

The Chairperson

Department of Chemistry

H.P. University Shimla -5

Date: 25th September, 2017

Subject: Suggestions regarding improvement in Under Graduate and Post Graduate Classes new syllabus implemented from 2015- 16 onwards.

Through Principal

Respected Madam,

As per discussion in the staff meeting of Department of Chemistry, M.L.S.M College Sundernagar, regarding Under Graduate and Post Graduate Classes new syllabus implemented by H.P. University Shimla. I want to bring following suggestions/problems faced by the faculty for your kind consideration and implementation:

- ❖ The syllabus of BSc 1st sem. Chemistry is very vast and difficult to complete within stipulated period, i.e., three months. There must be either reduction in syllabus or enhancement in teaching hours from 4 to 6 per week.
- ❖ The basics of inorganic salt analysis should also be included in the practical work in BSc. 1st sem. This would help students to revive their school knowledge and also improved their practical skills in higher classes.
- ❖ Practicals related to spectroscopy should be included in the syllabus and digitally demonstrated as instrumentation cost is very high and not feasible at college level.
- ❖ The basis of some topics like supramolecular chemistry and pericyclic reactions should be introduced at under graduate level.
- ❖ Practical exams should be held at the end of each semester, unlikely the prevailing pattern where the practicals are held at the end of MSc. 1st year.
- ❖ The list of books recommended in theory and practical syllabus are insufficient to cope up with the demands of the students. Therefore list of books recommended should be updated.
- ❖ In 3rd sem, physical special course having electrochemistry i.e Debye Huckel concept only. It should include some basic concepts and laws of electrochemistry.

- ❖ In MSc. 4th semester inorganic spectroscopy course application part should be increased so that students can learn to apply their acquired knowledge.
- ❖ In MSc. 4th semester medicinal chemistry course, the syllabus contains study of a large number of drug molecules. It would have been better to study the basic chemistry of all categories of drugs than studying the pharmacokinetics, pharmacodynamics.
- ❖ M.Sc course being a solid base for higher programmes, i.e., M. Phil and Ph.D. So, in 4th sem some research work or industrial training with minimum two course work instead of four courses should be introduced.

The following staff members were present in the meeting with the head of Department, Dr (Mrs.) Jitendra Ghandhi in the chair:

Dr. C.P. Kaushal

Dr. Sudhir Sharma

Dr. Hem Suman Jamwal

Mr. Naresh Kumar

Dr. Rajni Malhotra

Dr. Sonika Sharma

Mrs. Vandana Sethi Mahajan

Dr. Vandana Sharma

Mr Vivek Sharma

Dr. Vandana Sharma

Mr Ashish Kumar

I request you to please consider the above sited suggestions and make needful changes in the syllabi.

Yours faithfully,

H.O.D. *dh*
25/09/17

Dr. Mrs. Jitendra Ghandhi

Dept. of Chemistry

M.L.S.M.College, Sundernagar

The Chairperson
Department of Chemistry
H.P. University Shimla -5

Date: 25th September, 2017

Subject: Suggestions regarding improvement in Under Graduate Classes new syllabus implemented from 2015- 16 onwards under CBCS (RUSA).

Through Principal

Respected Madam,

As per discussion in the staff meeting of Department of Chemistry, M.L.S.M College Sundernagar, regarding Under Graduate Classes new syllabus implemented by H.P. University Shimla. I want to bring following suggestions/problems faced by the students for your kind consideration and implementation.

- **BSc.I semester during July, 2015 to Nov., 2015: The course CHEM.(101 and 102)**
 - i. Syllabus is lengthier and not to be completed in one semester regular period of teaching.
 - ii. The syllabus is more theoretical and needs improvement.
 - iii. The practicals are time consuming and tedious needs to be concise, made easy and interesting by applying new techniques and methods.
 - iv. The syllabus should be framed in a competitive point of view.
- **BSc. II semester during Jan., 2016 to June.2016: Course CHEM 203,204)**
 - i. In inorganic chemistry the chapters including *s*, *p*, block elements should little subjective, more objective and informative, *d* and *f* block elements should also be introduced along with and nuclear chemistry should be included in higher semesters because of its difficult explanations.
 - ii. Syllabus is enough lengthier and it is not possible to complete it thoroughly in the prescribed time and in the syllabus of physical chemistry new topics should be added.
- **BSc. III sem. during July 2016 to Dec., 2016: Course (305, 306)**
 - i. The syllabus is long and hard especially in organic chemistry and the syllabus must contain industrially applicable contents. The syllabus must have competitive and the numerical problems related to important topics.

- ii. The syllabus of organic chemistry is wide and a few chapters should be removed from the syllabus. In physical chemistry there are so many derivations and numerical problems which are little bit complicated and it is difficult to remember all the derivations properly.
- **BSc. IV Sem., During Jan., 2017 to June, 2017.(CHEM- 407, 408, &409)**
 - i. The inorganic syllabus must include extractive metallurgy.
 - ii. The advanced topics like photochemistry should be introduced in syllabus.
 - iii. In organic chemistry there are many complicated reactions and mechanisms difficult to understand without the aid and the practicals are not according to the theory syllabus.
 - iv. The syllabus must have topics which will have industrial applications.
- **BSc. V Sem. During**
 - i. The basic spectroscopy in organic chemistry should be introduced in the previous semesters. The practicals of spectroscopy should be added in the syllabus to understand the theoretical concepts easily.
 - ii. The basic electrochemistry should be in the previous semester's syllabus.
 - iii. There is repetition of some topics in 4th and 5th semesters. The mass spectroscopy is difficult and advanced at this stage. The spectroscopy syllabus is difficult and lengthier.
- **BSc.VI semester during Jan 2016- June, 2017: Course (613,614)**
No comments were received.
- **B Sc. I semester during July to Dec 2017. Course (CHEMCC-101)-New RUSA (CBCS- 2016 onwards)**
 - i. The syllabus is very vast and disorganised according to the number of lectures provided and potential of students. The theory syllabus is repetition of previous classes and stereochemistry should be introduced in higher semesters.
 - ii. The syllabus must be divided into two core books or the number chapters per section may be reduced and the practicals are very basic and already performed in 10+2 standard; Salt analysis must also be introduced.
- **MSc. Chemistry I sem. August to Dec 2016.**
 - i. The students requested for the changes in the computer syllabus added in MSc. first semester, C++ and java like new languages must be added to the course.
 - ii. Group theory in inorganic chemistry must be made practical and easy to understand.

iii. The stereochemistry in organic chemistry is very vast and difficult to understand it needs some topics to be removed out from the syllabus.

• **MSc. Chemistry II Sem., Feb. to June, 2016.**

- i. Organic chemistry syllabus in pericyclic reactions is of no practical use .It is confined only to orbitals, transitions etc.
- ii. The physical chemistry Syllabus is repetition of the graduation syllabus.
- iii. Some more advance topics must be added in this syllabus.
- iv. Syllabus must have green chemistry and nanotechnology subjects.
- v. The research base topics or practicals should also be added in the syllabus.

• **MSc. Chemistry I sem. August, 2017.**

- i. The group theory syllabus should be made three dimensional with teaching aids also there must be some basics of group theory in the undergraduate classes.
- ii. The mathematics is of no use in this semester it is difficult to medical students as it is high levelled.
- iii. The practical syllabus must be thoroughly revised and practical examinations should be introduced in first semester also.

• **MSc. Chemistry III sem. August, 2017.**

- i. Organic chemistry spectroscopy syllabus has repetition of some topics. There must be practicals of NMR, IR, UV and mass spectroscopy.
- ii. The lanthanides and actinides in inorganic chemistry are already studied in lower classes it needs change.

I hope that these suggestions will help to modify the syllabus of BSc. and MSc classes.

Yours faithfully,

H.O.D.

dh
25/09/17

Dr. Mrs. Jitendra Gandhi

Dept. of Chemistry

M.L.S.M.College, Sundernagar.

To

The Principal

MLSM College Sundernagar

Subject: View point regarding the syllabus of organic chemistry chem-511

Sir

With reference to the feedback received from students regarding above course the following points were highlighted:

1 Students are finding difficulty in remembering parent/basic values in IR and UV spectroscopy due to which they are finding difficulties in solving numerical problems.

2 In mass spectroscopy, they are finding difficulty in fragmentation of compound.

Keeping in view the above difficulties the following changes are recommended:

1 Parent/basic values table in UV and IR spectroscopy should be allowed in examination like log table so that students are relieved from burden of remembering parent values and can solve numerical easily.

2. In mass spectroscopy the fragmentation of simple molecules should be evaluatory in the examination and that of complex should not be evaluatory so that students are relieved from the burden of cramming fragmentation of complex molecules.

3. Practicals related to the spectroscopy should be included in the practical syllabus and digitally demonstrated as instrumentation cost is very high and not possible at college level but is important for understanding the concept.

You are requested to consider these suggestions and recommend to the board of studies for modifications. .

Thanking you.

Yours faithfully

A handwritten signature in black ink, appearing to read 'Sudhir', with a stylized flourish at the end.

Dr. Sudhir Kumar
(Asso. Prof. Chemistry)

To

The Principal,

M L S M College

Sundernagar.

Subject: Suggestion regarding the syllabus of M.Sc. Chemistry.

Sir,

With due respect I want to state the following suggestion about M.Sc. Chemistry syllabus.

- ① Practical exams should be held at the end of each semester, unlike the prevailing pattern where the practicals are held at the end of year.
- ② Students of M.Sc. IVth sem study a complete course in polymer and medicinal chemistry. But the same is not introduced in practical syllabus. In order to make the theory and practicals more synergising, polymer and drug synthesis should be introduced in practicals.
- ③ The list of books recommended in both theory and practical syllabus are insufficient to cope up with the demands of the students. List of books recommended should be updated.
- ④ The basics of some topics like supramolecular chemistry & pinocytic reactions should be introduced at under Graduate level. So that student can have the better understanding of the topics at advance level.

⑤ Areas of latest researches like Green chemistry, Nanotechnology, Natural disaster managements and waste water treatment should be introduced in the syllabus.

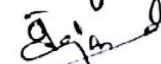
⑥ In MSc. Ist sem, the course of mathematics for chemist contains two units about learning of "fortran language" which is of no importance. It will be better to replace these units with Basic computer applications for chemists like molecular modeling, preparation of ppts + use of microsoft excels.


⑦ In MSc. IVth sem medicinal chemistry course, the syllabus contains study of a large no. of drug molecules. It would have been better to study the basic chemistry of all categories of drugs than studying the pharmacokinetics, pharmacodynamics & SAR of vast no. of drugs of particular type.

⑧ In MSc. IVth sem, the course of Natural Products should be more interesting by introducing the basic and commercial applications of natural products. The no. of examples under each class of natural product should be reduced so as to make teaching learning process more effective.

Thanking You.

Yours Faithfully,


Vandana Selhi Mahajan
(Assistant Professor)
Department of Chemistry.
MLSM College SGR.


Dr. Hem Suman Jaiswal
(Assistant Professor)
Department of Chemistry.
MLSM College SGR.

To

(3)

The Principal

MLSM College Sundeinagar

Subject :- Regarding the feedback of the BSc V Sem Syllabus
(CHEM510 & CHEM511)

Respected Sir,

with reference to the feedback received from students regarding above course the following points were highlighted.

- ① In organic chemistry, four units comprise different types of spectroscopic methods. Students find it difficult to understand. So basic spectroscopy should be introduced in previous semesters. Students also find it difficult in remembering stretching frequencies of all functional groups in IR spectroscopy. So these values should be limited to important functional groups with stretching frequencies.
- ② Students demand to introduce some important ... in competitive examination

To

(4)

The Principal
MLSM College
Sunder Nagar.

Subject: Feedback regarding MSc. Chemistry syllabus

Respected Sir,

With due respect I want to say

that teach Physical Chemistry to MSc. students (1st sem. and 3rd sem.). And want to give some feedback about the syllabus from theory as well as practical. Giving some points as following.

- 1) Practical examination should also be held in 1st semester of MSc. Chemistry. And in last semester it should have dissertation work on any topic for research experience.
- 2) In Physical Chemistry Practical, experiment is regarding distribution coefficient of iodine between carbon tetrachloride and water. But Carbon tetrachloride has banned. So such experiment should be cancelled.
- 3) In third sem, Physical special course

having Electrochemistry in section D. And whole section is about Debye Huckel concept only. It should include some basic concepts and laws of electrochemistry.

Thanking you.

Yours faithfully

Dr. Vandana Sharma


To
The Principal
MLSM College
Sundernagar.

Subject:- Suggestion regarding the U.G. level Syllabus.

Sir,

With due respect, I want to state the following suggestion for B.Sc. Theory & Practical Syllabus classes.

- (1) From New pattern of B.Sc. Syllabus according to which is so large that can't be completed in one semester. So reduce either course work or enhance the syllabus of one course only.
- (2) The syllabus should be slightly higher level.
- (3) Particularly, in 5th sem chemistry practical introduce new practicals.
- (4) The strength of students in each class ~~are~~ should not be more than 50. So it is easier to attend all the students.

Yours faithfully
A.P. 

Mr. Vivek Sharma
Dept. of Chemistry
MLSM College
Sundernagar

To
The Principal,
M.L.S.M. College
Sundernagar

Subject:- Suggestion regarding the Syllabus of M.Sc Chemistry
4th Sem.

Sir,

With due respect, I want to state the following
suggestion about M.Sc Chemistry 4th Sem syllabus.

- (1) In 4th Sem introduce some research work or industrial training with minimum two course work, instead of four courses.
- (2) Introduce basic electrochemistry in M.Sc Chemistry Physical course.

Yours faithfully

A.P.

Mr. Vivek Sharma
Dept. of Chemistry
MLSM College
Sundernagar.

(7)


There is very large syllabus in CBCS B.Sc. 1st semester Chemistry. It is very difficult to complete syllabus within limited period of three months. There must be reduction in syllabus or increase in teaching hours from 4h to 6h per week. To study so much syllabus is very tough for students. In this case they may restrict to limited topics.

2. Every topic must have its applications part so that student must have clear cut idea that why they are studying these topics.
3. Different aspects of a topic i.e. physical, inorganic, organic, must be in same semester. So student can get better understanding of topics.
4. In m.sc. IInd semester inorganic spectroscopy course application part should be increased so that student can learn to apply their acquired knowledge.
5. Group theory in inorganic chemistry is in m.sc. Ist semester. It is totally new topic for m.sc. It is better to have some idea of it in B.Sc. Because student are not able to understand this entirely new topic exactly in advance. So basics of gp theory must be in B.Sc.

There should not be roll-on system atleast in UG standard.

Memorial C

University, Shimla


Dr. Sonika Sharma
Dept of Chemistry
Munson College Sundernagar

Date

To

The Principal,
MLSM College,
Sundernagar.

SUBJECT : Regarding improvement of Syllabus of B.Sc-1st.

Respected Sir,

With due respect, I want to state that, I am Assistant Professor of chemistry in the Department of chemistry in your college. I teach Chemistry to B.Sc-1st sem. students. Through this application, I want to suggest some of improvements that can be held in the syllabus of B.Sc-1st, so that it can be helpful to students. My points are:-

- (1) Salt analysis should also be included in the practical work. This would help students to revive their school knowledge and also improved their practical skills.
- (2) Syllabus of organic chemistry in B.Sc-1st semester is too lengthy as well as too wide. And students have to give only one final exam including two sections from organic chemistry. and two sections from their another book Inorganic chemistry.
- (3) So, I think either there should be two separate papers (one for Inorganic and 2nd for organic chemistry) or syllabus should be reduced if we have only one final exam paper.
- (4) New syllabus if we have only one exam, should be like one section including only Stereochemistry besides including two chapters (fundamental of organic chemistry and stereochemistry). This will help these students to

understand the concepts very well
Similarly other section include three chapters (alkanes, alkenes, alkynes). These are very lengthy chapters. And these little poor students have very little minds to understand such chapters including various reactions and their mechanisms. So here should be only one or two chapters.

- (5) Syllabus of Inorganic chemistry does not need any improvement in B.Sc-1st Sem.

Only main thing, that I wish to have is ~~also~~ separate exams [final examination] for both Inorganic chemistry and also for organic chemistry. If we will have separate exams then, I think there is no need for the improvements of syllabus. Only thing that have to be done is the re-adjustment of sections.

Thankyou.

Yours sincerely,
Ashish Kumar,
Assistant Professor,
Deptt. of Chemistry,
MLSM College Sundernagar.

Aus
8/9/17

Principal
MUSM College
Sundernagar

Subject: Regarding the feedback for M.Sc (Chemistry)
Syllabus.

Respected Sir,

The syllabus of M.Sc. (Chemistry) specialization in Physical Chemistry is well framed but following are some points to which I want to draw your attention.

1) As M.Sc. degree course gives a solid base for higher degree programmes in respective subject i.e. M.Phil & Ph.D. for research work. So research work should be introduced to the students during M.Sc.

In M.Sc IVth sem there should be a research project instead of seminar with some limited theory papers. They must have analytical & problem solving such as examining & interpreting results & making evaluation based on limited information.

2) In paper XVIII (C) chemistry of macromolecules, the two units IV & V are completely theoretical. Theoretical concepts on examination point of view lead to make student cramming the concept instead of understanding them.

3) In M.Sc 3rd sem special paper XIII (C) the section IV is about electrochemistry.

this unit is just about D.H.O. with D.H.O. these should be some advance electrochemistry and its applications in this section.

Some basic electrochemistry should be in previous semesters either in 1st or 2nd sem.

Every topic of Physical chemistry is very vast. So each topic should be there in at least two semesters according to difficulty level.

As quantum chemistry in 3rd & 4th sem. So students will understand the topic in better way.

④ As practicals develops a better understanding towards the subject in students. M.Sc. Physical chemistry practicals are very well framed using conventional & modern techniques in every semester.

But on examination point of view, there should be practical exams in every semester because 1st & 2nd semester practicals are combined. As the acquired knowledge through practicals retains in our mind.

I hope you would forward these suggestion to higher authorities.

Thanking you.

Yours faithfully,

P. S. S.

Dr. P. S. S.

Associate Professor

M. V. S. College of Engineering

To

The Principal
MLSM College Sundernagar
Mandi.175018

Subject: Regarding the BSc. Syllabus.

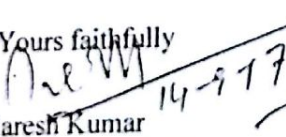
Sir

With due respect, I wish to request that I have certain suggestions about the syllabus of BSc. Chemistry applied under RUSA (Choice Based Credit System), 2016 onwards.

1. **B Sc. I:** The syllabus as has been finalized by board of studies HP University, Shimla for BSc. I semester is a little lengthier from first year point of view. Also if this syllabus is compared with the intermediate syllabus we find 90% repetition of the syllabus. Only 10% syllabus is afresh. Atomic structure need not to be introduced in first semester syllabus. Instead of revising all the previous topics why not some new topics be introduced in syllabus.
2. Combined paper of organic and inorganic chemistry in examination seems to be little confusing to the students hence paper must include only a single type of topics
3. **BSc. I:** Stereochemistry need not to be introduced in this semester as it is the part of previous syllabus otherwise few advanced stereochemistry topics may be added.
4. This syllabus is making students poor in advance sciences, how they can compete with rest of the world. The syllabus should be framed keeping in view the competition level with the other states and nations. The syllabus of HP University in all respect is just made teaching friendly. The syllabus must be parallel to the other prestigious colleges, institutions and universities.
5. The practicals added in first semester inorganic chemistry are quantitative titrimetry but problem arise there when students have no idea about the basics of titration and solutions. Although this is in 10 +2 syllabus but problems are there in schools. Students find these topics new. The volumetry must be started from basic levels in B. Sc. I semester.
6. Organic chemistry practicals are just introductory it is of no use in this semester. Students are learning this already in lower classes and moreover in theory.

Thanks

Yours faithfully


Naresh Kumar
Assistant Professor

To

The Principal
MLSM College Sundernagar
Mandi.175018

Subject: Regarding the M.Sc. Syllabus.

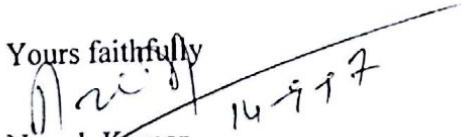
Sir

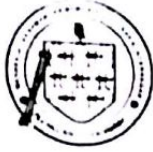
With due respect, I wish to request that I have certain suggestions about the syllabus of MSc. Chemistry.

1. **M Sc. I:** The syllabus in first semester in inorganic chemistry is not properly arranged. Group theory should be introduced in second semester. And the non aqueous solvents chapter must again add acids bases concepts. Supramolecular chemistry is just introduction which is also in organic chemistry syllabus. Organic reagents used in inorganic chemistry practical, its theory may also be discussed in practicals. This unit could be removed from here.
2. The mathematics for chemist in first semester has no significance in the syllabus because the topics in this syllabus are not directly applied in chemistry of Msc. this unit should be changed to second semester. One major problem with it is that as the first semester merit is used for specialisation allotment here medical stream students lags behind the non medical background students only due to this course. This course may kindly be introduced in second semester as mutual exchange with course chemistry of life and environment. Moreover the mathematics and chemistry of life may be added together.
3. The computer syllabus should be explored it must include higher languages and some technical objects. There must also be practical classes in computer syllabus.
4. In practical course the practicals using toxic hazardous chemicals must be removed and replaced.

Thanks.

Yours faithfully


Naresh Kumar
Assistant Professor
Deptt. Chemistry.
MLSM College Sundernagar.



Till Hill & River Vanish

Maharaja Lakshman Sen Memorial College

Estd. In 1976, Affiliated to Himachal Pradesh University, Shimla

Sundernagar (HP)-175018

Ref. No. MLSC-RUSA/2016/250

Dated 19.03.2016

The Chairman
Department of Physics
H.P. University
Shimla-5

Sir,

Please find enclosed herewith suggestions received from our Department of Physics suggesting the required changes in the syllabus under CBCS system for your kind consideration.

Thanking you,

Yours faithfully


(PRINCIPAL)

5. Course combinations Annexure A (Theory) and Annexure B (Practical) can be considered in different semesters for Under Graduate, pass and honors, degree in Physics Major.

We hope that these suggestions will be helpful while modifying the syllabus.

Yours faithfully,



Vipin Kapoor H.O.D.
Department of Physics
M.L.S.M.College,
Sundernagar.

The Chairman
Department of Physics
H.P.University
Shimla.

Date: 19th March 2016.

Sub: Suggestions regarding syllabus of Under Graduate Course in Physics Major.

THROUGH PRINCIPAL

Sir

As per decision of the committee constituted by Hon'ble Vice –Chancellor to resolve the issues regarding CBCS (RUSA) on 24.2.2016 ,it was decided to modifying/rectify the present syllabus from next session. I want to bring following suggestions regarding UG syllabus for your kind consideration.

- 1 The Course code BSCPHY0102, Computer Application in Physics, Code BSCPHY0102 (P), Computer Physics Lab I, should be in 6th semester as the strength of students in 1st, 2nd and 3rd semester is very large (130-150) and number of computers and size of computer lab is not enough to accommodate this huge strength. Students strength decreases gradually and it reaches up to 80 to 90 in sixth semester which can be managed. Syllabus of this course should also be modified as it is very lengthy (FORTRAN and spreadsheet should be retained).
2. It is not possible to do computer practical, Course Code BSCPHY 0306(P), Computer Physics Lab II and code BSCPHY0511 (P), Computer Physics Lab III, without understanding the theory behind it. So these computer practical courses should be replaced with physics practicals.
3. For Chemistry and Math Major Students, all the papers (6 papers) up to 3rd semester should be taught as minor papers by selecting one paper per semester up to 6th semeste . At present we offer one paper in each semester as minor paper and other paper (Major Core) is left as such.
4. The practical in each semester should be from the theory paper taught in that semester or in earlier semester. At present in 2nd semester we are doing practicals from Optics but instead of Optics, Quantum Mechanics is the minor theory paper offered in the syllabus for Chemistry and Math Major Students.

**The Head
Department of Physics
H.P.University
Shimla.**

Date: 16th August 2017.

Sub: Suggestions regarding new syllabus (UGC) of Under Graduate Classes under CBCS.

THROUGH PRINCIPAL

Sir

As per discussion in the staff meeting of the department of physics, M. L. S. M. College Sundernagar, regarding new syllabus (UGC) implemented by H. P. University Shimla, I want to bring following suggestions / problem faced by the students and faculty for your kind consideration and implementation.

1. In the syllabus uploaded on the university site the credits of the paper PHYS601 ,Nuclear and particle Physics,are 5+1 instead of 4 shown in the syllabus.
2. Most of the practicals in the syllabus are from Basic Electronics but there is no theory paper of electronics in this new syllabus(UGC). So you are requested to introduce Electronics in the new syllabus. PHYS 501, Digital signal processing, cannot be understood without the knowledge of basic electronics so this paper should be replaced by Electronics.
3. There are number of experiments in the UG syllabus which are also in the syllabus of M.Sc. of H. P. U. and some experiments are such that it is not possible for the colleges to purchase (Standardized apparatus are costly) and students of UG classes cannot handle these experiments.
4. Writing a computer based programme and running that programme (Copy and Paste) is different from understanding that programme. Without understanding the computer language in depth the student of B.Sc. cannot write and understand the computer based programme to solve physics problem. So the practicals PHYS 501 (PR) (Using C/C++/), PHYS 602 (PR) (Using C/C++/Scilab) and PHYS 603 (PR) (Using Scilab based simulations experiments) should be replaced by the simple physics related programs using FORTRAN programming, Latex and

5. Due to frequent change in the syllabus at Under Graduate level there are number of apparatus lying in the labs of the all the colleges of Himachal Pradesh. By calling a list of apparatus lying without use in the physics department of the colleges of H.P., the department of Physics of H. P. University with the help of College teachers can make a **Practical Bank** covering whole syllabus in Physics. The college should be allowed to frame the syllabus of practical according to the availability of apparatus in the department and according to the theory syllabus in the semester. This will save the state as well as colleges from hues financial loss.
6. Physics practical which can be performed by using computers (Virtual Lab and Remote controlled lab) can be introduced in the colleges where there is scarcity of apparatus. Internet is required to perform these practicals.
7. The Department of Physics H. P. U. Shimla should call frequents meeting of the BOS to modify or rectify the syllabus or should invite suggestions from the colleges regarding the New UGC syllabus and difficulty faced by the colleges in its implementation.

We hope that these suggestions will be considered and the syllabus will be modified.

Yours faithfully,


Ajay Kapoor

H.O.D.

Department of Physics

1. Mr. Vivek Vaidya

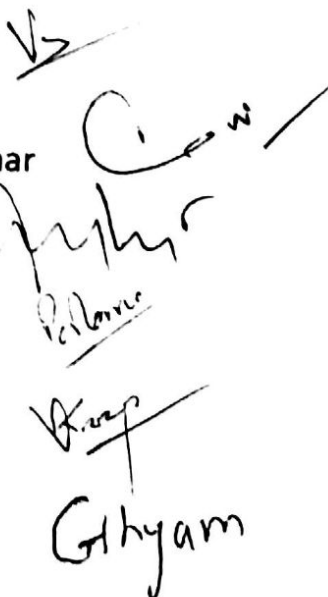
2. Dr. Kameshwar Kumar

3. Dr. Vinod Sharma

4. Mr. P. C. Rana

5. Mr. Vipin Kapoor

6. Mr. Ghanshyam


V
C
V
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V
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21 September, 2017

The Head
Department of English
H.P. University
Shimla

Subject — Teachers feedback regarding new syllabus
of English course.

Through Principal

Sir,

As per discussion in the staff meeting of the department of English, following feedback is given for your kind consideration and implementation.

- 1) Poetry — The poetry section is quite inspirational and motivational. It helps in inculcation of certain values like courage, determination, humbleness and perseverance among the students. Realistic and Vivid description helps the students to feel and imagine different situations like poverty, hunger, disease death & starvation. It helps the students to understand and appreciate the different creations like nature and animals. Thereby making them mentally mature.

2) Fiction and Plays —

It enhances Vocabulary, creativity and improves analytical and critical thinking. It helps in deeper understanding of human psyche thereby making students socially more acceptable.

Although, it is difficult for a teacher to cover two lengthy texts within the short span of a semester. It creates greater trouble for slow learners to grasp things hurriedly. (DSC-1C) Sem III & Sem V minor/major

3) AECC course focuses only on the development of writing and reading skills, whereas grammar and speaking part has been completely ignored (AECC) ENGL 103

4) Essays — Essays being religious, and spiritual motivational and thought provoking, widens the students critical, analytical and spiritual faculty. Although students found some essays (BA III sem compulsory English) tough and their vocabulary and ideas intricate to grasp but after discussion in the meeting it is concluded that these essays are informative and enhances vocabulary, knowledge and critical thinking of the

Thanking You

Yours sincerely

Department of English
MLSM College Sundernagar ..

Amila
Houli Hattin

Lalini

21 September, 2017

The Principal
MISN College
Sunder Nagar

Subject : Students view point regarding English
Course

Sir,

With reference to the feedback received from the students regarding English course the following points are highlighted :

I) BA / Bcom I Sem :

Poetry, stories and essays of Sem I (Compulsory course) are quite easy, interesting, imaginative as well as inspirational. They help ~~us~~ in vocabulary enhancement. Grammar portion is also according to the needs of the students. It helps to enhance speaking and writing skills.

The text prescribed helps in developing our critical and analytical faculty. Although they also help in development of writing skills. They are devoid of grammatical portions.

4) English Major V sem. (Fiction I and II)

The texts prescribed in this course are quite interesting. They help in vocabulary building, widening imaginative ~~skills~~, and critical faculty and in deeper understanding of human psyche. The course does not help ~~in~~ in ~~learning~~ developing speaking skills.

5) DSC - I(A) English Sem - I

The syllabus is very lengthy and tough. It is above the understanding level of average student.

6) DSC - I (C) English Sem - II

Although the course offers an interesting study of novel and play, it does not include grammar portion and does not help in developing speaking skills.

7) A ECC BSC I sem

The course offers ~~an~~ an opportunity to develop ~~the~~ reading and writing skills. It is prepared according to ~~the~~ ^{the} mental ability of the students and ~~as well as~~ the

BCA I Sem Applied English

The course helps in developing the skills viz reading, writing and speaking. In the present scenario it is quite satisfactory and of great utility.

Thanking you

Yours sincerely

Department of English
MLSM college Sander Nagar.

Dr. H. H. H.
H. H. H.
H. H. H.
H. H. H.

Department of Education

Analysis of Views of Students as well as Teachers Regarding B.Ed curriculum

After reviewing the feed back from B-ed students as well as relevant suggestions has been summarised.

Semester I

Semester Ist

Paper I is helpful to make pupil teacher understand the Psychology of the learner.

Paper II The whole content is based on modern educational system whereas P.T's must be make aware about history of education.

Paper ~~III & IV~~ III & V Related to language acquisition is beneficial for P.T. but it is not clearly mentioned which language Hindi or English. Because the syllabus and reference are from English language, theories methods etc.

Paper IV is a very vague paper which has no clarity of the content for the students as well as teachers.

Semester II^{ed}

Paper VI Syllabus of the paper is good but student feel that school management must be introduced in the paper.

Paper VII is not upto the level of B.Ed students.

School Teaching.

(82)

School Internship

To introduce the school internship during training is most favorable to students because acquaint with the internal system of the school like school management, school organisation, infra structure etc.

Practice Teaching of 4 months is not an intelligent step because school are not agree to hand over the class for four months they feel that it hinders their regular classes. ~~the~~ The period should be reduced to two months.

Over all students and teachers are of the opinion that two year B.ed programme is ~~too~~ too lengthy to fulfill the demands of the quality of the programme. So it should be of one year and three month (1 year 3 months). One month : School Internship and two months : is sufficient for school teaching.

Department of
Education

1.

The Chairman
Department of Mathematics
H. P. University
Shimla.

Date: 22nd Sept., 2017.

Subject: Suggestions regarding syllabus of Under-Graduate Course in Mathematics.

Through Principal

sir,

With reference to the feedback received from the students of different classes, we want to bring following suggestions regarding Under Graduate syllabus for your kind consideration.

i) In Ist semester Differential Calculus (MATH 101), 'Graphing Techniques in Polar Co-ordinates', the students find it hard to understand at this stage of their level.

ii) Partial Derivatives and Jacobians are not related to these chapters.

iii) It is felt that the syllabus in 1st Sem. 'Differential Calculus' is too vast and lengthy. Students find it difficult to revise the whole syllabus.

② Algebra (MATH 401) in 4th Sem. is very difficult to comprehend for average students.

2
can be added in 5th or 6th semester. The
on 'Rings' can be excluded.

In Complex Analysis (MATH 602), students face
difficulty in understanding Complex Integration.

Theoretical and Numerical Part should be balanced
from 4th Sem. onwards

Many students were of the opinion that there
is less time for studies in even semesters as
there is winter break from 1st Jan. to 10th Feb.

You are requested to consider these suggestions
and do the needful.

Thanking you in anticipation.

Yours faithfully.

Vijay Abrol.
Renu Kalis
Manjula Thakur

Report of feedback regarding review/design of Syllabus by the faculty of Physical Education department

Sir, we came to know from reliable source acc to syllabus of B.P.E and B.P.Ed there are so n changes needed in theory section as well as practical according to syllabus we think there is a need change ground activity because there is a huge burden of ground activity / RUSA on students. due to this they are not able to give their performance in examination. So we must change ground activity one time a day instead of two times a day so that they can get time for their study.

Besides this Recreation subject should be as a practical subject.

Thank You.


1. Mr. Lokesh Sharma.
2. Mrs. Kamlesh Sen. *Kamlesh*
14/09/17
3. Mrs. Anil Chubria. *Anil*
4. Mrs. Rajani Sharma. *Rajani Sharma*
14/09/2017
5. Mr. Vikesh Kumar *Vikesh*
6. Miss. Kavita Saini *Kavita*
14/09/17.
7. Mrs. Reena Kumari *Reena*
14/09/17

of feedback regarding review/design of syllabus by the students of B.P.E and B.P.Ed.

Sir, as the suggestions given by the students of B.P.E and B.P.Ed. they want some changes in ground as well as theory. They want a change in ground session there should be only one ground session either morning or evening. So that they can get time for their studies, they want their teaching practice should be in schools ~~not~~ instead of ground so that they can improve their teaching skills. They want coaches for each game so that they can give better results. and know everything about that particular game. They want reevaluation should be started again. In theory they want historical part should be reduced. recreation subject should be practical subject.

The contents in Anatomy and Biomechanics are same in every semester. there should be a change. Some students are satisfied with this schedule.

Thank you.







COMMERCE DEPARTMENT (Feed Back)

1. To go towards the standardised and common curriculum e.g suggested by UGC.

2. To add such courses to the curriculum which become relevant with the change of business environment such as M-commerce, Digital Marketing, cyber business laws etc; and all may be industry specific also.

3. The courses should specify the number of credits, hours of learning, synchronised with time schedule, requirement of teaching aids, practical assignments etc.

4. Practical orientation of courses is to be identified and to be designed such, that these will serve the to the needs of the society and industry.


(Hdpt. of Commerce)

REVIEW OF SYLLABUS OF ECONOMICS

The syllabus of economics is well designed to expose the students to the basic principles of micro economic theory and macro economic theory.

However, Discipline specific elective courses, like public finance, money and banking, international economics are short of practical exposure to the students. Practical knowledge could be imparted through field exposure in banking, insurance and budget making at panchyat levels or municipal corporation level etc.

Similarly, Skill Enhancement courses like introduction to statistics, Indian economy and economics of rural development can be linked with behaviouristic approach. Some time slots can be allotted for conducting rural/ urban socio-economic surveys. Industrial visits should also be arranged for the students. Such practical dimensions would enhance fun-learning and the subject would become more interesting and purposeful.

Sundar
MLSM College
Sundar nayar

आदरणीय प्रधानाचार्य जी,

हिमाचल प्रदेश विश्वविद्यालय द्वारा निर्धारित किए गए संगीत विषय के पाठ्यक्रम के विषय में विद्यार्थियों के विचार एवं सुझाव लिए गए, जिससे यह निष्कर्ष निकला गया कि विद्यार्थी को पाठ्यक्रम अधिक देने के कारण त्रियात्मक पक्ष के लिए पर्याप्त समय नहीं मिल पा रहा है। साथ ही पाठ्यक्रम में शास्त्र पक्ष अधिक देने के कारण उसे अध्ययन करने के लिए पर्याप्त समय न मिलना भी एक समस्या है।

संगीत एक त्रियात्मक विषय है।

आजकल विशालीय, महाविद्यालयी एवं विश्वविद्यालयों में संगीत को एक विषय के रूप में पढ़ाया जा रहा है। जिसमें शास्त्र तथा त्रियात्मक दोनों पक्षों का अध्ययन किया जाता है। इसके लिए जो पाठ्यक्रम निर्धारित किया गया है, उसके शास्त्र पक्ष में कुछ सुधार की आवश्यकता है, क्योंकि कुछ एक विषय पाठ्यक्रम में विस्तृत है, उन्हें संक्षिप्त किया जाए ताकि त्रियात्मक पक्ष को अधिक समय दिया जा सके। साथ ही निर्धारित किए गए पाठ्यक्रम के अनुसार सांगीतिक (सूत्र, त्रियात्मक) सामग्री भी उपलब्ध होनी चाहिए, ताकि विद्यार्थी की सांगीतिक प्रतिभा में बढ़ोती जा सके।

Vipin Thakur

Dept of Music

To

The Principal
MLSM College,
Sundernagar

Subject: -To Reviews and Design of BCA Syllabus

Principal Sir,

With reference to the feedback received from students regarding above course the following points were highlighted:

- Syllabus is old and it should include latest computer language like Java, C#, etc. which exist in today's competitive worlds.
- In 4th semester "Accounting" subject syllabus was too much lengthy.
- They required industrial training during the course.

Keeping in view the above difficulties the following changes are recommended:

- Syllabus should be revised
- As practical approach make the subject interesting. So it is advisable to incorporate practicals into the syllabi of subject "Accounting".
- Keeping in view the growing demands of skilled IT professional in the market, project work for the 6th sem. students should be exclusively emphasized instead of theory part.

You are requested to consider these suggestions and recommend to the board of studies for modifications.

Thanking you.

Sincerely yours,

(Dr. Sukhvir Singh)

Co-ordinator

Department of Computer Applications

Shawany
Py

Department of Business Administration

Syllabus Review

(Including inputs from students)

(Through Principal)

The current syllabus, as notified by H.P. University in 2016 and 17 embraces almost every element of BBA degree programme as prescribed by UGC. Overall the curriculum seems to be quite comprehensive and pragmatic barring a few exceptions in individual subjects. The purpose of this review is to highlight a few niggles that could have crept into this otherwise wonderful course because of oversight.

There should be at least 04 core courses in 1st sem which could be achieved by separating Management and Organizational Behavior course (102) - which seems to be a confusing mixture of the above mentioned courses.

In the core course Statistics for Business Decisions (1st sem) the basic concepts are missing which are important for the students coming from +2 level. On the other hand the topic on probability is beyond their understanding. So this course could be a healthy mixture of theory and practical.

The course on macro economics for 3rd sem students is very exhaustive and lengthy and it is next to impossible to complete this course even in 50 lectures. Moreover, the introduction of IS & LM curve without studying consumption and investment and classical theory of rate of interest and Keynesian theory of rate of interest is absurd. It would be appropriate to eliminate this topic from the syllabus and introduce simple Keynesian model instead.

The concept of specialization may be possible for institutions with 100% intake. Where intake is poor; it would be difficult to introduce specialization papers as the number of students opting for a particular specialization may be too small. Furthermore, arrangement of faculty to teach additional subjects may not be possible for un-aided colleges and self-financing institutions because of budgeting constraints.

More emphasis is required on communication skills and personality development. It is felt that there is not enough time for completing the courses hence teachers have to rush through the syllabus. The course on IT in management should be shifted to IIIrd semester.

Mr. Manoj Sharma

Ms. Jyoti Sharma

Mr. Rohit Verma



सेना में,

प्राचार्य महादेव
महाराजा लक्ष्मण सेन इमारत महाविद्यालय सुन्दरनगर

Sub: हिन्दी पाठ्यक्रम से सम्बन्धित जी. वी. क तथ्य।

महोदय :-

पाठ्यक्रम के सम्बन्ध में छात्रों से विचार-विमर्श के उपरान्त निम्न तथ्य सामने आये हैं :-

1. प्रथम सत्र में पढ़ा जाने वाला 'हिन्दी साहित्य का इतिहास' HINDI बहुत विस्तृत है क्योंकि इतिहास के चारों कालों का सम्पूर्ण परिचय विस्तार पूर्वक करने, समझना और उसे याद रखना कठिन कार्य है क्योंकि इस बृहद् पाठ्यक्रम को पढ़ने का समय भी कम है क्योंकि एक ही सत्र में इतना पाठ्यक्रम पढ़ना और समझना मुश्किल है।
2. चतुर्थ सत्र में भी समय दिया गया पाठ्यक्रम भी दिए गए समय के अनुसार लगता है क्योंकि इस सत्र के पाठ्यक्रम में भी उपन्यास, कहानी और मिलकर संकलित किए गए हैं जो पूरी तरह से पढ़ने और समझने में मुश्किल हो सकते हैं।

3. उल्ला है इन सुझावों को ध्यान में रखकर आवश्यक सुधार किए जाएंगे।

भवदीय

डॉ. मूपिन्द्रा शर्मा

डॉ. कविता शर्मा

हिन्दी विभाग

महाराजा लक्ष्मण सेन इमारत महाविद्यालय
सुन्दरनगर

सेवा में।

प्राचार्य महोदय,
महाराजा लक्ष्मण रैन स्मारक महाविद्यालय,
सुन्दर नगर (15050)

विषय :- इतिहास पाठ्यक्रम से सम्बन्धित पीड वीक।

महोदय :-

इतिहास पाठ्यक्रम से सम्बन्धित दोनो से विचार -
विमर्श करने के पश्चात निम्न तथ्य सामने आते हैं :-

- I प्रथम स्तर में पढ़ाया जाने वाला इतिहास का पाठ्यक्रम Pg 101 बहुत अधिक है और अवस्थित रूप से नहीं है।
- II तीसरे स्तर में पढ़ाया जाने वाला इतिहास का पाठ्यक्रम Pg 103 बहुत अधिक है, स्तर के समय के अनुसार गढ़ पाठ्यक्रम एक वर्ष के स्तर से भी अधिक है।
- III चौथे स्तर में पढ़ाया जाने वाला इतिहास का पाठ्यक्रम Pg 104 बहुत अधिक है, स्तर के समयानुसार गढ़ पाठ्यक्रम एक वर्ष के स्तर से भी अधिक है।
- IV स्तर के समय को देखते हुए पाठ्यक्रम का विभाजन छात्रों की क्षमता से किया जाए। ताकि विद्यार्थियों को पढ़ने का उचित समय मिले।
- V विद्यालय किसी पाठ्यक्रम को लागू करने से पहले इससे, विषय में अध्यापकों को उनकी उचित जानकारी तथा सलाह उपलब्ध करवाए।

या निवेदनवाला को भारतीय-डॉक्टरों के विचारों का कार्यक्रम देना
रूप से उपलब्ध नहीं है।

आशा है कि इन लोगों को दण्ड में
स्वतंत्र आतंकवाद, सुधार किए जाए।

अतः

श्रीजमल
श्रीदत्त निवासी
अद्वैत, लखनऊ सैन्य स्मारक, अद्वैतवाला
सुन्दर लखनऊ (110000).

Department of Political Science

Field Book

MLSM College

To

The Principal
MLSM College
Sundernagar-171-18.

DR Rajender Singh

Subject :- Suggestion regarding new Syllabus (University Grant Commission) of Under Graduate classes Under Choice Based Credit System.

Respected Sir,

As per department of Political Science, MLSM College Sundernagar, regarding new Syllabus (UGC) implemented by H.P. University Shimla is very and and interesting, ~~but~~ and there is no need to change it. But I want to bring following suggestions/problems suggested by the student and faculty for your kind consideration and implementation.

- 1 Firstly, In Course Code-BAPUCSII, the Syllabus is very lengthy and not completed intently. It should be limited only to 6 to 8 chapters.
- 2 Secondly, The Department of Political Science, MLSM College, Sundernagar.

according to Student's level. But, ^{only} in Course Code - Pol S 101, Some thinkers's
Concepts as like John Rawls, Robert ~~E~~ Nozick, Marxian theory of Rights
are higher level and it should be ^{either} according to student level or deleted.

We hope that these suggestions will be considered and the
Syllabus will be modified.

Yours faithfully

Dr. Rajender Singh
Deptt. of Pol. Science

To
The Principal
MLSM College
Sunder Nagar

Subject :- Suggestion regarding new syllabus (UGC)
of undergraduate classes under CBCS.

Sir

As per department of Sociology, MLSM College
Sundernagar, regarding new syllabus (UGC) implement
by H.P. University Shimla, I want to bring some
suggestions/problems suggested by the students and
faculty :-

1. The Syllabus of Sociology is compact. But in every
session new syllabus is introduced due to that
students face the problem of books.
2. In the Course "Sociology of Environment" SOC 0511 some
new topics must be introduced regarding environmental
problems.
3. The thinkers discussed in 3rd Sem in course SOC 0512
"Sociological Theories" should be shifted in IV semester
4. The syllabus should be divided systematically
because in semester system time is too short

to complete the syllabus and for revision.

5. There should be some project work for students for their all round development.

I hope that these suggestions will be considered and syllabus will be modified.

Thanking you

Yours faithfully

Anita Dogra

Deptt. of Sociology.

To
The Principal,
MLSM College,
Sunder Nagar.

Sub! — Suggestion regarding new syllabus (UGC) of Under Graduate
classes Under CBCS.

Sir,

As per department of Sanskrit, MLSM college, Sunder Nagar,
regarding new syllabus (UGC) implements by H.P. University &
Shimla. I want to bring some suggestion / problems suggested by
the students and faculty.

The syllabus of Sanskrit is very well. But in every session
new syllabus is ~~too~~ introduced and books are not available.

As grammar of every language is must. Grammar should
be added in the course AECC-III.

The syllabus should be divided systematically because
in semester system time is too short to complete syllabus and
for revision.

This subject is related to our culture. It interacts us
with the society. So it should be compulsory in all streams.

I hope that these suggestion will be considered and
syllabus will be modified.

Thanking you.

Yours faithfully
M. Anurag Kumar

1. The syllabus is much lengthy according to semester system. The syllabus is not completed by a teacher well in time. There is no time for students to revise their topic according to semester system. So syllabus should be short. We find maximum student are getting repeats in different subject. I think teachers do not get enough time to complete the syllabus.

Syllabus should be designed according to 4 month (period.) In a six month one month is passed in a holidays. At least one month time should be kept to students for revision and getting well result.

* Revaluation system should be in university level which is finished in RUSA system. In my personal ~~system~~ views.



VISHWANATH GULERIA.
Father of Arti Guleria.
Sem. 3rd.
Med.

9418070254.

पु. धाना. चाप

M.L.S.M. College
Sunder Nagar - H.P.

Syllabus जो विश्व विद्यालय में जो विभिन्न
कक्षाओं में पढ़ा जा रहा जो कि इतना बड़ा
है जिसे विद्यार्थी और अध्यापक समय पर पूरा नहीं
कर पाते हैं साथ ही जब विद्यार्थी परीक्षा में
प्रश्नों का जवाब नहीं दे पाते जिस से अंक
प्राप्ति से बाधित होना पड़ता है, प्रायः देखा गया है
कि इसे Semester के विषयों को तीसरे Semester
में जोड़ दिया गया है जिस से Syllabus कम हो
जाता है। अतः Students को भारी कठनाई होती है।
ये ही विद्यार्थी अपने Syllabus का Revision कर
पाते हैं। Syllabus इतना बड़ा हो जाता है कि आसानी
समय पर पूरा नहीं कर पाते बल्कि चार मास
के समय में एक मास कालेज की अन्य गतिविधि
व अवकाश में बिता जाता है। परीक्षाओं को भी
इस विषय पर गहरा अध्ययन करना पड़ता है।

ये मेरे अपने विचार हैं।

- रमेश ठाकुर

R. Thakur

पु. धाना

अविभाजक संघ

M.L.S.M. College

Sunder Nagar

H.P.

9th Sept. 2017

The Principal
MLSM College, Sundernagar

Respected Sir,

Subject - Requesting enhancements in Chemistry
syllabus of B.Sc. 1st Semester.

With due respect, I want to state that my ward is a student of B.Sc. 1 Sem. in your reputed college. I have observed that the syllabus of chemistry for 1st semester students is in a little excess & quite disorganised according to the number of lectures provided & potentials of students who are just newcomers & a little unaware of the college system. I would like to suggest reduction in number of sections in the units [especially the organic chemistry part] which I think are little more for only one semester to be covered. I think consultation with concerned subject lecturers is most important part. I shall be thankful if you will consider my views.

Yours truly

Jyoti

[Mother of ward]

Chagun [8317]

BSc. 1 [B]