

Date : 04 /12 /2018

From

Head of the Department
Department of Psychology
Union Christian College, Aluva

To

Expert Committee Members in Psychology
Mahatma Gandhi University
Kottayam

Subject: Suggestions regarding revisions to PG Psychology Syllabus

Ma'am,

This is to place our suggestion regarding PG Psychology Syllabus revision

Following are the suggestions from the Department of Psychology, Union Christian College, Aluva

1. PG First semester 'Positive psychology' course should be shifted to 2nd semester and 'Psychopathology' course from 2nd semester should be shifted to first semester, since Psychopathology is more required as a fundamental course in the first semester itself.
2. Addition of credits should be given separately for attending seminars and workshops, publication of articles in journals, completing MOOC, SWAYAM, NPTEL, Coursera or recognised courses, engaging extension activities, taking classes etc. for the public.

These suggestions are being placed based on the feedbacks collected from teachers.

Thanking you

Yours sincerely



Dr. Seena M. Mathai
Head of the Department
Head of the Department
Department of Psychology
Union Christian College
Aluva - 688 012



Received
SA
For Expert Committee
8/12/2018

Date : 10/12/2018

From

Head of the Department
Department of Malayalam
Union Christian College, Aluva

To

The Chairperson
Board of Studies in Malayalam
Mahatma Gandhi University
Kottayam

Subject: Suggestions regarding revisions to PG Malayalam Syllabus

Ma'am,

This is to place our suggestion regarding inclusion of three areas of study to the existing PG Malayalam Syllabus. The suggested areas are:

1. Dalit Literature / Aesthetics (ദളിത് വാദം)
2. Environmental Consciousness (പരിസ്ഥിതി വാദം)
3. Research Methodology (ഗവേഷണ രീതി ശാസ്ത്രം)

We feel that the above mentioned areas have contemporary relevance and will benefit our students. We request you to kindly consider the request favourably.

Thanking you

Warm regards



Head of the Department

Head of the Department
Department of Malayalam
Union Christian College,
Aluva, Pin-686 56



Received
Munthayyan



UNION CHRISTIAN COLLEGE

(Affiliated to Mahatma Gandhi University, Kottayam)

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From,

21/12/2018

Shyam Mohan, HOD Biosciences Department

Union Christian College, Aluva

Member of Expert Committee

To,

The Chairman,

Board of Studies of Biotechnology and Bioinformatics

PGCSS Syllabus Revision

Respected Madam

Based on the discussions we had at the university on The Workshop conducted at M. G. University in December 2018, we had a discussion in our Staff Meeting regarding the inclusion of Recombinant DNA technology. The teachers in Microbiology are of the view that r DNA technology be included as a sub module in the Second Semester Microbiology paper of M.Sc. Bioinformatics.

So I on behalf of the Expert Committee and Board of Studies request and recommend the suggestion from our Biosciences department to the Board to make an appropriate decision this matter.

Thanking You

SHYAM MOHAN

SHYAM MOHAN
HOD, BIOSCIENCES DEPARTMENT
UNION CHRISTIAN COLLEGE, ALUVA



Date : 1 /01/2019

From

Head of the Department
Department of Mathematics
Union Christian College, Aluva

To

Board of Studies in Mathematics
Mahatma Gandhi University
Kottayam

Subject: Suggestions for PG Syllabus revision

Respected Sir,

This is regarding suggestions for PG syllabus revision

After discussions with the faculty members of Mathematics Department, Union Christian College, Aluva, the following suggestions are being recommended to be incorporated in the syllabus revision.

Suggestions in Semester 1 Courses:

I have been teaching Measure theory and Integration (PC3 MT01C03) since the introduction of CSS system in PG courses. So first I would like to give some suggestions on that paper first.

PC 3 MT01C03 MEASURE THEORY AND INTEGRATION.

1. The syllabus of the course Measure Theory and integration seems to be little bit lengthy when compared to Measure Theory courses in other universities especially University of Calicut. So a reduction in syllabus along with a change in text may be considered.
2. The textbook may be changed to "Real Analysis" by H.L Royden and P.M. Fitzpatrick, Fourth Edition. This text is currently available in the market and seems to be little more simple to follow than the current prescribed book by Royden. Many exercise problems and proofs that are left to reader in the current text is solved in this book. In fact the University of Calicut is going to adopt this as the prescribed text in their upcoming PG syllabus.
3. If that text is used, the following sections may be included in the syllabus.

Module 1 : Chapter 2, Sections 2.1 to 2.6

Module 2: Chapter 3 & Chapter 4, Sections 4.1 to 4.4, Chapter 5, Sections 5.1 & 5.2

Module 3: Chapter 17, Sections 17.1 to 17.3, Chapter 18, Section 18.1

Module 4: Chapter 18, Sections 18.2 to 18.4, Chapter 20, Section 20.1

4. Since in convergences in measure theory, we usually refer to sequences & series of functions, which is currently studied in second semester, the Real Analysis paper currently in the second semester may be shifted to first semester and Measure Theory may be shifted to second semester.

Now after discussion with my colleagues, we have certain suggestions regarding the courses "Abstract Algebra", taught in the second semester and " Number Theory and Cryptography" taught in the third semester.

4. Since in convergences in measure theory, we usually refer to sequences & series of functions, which is currently studied in second semester, the Real Analysis paper currently in the second semester may be shifted to first semester and Measure Theory may be shifted to second semester.

Now after discussion with my colleagues, we have certain suggestions regarding the courses "Abstract Algebra", taught in the second semester and "Number Theory and Cryptography" taught in the third semester.

Suggestions in Semester 2 Courses:

PC 6 MT02C05 ABSTRACT ALGEBRA

Text Book: John B. Fraleigh, A First Course in Abstract Algebra, 7th edition, Pearson Education.

Herewith recommending the following suggestions:

- 1) In Module I, it is desirable to include Part III-Section 16 and Part V- Section 27 (27.21 - 27.27) as they are prerequisites for Part VII –Sections 36 & 37 and Part VI – Sections 29, 31 (31.1 - 31.18), 33 respectively.
- 2) In Module II, Part VI – Section 32 could be excluded
- 3) In Module III, it is desirable to include Part X – Section 49 (49.6 to 49.11) as they are prerequisites for Part X – Sections 50, 51 (51.1 – 51.10, 51.15), 53 (53.1 to 53.6)
- 4) In Module IV, Part X – Section 51 (51.11 – 51.14, 51.16) could be excluded

Accordingly, the revised syllabus will be as the following:

Module 1:

Direct products and finitely generated Abelian groups, Group Action on a set, Rings of polynomials, Factorization of polynomials over a field, Prime and Maximal ideals

(Part II –Section 11 (Theorem 11.12 without proof), Part III-Section 16, Part IV – Sections 22 & 23, Part V- Section 27 (27.21 - 27.27))

Module 2:

Introduction to extension fields, Algebraic Extensions, Finite fields

(Part VI – Sections 29, 31 (31.1 - 31.18), 33)

Module 3: Sylow's theorems (without proof), Applications of the sylow theory, Automorphisms and fields, the isomorphism extension theorem (proof of the theorem excluded)

(Part VII –Sections 36 & 37, Part X – Sections 48 & 49 (49.1 to 49.11))

Module 4:

Splitting fields, Separable extensions, Galois Theory

(Part X – Sections 50, 51 (51.1 – 51.10, 51.15), 53 (53.1 to 53.6))

Exchange of papers in Semester 3 and Semester 4:

ANALYTIC NUMBER THEORY (PE 1 MT04E01) in Semester 4 could be included in semester 3 as core paper and **NUMBER THEORY AND CRYPTOGRAPHY PC 14 MT03C14) in Semester 3** could be included in Semester 4 as elective paper with the following changes.

PE 1 MT04E01 ANALYTIC NUMBER THEORY

Text: Tom M Apostol, Introduction to Analytic Number Theory, Springer International Student Edition, Narosa Publishing House

Module 1:

Arithmetic Functions and Dirichlet Multiplication

(Chapter 2 - sections 2.1 - 2.17)

Module 2:

Averages of Arithmetical functions

(Chapter 3 - sections 3.1 - 3.11)

Module 3:

Some Elementary Theorems on the Distribution of Prime Numbers

(Chapter 4 - sections 4.1 - 4.8)

Module 4:

Congruences, Primitive roots

(Chapter 5 - sections 5.1 - 5.8, Chapter 10 - sections 10.1 - 10.4)

PC 14 MT03C14 NUMBER THEORY AND CRYPTOGRAPHY

Text Book: Neal Koblitz, A Course in Number Theory and Cryptography, 2nd edition, Springer Verlag.

Herewith recommending the following suggestions:

- 1) Chapter 1 – Sections 1, 2 & 3 and Chapter II - Section 1 could be excluded, and Chapter I - Sections 2 & 3 and Chapter II - Section 1 and are to be denoted as prerequisites, as they will be already covered in the syllabus of Analytic Number Theory and algebra.
- 2) Chapter III - Sections 1 & 2 are to be included, as they are prerequisites for Chapter IV - Sections 1, 2 & 3; but not covered in the new B Sc syllabus.
- 3) Proposition V.2.2, Heuristic time estimate and implications of RSA could be excluded, as they are related to Chapter 1 – Section 1
- 4) Proposition V.1.7 and Chapter V – Section 5 could be excluded

Accordingly, the revised syllabus will be as the following:

Pre-requisites: Divisibility and the Euclidean algorithm, Congruences, Finite Fields

(Chapter I - Sections 2 & 3, Chapter II - Section 1)

Module 1:

Some applications to factoring, Quadratic Residues and reciprocity

(Chapter 1 – Section 4, Chapter II - Section 2)

Module 2:

Cryptography

(Chapter III - Sections 1 & 2)

Module 3:

Public Key

(Chapter IV - Sections 1, 2 & 3)

Module 4:

Primality and Factoring

(Chapter V - Sections 1 (Proposition V.1.7 is excluded), 2 (Proposition V.2.2 is excluded) & 3 (Heuristic time estimate and implications of RSA are excluded))

In additions to these changes, it is suggested by all the faculty members of department that, even though the syllabus is set for 90 hours, in a semester a maximum of 65-75 teaching hours are obtained including additional classes engaged by the faculty. So minor reductions in the syllabus will enable the faculty members to complete the syllabus in a more proper manner. Hope that the Board of studies will be considering our suggestions positively.

Thanking you

Warm regards


Eldo Varghese
Head of the Department

HEAD OF DEPARTMENT OF MATHEMATICS
UNION CHRISTIAN COLLEGE
ALUVA - 683 102

Dr. Manju M George
Head, Department of Botany
Union Christian College
Aluva, Ernakulam

04/01/2019

Dr. David Saj Mathew
Chairman, PG Board of Studies in Botany
Mahatma Gandhi University
Kottayam

Sir,

Sub - Suggestion for Syllabus revision and curriculum upgradation

We would like to have the following suggestions regarding the PG Syllabus revision

- a) The syllabus should be modified as per the modern trends in plant Sciences
- b) More focus should be given to inculcate scientific temper among students
- c) Topics related to Modern trends in Plant Biotechnology should be incorporated in Curriculum
- d) Topics must give more employability chances.
- e) Practical's to be modified with modern practical's and outdated practical's to be withdrawn.
- f) Courses in Industrial applications to be included.

With kind regards


Manju George

Received on 05/01/19.





Date : 24 / 01 / 2019

From

Head of the Department
Department of Zoology
Union Christian College, Aluva

To

Dr. Elizabeth V Mathew
Member, Board of Studies in Zoology
Mahatma Gandhi University
Kottayam

Subject: Request to suggest for changes in the M.Sc Zoology syllabus for the upcoming syllabus revision.

Ma'am,

This is to place our suggestions with regard to forthcoming M.Sc syllabus revision. These suggestions are being placed based on the feedbacks collected from teachers and students.

1. Syllabus should be updated to align with current requirements.
2. Practical syllabus should be upgraded to include advanced experimental methods and exclude outdated experiments
3. Syllabus has to be modified in par with the current trends in biological research by incorporating more weightage to courses such as research methodology, biostatistics, bioinformatics etc.

Kindly inform the board regarding the above suggestions during the syllabus revision.

Received,
Elizabeth V
25/1/19



Sincere regards

Shirley

Head of the Department
Dr. Shirley Thomas
Head of the Department of
Zoology
U. C. College, Aluva

Date : 16/02/2021

From

Head of the Department
Department of Psychology
Union Christian College, Aluva

To

Expert Committee Members in Psychology
Mahatma Gandhi University
Kottayam

Subject: Suggestion to change activity based assignment course from 2nd semester to 4th semester

Ma'am,

This is to give our humble suggestion to change the **Activity based assignment (PY010206)** which is currently given in the 2nd semester of M.Sc Psychology programme as per the 2019 PGCSS regulations to 4th semester. Since this course involves the continuous evaluation of students over the four semesters, it would be better if the course can be incorporated in the fourth semester. Kindly consider our suggestion and make necessary changes in the curriculum.

Thanking you

Warm regards


Head of the Department
Department of Psychology
Union Christian College,
Aluva



Received for expert
Committee
16/2/2021
Neelam Rungla