



# Criterion-1: Curricular Aspects

## Key Indicator – 1.2: Academic Flexibility

### Metric: 1.2.1

#### Minutes of Board of Studies

The major revision of the programmes was carried out in 2019 in which many new courses were introduced. The minutes of the Board of Studies/ Committee of Courses stating the approval of the revisions of the programmes is enclosed.

# UNIVERSITY OF DELHI SOUTH CAMPUS

## DEPARTMENT OF GENETICS

### Committee of Courses

### Minutes of the meeting

The Committee of Courses held its meeting on 26<sup>th</sup> of June 2018 to discuss the draft syllabus modified as per Choice Based Credit System.

The committee was apprised of the steps taken to come up with the modified syllabus which has been elaborated upon in the 'Summary of revision'.

The syllabus was shared with members of the committee who had expressed their inability to attend the meeting. The members shared their inputs and approval for the proposed modifications.

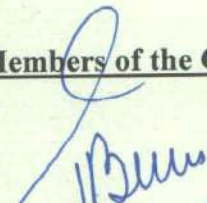
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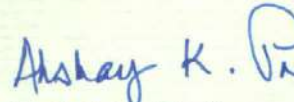
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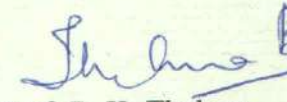
The committee approved the changes proposed in the syllabus and recommended that the syllabus be sent to the Office of the Dean for seeking approval of the Academic Council. Members who were unable to attend gave their approval via email.

The committee also authorized the Head to make adequate changes, if any is proposed in the meeting of the Faculty of Interdisciplinary and Applied sciences.


#### Members of the Committee:

  
Prof. P. K. Burma 26.6.18  
Head (ex-officio member)

  
Prof. A. K. Pradhan  
Faculty representative


  
Prof. B. K. Thelma  
Faculty representative

could not attend but  
gave inputs by email.  
Prof. M. V. Rajam  
Faculty representative


  
Dr. Surajit Sarkar  
Faculty representative

could not attend but  
gave inputs by email.  
Dr. Aruna Devi Naorem  
Faculty representative


could not attend but  
gave inputs & approval by email.  
Prof. Alok Bhattacharya  
External Member

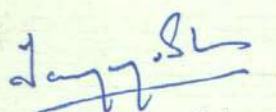
  
Prof. A. K. Singh  
External Member

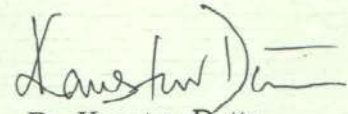
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Ms. Vaishali Kataria  
Student representative

  
Ms. Pragati  
Student representative

#### Special Invitees:

  
Dr. Jagreet Kaur

  
Dr. Tapasya Srivastava

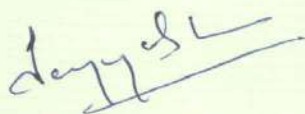
  
Dr. Kaustuv Datta

# UNIVERSITY OF DELHI SOUTH CAMPUS (DEPARTMENT OF GENETICS)

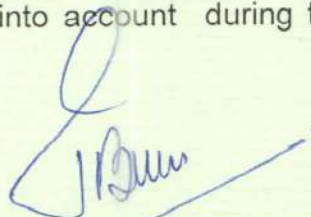
A meeting was held on 9<sup>th</sup> April 2018 with currently enrolled students of M.Sc. Course to discuss the re-structuring and revision of current M.Sc. (Genetics) syllabus. The students were apprised the modifications proposed by the faculty members of the department. The following were discussed.

1. The faculty had proposed that information available in papers Gen 0703, Gen 0802 and Gen 0803 be re-distributed and revised into two core papers. The students, however proposed that paper Gen 0803 should remain as it is, as they are not exposed to the area of Gene Regulation in the under graduation level. They suggested that the re-organisation of papers Gen 0702, Gen 0703 and Gen 0802 may be carried out.
2. The students were okay with merging of paper Gen 1001 and Gen 1002 and suggested that the papers should deal mainly with the important concepts in the area of Immunology and Developmental Biology.
3. The students proposed that more time be given in carrying out their project work in the 4<sup>th</sup> semester.
4. The students proposed that the course on Biostatistics be strengthened and also proposed the names of teachers from other colleges who could be requested for teaching these course, as the department currently does not have a Biostatistician.

The students were requested to submit any suggestion regarding the course revision so that these could be taken into account during the revision process.



Dr. Tapasya Srivastava  
Assistant Professor  
Department of Genetics



Prof. Pradeep Kumar Burma  
Head, Department of Genetics

# UNIVERSITY OF DELHI SOUTH CAMPUS (DEPARTMENT OF GENETICS)

## Minutes of the Departmental Committee

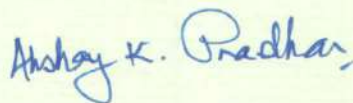
A meeting of the Departmental committee was held on 2<sup>nd</sup> April 2018 to discuss the proposed changes in structure of the M.Sc. course to meet the requirements of Choice Based Credit System. The discussion was based on "Guidelines for revision and re-structure of post-graduate courses" sent by Deputy Registrar (Academic) and discussion amongst Heads of the Department under FIAS.

The following recommendations were made/points discussed:

1. The minimum credits <sup>required.</sup> to obtain a M.Sc. degree would be 96.
2. 24 credits will be offered in each semester. A total of 12 core theory papers would be offered.
3. The current syllabus has 14 core theory papers. It was decided to re-structure paper nos Gen 0703, Gen 080<sup>2</sup> and Gen 080<sup>3</sup> into two core papers. Further Gen 1001 and Gen 1002 could be merged and revised as a single paper. Each course would be 4 credits. There will be 3 practical papers of appropriate credits.
4. There will be two Elective Papers offered in the 4<sup>th</sup> semester. Students will have a choice of choosing out of the proposed 7 courses already available in the current syllabus.
5. Prof. Thelma proposed to offer a course on Genetic Counseling in lieu of Medical Genomics paper. As the elective papers will also be 4 credits in the proposed re-structured syllabus, appropriate revisions would be carried out.
6. An open elective course would be offered to students of other departments which would be of 2 credits.
7. Based on the above, the proposed structure in M.Sc. Genetics as in Annexure I was agreed to.
8. The contents of the papers would be appropriately revised in consultation with the stake holders.

  
Prof. P.K. Burma,  
Head

Prof. A.K. Pradhan



Prof. B.K. Thelma



Prof. M.V. Rajam

on leave

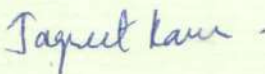
Dr. Kaustav



Dr. Surajit Sarkar



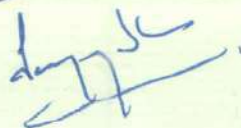
Dr. Jagreet Kaur



Dr. Aruna Naorem



Dr. Tapasya Srivastava





UDSC

HEAD, DEPARTMENT OF GENETICS  
UNIVERSITY OF DELHI SOUTH CAMPUS

Benito Juarez Road  
Dhaura Kuan  
New Delhi - 110 021 INDIA

Tel : 91-11-24157179 (Ext. 179)  
Fax : 91-11-24112761  
E-mail : hodgenetics@south.du.ac.in

Annexure I

Ref. SDC / Genetics /

Department of Genetics (FIAS)  
Proposed structure for M.Sc. Genetics

Total credits of the course = 96

Number of core papers = 16

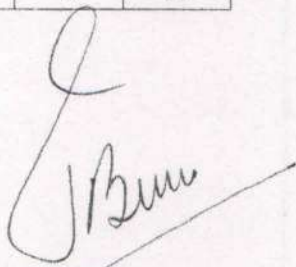
- Theory = 12
- Practical = 3
- Project = 1

Number of elective papers = 02

Number of ~~core~~ <sup>open</sup> elective paper = 01

Semester	Core Courses			Elective Course			Open Elective Course			Total Credits
	No. of papers	Credits (L+P)	Total Credits	No. of papers	Credits (L)	Total Credits	No. of papers	Credits (L)	Total Credits	
I	5 (4Th + 1 P)	16 L + 8 P	24	0	0	0	0	0	0	24
II	5 (4 Th + 1 P)	16L + 6 P	22	0	0	0	1	2	2	24
III	5 (4 Th + 1P)	16 L + 8 P	24	0	0	0	0	0	0	24
IV	Project (1)	16	16	2	8	8	0	0	0	24
<b>Total Credits for the Course</b>			<b>86</b>			<b>8</b>			<b>2</b>	<b>96</b>

Th= Theory  
P = Practical

  
 विभागाध्यक्ष / Head  
 आनुवंशिकी विभाग / Department of Genetics  
 दिल्ली विश्वविद्यालय दक्षिण परिसर  
 University of Delhi South Campus  
 बेनिटो हुआरेज रोड / Benito Juarez Road  
 नई दिल्ली-110021 / New Delhi-110021

# UNIVERSITY OF DELHI SOUTH CAMPUS

## DEPARTMENT OF GENETICS

### Committee of Courses

### Minutes of the meeting

The Committee of Courses held its meeting on 26<sup>th</sup> of June 2018 to discuss the draft syllabus modified as per Choice Based Credit System.

The committee was apprised of the steps taken to come up with the modified syllabus which has been elaborated upon in the 'Summary of revision'.

The syllabus was shared with members of the committee who had expressed their inability to attend the meeting. The members shared their inputs and approval for the proposed modifications.

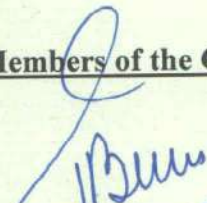
The inputs received from experts and stakeholders were shared with the members.


The draft syllabus was presented and discussed. Based on inputs from experts, stakeholders and discussion held in the meeting of COC, further modifications were carried out.

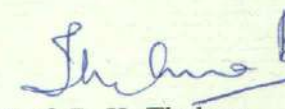
The committee approved the changes proposed in the syllabus and recommended that the syllabus be sent to the Office of the Dean for seeking approval of the Academic Council. Members who were unable to attend gave their approval via email.

The committee also authorized the Head to make adequate changes, if any is proposed in the meeting of the Faculty of Interdisciplinary and Applied sciences.


#### Members of the Committee:

  
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Head (ex-officio member)

  
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Faculty representative


  
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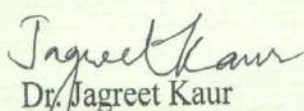
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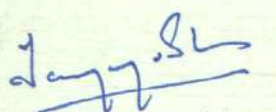
  
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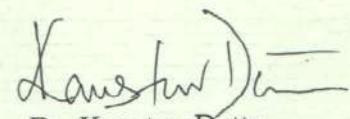
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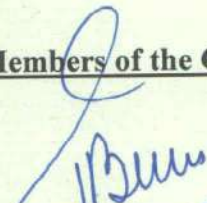
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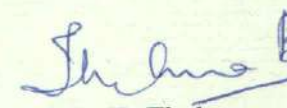
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
  
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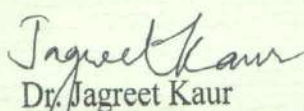
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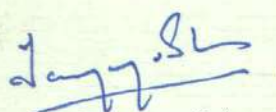
  
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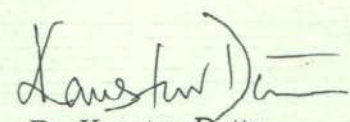
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#### Special Invitees:

  
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Dr. Tapasya Srivastava

  
Dr. Kaustubh Datta



गणित विभाग

DEPARTMENT OF MATHEMATICS

दिल्ली विश्वविद्यालय, दिल्ली-110007

UNIVERSITY OF DELHI, DELHI – 110007

ई-मेल : [head@maths.du.ac.in](mailto:head@maths.du.ac.in)

दूरभाष. 27666658

PROF. C.S. LALITHA

संदर्भ संख्या: Maths/2018/

HEAD

दिनांक : May 16, 2018

## MINUTES

A joint meeting of the Committees of Courses for Honours and Post-graduate Studies and Under-graduate Studies was held on Tuesday, 15<sup>th</sup> May 2018 at 2.00 p.m. in Room No.8, New Academic Block, Faculty of Mathematical Sciences building, University of Delhi, Delhi-110007.

The following members were present:

1. Prof. C.S. Lalitha Head & Chairman
2. Prof. Ajay Kumar
3. Dr. Sachi Srivastava
4. Dr. V. Ambethkar
5. Dr. Atul Gaur
6. Dr. Hemant Kumar Singh
7. Dr. Pratima Rai
8. Dr. Sachin Kumar
9. Dr. Vinay Trehan, Vivekanand College
10. Mrs. Chitra Sharma, Lakshmi Bai College
11. Dr. Raj Kumar, Kirorimal College
12. Dr. Prashanto Chatterjee, St. Stephens' College

### Agenda Item:

1. (a) The minutes of the meeting held on 27.02.2018 were confirmed.  
(b) No issue was raised out of the minutes.
2. The revised syllabi of following Under Graduate Studies were considered and approved with minor changes. After incorporating changes it will be sent to Faculty of Mathematical Sciences for approval.
  - (i) Bachelor of Mathematics Honours
  - (ii) B.Sc. (Prog.) Physical Sciences / Mathematical Sciences

- (iii) B.A. (Programme)
- (iv) General Elective (GE) Courses for Honours Courses
- (v) General Elective (GE) Courses for B.A./B.Com Programme
- (vi) B.Sc. (Prog.) Analytical Chemistry

2. The revised syllabus of M.A./M.Sc. was considered and approved with minor changes. After incorporating changes it will be sent to Faculty of Mathematical Sciences for approval.

C.S. Kalita  
15/5/18  
HEAD



गणित विभाग  
DEPARTMENT OF MATHEMATICS  
दिल्ली विश्वविद्यालय, दिल्ली-110007  
UNIVERSITY OF DELHI, DELHI – 110007

ई-मेल : [head@maths.du.ac.in](mailto:head@maths.du.ac.in)

दूरभाष. 27666658

**PROF. C.S. LALITHA**

संदर्भ संख्या: Maths/2018/

**HEAD**

दिनांक : August 03, 2018

### MINUTES

An emergent meeting of the Committees of Courses for Honours and Post-graduate Studies was held on Thursday, 2<sup>nd</sup> August 2018 at 2.45 p.m. in Room No.8, New Academic Block, Faculty of Mathematical Sciences building, University of Delhi, Delhi-110007.

The following members were present:

1. Prof. C.S. Lalitha Head & Chairman
2. Prof. Ajay Kumar
3. Prof. Ruchi Das
4. Dr. Shashi Aggarwal (Miranda House)
5. Dr. Geeta Kalucha (PGDAV)
6. Dr. Hemant Kumar Singh (Special Invitee)
7. Dr. Satish Verma (Special Invitee)

**Agenda Item:**

1. The committee considered and approved the modified syllabus for Under-Graduate Honours and Post-Graduate courses and the same will be sent to Faculty of Mathematical Sciences for approval.

*C.S. Lalitha*  
**HEAD**



गणितीय विज्ञान संकाय  
FACULTY OF MATHEMATICAL SCIENCES  
दिल्ली विश्वविद्यालय, दिल्ली - 110007  
UNIVERSITY OF DELHI, DELHI-110007

CBCS  
MA/MS

Email: dean\_mathsci@du.ac.in

Ph.27666041

Prof. Prakash C. Jha  
Dean

संदर्भ सं.: FMTS/2018/464  
तिथि: 31 जुलाई, 2018

MINUTES

A meeting of the Faculty of Mathematical Sciences was held on Monday, 30<sup>th</sup> July, 2018 at 2.30 p.m. in the Seminar Room, Ground Floor, New Academic Block, Faculty of Mathematical Sciences Building, University of Delhi, Delhi-110 007.

The following members were present:

1. Prof. Prakash C. Jha  
Dean, Faculty of Mathematical Sciences &  
Head, Department of Operational Research
2. Prof. Ajay Kumar  
Officiating Head, Department of Mathematics
3. Prof. Vasudha Bhatnagar  
Head, Department of Computer Science
4. Prof. Ruchi Das  
Department of Mathematics
5. Dr. Lalit Kumar  
Department of Mathematics
6. Mr. Shrawan Kumar  
Department of Statistics  
Kirori Mal College
7. Ms. Jaya Gera  
Department of Computer Science  
Shyama Prasad Mukerjee College
8. Ms. Anu Chhabra  
Department of Mathematics  
Lakshmibai College
9. Ms. Amita Aggarwal  
Department of Mathematics  
Hansraj College

HOD, Dept. of Maths

10. Ms. Ritu Arora  
Department of Mathematics  
Keshav Mahavidyalaya
11. Ms. Seema Paliwal nee Khara  
Department of Mathematics  
Hindu College
12. Ms. Harminderjit Kaur  
Department of Mathematics  
Sri Guru Gobind Singh College of Commerce
13. Mr. Ramakant Prasad  
Department of Mathematics  
Gargi College
14. Ms. Megha Agarwal  
Department of Mathematics  
Ramanujan College
15. Dr. (Ms.) Ranjita Pandey  
Department of Statistics
16. Dr. (Ms.) Seema Joshi  
Department of Mathematics  
Ram Lal Anand College (Day)
17. Ms. Anita Bansal  
Department of Statistics  
Ramjas College
18. Ms. Sarla Bhardwaj  
Department of Mathematics  
Dr. Bhim Rao Ambedkar College

The following discussions were made:

1. (a) The Faculty confirmed the minutes of the Faculty meeting held on 9<sup>th</sup> June, 2017.  
(b) No issue was raised out of the minutes.
2. The Committee considered the recommendations of the Committee of Courses for Honours and Post-graduate Studies and Committee of Courses for Under-graduate Studies (joint meeting held on 15.05.2018) of the **Department of Mathematics** regarding the following courses and decided to approve the same subject to ratification by the Committee of Courses of the Department. The Faculty authorized the Dean to incorporate the changes and recommend the same for further approval of the Academic Council :

(a) Revised syllabus of the following Under-graduate courses (Annexure-1):

1. Bachelor of Mathematics (Honours)
2. B.Sc. (Prog.) Physical Sciences / Mathematical Sciences
3. B.A. (Programme)
4. General Elective (GE) Courses for Honours Courses
5. General Elective (GE) Courses for B.A./B.Com Programme
6. B.Sc.(Prog.) Analytical Chemistry

(b) Revised syllabus of M.A./M.Sc. Mathematics (Annexure-2)

3. The Committee considered the recommendations of the Committee of Courses for Honours, Post-graduate and Research Studies (meeting held on 23.07.2018) of the **Department of Operational Research** regarding the revised syllabus of Master of Operational Research (MOR) (Annexure-3) in North and South Campuses and decided to approve the same.

It was decided to recommend the same for further approval of the Academic Council.

4. The Committee considered the recommendations of the Committee of Post-graduate and Honours Courses (meetings held on 22.09.2017, 25.01.2018 & 26.07.2018) of the **Department of Computer Science** regarding the syllabus of following Courses and decided to approve the same:

(a) Revised syllabus for the following courses:

1. MCS-210 - Deep Learning (Annexure-4)
2. MCA-526 - Deep Learning (Annexure-5)
3. Master of Computer Applications (Annexure-6)
4. M.Sc. Computer Science (Annexure-7)

It was decided to recommend the same for further approval of the Academic Council.



Under Supplementary agenda:

5. The Committee considered the recommendations of the Committee of Courses for Honours and Post-graduate Studies and Committee of Courses for Under-graduate Studies (excluding honours) (meetings held on 08.05.2018 24.07.2018) of the **Department of Statistics** regarding the syllabus of following Courses and decided to approve the same:

1. Syllabus of M.A./M.Sc. Statistics under the CBCS(Annexure-8)
2. Revised syllabus of B.Sc.(Hons.) Statistics under the CBCS (Annexure-9)
3. Revised syllabus of B.Sc.(Programme) Mathematical Sciences Statistics under the CBCS (Annexure-10)
4. Revised syllabus of B.A.(Programme) Statistics under the CBCS(Annexure-11)

It was decided to recommend the same for further approval of the Academic Council.

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

  
Dean  




UNIVERSITY OF DELHI SOUTH CAMPUS  
(DEPARTMENT OF MICROBIOLOGY)

Page No.

Date: 14/05/2018

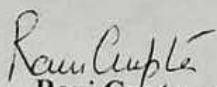
A meeting of 'Committee of Courses' was called to discuss revision of M.Sc. course syllabus to be framed under CBCS mode. The following members were present:


1. Prof. Rani Gupta
2. Prof. I.Das Gupta(PMB)
3. Prof. I.S.Thakur (JNU-SES)
4. Prof. Viridi
5. Prof. Swati Saha
6. Dr. Y.P.Khasa
7. Dr. Rajeev Kaul
8. Dr. A.Archana (SSN)
9. Dr. Kusum Gupta (RLA)
10. Dr. Shashi Chawla (Gargi)
11. Shilpa Mohanty (Student)
12. Ms. Ashish Singh (Student)

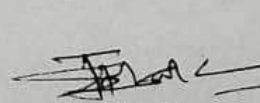
The committee was briefed about how the curriculum was developed after taking feedback from all stakeholders including current students, alumni, industry representatives, and external experts. This was followed by discussion of syllabus of all courses one by one. In discussion following points were raised:

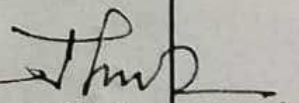
1. The open elective course may be open to own department students also.
2. The syllabus of Microbial Biotechnology course may be modified accordingly.
3. The description of practicals included in practical courses to be given in more detail.
4. In Food Microbiology course, the topic on 'Neutraceuticals' is to be added.
5. The points raised by External Experts were discussed in detail and it was decided to add the following in the courses:
  - i) In Environmental Microbiology paper 'Biogas Production' topic to be included in theory, and 'Estimation of B.O.D.' in practical-2
  - ii) Most of the other minor points raised by Experts were taken into consideration.

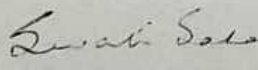
Finally the syllabus was approved with minor changes.

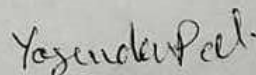
  
Rani Gupta  
14/05/18

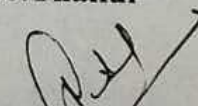
  
I.Das Gupta

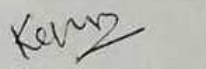
  
I.S.Thakur

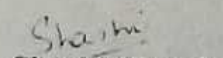
  
J.S.Virdi

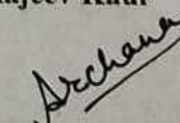
  
Swati Saha

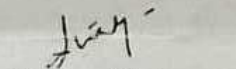
  
Y.P.Khasa

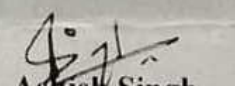
  
Rajeev Kaul

  
Kusum Gupta

  
Shashi Chawla

  
A.Archana

  
Shilpa Mohanty  
(Student Invitee)

  
Ashish Singh  
(Student Invitee)

**DEPARTMENT OF GEOGRAPHY  
UNIVERSITY OF DELHI  
DELHI-110007.**

Dated: 14.06.2018

**MINUTES**

A meeting of the Committee of Courses for revision of M.A. syllabus was held on 14<sup>th</sup> June, 2018 at 10.30 a.m. in the Heads room, Department of Geography, Delhi School of Economics, University of Delhi.

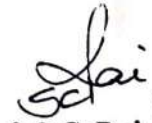
The following members were present:

1. Prof. S.C. Rai, HOD
2. Prof. Anu Kapur
3. Prof. R.B. Singh
4. Dr. Anindita Datta
5. Dr. Subhash Anand
6. Dr. Preeti Sachar (SSN)
7. Dr. Aparajita De
8. Dr. Anjan Sen
9. Dr. Kiran Bhairannavar

The following matters were discussed:-

1. Minutes of the previous meeting were confirmed.
2. M.A. Syllabus was discussed and approved by the Courses Committee.

Meeting ended with thanks to the chair.

  
14/06/2018  
Prof. S.C. Rai  
(Head)



दिल्ली विश्वविद्यालय दक्षिणी परिसर  
UNIVERSITY OF DELHI SOUTH CAMPUS

जैव भौतिकी विज्ञान विभाग  
DEPARTMENT OF BIOPHYSICS

Minutes of meeting of COMMITTEE of COURSES of Department of Biophysics  
convene to review the M.Sc BioPhysics course

The members of Committee of courses (CoC) of Dept. of Biophysics deliberated upon the following issues. The CoC consists of following members:

- Dr. Manish Kumar (Head, Dept of Biophysics, UDSC)
- Dr. Manisha Goel (Associate Professor, Biophysics, UDSC)
- Prof. Jagreet Kaur (external member, Department of Genetics, UDSC)
- Dr. Debasisa Mohanty (Scientist, NII New Delhi)
- Ms. Manisha Aswal (PhD Student, Dept of Biophysics, UDSC)
- Ms. Gunjan Saini (MSc Biophysics Part-I Student, Dept of Biophysics, UDSC)
- Sh. Kshitij Kathait (MSc Biophysics Part-I Student, Dept of Biophysics, UDSC)

The HoD Biophysics, Dr. Manish Kumar, apprised the members to the facts that:

- The syllabus of MSc. Biophysics was approved by the Executive Committee of Delhi University on 20/21-07-2019:
- The first batch of MSc Biophysics students were admitted in Ac. Yr. 2020-21. The total sanctioned strength is 08.
- On the feedback obtained from different stake-holders the department proposed to shift
  - core course MBCC301 (Molecular Biology) from Semester I to Semester III.
  - core course BPCC302 (Computer Applications in Biology) from Semester III to Semester I.
  - practicals related to MBCC301 has also been shifted to Semester III
  - practicals related to BPCC302 has also been shifted to Semester I
  - Core courses BPCC101 & BPCC102 were merged to single course in Semester I, ie. BPCC101 (Introductory Biology, Chemistry and Physics)
- As a result of shifting of courses, the course codes in the new syllabus will be as follows:

Old Course Code/ Semester	New Course Code/ Semester	Title of Paper
BPCC101 & BPCC102/I	BPCC101/I	Introductory Biology, Chemistry and Physics
BPCC103/I	BPCC102/I	Mathematics and Statistics for Life Sciences
BPCC104/I	BPCC103/I	Concepts of Biochemistry
BPCC302/III	BPCC104/I	Computer Applications in Biology
MBCC301/I	MBCC301/III	Molecular Biology
BPCC303/III	BPCC302/III	Physiological Biophysics

BPCC304/III	BPCC303/III	Practical-III
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The meeting ended with a vote of thanks to the members, especially to the external members.

*Manish Kumar*

**Dr. Manish Kumar**  
(Head, Dept of Biophysics,  
UDSC)

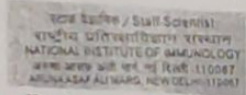
*Manisha Goel*

**Dr. Manisha Goel**  
(Associate Professor,  
Biophysics, UDSC)

*Jagreet Kaur*

**Prof. Jagreet Kaur**  
(External member,  
Department of Genetics,  
UDSC)

*Debashish Mohanty*



**Dr. Debashish Mohanty**  
(Scientist, NII New Delhi)

*Approval by  
email is  
attached*

**Ms. Manisha Aswal**  
(PhD Student, Dept of  
Biophysics, UDSC)

*Approval by  
email is attached*

**Ms. Gunjan Saini**  
(MSc Biophysics Part-I  
Student, Dept of Biophysics,  
UDSC)

*Approval by email  
is attached*

**Sh. Kshitij Kathait**  
(MSc Biophysics Part-I  
Student, Dept of Biophysics,  
UDSC)

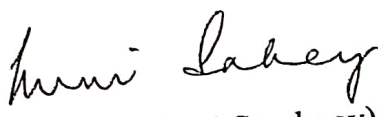
MINUTES


A meeting of the Committee of Courses was held on Tuesday, 11<sup>th</sup> June 2019 at 11:00 a.m. in Room No. 32 of the Department. Following members were present:


1. Prof. Minni Sawhney, Head of Department (Off.)
2. Dr. Vijaya Venkataraman, Associate Professor
3. Ms. Aarti Paul, Assistant Professor
4. Ms. Rama Paul, Assistant Professor
5. Mr. Manmohan Singh, Assistant Professor
6. Ms. Renu Sharma, Assistant Professor (DCAC, College)
7. Ms. Sachita Kaushal, Assistant Professor (Adhoc)
8. Ms. Namita Khare, Assistant Professor (Adhoc)


The Committee members approved the revision of the following Under-graduate courses under LOCF (Learning Outcomes-based Curriculum Framework):


1. B.A.(Hons.) in French
2. B.A.(Hons.) in German
3. B.A.(Hons.) in Italian
4. B.A.(Hons.) in Spanish
5. B.A.(Prog.) French
6. B.A.(Prog.) German
7. B.A.(Prog.) Spanish

  
(Prof. Minni Sawhney)  
Head of Department (Off.)

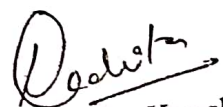
  
(Dr. Vijaya Venkataraman)  
Associate Professor

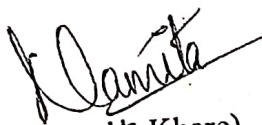
  
(Ms. Aarti Paul)  
Assistant Professor

  
(Ms. Rama Paul)  
Assistant Professor

  
(Mr. Manmohan Singh)  
Assistant Professor

(Renu Sharma)  
Assistant Professor

  
(Ms. Sachita Kaushal)  
Assistant Professor (Adhoc)

  
(Ms. Namita Khare)  
Assistant Professor (Adhoc)

**DEPARTMENT OF PHYSICS & ASTROPHYSICS**  
**UNIVERSITY OF DELHI**

**AMENDED MINUTES**

A combined meeting of the Committee of Courses (CoC) of Physics for PG, Hons. and Research studies and Committee of Courses for undergraduate studies was held on June 18, 2018 at 3.00 p.m. in Committee room of the Department of Physics and Astrophysics. The following members were present in the meeting:

1. Prof. Avinash Khare(HOD-Chair)
2. Prof. S. Annapoorni
3. Prof. K. Sreenivas
4. Prof. Vinay Gupta
5. Prof. A.G. Vedeshwar
6. Prof. P.D. Sahare
7. Prof. Binay Kumar
8. Prof. Poonam Silotia
9. Prof. Nivedita Deo
10. Prof. Amita Chandra
11. Prof. S.A. Hashmi
12. Prof. Kirti Ranjan
13. Prof. S. Murugavel
14. Dr. Suresh Kumar

1. Committee approved the minutes of previous meeting of CoC dated 24 May 2018.
2. The committee discussed the report of the time table committee held on 15.06.2018 and decided that since there are potential issues with the teachability of Model B, the time table committee be requested to revisit the issue and also explore other models. In the meantime, because of paucity of time, the committees for drafting and revising syllabi for M.Sc. Physics were formed and approved by CoC.
3. The comments of external expert for structure of Model B were tabled and discussed. (Annexure I)

The meeting ended with vote of thanks for chair.

  
Head of the Department

विभागाध्यक्ष / Head

भौतिकी और खगोलभौतिकी विभाग  
Department of Physics & Astrophysics  
दिल्ली विश्वविद्यालय, दिल्ली-110007  
University of Delhi, Delhi-110007

Annexure I

Ajoy Ghatak

Jun 16 (13 days ago)

to me

**Avinash:**

I went through the structure of the MSc courses in the first two semesters; they are quite standard. I was happy to see that the students have (in addition to the lab) 10 lectures + 4 tutorials per week; the load is actually quite good .. we at IITD used to have much higher load for students which, in my opinion, is not very good. I also saw the detailed syllabus in the net (2009-10) .. they are quite standard.

What I am very concerned about is the fact that there have been so many students who have failed in the first year of their MSc program particularly when you must be taking students who have got very high percentage of marks in their BSc. Maybe the amount of coverage (in each course) is too high .. this could be true because students who have done BSc Hons from a good college in DU may have read many of the topics.

I will talk to you

very best wishes

R Ramaswamy

Jun 16 (13 days ago)

to me

Dear Avinash,

I have had a look at the draft structure of the MSc Physics at DU. My comments are as follows.

1. 20 credits per semester is too much. I would suggest fewer so that students can have a little time to do tutorials and the like. UGC requires 64 credits in all, so 16 credits per semester should be enough. Incidentally, at JNU we would call a 3+1+0 structure 3 credits, not 4.
2. A full 4 credit course in Electronics is too much, especially when Mathematical physics is a two credit course. It would be much better if the Electronics course were largely laboratory based, with the lecture dovetailing into the lab, say with a 1+1+4 structure.
3. Two 2 credit courses of Math physics is too little, even for future experimentalists. At least in Semester 1, it should be a 3+1+0, and in Semester 2 it could be 2+1+0 if you want.

4. I would drop the "Computer Lab" in Semester 1 in favour of electronics, and convert the Second semester computer lab to a proper 4 credit course in Computational Physics.

5. Whether in the second or the third semester, a course in Computational Physics is really necessary. Other possible courses are QFT, GTR as options, given your strengths. Also Nonlinear Science could be an option in I3.

I know there are local constraints and compulsions, but the above came to my mind immediately.

Regards,

Ram

=====  
Ramakrishna Ramaswamy  
Jawaharlal Nehru University, New Delhi 110 067.  
E: [ramaswamy@jnu.ac.in](mailto:ramaswamy@jnu.ac.in), [r.ramaswamy@gmail.com](mailto:r.ramaswamy@gmail.com)  
W: [nldsps.jnu.ac.in](http://nldsps.jnu.ac.in) B: [ramramaswamy.wordpress.com](http://ramramaswamy.wordpress.com)  
B: [hcurocks.wordpress.com](http://hcurocks.wordpress.com) C: +91-7893093737  
T: +91-11-26738964

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Avinash Khare <[khareavinash82@gmail.com](mailto:khareavinash82@gmail.com)>

Jun 16 (13 days ago)

to R

Thanks a lot for your comments.

R Ramaswamy

---

Jun 16 (13 days ago)

to me

Dear Avinash,

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Regards,

Ram

=====

Ramakrishna Ramaswamy

Jawaharlal Nehru University, New Delhi 110 067.

E: [ramaswamy@jnu.ac.in](mailto:ramaswamy@jnu.ac.in), [r.ramaswamy@gmail.com](mailto:r.ramaswamy@gmail.com)

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B: [hcurocks.wordpress.com](http://hcurocks.wordpress.com) C: +91-7893093737

T:+91-11-26738964

Avinash Khare <[khareavinash82@gmail.com](mailto:khareavinash82@gmail.com)>

Jun 16 (13 days ago)

to R

Thanks a lot for your comments.

## Minutes of COC

Date: 23 May 2019

A meeting of Committee of Courses was held on Thursday, 23 May 2019 at 12 noon in the Committee room of the Department.

**Members present:** Prof. Veena Kukreja, Dr. Rajesh Dev, Dr. Bipin Kumar Tiwary, Dr. Talim Akhtar, Dr. Jyoti Trehan Sharma, Dr. Shubhendu Ranjan Raj, Dr. Biswajit Mohanty, Dr. Rajesh Kumar.

**Special Invitees present:** Prof. Ujjwal Kumar Singh, Prof. N. Sukumar, Prof. Shri Prakash Singh, Dr. Sohini Guha, Mr. Abhishek Choudhary, Ms. Akanksha Kapoor.

**Apologies:** Prof. Rekha Saxena, Dr. Shailza Singh, Prof. Madhulika Banerjee, Prof. Ashok Acharya, Dr. Nasreen Chowdhory, Prof. Sangit K Ragi, Prof. Sanjeev Kumar HM.

1. The minutes of previous meeting was confirmed.
2. For BA (Prog.), AEEC (Skill based) paper titled “Democratic Awareness Through Legal Literacy” has been replaced by “Your Laws, Your Rights” [existing AEEC (Skill based) paper under BA Honours Political Science]
3. For BA (Hons.), Papers “Indian Political Thought - II”, “Understanding Ambedkar”, and “Gandhi and the Contemporary World” have reverted to the old syllabus. Reading list needs to be updated.
4. For BA, New GE paper on Indian Politics presented.
5. For BA, New GE paper on Political Ideas proposed.
6. For MA, changes as discussed in the DC meeting were tabled and agreed upon.
  - a. There will be 6 core papers instead of 12.
  - b. Total number of credits will be 80.
  - c. The following are the 6 core papers:
    - i. PS-C 101 Debates in Political Theory
    - ii. PS-C 102 Theories of International Relations
    - iii. PS-C 103 Politics in India
    - iv. PS-C 104 Themes in Indian Political Thought
    - v. PS-C 201 Comparative Political Analysis
    - vi. PS-C 202 Administrative Theory
  - d. The following 3 core papers will be offered as electives with slight modification in course content:
    - i. PS-E 69 International Political Economy
    - ii. PS-E 70 Key Texts in Political Philosophy
    - iii. PS-E 71 Public Policy
  - e. Number of electives to be offered increased from 3 to 8. 4 electives will be offered in each semester III and semester IV.
  - f. Two open electives will be offered.

- g. Credits for all core papers and all elective papers will be 5.  
h. Credits for open electives will be 4.  
i. Open electives would not be offered to the students of the Department of Political Science.  
j. A new arrangement for skill based compulsory course for 2 credits has been made:  
All students must complete an additional assignment for 2 credits in Semester IV. The nature of the assignment will be determined by the Department of Political Science (term paper/ annotated bibliographical essay/ book review/ field work/ seminar presentations or any other arrangement deemed fit) from one of the six sub-disciplines: Political Theory, Indian Political Thought, Indian Politics, Public Administration, Comparative Politics and International Relations.  
k. Detailed structure for the new Skill Based Compulsory Course was approved.  
l. The new course structure reads as follows:

Semester	Core Courses			Elective Courses			Skill Based Compulsory Course			Open Elective Courses			Total Credits
	No. of papers	Credits (L+T/P)	Total Credits	No. of papers	Credits (L+T/P)	Total Credits	No. of papers	Credits (L+T/P)	Total Credits	No. of papers	Credits (L+T/P)	Total Credits	
I	4	5	20										20
II	2	5	10							2	4	8	18
III				4	5	20							20
IV				4	5	20	1	2	2				22
<b>Total Credits for the Course</b>													<b>80</b>



Prof. Veena Kukreja  
Head  
Department of Political Science

विभागाध्यक्ष / Head  
राजनीति विज्ञान विभाग

Department of Political Science  
दिल्ली विश्वविद्यालय / University of Delhi  
दिल्ली- 110007 / Delhi- 110007

**DEPARTMENT OF OPERATIONAL RESEARCH  
UNIVERSITY OF DELHI  
DELHI-110 007.  
MINUTES**

April 23, 2018

A meeting of the Departmental Council in the Department of Operational Research was held on **Friday, April 20, 2018 at 4.30 P.M.** in Room No. 201, II<sup>nd</sup> Floor, New Academic Block, University of Delhi, Delhi-110007. The following members were present:

1. Prof. Prakash C. Jha (**Chairman**)
2. Prof. Chandra K. Jaggi
3. Prof. Pankaj Gupta
4. Prof. Preeti Wanti Srivastava
5. Prof. K. K. Aggarwal
6. Prof. Anu Gupta Aggarwal
7. Dr. Ompal Singh
8. Dr. Vandana Khaitan
9. Dr. Aditi Khanna
10. Mr. Kaushal Kumar
11. Dr. Mukesh Kumar Mehlawat
12. Dr. Adarsh Anand

1. The minutes of the last meeting were confirmed.
2. The proposal of renaming the course as Master of Operational Research (MOR) in both the campuses in lieu of M.Sc. Operational Research in North Campus and M. A. /M.Sc. Applied Operational Research in South Campus was discussed and approved.
3. The Syllabi Revision for Master of Operational Research for both the campuses was discussed at length and a sub-committees were formed (**list attached**) to prepare the details of syllabus of different papers.
4. The meeting came to an end with a vote of thanks to the Chair.

  
(Prakash C. Jha)  
Professor & Head

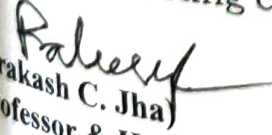
DEPARTMENT OF OPERATIONAL RESEARCH  
UNIVERSITY OF DELHI,  
DELHI-110 007.  
MINUTES

May 11, 2018

A meeting of the Departmental Council in the Department of Operational Research was held on Friday, May 11, 2018 at 3.00 P.M. in Room No. 201, II<sup>nd</sup> Floor, New Academic Block, University of Delhi, Delhi-110007. The following members were present:

1. Prof. Prakash C. Jha (Chairman)
2. Prof. Chandra K. Jaggi
3. Prof. Pankaj Gupta
4. Prof. Preeti Wanti Srivastava
5. Prof. K. K. Aggarwal
6. Prof. Anu Gupta Aggarwal
7. Dr. Ompal Singh
8. Dr. Vandana Khaitan
9. Dr. Aditi Khanna
10. Mr. Kaushal Kumar
11. Dr. Mukesh Kumar Mehlawat
12. Dr. Adarsh Anand

1. The minutes of the last meeting were confirmed.
2. The structure and the title of the papers for Master of Operational Research (MOR) in both the campuses for Choice Based Credit System (CBCS) Examinations was discussed and approved. **(Separate sheet attached).**
3. Under any other matter, letter received from Dr. Ompal Singh for holding the "9<sup>th</sup> International Conference on Quality Reliability and Information Technology (ICQRIT'2018)" tentatively scheduled to be held during December 27-29, 2018 conducted by Society for Reliability Engineering, Quality and Operations Management (SREQOM) was discussed and approved.
4. The meeting came to an end with a vote of thanks to the Chair.

  
(Prakash C. Jha)  
Professor & Head



संदर्भसंख्या/Ref.No./FMS/D-१७५

दिनांक/Date: 06.08.2019

### MINUTES

A meeting of the Teachers of the Faculty of Management Studies was held on 05th August, 2019 at 04:00 P.M. in the Committee Room of Dean's Office to discuss the implementation of revised syllabus from academic session 2019-20.

The following members were present.

1. Prof. Sunita Singh Sengupta, Dean-FMS - In the Chair
2. Prof. Vivek Suneja
3. Prof. Tanuja Agarwala
4. Prof. Debadyuti Das
5. Prof. Monica Singhanian
6. Prof. Amit Kumar Bardhan
7. Dr. Garima Gupta
8. Dr. Anjala Kalsie
9. Dr. Soma Dey

Prof. Madhu Vij, Prof. Sunil Sharma, Prof. A. Venkat Raman, Prof. Mala Sinha, Dr. Anupama Vohra, Mr. Narain and Dr. Mahima Thakur communicated their inability to attend the meeting.

At the outset, Prof. Sunita Singh Sengupta, Dean, FMS welcomed the members, thereafter the discussion started regarding implementation of revised syllabus for the academic session w.e.f 2019.

1. All the Faculty unanimously was of opinion that the implementation of revised syllabus of all the courses may be adopted w.e.f academic session 2020.
2. Under any other item, the issue of hiring visiting/guest faculty under the newly constituted guidelines issued by the University of Delhi the Faculty recommended that the University authorities may be requested to accord the approval of hiring the guest faculties for second and fourth semester of this year academic session.

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

*Sunita Singh Sengupta*  
(Prof. Sunita Singh Sengupta)  
Dean - FMS



**UNIVERSITY OF DELHI**  
**DEPARTMENT OF ZOOLOGY**  
**DELHI- 110 007 INDIA**

प्राणी विज्ञान विभाग / Department of Zoology  
दिल्ली विश्वविद्यालय / University of Delhi  
दिल्ली-110007 / Delhi-110007  
प्रेषण नंबर / Despatch Number 883  
दिनांक / Date 5/9/18 समय / Time 11:35  
लघु हस्ताक्षर / Initial [Signature]

Prof Madan Mohan Chaturvedi, FNASc  
Head of the Department

4<sup>th</sup> September 2018

The Pro Vice Chancellor  
Chairperson, Standing Committee of the Academic Council  
University of Delhi  
Delhi - 110007

**Subject: Modification of M.Sc. Zoology Course under CBCS program based on 'Standing Committee' recommendations**

Dear Sir,  
Based on the Standing Committee's recommendations following changes were made in the proposed syllabus for M.Sc. Zoology under CBCS program:

Sl. No.	Standing Committee's recommendation	Response	Page no.
1.	Open Elective Course should be of 4 Credit	Complied.	7
		Eligibility conditions for allotting Open elective course defined	13
2.	Practicals to be incorporated in the Elective Courses in 3 <sup>rd</sup> Semester	Complied. Practicals in each elective papers (3 <sup>rd</sup> Semester)	44,46,48,50, 52 & 54
3.	Practicals to be pooled in the Core Papers in 1 <sup>st</sup> and 2 <sup>nd</sup> Semesters and in different streams 4 <sup>th</sup> Semester elective papers	Complied. Practicals are pooled in both core courses in 1 <sup>st</sup> and 2 <sup>nd</sup> semesters and in elective courses (stream wise) in 4 <sup>th</sup> semester	
		MS ZOOLC-105P: Core Practicals 1 (1 <sup>st</sup> Semester)	25-26
		MS ZOOLC-205P: Core Practicals 2 (2 <sup>nd</sup> Semester)	35-36
		MS ZOOLE-4105P: Practicals in Entomology (4 <sup>th</sup> Semester; Stream 1)	67-68
		MS ZOOLE-4205P: Practicals in Fish Biology (4 <sup>th</sup> Semester; Stream 2)	74-75
		MS ZOOLE-4305P: Practicals in Genome and Evolution (4 <sup>th</sup> Semester; Stream 3)	82
		MS ZOOLE-4405P: Practicals in Molecular Endocrinology and Reproduction (4 <sup>th</sup> Semester; Stream 4)	91-92
4.		Corresponding changes in course wise credit.	7, 8-11

The above mention modifications were ratified by the 'Courses Committee (PG)' of the Department of Zoology on 27<sup>th</sup> August 2018, and were also reported in meeting of the Faculty of Science on 28<sup>th</sup> August 2018.

Please acknowledge the receipt.

Thanks and best wishes

(Head of the Department) / Head  
प्राणी विज्ञान विभाग / Department of Zoology  
दिल्ली विश्वविद्यालय / University of Delhi  
दिल्ली-110007 / Delhi-110007

Dean (Science) / for forwarding signature

Laboratory for Chromatin Biology, University of Delhi, Delhi - 110007, INDIA  
Email: mchaturvedi@zoology.du.ac.in; madan.chaturvedi@gmail.com; head@zoology.du.ac.in; Tel: +91-11-27667443 (Office); +91-11-27666051 (lab.) http://http://people.du.ac.in/~mmchaturvedi/

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**DEPARTMENT OF ZOOLOGY**  
**UNIVERSITY OF DELHI**  
 DELHI-110 007 INDIA

Dated: 09/07/2018

Minutes

A joint meeting of Staff Council and Course Committee for Under-Graduate, Post Graduate and Research Studies was held on 5<sup>th</sup> July, 2018 at 11.30 A.M.

**Following members attended the meeting:**

- |     |                           |                                     |
|-----|---------------------------|-------------------------------------|
| 1.  | Prof. M.M. Chaturvedi     | (Head of the Department & Chairman) |
| 2.  | Prof. Rina Chakrabarti    | Member                              |
| 3.  | Prof. Vinod Kumar         | -do-                                |
| 4.  | Prof. R.K. Seth           | -do-                                |
| 5.  | Prof. Shibnath Mazumder   | -do-                                |
| 6.  | Prof. Anju Shrivastava    | -do-                                |
| 7.  | Prof. Sharmila Basu Modak | -do-                                |
| 8.  | Prof. Yogendra Singh      | -do-                                |
| 9.  | Prof. Alok C. Bharti      | -do-                                |
| 10. | Dr. R.K. Negi             | -do-                                |
| 11. | Dr. Indrakant K. Singh    | -do- (Desh Bandhu College)          |
| 12. | Dr. Vandana Kumari Singh  | -do- (Hans Raj College)             |
| 13. | Dr. Shilpa Bharti         | -do- (Maitreyi College)             |

**Following resolutions were passed:-**

- The M. Sc. Zoology draft syllabus under CBCS scheme was in principle approved by the Courses Committee. It was resolved that the suggestions of the experts and the feedback of the students would be incorporated into the syllabus by the colleagues teaching the course after taking into account the operational logistics of running the course. After this the syllabus would be finalized by the Head of the Department and submitted to the Dean, Faculty of Science by 9<sup>th</sup> July 2018.
- The Head apprised the colleagues that the department should be prepared before commencement of the next academic session for weekwise and unitwise teaching resources and assessment. This will be applicable for the students taking admission from 2018 onwards.

\_\_\_\_\_  
 (Prof. M.M. Chaturvedi)

Rina Chakrabarti  
 (Prof. Rina Chakrabarti)

R.K. Seth  
 (Prof. R.K. Seth)

Alok C. Bharti  
 (Prof. Alok C. Bharti)

Anju Shrivastava

Shibnath Mazumder  
 (Prof. Shibnath Mazumder)

R.K. Negi

Prof. Sharmila Basu Modak

Prof. Yogendra Singh



DEPARTMENT OF ZOOLOGY  
UNIVERSITY OF DELHI  
DELHI-110 007 INDIA

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

Prof. M. M. Chaturvedi  
(Head of the Department & Chairman)

Prof. Rina Chakrabarti  
(Member)

Prof. Vinod Kumar  
(Member)

Prof. R. K. Seth  
(Member)

Prof. Shibrath Mazumder  
(Member)

Prof. Anju Shrivastava  
(Member)

Prof. Sharmila Basu Modak  
(Member)

Prof. Yogendra Singh  
(Member)

Prof. Alok C. Bharti  
(Member)

Dr. R. K. Negi  
(Member)

Dr. Indrakant K. Singh  
(Member)

Dr. Vandana Kumari Singh  
(Member)

Dr. Shilpa Bharti  
(Member)

**DEPARTMENT OF ZOOLOGY**  
**University of Delhi**

Urgent meeting of the Staff Council held on 16.05.18

An Urgent meeting of the Staff Council was held on Wednesday, 16<sup>th</sup> May at 2:30 pm in the Committee room of the department to decide the titles of the papers of the Zoology PG course under CBCS.

Dr. R. K. Negi communicated his inability to attend the meeting due to a prior appointment.

The credits in the Zoology PG course framework were re-visited to clear the confusion about the practicals. The revised framework is shown below:

Semester	Core Courses				Elective Course				Open Elective Course			Total Credits
	No. of papers	Credits		Total Credits	No. of papers	Credits		Total Credits	No. of papers	Credits	Total Credits	
		T	P			T	P					
I	4T+4P	16	8	24	0	0	0	0	0	0	0	24
II	4T+4P	16	8	24	0	0	0	0	0	0	0	24
III	2T+2P	8	4	12	2T*	8	0	8	1T	2	2	22
IV	0	0	0	0	4T*+4P	16	8	24	0	0	0	24
Total Credits for the Course				<b>60</b>				<b>32</b>			<b>2</b>	<b>94</b>

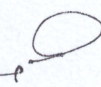
**Semester III - 2T\*:** Six elective courses will be offered as two groups having three courses per group. Any two elective courses (one from each group) would be chosen by the students.

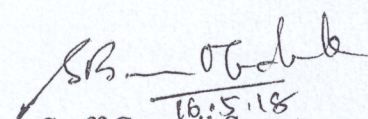
**Semester IV - 4T\*:** Four streams will be offered with four courses each.

The following resolutions were made:

- The titles of the courses in semesters I to III would be the same as in the current syllabus.
- The 'Open Elective' course in semester III would be entitled 'Behaviour of Social Animals'.
- The practicals in semesters I and II would be pooled to remove repetitions and would be conducted in appropriate batches.
- A fourth theory course was required in each stream in the fourth semester to replace the dissertation. The Convenors of the respective streams were requested to consult colleagues and give the title of the fourth paper the following day.

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

  
 \_\_\_\_\_  
 Chairperson

  
 \_\_\_\_\_  
 16.5.18  
 Staff Council Secretary



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UNIVERSITY OF DELHI SOUTH CAMPUS

**FACULTY OF INTER- DISCIPLINARY AND APPLIED SCIENCES**  
**UNIVERSITY OF DELHI SOUTH CAMPUS**

A meeting of Faculty of Inter-Disciplinary and Applied Sciences (FIAS) was held on 3<sup>rd</sup> July 2018 at 02:30 p.m. in Room No. 115, Arts Faculty Building, South Campus.

The following members were present:

1. Prof. P.K. Burma (Chairperson)
2. Prof. Paramjit Khurana
3. Prof. Akhilesh Tyagi
4. Prof. Anil Grover
5. Prof. Indranil Dasgupta
6. Dr. Surekha Katiyar Agarwal
7. Dr. Saurabh Raghuvanshi
8. Prof. Avinashi Kapoor
9. Prof. Enakshi Sharma
10. Prof. Mridula Gupta
11. Dr. Kamlesh Patel
12. Prof. Suman Kundu
13. Prof. Alo Nag
14. Dr. Amita Gupta
15. Prof. Rani Gupta
16. Prof. J.S. Virdi
17. Prof. Swati Saha
18. Dr. Rajeev Kaul
19. Prof. Subhendu Ghosh
20. Dr. (Ms.) Manisha Goel
21. Dr. Sandeep Tiwari
22. Dr. Manoj Saxena
23. Dr. (Ms.) Manju Pruthi
24. Dr. Ravneet Kaur
25. Dr. Ashima Vohra
26. Dr. Anita Sondhi
27. Dr. Manish Kumar (Special Invitee)
28. Dr. Sanjeev Singh (Special Invitee)

The following members expressed their inability to attend the meeting due to prior commitments:

1. Prof. Sanjay Kapoor
2. Prof. Girdhar K. Pandey
3. Prof. Arun Kumar Sharma
4. Prof. M.V. Rajam
5. Prof. A.K. Pradhan
6. Prof. B.K. Thelma
7. Dr. Kaustuv Dutta
8. Prof. V.K. Chaudhary
9. Dr. Garima Khare
10. Mrs. Manjeet Madan
11. Dr. Natasha
12. Ms. Neelam Pahwa
13. Dr. Vinod Kr. Sharma
14. Ms. Preeti Singhal
15. Dr. Shashi Chawla

16. Dr. Kusum Rani Gupta
17. Dr. (Ms.) Renu Dutt
18. Dr. Rajni Jain
19. Dr. (Ms.) K. Nirmala
20. Dr. Sunita Singh

At the outset chairperson welcomed the members.

**1. Confirmation of the minutes of the last meeting**

The minutes of the last meeting of the Faculty held on 29th May 2017 that were circulated to the members earlier were passed unanimously since there was no feedback received from any of the members.

**2. Revision of M.Sc. syllabus to meet the requirements of Choice Based Credit System.**

The revised syllabus from the Departments of

- a. Biochemistry
  - b. Genetics
  - c. Plant Molecular Biology
  - d. Microbiology
  - e. Electronic Science
- and
- f. Institute of Informatics and Communication

duly recommended by the Committee of Courses of the respective departments were presented before the Faculty.

- (i) The Department of Biochemistry proposed to rename their existing M.Sc. Biochemistry program to M.Sc. Biochemistry & Biotechnology. After discussions, the proposed renaming of the course was approved.
- (ii) The revised syllabus for  
M.Sc. Biochemistry & Biotechnology  
M.Sc. Genetics  
M.Sc. Plant Molecular Biology & Biotechnology  
M.Sc. Microbiology  
M.Sc. Electronics  
M.Sc. Informatics

were discussed. Minor changes and corrections were proposed by the members.

The members approved the revised syllabus in principle and Heads were asked to incorporate the suggested changes.

**3. Proposal to start a course in M.Sc. Biophysics:**

The proposal duly recommended by the committee of courses of the Department of Biophysics was placed and discussed in the meeting. Minor changes were suggested and the Head of the department was asked to incorporate the same. The faculty was also informed that the department would admit six students each year, which was also agreed to.





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UNIVERSITY OF DELHI SOUTH CAMPUS

Faculty of Interdisciplinary and Applied Sciences

Meetings to discuss restructuring and revision of M.Sc. courses

The Head and/or their representatives of the following departments of FIAS:

- i. Department of Biochemistry
- ii. Department of Biophysics
- iii. Department of Genetics
- iv. Department of Microbiology
- v. Department of Plant Molecular Biology
- vi. Department of Electronic Sciences
- vii. Institute of Informatics and Communication

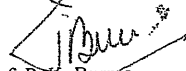
met on 28<sup>th</sup> March 2018 and 3<sup>rd</sup> April 2018 to discuss the proposed changes in structure of the M.Sc. courses to meet the requirements of Choice Based Credit System.

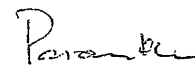
The Head, Department of Physical Education and Sports Sciences informed the Dean, FIAS that their requirements for M.P.Ed was different from the other departments and would need more discussions with their faculty before recommending a proposed structure.


Following discussion of the 'Guidelines for Revision and Restructuring of Post-Graduate Courses' sent by the DR Academic, on 28<sup>th</sup> March 2018 and consultations with the members of the department by the respective heads, the following recommendations were made in the meeting of 3<sup>rd</sup> April 2018:


1. The minimum credits needed to obtain a M.Sc. degree in the above mentioned departments under FIAS would be 96.
2. Courses of 24 credits will be offered in each semester.
3. Core courses will have 4 credits of theory classes.
4. Practical could be part of core course as in (3) in which case the credit of the core course will be more than 4 depending upon the credit assigned to the practical component OR practical may be placed as an independent core paper with appropriate credits.
5. Each course will offer a minimum of 2 elective papers (discipline specific) in any semester of their choice. Each elective paper will be of 4 credits.
6. Each department will offer 1 open elective paper of 2 credits in even semester (II or IV).

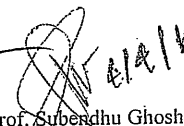
The members were informed that an outline template based on the above recommendation would have to be submitted immediately. This proposed structure and changes in the syllabus should then be discussed with stakeholders following which a more detailed template as per the guidelines received should be submitted latest by 14<sup>th</sup> April 2018.

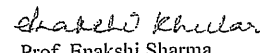
  
Prof. P. K. Burma  
Head, Genetics  
Dean, FIAS

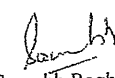
  
Prof. Paramjit Khurana  
Head, Plant Molecular Biology

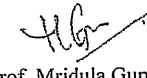
  
Prof. Rani Gupta  
Head, Microbiology

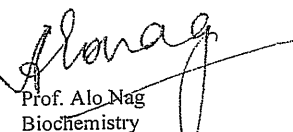
  
Prof. Suman Kundu  
Head, Biochemistry

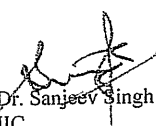
  
Prof. Subendhu Ghosh  
Head, Biophysics

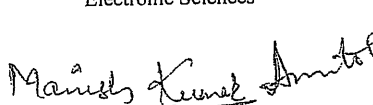
  
Prof. Enakshi Sharma  
Electronic Sciences

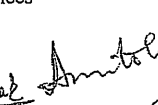
  
Prof. Saurabh Raghuvashi  
Plant Molecular Biology

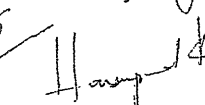
  
Prof. Mridula Gupta  
Electronic Sciences

  
Prof. Alo Nag  
Biochemistry

  
Dr. Sanjeev Singh  
IIC

  
Dr. Manish Kumar  
Biophysics

  
Dr. Amita Gupta  
Biochemistry

  
Dr. Harsurpreet Kaur  
Electronic Sciences




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UNIVERSITY OF DELHI SOUTH CAMPUS

**4. Revision of undergraduate syllabus**

- i. The proposal by the Department of Electronic Science for changes in the syllabus for B.Sc. (Honours) Instrumentation was placed before the faculty. The changes duly recommended by the Committee of Courses were discussed and some minor corrections suggested. The proposed changes were approved by the Faculty.
- ii. The proposal by the Department of Physical Education and Sport Sciences to revise the existing papers and syllabus of Physical & Health Education in BA Program, duly recommended by the Committee of Courses was presented and discussed. At the onset the members were informed that the existing program was under the FIAS as per resolutions of the Academic and Executive Councils.  
  
The proposal involved restructuring of existing core course, DSE introducing skill enhancement course in III and IV semester & GE papers on Physical Education. This was discussed and approved by the Faculty.
- iii. The proposal by the Department of Physical Education and Sport Sciences to introduce four new papers in Generic Electives in Honors courses (B.A./B.Com/B.Sc) in place of existing DSC papers of Physical Education taught as GE, was discussed and approved by the Faculty.

The members authorized the Chairperson to approve the minor changes and corrections suggested in the meeting and forward the recommendations of the Faculty to the University for necessary approval.

The meeting ended with the vote of thanks to the Chair.

  
Pradeep Kumar Burma 6/7/18  
Chairperson