	Introduced afresh as per the guidelines
			Enriching Course for	DEC	Introduced afresh as per the guidelines

Kaushik G

Albana

Indira Chandra

Jishu

Suresh S

31

6.		Bioinformatics		
		Computational Genomics and Proteomics	CC	Moved from 3 rd semester
7.		Ecology and Environment	CC	Moved from 3 rd semester

List of changes for M.Sc. Physics (Computational Physics)

1. Course codes updation of M.Sc. Physics (Computational Physics) Programme for 2018-19 session
 The course codes are modified according to notification CUPB/CC/COE/17/1076 on dated 09.11.2017 and subsequent email from IQAC office dated 26th Apr 2018 (1.13 pm) for "Guidelines for Curriculum Design and Development". The updated course codes will be applicable from 2018-20 session. The M.Sc Project work shall span two semesters with a single code (PCP.599) similar to Credit seminar (PCP.597). The subjects were assigned specific codes as per the guidelines circulated in above mentioned email. For each subject "mode of transaction" and "Evaluation Criteria" have been specified. Further the details about the minor changes for the MSc Physics (Computational Physics) are as follows:

S. No.	Previous Course (Credit)	Course Type	Present Course (Credit) (Course Code)	Course Type	Remarks
Semester I					
1.	Quantum Mechanics-I (4) (PHY.508)	C	Quantum Mechanics (4) (PHY.508)	CC	
Semester II					
1	Numerical Methods (2) (PHY.521)	F	Numerical Methods and Laboratory (4) (PHY. 521)	CF	Propose to modify the syllabi has been adopted in toto to the one in Department of Physical Sciences..
	Computer Laboratory (4) (PHY. 526)	F			
2	Quantum Mechanics-II (4) (PHY. 522)	C	Quantum Atomic and Molecular Physics (4) (PHY. 522)	CC	Propose to remove. Propose to modify the syllabi has been adopted in toto to the one in Department of Physical Sciences..
Semester III					
	Atomic and Molecular Physics (4) (PHY.552)	C			Propose to remove.
2.	Elective Course-II (Practicle) (PHY.XXX)	E			Propose to remove.
3	Synthesis and Characterization Laboratory (4) (PHY. 558)	E			Propose to remove.
	Modeling and Simulation laboratory (Practicle) (4) (PHY. 556)				
	Nuclear and Particle Physics (4) (PHY. 553)	C	Nuclear and Particle Physics (4) (PHY. 552)	CC	Propose to change the course code.

Kaushik Guin *Apurva* *Sudip Choudhury* *Pratik* *Sumit S.*

	Nuclear Physics Laboratory (4) (PHY. 554)		Nuclear Physics Laboratory (4) (PHY. 553)		
5			Seminar-I (1) (PHY.597)	SE	Proposed to include as per the Guidelines for Curriculum Design and Development by the University.
			Project-I (6) (PCP. 599)	EP	
			Value Added Course (1)	VAC	
Semester IV					
1.	Characterization Techniques (2) (PHY. 571)	F			Propose to remove.
2			Research Methodology (4) (PHY. 571)	CF	Propose to include.
3	Elective-III (4) (PHY.XXX)	E	Elective-II-(4) (PHY.XXX)	CE	
	Project Work (8) (PCP. 599)	E	Project Work-II(6) (PCP. 599)	EP	
			The Enrich Physics Course-I (2) (PHY. 576)	CF	Proposed to include as per the Guidelines for Curriculum Design and Development by the University.
			The Enrich Physics Course-II (2) (PHY. 577)		
			Seminar-II (1) (PHY.597)	SE	
			Value Added Course (1)	VAC	

List of changes for M.Sc. Chemistry (Computational Chemistry)

1. Course codes updation of M.Sc. Chemistry (Computational Chemistry) Programme for 2018-19 session. The course codes are modified according to notification CUPB/CC/COE/17/1076 on dated 09.11.2017 and subsequent email from IQAC office dated 26th Apr 2018 (1.13 pm) for "Guidelines for Curriculum Design and Development". The updated course codes will be applicable from 2018-20 session. The M.Sc Project work shall span two semesters with a single code (CCC.599) similar to Credit seminar (CCC.597). The subjects were assigned specific codes as per the guidelines circulated in above mentioned email. For each subject "mode of transaction" and "Evaluation Criteria" have been specified. Further the details about the minor changes for the MSc Chemistry (Computational Chemistry) are as follows:

S. No.	Previous Course (Credit)	Course Type	Present Course (Credit) (Course Code)	Course Type	Remarks
Semester I					
			Computational Methods (4) (CCC.512)	CF	Propose to move the course from Semester III to Semester I.
	Organic Chemistry-I (3) Inorganic Chemistry-I (3) Physical Chemistry-I (3)	EC CC	Organic Chemistry-I (CCC.512) (3) Inorganic Chemistry-I (3)	DSE	The modified syllabi has been adopted in toto to the one in Department of Chemical Sciences.

Handwritten signatures: Kunk Gu, *[Signature]*, *[Signature]*, *[Signature]*, *[Signature]*

			(CCC.511) Physical Chemistry-I (3) (CCC.510)	CC	
Semester II					
1.			Computational Methods Lab. (Practical) (3) (CCC.529)	SEC	Propose to move the course from Semester III to Semester II.
2.	Organic Chemistry-II (3) Inorganic Chemistry-II (3) Physical Chemistry-I (3) Molecular Spectroscopy (4)	EC CC	Organic Chemistry-II (3) (CHM.522) Inorganic Chemistry-II (3) (CHM.521) Physical Chemistry-II (3) (CHM.523) Molecular Spectroscopy (3) (CHM. 525)	DSE CC DSE	The modified syllabi has been adopted in toto to the one in Department of Chemical Sciences.
3.	Perl Primers for Data Analysis (3) (LBI. 523)	EC	Need to change according to bioinfo	DSE	Proposed to remove.
			Credit Seminar-I (1) (CCC.597)	SE	Proposed to include as per the Guidelines for Curriculum Design and Development by the University.
5.	Scientific Writing and IPR (2)	CC			Proposed to remove.
Semester III					
1.	Bio-inorganic and Biophysical Chemistry (4) (CHM.556)	EC	Bio-inorganic and Biophysical Chemistry (3) (CHM.553)	DSE	The modified syllabi has been adopted in toto to the one in Department of Chemical Sciences.
2.	Density Functional Theory (4) (CCC. 558) Introduction to Quantum Dynamics (4) (CCC.559) Statistics for Chemical and Biochemical Applications (4) (CCC.560)	EC	Density Functional Theory (3) (CCC. 558) Introduction to Quantum Dynamics (3) (CCC.559) Statistics for Chemical and Biochemical Applications (3) (CCC.560)	DSE	Proposed to modify their credits.
3			Project Work-I (6) (CCC.599)	DSE	Proposed to divide the total project work in between 3 rd and 4 th semesters.
1			Value Added Course (1)	VAC	Proposed to include as per the Guidelines for Curriculum Design and Development by the University.
Semester IV					
			Project Work-II (6)	DSE	Proposed to include as per the

Kaushik Guin *[Signature]*

[Signature]

[Signature]



Central University of Punjab

Established vide Act No. 25(2009) of Parliament

Ref. No: CUPB/CC/14 / Notification / 4667

Dated: 22.12.14

NOTIFICATION

ANNEXURE - 18.17

In pursuance to Item No. EC:11:2014:13 of the Minutes of the 11th Meeting of Executive Council of Central University of Punjab, approval of the Executive Council is hereby conveyed to the recommendations of the Academic Council (as recommended in its 5th meeting) for grant of Professional Leave in favour of the faculty members to attend orientation/refresher course(s) as detailed below:

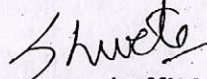
1) General Rules Relating to Leave:

- a. No teacher can claim leave as a matter of right and when the exigencies or service so demand, leave of any description may be refused or revoked by the leave sanctioning authority.
- b. In case a teacher is recalled to duty before the expiry of his leave, such recall to duty shall be treated as binding and compulsory in all cases.
- c. Except as otherwise provided in these rules, leave shall be earned by period spent on duty only.
- d. No teacher shall avail leave of any kind, except in case of emergency or for reasons beyond his/her control, unless the leave has been sanctioned by the competent authority. Provided further that application for leave must reach the competent authority in advance giving sufficient time to grant or deny the leave.
- e. As a general rule, the Professional leave can be availed from the commencement of the academic session and no teacher would be permitted to proceed on long leave while the academic session is in progress and continuing.

2) Professional Leave:

- a) A whole time permanent teacher may be granted Professional Leave of such duration as may be considered necessary by the sanctioning authority for career progression as per UGC guidelines.
 - I. Attending the orientation/Refreshers' Course of the national level bodies on behalf of the University or with the permission of the University.
- b) Professional Leave may be granted on full pay without any other financial compensation.
- c) Professional Leave will not be combined with any other leave except medical leave.

This is issued with the approval of the Competent Authority


Registrar (Officiating)

Copy to:

1. PRO(T): for kind information of the Vice Chancellor
2. Dean Academic Affairs for information
3. Concerned Deans/CoCs/OICs for information and circulation among the faculty members
4. SMCC, for information and uploading on the University website
5. Accounts Officer for information
6. Concerned file

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