



**Prospectus | 2023-24**

# LALIT SEN INSTITUTE OF BUSINESS, EDUCATION & TECHNOLOGY

**B.B.A. B.C.A. B.Ed. B.P.E.S. B.P.Ed.**

**M.Sc. Physics**

**M.Sc. Chemistry**

**M.Sc. Botany**

**M.Sc. Zoology**

**Maharaja Lakshman Sen Memorial College**

**Sundernagar (HP)-175018**

UGC 2(f), 12(B) Status

(NAAC - 'B' Accredited College)

Affiliated to H. P. University, Shimla / Sardar Patel University, Mandi (H.P.)

Website: [www.mlsmc.ac.in](http://www.mlsmc.ac.in) | e mail: [lsibet@gmail.com](mailto:lsibet@gmail.com)

*Founder of the College*



*His Highness Late Raja Lalit Sen Ji of Suket*

## *Vision*

*An educationist  
par-excellence  
with a vision of  
harmonizing  
streams of  
tradition and  
modernity and  
producing  
harmonious  
personalities  
striving their  
way to  
excellence and  
perfection.*



## Principal's Message

*As we step into the new academic session 2023-24, I welcome all the students on behalf of the management and the teaching and non-teaching staff of Maharaja Lakshman Sen Memorial (MLSM) College, Sundernagar,*

*As the top educational institution in the state, MLSM College works to give students access to all necessary resources and to create an environment that is outfitted with cutting-edge tools and technology in order to help them realize their dreams and develop both professionally and personally. We are quite proud of the fact that we have established the highest standards and goals in order to satisfy the constantly expanding desires of our bright, youthful, and enthusiastic students who are eager to succeed in their chosen fields.*

*Established in 1976 by the Late Raja Lalit Sen of Suket in memory of his late father, Maharaja Lakshman Sen, the college has been imparting quality higher education in the State for the last so many years. It is in line with the institution's vision of imparting a high standard of education to the youth of the state, to challenge itself, and to grow continuously for producing harmonious personalities by inculcating a spirit of tradition and modernity.*

*Students must acquire the necessary abilities in their chosen fields and be able to use their knowledge in the future, given the dynamism of the educational environment today and the significant changes it is through. As a result, we are dedicated to developing the ability of our students by giving them the greatest education possible by combining the appropriate amount of technology with both traditional and modern teaching methods.*

*The college teachers and students are kept up to date on the most recent trends in research and teaching learning pedagogies through a variety of faculty development programs, workshops, and seminars that are held throughout the year.*

*It is strongly advised to watch for any latest updates and related developments on the college website ([www.mlsmc.ac.in](http://www.mlsmc.ac.in)). Welcome again to this new academic session 2023-24.*

**Dr. C.P. Kaushal**

# The Managing Committee

|     |  |                  |
|-----|--|------------------|
| 1.  | Dr. Hari Sen   | President        |
| 2.  | Raj Kumar Kamal Singh  | Member           |
| 3.  | Kanwarani Sahiba Smt. Radha Singh                            | Member           |
| 4.  | Kanwar Sahib Sh. Jai Singh                                   | Member           |
| 5.  | Sh. Rakesh Kumar Jamwal<br>MLA, Sundernagar.                 | Member           |
| 6.  | Dean of Studies, H.P. University, Shimla.<br>(V.C's Nominee) | Member           |
| 7.  | Dean CDC,H.P. University,Shimla.<br>(V.C's Nominee)          | Member           |
| 8.  | Dr. Mukesh Verma<br>(Teaching Staff Representative)          | Member           |
| 9.  | Dr. Latesh Kapoor<br>(Teaching Staff Representative)         | Member           |
| 10. | Dr. Rajni  | Member           |
| 11. | Sh. Hem Raj Sharma<br>(Non-Teaching Staff Representative)    | Member           |
| 12. | Sh. Lalit Kumar  | Member           |
| 13. | Dr. C.P. Kaushal<br>Principal,MLSM College, Sundernagar      | Member-Secretary |

# Dr. C. P. Kaushal

Principal

## Administrative Assignments

### Internal Quality Assurance Cell (IQAC)

|                     |                                 |
|---------------------|---------------------------------|
| Dr. C. P. Kaushal   | (Principal)                     |
| Dr. Latesh Kapoor   | Coordinator (Teacher)           |
| Dr. Mainika Kapoor  | Member (Teacher)                |
| Mr. Dharmender Rana | Member (Teacher)                |
| Dr. Kuldeep Singh   | Member (Teacher)                |
| Dr. Vandna Sethi    | Member (Teacher)                |
| Dr. Ranjeet Singh   | Member (Teacher)                |
| Dr. Devender        | Member (Teacher)                |
| Mr. Hem Raj Sharma  | Member (Administrative Officer) |
| Ms. Ambika Sharma   | Member (Alumni)                 |
| Mr. Anil Guleria    | Member (Local Society)          |

### RUSA Affairs Committee

|                        |             |
|------------------------|-------------|
| Ms. Renu Kalia         | Coordinator |
| Dr. Kameshwer Kumar    |             |
| Dr. Sudhir Sharma      |             |
| Dr. Mukesh Verma       |             |
| Dr. Latesh Kapoor      |             |
| Mr. Surinder Pal Singh |             |

### Anti Ragging-cum-Discipline Committee

|                     |            |
|---------------------|------------|
| Dr. Kameshwar Kumar | 9418352006 |
| Dr. Sudhir Kumar    | 9418300029 |
| Dr. Mukesh Verma    | 9418052020 |
| Mr. Sanjay Sharma   | 9418156486 |
| Dr. Savitri Sharma  | 9418095496 |
| Ms. Bhawana Thakur  | 8219789429 |
| Mr. Lokesh Sharma   | 8219074400 |

### Student Grievances Redressal Committee

|                     |            |
|---------------------|------------|
| Dr. Kameshwer Kumar | 701876414  |
| Dr. Neerupama Kohli | 9418022227 |
| Dr. Latesh Kapoor   | 9418467868 |
| Dr. Savitri Sharma  | 9418095496 |
| Dr. Mainika Kapoor  | 9418190667 |
| Dr. Rajinder Singh  | 9816410760 |
| Ms. Jyoti Sharma    | 9418419888 |
| Ms. Bhawana Thakur  | 8219789429 |
| Ms. Monika Guleria  | 9817282039 |
| Mr. Lokesh Sharma   | 9418017464 |
| Ms. Pooja Thakur    | 8091196145 |
| Dr. Neha Sen        | 8263917873 |
| Ms. Ranjana Thakur  | 9459797431 |
| Mr. Yogesh Kumar    | 8988238278 |

### Women Grievances Redressal Committee

|                     |            |
|---------------------|------------|
| Dr. Neerupama Kohli | 9418022227 |
| Dr. Latesh Kapoor   | 9418467868 |
| Ms. Deepika         | 8219214534 |
| Ms. Kamlesh Sen     | 9418379199 |
| Ms. Anita Dogra     | 9459763083 |
| Dr. Rohini Rana     | 8988152770 |
| Dr. Romita Devi     | 9418154170 |

### Examination Committee

|                        |
|------------------------|
| Dr. Mukesh Verma (CEO) |
| Mr. Sanjay Sharma      |
| Dr. Rajinder Singh     |
| Mr. Raj Mal            |
| Dr. Devender Sharma    |
| Dr. Ashish Gautam      |
| Ms. Bhawana Thakur     |
| Dr. Naresh Verma       |
| Dr. Ranjeet Rana       |
| Dr. Tanvi Patiyal      |

## Administrative Staff

|                    |                  |
|--------------------|------------------|
| Sh. Sanjay Sharma  | Bursar           |
| Sh. Hem Raj Sharma | Superintendent   |
| Smt. Ambika Sharma | Sr. Assistant    |
| Sh. Pradeep Kumar  | Office Assistant |

## Service Staff

|                      |                   |
|----------------------|-------------------|
| <b>Library</b>       |                   |
| Sh. Snohit Chandel   | Library Attendant |
| Smt. Kamlesh Kumari  |                   |
| Sh. Kapil            |                   |
| <b>Service Staff</b> |                   |
| Smt. Sneha Lata      | Peon              |

### The Trust

The late Raja Lalit Sen of Suket created a trust in 1972 by donating the palace building and the adjoining area of about 100 bighas of land and made liberal donations for the furtherance of various activities of social uplift with the main stress being on the spread of education in the state. To honour the sacred memory of his late father, the trust was named Maharaja Lakshman Sen Memorial Trust, with its headquarters at Sundernagar.

### The Founder

Raja Lalit Sen, the sole trustee of Maharaja Lakshman Sen Memorial Trust and the founder of Maharaja Lakshman Sen Memorial College, Sundernagar, was a renowned national figure and was devoted to the social service of the country. He remained a Member of Parliament for two terms and was also the Chief Parliamentary Secretary in Sh. Lal Bahadur Shastri's Ministry. Led by a sense of dedication and devotion to the nation and the realization that human belongings and wealth are as ephemeral as life itself, the late Raja Lalit Sen of Suket established this college by making liberal donations in cash and in the shape of buildings, a playground and extensive lands. Now, Dr. Hari Sen of Suket is the trustee and the President of the College.

### The Motto

This Educational Institution (Maharaja Lakshman Sen Memorial College and the Lalit Sen Institute) aims at imparting an education that will create a sense of mission and devotion to the country in the emerging generation, and to imbue in it a social consciousness and an awareness of the changing times. The college has endeavored to harmonize the streams of tradition and change in its functioning and work. The ethos of the college is to meet challenges and to aim for the very best. We strive for perfection, however hard it may be. We aim to create an ideal citizen and a good human being, difficult though this may seem. We wish to inculcate a wide vision, a capacity to understand the views of others, to disagree without bitterness and to instill the spirit of humanism in our family of staff and students.

Maharaja Lakshman Sen Memorial College conducts govt. aided courses in the faculties of Humanities, Science and Commerce, and the Lalit Sen Institute conducts the unaided self-financing courses. In future, in addition to these two institutes, the complex of institutions will grow to include:

- i) Post-graduate teaching in various areas.
- ii) A Research Institute equipped with modern research facilities.
- iii) A Museum containing original miniatures, arms, bronzes, sculptures, carpets and other valuable historical objects.



Administrative Block of the College



A Panoramic View of the College

### Lalit Sen Institute of Business, Education & Technology

Since it was difficult for the State Government to finance various new and useful professional courses, the Managing Committee resolved to create an autonomous and self-sustaining institution which would conduct a variety of self-financing courses. This led to the establishment of the Lalit Sen Institute of Business, Education & Technology (LSIBET), to commemorate the memory of the Founder. The Institute and the MLSM College have the same Managing Committee. The Institute has its own faculty and non-teaching staff in various departments. At present, the Institute conducts the following courses:

- 1) Bachelor of Business Administration (B.B.A.)
- 2) Bachelor of Education (B. Ed.)
- 3) Bachelor of Computer Applications (B.C.A.)
- 4) Bachelor of Physical Education (B.P.Ed.)
- 5) Bachelor of Physical Education & Sports (B.P.E.S.)  
(3 Years after +2).
- 6) Master of Science in Chemistry (M.Sc. Chemistry)
- 7) Master of Science in Physics (M. Sc. Physics)
- 8) Master of Science in Botany (M.Sc. Botany)
- 9) Master of Science in Zoology (M.Sc. Zoology)

### The Growth of the Institution

At the time of its establishment in 1976, the college had eleven teachers and less than three hundred students in the Arts faculty. The Science faculty was added in 1980, Vocational course in Office Management was started in 1995 with approval and support from the University Grants Commission and the Commerce faculty was also added in the same year. In 1996 the Institute started the Bachelor in Business Administration course, a 3 year degree course spread over six semesters. In 1998 the Institute started the Bachelor in Education course with the approval of the NCTE, the Govt. of Himachal Pradesh and the H. P. University. The Institute added the Bachelor of Physical Education (B.P.Ed.) in 2007, B.P.E. in 2008, M.Sc. (Physics), M.Sc. (Chemistry) from the academic session 2010-11 and M.Sc. Botany & M.Sc. Zoology from July 2013.

### Professional Education

Himachal Pradesh, one of the most literate States in the country, lacks adequate employment opportunities for its youth. Even today its economy is Government-job oriented. A large number of educated youth are not in a position to get meaningful employment without professional degrees. The Institute resolved to be a part of the solution to this problem by starting professional courses to help the new generation in finding their rightful place in society.

### Affiliation/Recognition

The institution is Affiliated to H. P. University, Shimla and duly recognized by the NCTE for all its respective courses. The college is also included in the approved list of the University Grants Commission, Govt. of India.

### College Buildings

The college is housed in its own palatial building. In addition to the separate Administrative, Academic & Science Blocks and modern well-equipped computer laboratories, there is an independent Library Block comprising of Stack Rooms, Magazine Section and study rooms for students and faculty members.

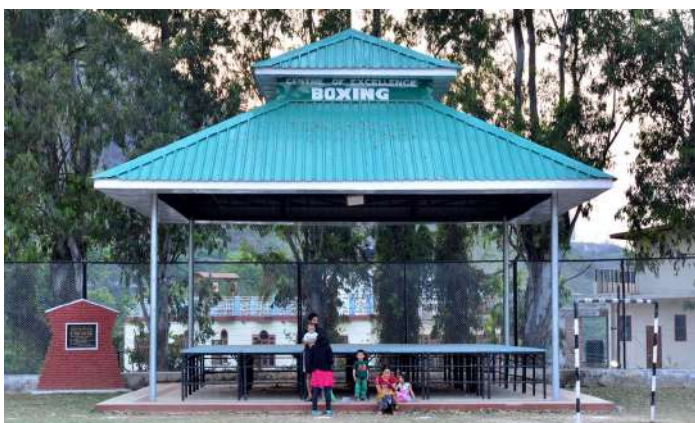
The college has a spacious and magnificent hall of its own. A four storey Science Block has been constructed, it consists of Chemistry and Bio-Science Laboratories, and spacious and well-furnished class rooms. A Modern building constructed at a cost of more than 1 crore, accommodates all self-financing programmes namely BBA, BCA, B.Ed., and M.Sc Physics. The new LSIBET premises have spacious well equipped class rooms, Laboratories and all other amenities. A newly constructed sports complex is well equipped with facilities for different indoor sports activities like multi-gymnasium hall, yoga hall, T.T. hall. Other than sports activities the complex also has class rooms for B.P.Ed and B.P.E. courses.



Science Block - A

### Playground

The college owns a very picturesque and spacious playground with facilities for all major & minor games such as Cricket, Football, Hockey, Handball, Basket Ball, Volleyball, Boxing, Badminton, Kho-Kho and a 400 Mt. Athletic Track. Gymnasium and Indoor games such as Table Tennis, Weightlifting are also available.



Boxing Ring

### Dispensary

A part time dispensary has been setup by the college to provide the best possible medical assistance / First Aid to the students and staff on each working day between 10.30 a.m. to 1.00 p.m..

### Canteen

A Canteen facility is also available in the college campus which provides tea & snacks to the students, staff & visitors on concessional rates.

### Library

The College has a well stacked centralized library with over 39750 books comprising various titles of sciences, arts, commerce, education, management and computers streams, and subscribes 21 journals, 42 magazines & 15 newspapers. A well furnished wi-fi reading room with a seating capacity of 180 students is also available in the library. The library is a member of N-LIST program of UGC through INFLIBNET Centre, Ahmedabad and member of DELNET which provides e-resources & e-journals. Library has 6 computers with internet wifi in reading room for students and staff members.



Library Block

### Banking Facility

A full-fledged computerized Branch of Central Bank of India with Core Internet Banking services and 24 hours ATM facility is available in the college campus.

### Internet

Students have the privilege to avail internet facility during college hours with broad-band connection in the Computer Lab.

### Language Lab

Efficiency in English language skills is an asset that promotes a life time of effective global communication. It is imperative to ensure that when students take admissions in higher education institutions, their soft skills should also be honed so that they are able to find employment true to their talent / knowledge . Language Lab (Station-e) with a capacity of twenty four students has been established in the college to ensure quality training in language and communication. It will provide a platform to our students to come forward and get an opportunity to express themselves thereby aiding them to overcome their stage fear. It will also help them to acquire fluency, proficiency and better understanding of English Language. In this lab, students will undergo training into various soft skills including communication skills which will serve to enhance the employability of the youth.

### Hostel

For Girls: We have a modern Hostel for Girls which accommodates 115 girls at present. Allotment will be made on 1st serve bases no. of seats are fixed for every department. The warden has family accommodation in the Hostel Building.



### COLLEGE STUDENTS CENTRAL ASSOCIATION (CSCA)

CSCA is constituted according to the rules laid down by the HP University.

The association aims at developing among students greater awareness of their role as young citizen, giving them sense of responsibility and a spirit of service. The role of this association will be to advance the aims & objectives of the institution and add to its tone and discipline and help in organising various functions in the college and suggest measures to make the stay of the students in the college fruitful and purposeful. CSCA also serves as a link between the students and the administration and coordinates and integrates the activities of various clubs & associations in the college.

### Parent Teacher Association

The Parent- Teacher Association (PTA) is a statutorily constituted body which aims at the overall development of the college. Parental co-operation in creating a healthy campus atmosphere is of utmost importance. The PTA aspires for co-operation and participation of parents in full measure, in the wholesome activities of the college. An Executive Committee, consisting of the Principal as Chairman, a parent as a President, a teacher elected as a secretary and six other members from teaching and parents, meets frequently to carry out the regular affairs of the body. Feedback obtained is openly discussed for timely improvement and correction.

### Alumni Association (MLSMCOSA)

The Alumni Association works towards achieving a tedious relationship between the Alumni and the institution. The students being the most important part of the institute graduate into alumni and become the most important long term stakeholders of their Alma matter. The association provides an opportunity for the alumni to interact with the faculty and the students and helps to build a relationship which lasts for many years. It helps the Alumni to stay

updated on different activities conducted by the college.

MLSMCOSA provides you an opportunity to re-establish the long lost associations with your teachers and college fellows. Get in touch, join the mail group to promote and support the Institution and participate in the college activities and progress. The old student association has given relief to the poor students in terms of paying their college fee.

*For details visit : [www.mlsmcosa.org](http://www.mlsmcosa.org).*

### N.C.C.

One platoon consisting of 50 cadets attached with H.P 2nd BN NCC Mandi, has been allocated to this College by the HP Govt.

### N.S.S.

The Himachal Pradesh University has allowed 2 NSS Units to the College with a strength of 200 students. By joining NSS, the volunteers are given an additional weightage of 2% or 5% preference in matters of admission by various institutions and universities in India.

### INFORMATION, CAREER GUIDANCE & PLACEMENT CELL

The college established its information, career guidance and placement cell with the financial assistance from the UGC during 11th plan. The cell is working as a resource centre of information and guidance for the students to establish linkages with the world of work and locate career opportunities. Seminars and guidance workshops are organised to inform the students about the emerging trends and events, leadership roles, entrepreneurship; and implementation of national socio-economic policies. The cell also works to promote healthy outlook and positive attitude towards national integration.



**N.C.C. CADETS**



**N.S.S. VOLUNTEERS**

Students are encouraged to participate in different activities organized by the cell from time to time.

## Achievements in Sports & Cultural Activities

### SPORTS

The college owns a very picturesque and spacious playground with facilities for all major and minor games. The playground has a 400 meter track. Over the years, the college has annexed university Trophies in boxing, Kho-Kho, Hockey, Badminton, Wrestling, Cricket and Athletics.

During the session 2022-23 our college won winner's trophies in H.P.U. inter college wrestling and kho-kho women championship, runners-up trophies in judo women, kho-kho men wrestling men, taekwondo women,

wushu men and women, hockey women, kabaddi women, handball men and runners-up trophies in boxing men and women. The college also won HPU overall trophy in women's section.

### Cultural Activities

The college lays great emphasis on Cultural Activities. Our college has achieved outstanding success in dance, one act play, mime & others activities during youth festival.



# 1. Bachelor of Business Administration (B.B.A.)

## Introduction

The relevance of business administration and management courses is growing around the world. The principles of management can be applied in all types of organizations. This is especially true in the case of developing economies like India. As our society accepts the benefits of a market economy and an increasingly inter-dependent world, business organizations seek the value of professionalism. Hence, the focus is on Business Management courses. A formal education in Management and Business Administration is designed to sharpen the overall skills of the recipients and bring rich rewards to the organization and economy. These were some of the main reasons for starting the BBA programme in 1996, and we welcome you to it.

## Core Faculty

|                                   |                     |
|-----------------------------------|---------------------|
| Dr. Jyoti Sharma<br>(Coordinator) | M.F.C., M. Phil     |
| Mr. Rohit Verma                   | M.B.A. (NET), PGDCA |

## Guest Faculty

|                  |           |
|------------------|-----------|
| Mr. Rajesh Kumar | M.A., NET |
|------------------|-----------|

## 3.1 Admission Procedure

Admission to the BBA programme will be made in accordance with the norms prescribed by the Himachal Pradesh University/Sardar Patel University.

## 3.2 Number of Seats

The total numbers of seats are 60 as per following details:

- a) Subsidized Seats 40
- b) Non-Subsidized Seats 20 (For self-financing/NRI sponsored candidates)

## 3.3 Reservation

75 % of the subsidized seats are reserved for those Himachali students who have passed their matriculation and +2 examinations from the H. P. Board of School Education. Out of these 30 seats, 15% and 7.5% are reserved for applicants who belong to the SC and ST categories of the state of Himachal. There is further reservation of 3 seats; one each for sports and cultural activities, and one for physically challenged applicants. In case eligible candidates from the reserved categories do not apply for admission, the seats will be transferred to the open category.

## 3.4 Eligibility

Plus two examination under 10+2 system or examination equivalent thereto of a Board/University established by law in India with **45% marks (40% marks for SC/ST)**.

## OR

Any examination of a University/Board/College or School in foreign country recognized as equivalent for the above purpose by the Vice-Chancellor/equivalence committee on its own or on recommendations of Association of Indian Universities with **45% marks (40% in case of SC/ST)**.

## 3.5 Age Limit

The maximum age limit for the course is **22 years** on 1st of July of the year concerned, provided that in case of the candidate belonging to SC/ST, the upper age limit will be relaxed by **3 years**. Provided further that the Vice-Chancellor shall have the power to permit age relaxation for reasons to be recorded in writing up to a maximum of **3 months**.

## 3.6 How to Apply and Documents to be attached

### A. For Subsidized Seats

- i) Attested copy of the matriculation certificate.
- ii) Attested copy of the +2 certificate.
- iii) Character certificate issued by the head of the Institution last attended.
- iv) Attested copy of relevant certificate if admission sought under reserved categories

### B. For Non-Subsidized Seats/NRI Seats

The first three documents listed at 'A' above, and an undertaking from the sponsoring NRI to pay the fees and funds as per the schedule for the duration of the course.

## 3.7 Selection Procedure

Admission to the BBA programme will be made on the basis of the academic performance of the candidates. Average score Calculated by adding the marks obtained in matriculation and +2 examinations will determine the place of the candidate in the merit list. Separate merit lists will be prepared for the candidates belonging to different categories. Additional weightage of 10% will be given to those students who have passed the qualifying examination, that is +2, in Commerce or with

## Career opportunities after BBA :-

### In Government Sector

- 1. Civil Service Exam
- 2. Regional Rural Bank
- 3. SEBI - Grade A
- 4. RBI - Grade B
- 5. LIC - AAO
- 6. Public Sector Banks and many more

### In Private Sector :-

- 1. Private Sector Banks
- 2. Non Banking Financial Institutions
- 3. Marketing Executive
- 4. Research and Development Manager
- 5. Accounting Manager
- 6. Educators in Universities
- 7. Sales Executive and many more other opportunities.
- 8. Retail Sector

mathematics as a subject. Seats remaining/falling vacant after counselling shall be filled on first-come-first-serve basis till all the seats are filled or till the last date of admission notified by the university, whichever is earlier.

### 3.8 a) Counselling

Counselling for admission to BBA will be held on specified dates. Each candidate will be required to be personally present at the counselling venue along with either of the parents. Candidates shall have to produce the required documents/ certificates in **original** at the time of counselling. First installment of the fee must be deposited immediately after the confirmation of admission failing which the candidate will have no claim on the seat.

### 3.8 b) Professional Exposure

Skill development and professional exposure are an integral part of the curriculum at the Department of Business Administration. Students are required to participate in various co-curricular activities throughout their stay in the department. This helps them to acquire essential skills for pursuing a successful career as executives/managers in Private or Public sector organisations. Project work, seminars, industrial training, industrial trips and exposure to various practices in different industries form an integral part of the package offered at LSIBET. Moreover, the Institute has a dedicated placement cell with the sole objective of providing employment opportunities for desirous and deserving students. The students are expected to quickly adapt themselves to the learning environment in the department to benefit from the programme. Hence great emphasis is laid on discipline, hard work, creativity and self-analysis.

### 3.8 c) Dress Code

To familiarise the students with corporate culture, the Department has a prescribed dress code for students. They are advised to observe the code as specified from time to time. Under the present code students are required to wear formals on Tuesday, Thursday and Saturday and casuals on Monday, Wednesday and Friday.

### 3.9 a) Course Contents, Duration & Scheme of Examination

The duration of the B.B.A. course shall be of three academic years, spread over six semesters. There shall be an examination at the end of each semester ordinarily in the months of October and May on the dates to be notified by the H. P. University/S.P. University.

# Bachelor of Business Administration (B.B.A.)

## 3.9 b) Course Contents

The courses of study shall be as prescribed by the H. P./S.P. University from time to time. The outline of the present course for current session is as under:

### First Year

| Semester I |   |                                |           |
|------------|---|--------------------------------|-----------|
| Course No. | Title of the Course                                   | Course Type                    | Credits   |
| ENVS2ACC02 | Environment Science                                   | Ability Enhancement Compulsory | 4 (L4)    |
| 102        | Fundamentals of Management & Organizational Behaviour | Core                           | 6 (L5+T1) |
| 103        | Statistics for Business Decisions                     | Core                           | 6 (L5+T1) |
| 104        | Entrepreneurship Development                          | Generic Elective               | 6 (L4+T2) |

| Semester II |  |                                |           |
|-------------|--|--------------------------------|-----------|
| Course No.  | Title of the Course                            | Course Type                    | Credits   |
| BCH2.1      | Business Communication (Language: English/MIL) | Ability Enhancement Compulsory | 4 (L4)    |
| 202         | Managerial Economics                           | Core                           | 6 (L5+T1) |
| 203         | Business Accounting                            | Core                           | 6 (L5+T1) |
| 204         | Ethics & Corporate Social Responsibility       | Generic Elective               | 6 (L4+T2) |

### Second Year

| Semester III |  |                   |           |
|--------------|--|-------------------|-----------|
| Course No.   | Title of the Course                            | Course Type       | Credits   |
| 301          | Macroeconomics                                 | Core              | 6 (L5+T1) |
| 302          | Principles of Marketing                        | Core              | 6 (L5+T1) |
| 303          | Management Accounting                          | Core              | 6 (L5+T1) |
| 304          | India's Diversity & Business                   | Generic Elective  | 6 (L4+T2) |
| 305          | Personality Development & Communication Skills | Skill Enhancement | 6 (L4+T2) |

| Semester IV |                           |                   |           |
|-------------|---------------------------|-------------------|-----------|
| Course No.  | Title of the Course       | Course Type       | Credits   |
| 401         | Business Research         | Core              | 6 (L5+T1) |
| 402         | Human Resource Management | Core              | 6 (L5+T1) |
| 403         | Financial Management      | Core              | 6 (L5+T1) |
| 404         | Tax Planning              | Generic Elective  | 6 (L4+T2) |
| 405         | IT Tools in Business      | Skill Enhancement | 6 (L4+T2) |

### Third Year

| Semester V |  |                              |           |
|------------|--|------------------------------|-----------|
| Course No. | Title of the Course  | Course Type                  | Credits   |
| 501        | Quantitative Techniques For Management   | Core                         | 6 (L5+T1) |
| 502        | Legal Aspects of Business  | Core                         | 6 (L5+T1) |
| 503        | Discipline Specific Electives Finance/Marketing/Human Resource/Management of Global Business | DSE Students can opt any one | 6 (L5+T1) |
| 504        |  |                              | 6 (L5+T1) |

| Semester VI |  |                              |           |
|-------------|--|------------------------------|-----------|
| Course No.  | Title of the Course  | Course Type                  | Credits   |
| 601         | Business Policy and Strategy   | Core                         | 6 (L5+T1) |
| 602         | Financial Institutions and Markets   | Core                         | 6 (L5+T1) |
| 603         | Discipline Specific Electives Finance/Marketing/Human Resource/Management of Global Business | DSE Students can opt any one | 6 (L5+T1) |
| 604         | Project Report   |                              |           |

For More Details contact : Ms. Jyoti Sharma (Co-ordinator), Department of BBA (82190-89237)

## 3.9 c) Scheme of Examination

Students are to be evaluated according to the newly adopted Choice Based Credit System (CBCS)

## 3.10 Fee Structure

For BBA course the Institute will charge the fee & funds according to the fee structure as mentioned on page 21.



## 2. Bachelor of Computer Applications (B.C.A.)

### Introduction

In today's world Information Technology has become essential and this has greatly enhanced the value of Computer Applications. We cannot visualize any work situation or job opportunity which does not require proficiency in Computer Applications. To keep up with these rapidly changing requirements for new skills the Managing Committee of the Institute decided to start the BCA course from the Academic Year 2001-2002. The Institute maintains high standards of education and will continue to augment the infrastructure for running this course annually.

### The Faculty

|                                 |                  |
|---------------------------------|------------------|
| Ms. Bhawana Thakur, Coordinator | M.C.A., M. Phil. |
| Ms. Pooja Thakur                | M.C.A.           |
| Mr. Surinder Pal Singh          | M.C.A., M.Phil.  |

### Guest Faculty

Dr. Rohini Rana  
Dr. Tanvi Patiyal  
Dr. Shaloo

### Lab. Staff

|                  |                |
|------------------|----------------|
| Mr. Pawan Thakur | Lab. Assistant |
|------------------|----------------|

### 1.1 Admission Procedure

Admission to the BCA Course will be regulated and conducted as per the norms prescribed by H.P. University.

### 1.2 Number of Seats

60

### 1.3 Reservations

Reservations of the seats will be as per H.P.University/S.P. University norms issued from time to time.

### 1.4 Eligibility

Candidates who have passed 10+2 examination from H.P. Board/CBSE/ICSE or any other examination considered equivalent to 10+2 by the Himachal Pradesh university, Shimla-5, with 40% marks (35% marks for SC/ST Category ), shall be eligible.

### 1.5 Age Limit

Maximum age limit for admission to BCA course is 21 years for general category, 24 years for SC/ST category and 23 years for girls candidates, as on the 1st July of the year concerned. The Vice Chancellor may permit age relaxation up to maximum of 3 months.



### 1.6 How to Apply /Documents to be attached with Application

- Attested Copy of the Matriculation Certificate
- Attested Copy of the +2 Certificate
- Character Certificate issued by Institution last attended.
- Attested Copy of relevant certificates of Reserved Category.
- Affidavit & Character Certificate if there are gap years.

**Note :** Candidates have to produce the original documents at the time of counselling.

### 1.7 Selection Procedure

Admission will be made on the basis of merit of qualifying examination.

As per H.P.U./S.P.U. rules 75% seats will be filled out of the candidates who have passed there 10+2 examination from the school situated in Himachal Pradesh irrespective of the Board. Remaining 25 % seats will be filled on all India basis. Other reservation rules of H.P. University/S.P. University shall be applicable.

### 1.8 Counselling

Counselling for admission to BCA will be held on date(s) specified in the academic calendar, beginning with reserved category candidates and concluding with general category candidates. Each candidate will be required to be personally present at the counselling venue along with either of the parents. Candidates shall have to produce the required certificates/documents in original at the time of counselling. First installment of the fee must be deposited immediately after the confirmation of admission failing which the candidate will have no claim on the seat.

### 1.9 Course Content and Scheme of Examination

#### A) Course Content

The duration of the BCA course is 3 years (6 Semesters)



# Bachelor of Computer Applications (B.C.A.)

## The Course of Study for BCA Under CBCS Scheme

### First Year

| Semester I  |                                |         |     |     |
|-------------|--------------------------------|---------|-----|-----|
| Course Code | Title of the Course            | Credits | ESE | CCA |
| BCA0101     | Mathematics - I                | 4       | 70  | 30  |
| BCA0102     | Applied English                | 4       | 70  | 30  |
| BCA0103     | Computer Fundamentals          | 4       | 70  | 30  |
| BCA0104     | C Programming                  | 4       | 70  | 30  |
| BCA0105     | Office Automation Tools        | 4       | 70  | 30  |
| BCA0104 (P) | C Programming Lab-I            | 3       | 35  | 15  |
| BCA0105 (P) | Office Automation Tools Lab-II | 3       | 35  | 15  |
|             | Max. Marks. 600                |         |     |     |
|             | Environment Science            |         |     |     |

| Semester II |                                    |         |     |     |
|-------------|------------------------------------|---------|-----|-----|
| Course Code | Title of the Course                | Credits | ESE | CCA |
| BCA0201     | Mathematics - II                   | 4       | 70  | 30  |
| BCA0202     | Communicative English              | 4       | 70  | 30  |
| BCA0203     | Digital Electronics                | 4       | 70  | 30  |
| BCA0204     | Data Structures                    | 4       | 70  | 30  |
| BCA0205     | Data Base Management System        | 4       | 70  | 30  |
| BCA0204(P)  | Data Structures Lab-III            | 3       | 35  | 15  |
| BCA0205(P)  | Data Base Management System Lab-IV | 3       | 35  | 15  |
|             | Max. Marks. 600                    |         |     |     |

### Second Year

| Semester III |  |         |     |     |
|--------------|--|---------|-----|-----|
| Course Code  | Title of the Course                          | Credits | ESE | CCA |
| BCA0301      | Mathematics - III                            | 4       | 70  | 30  |
| BCA0302      | Business Practices and Management            | 4       | 70  | 30  |
| BCA0303      | Computer Organization                        | 4       | 70  | 30  |
| BCA0304      | Object Oriented Programming with C++         | 4       | 70  | 30  |
| BCA0305      | Desktop Publishing and Designing             | 4       | 70  | 30  |
| BCA0304(P)   | Object Oriented Programming with C++ (Lab-V) | 3       | 35  | 15  |
| BCA0305(P)   | Desktop Publishing and Designing (Lab-VI)    | 3       | 35  | 15  |
|              | Max. Marks. 600                              |         |     |     |

| Semester IV |   |         |     |     |
|-------------|---|---------|-----|-----|
| Course Code | Title of the Course                               | Credits | ESE | CCA |
| BCA0401     | Personnel Management                              | 4       | 70  | 30  |
| BCA0402     | Accounting  | 4       | 70  | 30  |
| BCA0403     | System Analysis and Design                        | 4       | 70  | 30  |
| BCA0404     | Internet Technology and Web Page Design           | 4       | 70  | 30  |
| BCA0405     | Programming in Visual Basic                       | 4       | 70  | 30  |
| BCA0404(P)  | Internet Technology and web page Design (Lab-VII) | 3       | 35  | 15  |
| BCA0405(P)  | Programming in Visual Basic (Lab-VIII)            | 3       | 35  | 15  |
|             | Max. Marks. 600                                   |         |     |     |

### Third Year

| Semester V  |  |         |     |     |
|-------------|--|---------|-----|-----|
| Course Code | Title of the Course                        | Credits | ESE | CCA |
| BCA0501     | Operating System                           | 4       | 70  | 30  |
| BCA0502     | e Commerce                                 | 4       | 70  | 30  |
| BCA0503     | Management Information System              | 4       | 70  | 30  |
| BCA0504     | ASP.net Technologies                       | 4       | 70  | 30  |
| BCA0505     | Computer Oriented Statistical Methods      | 4       | 70  | 30  |
| BCA0504(P)  | ASP.net Technologies Lab IX                | 3       | 35  | 15  |
| BCA0505(P)  | Computer Oriented Statistical Method Lab X | 3       | 35  | 15  |
|             | Max. Marks. 600                            |         |     |     |

| Semester VI |                          |         |     |     |
|-------------|--------------------------|---------|-----|-----|
| Course Code | Title of the Course      | Credits | ESE | CCA |
| BCA0601     | Computer Networks        | 4       | 70  | 30  |
| BCA0602     | Numerical Methods        | 4       | 70  | 30  |
| BCA0603     | Multimedia Technology    | 4       | 70  | 30  |
| BCA0604     | Computer Graphics        | 4       | 70  | 30  |
| BCA0605     | Software Engineering     | 4       | 70  | 30  |
| BCA0604(P)  | Computer Graphics Lab XI | 3       | 35  | 15  |
| BCA0606     | Major Project            | 3       | 35  | 15  |
|             | Max. Marks. 600          |         |     |     |

#### B) Scheme of Examination

##### ADMISSIONS UNDER CHOICE BASED CREDIT AND SEMESTER SYSTEM (CBCS)

From the academic year 2014-15 onwards, the admission to first year of BCA (Bachelor of computer application) will be made under choice based credit system and semester system (CBCS) as notified by Director, Higher Education. Detailed examination scheme & informations in this regard is available on the HP University Website.

#### 1.10 Fee Structure

Fee Structure applicable for the academic session 2023-24 for BCA Course is given on page No.21

For More Detail Please Contact  
**Ms. Bhawana Thakur**  
 Co-ordinator,  
 Department of Computer Applications  
 Mobile - 82197-89429

# 3. Bachelor of Education (B.Ed.)

## Introduction

Education is an area of special emphasis and attention in Himachal Pradesh. The spread of education and the dissemination of knowledge are directly linked to the quality of teachers. So, in 1998 the Managing Committee decided to start B.Ed. course to impart high quality teacher-training to the students of our state. The Managing Committee maintains a high standard of education and has created the requisite infrastructure for running this course. The institute is committed to provide academic excellence, personality development, inter-personal innovative and communication skills to all its teacher trainees. The department has highly qualified and experienced faculty and a full-fledged professional training setup. The department is holding the rich tradition of excellence in education since last seventeen years and finds its place of pride as the top level amongst many institutions in the region.

## The Faculty

|  |   |
|--|---|
| Ms. Deepika                            | M.Sc., M.Ed.,                               |
| Dr. Savitri Sharma (Teacher-in-charge) | M.A., M. Ed., Ph.D.                         |
| Dr. Manju Garg                         | M.A., M.Ed., M.Phil., PGCTE, PGDTE, Ph.D.   |
| Dr. Suman Kumari Katoch                | M.Sc., M.Ed., M.Phil., Dip. in Yoga, Ph.D.. |
| Dr. Devender Kumar Sharma              | M.Sc., M.Ed., Ph.D.                         |
| Dr. Sangeeta Kumari                    | M.A., M.Ed., Ph.D.                          |

## Guest Faculty

|                    |                           |
|--------------------|---------------------------|
| Dr. Kavita Sharma  | M.A., M.Ed., M.Phil, Ph.D |
| Dr. Ranjana Thakur | M.A., M.Phil., Ph.D.      |
| Mr. Lokesh         | M.A. (Phy.Ed.), M. Phil.  |
| Ms. Rajni          | M.A. (Phy.Ed.), M. Phil.  |
| Ms. Vinti          | M.A. (Music), M. Phil.    |
| Mr. Surinder Singh | M.C.A., M. Phil.          |

## Audio-Visual Aids

|                 |                        |
|-----------------|------------------------|
| Mr. Lalit Kumar | Diploma in Electronics |
|-----------------|------------------------|

## 3.1 Eligibility and Procedure of Admission:

Admission to B.Ed. Course will be regulated and conducted as per the norms / guidelines prescribed by H.P. University, Shimla. The candidates with at least 50% marks either in the Bachelor's Degree (Medical / Non-medical / Commerce / Arts) and/or in the Master's Degree in the Sciences / Social Sciences / Humanities/ Commerce, Bachelor's in Engineering or Technology with specialization in Science and Mathematics with 55% marks or any other qualification equivalent thereto, and 45 percent marks in case of SC/ST/OBC/Physically handicapped categories in the aforesaid Bachelor's/Master's Degree and 50% marks for Bachelor's in Engineering or technology from a recognized University established by law in India are eligible for admission in the programme.

### Admission to the B. Ed. Course is subject based:

At the time of admission, each candidate shall opt for two teaching subjects. A candidate can opt only those teaching subjects, which he/she has studied at graduation/ post graduation level. The candidate must have studied the subjects of the subject combination for at least three years at Bachelor's level and two years at Master's level.

Honour's students shall opt for teaching subjects (one major subject in which they have obtained honour, and the other subsidiary subject which should have been studied at least for one year/one semester).

The candidates who have passed additional subjects at graduation level can opt for only those teaching subjects, marks of which are taken into account for the purpose of calculating percentage of marks at graduation level.

The following will be the teaching subject for the students of different streams as under:

### A. B.Com/M.Com students shall opt following teaching subjects:

- Teaching of one of the languages i.e. English/Hindi/Sanskrit.
- Teaching of Commerce.

### B. B.Sc. (Medical) graduates shall opt the following two teaching subjects:

- Teaching of Life Sciences
- Teaching of Physical Sciences

### C. B. Sc. (Non-medical) graduates shall opt the following two teaching subjects:

- Teaching of Mathematics
- Teaching of Physical Sciences

### D. Arts graduates shall opt following teaching subjects:

i) Teaching of Social Sciences: Teaching of Social Sciences shall be opted by the graduates who have taken any one of the following subjects at B.A./M.A. level:

- History
- Geography
- Political Science
- Sociology
- Economics
- Public Administration

OR

Teaching of Mathematics: It shall be opted by the graduates who have taken mathematics as one of the subjects at their graduation level.

ii) Teaching of any one of the languages i.e. English, Hindi and Sanskrit provided the candidate

## 3.2 Duration of the Course:

The B.Ed. programme through regular mode shall be of a minimum period of two academic years (spread across four semesters) and a maximum of three academic years from the date of admission of the candidate. The minimum attendance of students shall be 80% for Theory Courses and Practicum and 90% for Field Attachments / School Internship / Practice Teaching.

## 3.3 Total Number of Seats:

100

## 3.4 Reservation: As per H. P. University Roster

## 3.5 How to apply and documents to be attached with application:

The candidates will fill up the admission form attached with the prospects and will submit the same along-with the following copies of their certificates on or before the last date of submission as notified by the college in the academic calendar:

- Attested copy of Matriculation Certificate.
- Attested copy of Plus Two Certificate.
- Attested copy of B.A. / B. Com. /B.Sc. / B. P. E. S. Part III Certificate.
- Character Certificate issued by the institution last attended.
- Attested copy of relevant certificates.
- Affidavit and Character Certificate from 1st Class Officer if there are gap years.

## 3.6 SCHEME OF STUDIES: A candidate is required to take following courses in B. Ed. Programme (through regular mode)

| Course Code | Name of the Course | Theory Marks | Internal Assessment | Total Marks |
|-------------|--------------------|--------------|---------------------|-------------|
|-------------|--------------------|--------------|---------------------|-------------|

### B. Ed. First Semester

|           |  |    |    |     |
|-----------|--|----|----|-----|
| Paper I   | Childhood and Development Years        | 80 | 20 | 100 |
| Paper II  | Contemporary India and Education       | 80 | 20 | 100 |
| Paper III | Language Across the Curriculum         | 40 | 10 | 50  |
| Paper IV  | Understanding Disciplines and Subjects | 40 | 10 | 50  |
| Paper V   | Text Reading and Reflections           | 40 | 10 | 50  |

|                                      |                    |                  |                        |                 |
|--------------------------------------|--------------------|------------------|------------------------|-----------------|
| Total Marks in First Semester Course | Name of the Course | 280 Theory Marks | 70 Internal Assessment | 350 Total Marks |
|--------------------------------------|--------------------|------------------|------------------------|-----------------|

### B. Ed. Second Semester

|            |                            |    |    |     |
|------------|----------------------------|----|----|-----|
| Paper VI   | Learning and Teaching      | 80 | 20 | 100 |
| Paper VII  | Assessment for Learning    | 80 | 20 | 100 |
| Paper VIII | Drama and Art in Education | 40 | 10 | 50  |

Candidates are required to choose any two of the following subjects in Second Semester in accordance with the subjects studied at graduation level.

|                               |  |    |                      |                   |
|-------------------------------|--|----|----------------------|-------------------|
| Paper IX - A                  | Pedagogy of School Subjects (Part - 1) |    |                      |                   |
| Teaching of Physical Sciences | 40                                     | 10 | 50                   |                   |
| Teaching of Life Sciences     | 40                                     | 10 | 50                   |                   |
| Teaching of Mathematics       | 40                                     | 10 | 50                   |                   |
| Teaching of Social Sciences   | 40                                     | 10 | 50                   |                   |
| Teaching of Commerce          | 40                                     | 10 | 50                   |                   |
| Teaching of English           | 40                                     | 10 | 50                   | Teaching of Hindi |
|                               | 10                                     | 50 | Teaching of Sanskrit | 40                |

|         |                                      |  |  |  |
|---------|--------------------------------------|--|--|--|
| Paper X | Practice Teaching (4 Weeks Duration) | Grading (on Four Points Letter Grades) will be done on the basis of reports submitted by the students. |  |  |
|---------|--------------------------------------|--|--|--|

|                                |     |    |     |
|--------------------------------|-----|----|-----|
| Total Marks in Second Semester | 280 | 70 | 350 |
|--------------------------------|-----|----|-----|

### B. Ed. Third Semester

Candidates will continue with same two Teaching subjects in Third Semester which they have opted in the Second Semester

|                               |  |    |                      |                   |
|-------------------------------|--|----|----------------------|-------------------|
| Paper IX - B                  | Pedagogy of School Subjects (Part - 2) |    |                      |                   |
| Teaching of Physical Sciences | 40                                     | 10 | 50                   |                   |
| Teaching of Life Sciences     | 40                                     | 10 | 50                   |                   |
| Teaching of Mathematics       | 40                                     | 10 | 50                   |                   |
| Teaching of Social Sciences   | 40                                     | 10 | 50                   |                   |
| Teaching of Commerce          | 40                                     | 10 | 50                   |                   |
| Teaching of English           | 40                                     | 10 | 50                   | Teaching of Hindi |
|                               | 10                                     | 50 | Teaching of Sanskrit | 40                |

### School Internship / Practice Teaching

|                                      |  |     |
|--------------------------------------|--|-----|
| Paper XI - A                         | Skill in Teaching (School Subject - 1) | 125 |
| Paper XI - B                         | Skill in Teaching (School Subject - 2) | 125 |
| Total Marks in B. Ed. Third Semester | 80+250                                 | 20  |
|                                      |  | 350 |

### B. Ed. Fourth Semester

|           |                          |    |    |     |
|-----------|--------------------------|----|----|-----|
| Paper XII | Knowledge and Curriculum | 80 | 20 | 100 |
|-----------|--------------------------|----|----|-----|

|   |                                  |    |     |      |
|---|----------------------------------|----|-----|------|
| Paper XIII  | Gender, School and Society       | 40 | 10  | 50   |
| Paper XIV   | Inclusive School                 | 40 | 10  | 50   |
| Paper XV  | ICT in Teaching-Learning Process | 40 | 10  | 50   |
| Paper XVI   | Understanding the Self           | 40 | 10  | 50   |
| Candidates are required to choose any one of the following optional subjects in Fourth Semester |                                  |    |     |      |
| Paper XVII  | Health and Physical Education    | 40 | 10  | 50   |
| Paper XVIII   | Vocational and Work Education    | 40 | 10  | 50   |
| Paper XIX   | Education for Peace              | 40 | 10  | 50   |
| Paper XX  | Guidance and Counseling          | 40 | 10  | 50   |
| Total Marks in B.Ed.Fourth Semester   | 280                              | 70 | 350 |      |
| Grand Total Marks for B.Ed. Course  | 1170                             |    | 230 | 1400 |

## Fee & Funds for B.Ed. Course

| Fee & funds for Two years B.Ed. Course for the Academic Session 2022-23 |  |   |          |          |
|---|--|---|----------|----------|
| B.Ed. Two years   |  |   |          |          |
| SN.   | Heads  | 2 years   | 1st year | 2nd year |
| I   | Tuition Fee  | 84000   | 42000    | 42000    |
| II  | Annual Charges   |   |          |          |
| 1   | Admission Fee  | 1100  | 1100     | 0        |
| 2   | Re Admission Fee   | 0   | 0        | 0        |
|   | Continuation Fee   | 140   | 0        | 140      |
| 3   | Dilapidation / Repair & Replacement of Furniture & Books | 550   | 275      | 275      |
| 4   | College Badge  | 60  | 60       | 0        |
| 5   | Cultural Activities Fund                                 | 120   | 60       | 60       |
| 6   | House Examination  | 400   | 200      | 200      |
| 7   | Identity Card  | 60  | 30       | 30       |
| 8   | Magazine   | 80  | 40       | 40       |
| 9   | Medical  | 80  | 40       | 40       |
| 10  | Society Fund   | 60  | 30       | 30       |
| 11  | Sports Fee   | 120   | 60       | 60       |
| 12  | Student Aid Fund   | 280   | 140      | 140      |
| 13  | Water & Electricity                                      | 160   | 80       | 80       |
| 14  | PTA (College Fund)                                       | 400   | 200      | 200      |
| 15  | SCA (College Fund)                                       | 100   | 50       | 50       |
| 16  | NCC/NSS (College Fund)                                   | 40  | 20       | 20       |
| 17  | Prospectus Charges                                       | 900   | 450      | 450      |
|   | Total  | 4650  | 2835     | 1815     |
| III   | Monthly Charges  |   |          |          |
| 1   | Amalgamated Fund   | 2160  | 1080     | 1080     |
| 2   | Library Reading Room                                     | 1440  | 720      | 720      |
| 3   | Other Student Activities                                 | 1800  | 900      | 900      |
| 4   | Practical Fee  | 1800  | 900      | 900      |
| 5   | Computer Fee   | 3600  | 1800     | 1800     |
| 6   | Campus Development (College Fund)                        | 0   | 0        | 0        |
|   |  | 10800   | 5400     | 5400     |
| IV  | Library Security (Refundable)                            | 1000  | 1000     | 0        |
|   | Total of I + II + III + IV                               | 100450  | 51235    | 49215    |
| V   | University Charges                                       | The Levy charges @ 7% on tuition fee, other Fees Funds of University will be charged by th HPU as per existing rules of HPU Examination Fee @ Rs. 1400/- per semester |          |          |

Schedule & Fee Structure subjected to modifications as per the guidelines of H P University, Shimla/S.P.U./H.P. Govt.

For More Detail About B.P.Ed. & B.P.E.S.  
Please Contact

**Dr. Savitri Sharma**

Co-ordinator  
Department of Education  
Mobile: 9418095496

## 4. Bachelor of Physical Education (B.P.Ed.)

### Introduction

Physical Education trends have developed recently to incorporate a great variety of activities. It provides the necessary motivation for students to increase their activity and learn about different cultures. Also it leads us towards the harmonious development. Only well qualified and properly trained physical education teachers are the most essential ingredients of a quality physical education program. In India Physical Education is an important subject in school, college and university level. Today we require physical education teachers to be certified to teach physical education and health courses at International level.

Those students who are interested in physical education can opt this subject as a profession at different level of teaching and coaching. Keeping in mind the need of the hour, the college has started B.P.Ed. Course with the objective to produce highly skilled teachers in physical education with comprehensive development of physical, mental health, moral and human values so that these teachers can create a healthy society because a healthy society makes the nation strong and prosperous.

### The Faculty

|                                 |                           |
|---------------------------------|---------------------------|
| Mr. Lokesh Sharma (Coordinator) | M.A., M.Phil.             |
| Ms. Kamlesh Sen                 | M.A., M.Phil.             |
| Mr. Anil Guleria                | B.P.Ed., M.P.Ed., M.Phil. |
| Ms. Rajni Sharma                | B.P.Ed., M.P.Ed., M.Phil. |
| Mr. Dezu Ratan                  | M.P.Ed.                   |
| Mr. Surjeet Singh Thakur        | M.A., M.Phil.             |

### Ground Staff

|                    |            |
|--------------------|------------|
| Mr. Nagender Kumar | Ground Man |
| Mr. Aashiq Khan    | Ground Man |

### 4.1 Admission Procedure

Admission to B.P.Ed. Course will be regulated and conducted as per the norms/guidelines prescribed by H.P. University/S.P. University.

**4.2 Total number of seats:** 50

### 4.3 Reservation & Roster:

106 points reservation roster as evolved and adopted by H.P. University/S.P. University will be application for admission to B. P. Ed Course.

### 4.4 Eligibility:

(a) Bachelor's degree in any discipline with 50% marks and having at least participation in the Inter-College/ Inter-Zonal District/ School competition in sports and games as recognized by the AIU/IOA/SGFI/Govt. of India.

Or

(b) Bachelor's degree in physical education with 45% marks.

Or

© Bachelor's degree in any discipline with 45% marks and studied physical education as compulsory/ elective subject.

Or

(d) Bachelor's degree with 45% marks and having participated in National Inter University/ State competitions or secured 1st, 2nd or 3rd position in Inter College/ Inter-Zonal/ District/ School competition in sports and games as recognized by the AIU/IOA/SGFI/Govt. of India.

Or

(e) Bachelor's degree with participation in international competitions or secured 1st, 2nd or 3rd position in National/ Inter-University competition in sports and games as recognized by

respective federations/ AIU/IOA/SGFI/Govt. of India.

Or

(f) Graduation with 45% marks and at least three years of teaching experience (for deputed in-service candidates i.e. trained physical education teachers/ coaches)

Or

(g) Graduation with at least 45% marks, who has secured 1st, 2nd or 3rd position in Inter Collegiate Sports games tournaments / Possession of NCC "B" or "C" certificate in senior division or passed basic course in adventure sports.

The relaxation in the percentage of marks in the qualifying examination and in the reservation of seats for SC/ST/OBC and other categories shall be as per the rules of the Central Government / State Government, whichever is applicable,

### 4.5 Age Limit:

There is no age bar for admission in B.P.Ed.

### 4.6 How to apply and documents to be attached with application form

Same as 2.5 page 9.

### 4.7 Selection Procedure:-

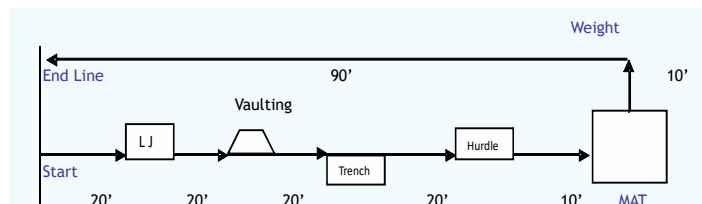
Selection of candidates will be made on the basis of their performance in the Physical Efficiency Test, Academics and Sports Achievements by the representative of H P University at MLSM College, Sundernagar.

#### A. Physical Efficiency Test:

Physical Efficiency Test shall be conducted by the H.P. University through the Chairman, Department of Physical Education, H.P. University, Shimla-5 at MLSM College on the date(s) given in the academic calendar of the course. Details of the Test are given below:

| Item                 | Men | Women |   |
|----------------------|-----|-------|---|
| 20' Long Jump        | 10' | 8'    | Report against the end line with in 35 seconds Carrying Weight equal to half of his/her own body weight in buckets. |
| 20' Vaulting Horse   | 5'  | 4'    |   |
| 20' Trench (7 Times) | 5'  | 4'    |   |
| 20' Hurdle           | 3'  | 2'    |   |
| 20' Mat (Front Roll) |     |       |   |

The candidate will start running from the starting line, cover the distance/obstacles as per the requirements of the chart. In case the candidate does not cover the required distance/obstacles within 35 seconds, he/she will be declared unfit for qualifying the Physical Efficiency Test. Not more than two chances will be given to clear Physical Efficiency Test.



For More Detail About B.P.Ed. & B.P.E.S.  
Please Contact

**Sh Lokesh Sharma**

Co-ordinator  
Department of Physical Education  
Mobile: 821907440

# Bachelor of Physical Education (B.P.Ed.)

## Note :-

i) Any candidate who has appeared in qualifying examination can appear in Physical Efficiency Test but his/her candidature for admission will be considered only if the candidate produces the qualifying examination original certificate at the time of personal interview in addition to other academic / Sports certificates authenticated by the concerned state agencies/authorities.

ii) The Physical Efficiency Test is only qualifying test for the admission in B.P.Ed. No Marks will be awarded for this test.

## B. Academic Performance and Achievements in Sports

After qualifying physical efficiency test the merit will be determined on the basis of total percentage of marks in qualifying examination + the weightage of the overall achievement in different sports/games given as under:

|           |   |
|-----------|---|
| 75 Points | Arjuna Award Winner   |
| 70 Points | 1 <sup>st</sup> Place in International Participation recognized by respective federations |
| 65 Points | 2 <sup>nd</sup> Place in International Participation recognized by respective federations |
| 60 Points | 3 <sup>rd</sup> Place in International Participation recognized by respective federations |
| 55 Points | Representation in International Participation recognized by respective federations        |
| 55 Points | National Record Holder  |
| 50 Points | 1 <sup>st</sup> Place in Senior National  |
| 45 Points | 2 <sup>nd</sup> Place in Senior National  |
| 40 Points | 3 <sup>rd</sup> Place in Senior National  |
| 30 Points | Participation in Senior National  |
| 45 Points | 1 <sup>st</sup> Place in Inter-University   |
| 40 Points | 2 <sup>nd</sup> Place in Inter-University   |
| 35 Points | 3 <sup>rd</sup> Place in Inter-University   |
| 30 Points | Participation in Inter-University   |
| 35 Points | 1 <sup>st</sup> Place in Junior / School National   |
| 30 Points | 2 <sup>nd</sup> Place in Junior / School National   |
| 25 Points | 3 <sup>rd</sup> Place in Junior / School National   |
| 20 Points | Participation in Junior/School National   |
| 25 Points | 1 <sup>st</sup> Place in State Level/University Level                                     |
| 20 Points | 2 <sup>nd</sup> Place in State Level/University Level                                     |
| 15 Points | 3 <sup>rd</sup> Place in State Level/University Level                                     |
| 10 Points | Participation in State Level/University Level   |
| 20 Points | 1 <sup>st</sup> Position in District/School Level   |
| 15 Points | 2 <sup>nd</sup> Position in District/School Level   |
| 10 Points | 3 <sup>rd</sup> Position in District/School Level   |
| 5 Points  | Participation in District/School Level  |

## Note:

i) Sports weightage will be given to those candidates who have participated in various games which are recognized by H.P. University Sports and Co-curricular Activity Council.

ii) Two additional points shall be awarded for each additional participation / position at International / National / Inter University / Junior National / National School Games level up to a maximum 6 points. One additional point shall be awarded for each additional position at State Level and University Level competition up to a maximum 3 points.

iii) Weightage of marks for National participation will be given to those candidates only who produce the certificate of Inter-

College/Inter University/Inter-Districts participation at the time of personal interview. The certificate of participation in National, Junior National will be considered only if the candidate produces the supporting certificate of lower participation in the concerned game i.e. Inter College position, State position or participation in Inter-College/State Championship.

iv) In case of tie of scores candidates who secure position in competition will be preferred according to level of competition. In case any doubt regarding the sports certificates produced by the candidate is raised it will be decided by the Expert Committee constituted by the Chairman, Department of Physical Education and his/her admission is likely to be cancelled if found defaulter.

v) The decision of the selection committee regarding admission will be final.

## 4.8 Counselling

Counselling for admission to B. P. Ed. Course will be held on dates specified in the academic calendar. The process of counselling will be completed within one day. Each candidate will be required to be personally present at the counselling venue. Candidates shall have to produce the required certificates/documents in original at the time of counselling. First installment of the fee must be deposited immediately after the confirmation of admission failing which the candidate will have no claim on the seat.

## 4.9 Duration, Course Content, Scheme of Examination

### A. Duration and Course Contents:

The Duration of B.P.Ed. Course is 2 years (4 Semesters).

The course of study for B.P.Ed. under CBCS Scheme.

### First Year (1st Semester):

|                |  |                                 |
|----------------|--|---------------------------------|
| BPEd-CC-0101   | History, Principles and foundation of physical education                           | Core Course I                   |
| BPEd-CC-0102   | Human Anatomy and physiology   | Core Course II                  |
| BPEd-CC-0103   | Health education and environmental studies   | Core Course III                 |
| BPEd-EC-0104   | Olympic movement   | Elective Course I (Any one)     |
| BPEd-EC-0105   | Curriculum design  | Practical Course I              |
| BPEd-PC-0106   | Games' practical (any one of the following game)                                   |                                 |
|                | 1. Kabaddi   |                                 |
|                | 2. Volley Ball   |                                 |
|                | 3. Hand Ball   |                                 |
|                | 4. Boxing  |                                 |
|                | 5. Wrestling   |                                 |
| BPEd-PC-0107   | Athletics' Practical (any one of the following events)                             | Practical Course II             |
|                | 1. Sprints, Middle Distance and Long Distance races                                |                                 |
|                | 2. Long Jump   |                                 |
|                | 3. Shot Put  |                                 |
|                | 4. Marking and Officiating of Athletic events included in 1 <sup>st</sup> semester |                                 |
| BPEd-PC-0108   | General lesson practical's (any one of the following activities)                   | Practical Course III            |
|                | 1. Calisthenics  |                                 |
|                | 2. March Past  |                                 |
|                | 3. Band  |                                 |
|                | 4. Lezium  |                                 |
|                | 5. Flag Hosting  |                                 |
| BPEd-ELPC-0109 | Human Anatomy and Physiology (Practical)   | Elective Lab Practical Course I |

# Bachelor of Physical Education (B.P.Ed.)

## First Year (2nd Semester):

|                |  |                                     |
|----------------|--|-------------------------------------|
| BPEd-CC-0201   | Yoga Education   | Core Course IV                      |
| BPEd-CC-0202   | Educational Technology and Methods of Teaching in Physical Education   | Core Course V                       |
| BPEd-CC-0203   | Kinesiology and Biomechanics   | Core Course VI                      |
| BPEd-EC-0204   | Contemporary Issues in Physical Education, Fitness and Wellness        | Elective Course II<br>(Any one)     |
| BPEd-EC-0205   | Philosophy and Administration of Recreation                            |                                     |
| BPEd-PC-0206   | Games' practicals (any one of the following game)                      | Practical Course IV                 |
|                | 1. Kho-Kho   |                                     |
|                | 2. Hockey  |                                     |
|                | 3. Cricket   |                                     |
|                | 4. Table Tennis  |                                     |
|                | 5. Weight lifting  |                                     |
| BPEd-PC-0207   | Athletics Practical (any one of the following events)                  | Practical Course V                  |
|                | 1. Relay Races   |                                     |
|                | 2. Discuss Throw   |                                     |
|                | 3. Triple Jump   |                                     |
|                | 4. Marking and Officiating of Athletic Events Included in 2nd Semester |                                     |
| BPEd-PC-0208   | Yoga Practical   | Yoga Practical VI                   |
| BPEd-ELPC-0209 | Kinesiology and Biomechanics (Practical)                               | Elective Lab<br>Practical Course II |

## Second Year (3rd Semester):

|              |  |                                   |
|--------------|--|-----------------------------------|
| BPEd-CC-0301 | Sports Training                                  | Core Course VII                   |
| BPEd-CC-0302 | Computer Applications in Physical Education      | Core Course VIII                  |
| BPEd-CC-0303 | Sports Psychology and Sociology                  | Core Course IX                    |
| BPEd-EC-0304 | Organization and Administration                  | Elective Course III               |
| BPEd-EC-0305 | Officiating and Coaching                         | (Any One)<br>Practical Course VII |
| BPEd-PC-0306 | Games' practical (any one of the following game) |                                   |
|              | 1. Football                                      |                                   |
|              | 2. Judo  |                                   |
|              | 3. Badminton                                     |                                   |
|              | 4. Basket Ball                                   |                                   |
| BPEd-PC-0307 | Athletics Practical (any one of the              | Practical Course VIII             |

1. following events)
2. Hurdles
3. Javelin Throw
4. High Jump

|                |   |                                      |
|----------------|---|--------------------------------------|
| BPEd-PC-0308   | Marking and Officiating of athletics events included in 3rd semester General lesson practical (any one of the following activities) | Practical Course IX                  |
|                | 1. Dumb-Bell  |                                      |
|                | 2. Class Formation  |                                      |
|                | 3. Indian Club  |                                      |
|                | 4. Ribbon and Rings   |                                      |
| BPEd-ELPC-0309 | Computer Application in Physical Education (Practical)  | Elective Lab<br>Practical Course III |

## Second Year (4th Semester)

|                |  |                                     |
|----------------|--|-------------------------------------|
| BPEd-CC-0401   | Measurement and Evaluation in Physical Education   | Core Course X                       |
| BPEd-CC-0402   | Sports Medicine, Physiotherapy and Rehabilitation  | Core Course XI                      |
| BPEd-CC-0403   | Research in Physical Education   | Core Course XII                     |
| BPEd-EC-0404   | Theory of Sports and Games   | Elective Course IV<br>(Any one)     |
| BPEd-EC-0405   | Sports Management  |                                     |
| BPEd-PC-0406   | Specialization in Game (any one game from games covered in Semester 1st to 3rd + officiating and marking)        | Practical Course X                  |
| BPEd-PC-0407   | Athletics Practicals (any one of the event chosen either from track and field events + officiating and marking): | Practical Course XI                 |
| BPEd-PC-0408   | Track Marking  | Practical Course XII                |
| BPEd-ELPC-0409 | Sports Medicine, Physiotherapy and Rehabilitation  | Elective Lab<br>Practical Course IV |

## B. Scheme of Examination:

Admission under choice based credit and semester system (CBCS) for BPEd 1st to 4th Semester students are to be evaluated according to the newly adopted choice based credit system (CBCS)

## 4.10 Uniform for B.P.Ed. & B.P.E.S. Students

### i) Winter Uniform for Men and Women

- Theory Classes : Grey Trousers a white shirt  
Blue Blyzer & Black Shoes
- Ground (Monday to Saturday)  
Track Suit, T-Shirt, Sport Shoes

### ii) Summer Uniform for Men & Women

- Theory Classes : Grey Trousers, White Shirt & Black Shoes
- Ground (Monday to Saturday)  
Track Suit, T-Shirt & Sport Shoes

## 5. Bachelor of Physical Education (B.P.E.S.)

### Introduction

With the objective to develop highly competent and skilled persons in the field of Physical Education and Social Welfare the college has started Bachelor of Physical Education & Sports (B.P.E.S.) three year degree course in the year 2008. Desirous a deserving students from every it corner of India are doing BPES course from this college. The college has a wonderful playground, adequate sports infrastructure facilities, fully equipped gymnasium, highly skilled and experienced faculty, coaches and ground staff, well stacked library to provide an ideal environment of all-round growth of the students.

### The Faculty

Same as in B.P.Ed. Course

### 5.1 Admission Procedure

Admission to B.P.E.S. Course will be regulated and conducted as per the norms/guidelines prescribed by H.P. University/S.P. University.

### 5.2 Total Number of Seats : 50

### 5.3 Reservation and Roster

As per H. P. University/S.P. University Guidelines

### 5.4 Eligibility

i) Candidate who has passed +2 Examination of H.P. Board of School Education or any other examination as equivalent thereto.

ii) Preference will be given to those candidates who are sportsman or had participated in Co-Curricular Activities.

### 5.5 Age Limit

No student who has crossed the age of 23 years as on 1st July of the relevant year will be allowed admission to the BPES course. However, the Vice-Chancellor, H.P. University/S.P. University has the power to relax the upper age limit by three months on the recommendation of the head of institution. The upper age limit can be relaxed by 3 years in the case of SC and ST Category.

### 5.6 How to Apply & Documents to be attached with Application

The candidates will fill up the admission form attached with the prospects and will submit the same along-with the following copies of their certificates on or before the last date of submission as notified by the college in the academic calendar of the course:

01. Attested copy of Matriculation Certificate.
02. Attested copy of Plus Two Certificate.
03. Character Certificate issued by the institution last attended.
04. Attested copy of relevant certificate of reserve category.
05. Affidavit and Character Certificate from 1st Class Officer if there are gap years.

### 5.7 Selection Procedure

Selection of candidates will be made on the basis of their performance in the Physical Efficiency Test, Academics and Sports



Achievements by the representative of the principal of MLSM College, Sundernagar.

### A Physical Efficiency Test

Same as 4.7A of B.P.Ed. Course

### B Academic Performance & Achievements in Sports

After qualifying physical efficiency test the merit will be determined on the basis of total percentage of marks in qualifying examination + the weightage of the overall achievement in different sports/games given as under:

|           |   |
|-----------|---|
| 50 Points | 1 <sup>st</sup> Place in Senior National          |
| 45 Points | 2 <sup>nd</sup> Place in Senior National          |
| 40 Points | 3 <sup>rd</sup> Place in Senior National          |
| 30 Points | Participation in Senior National                  |
| 35 Points | 1 <sup>st</sup> Place in Junior / School National |
| 30 Points | 2 <sup>nd</sup> Place in Junior / School National |
| 25 Points | 3 <sup>rd</sup> Place in Junior / School National |
| 20 Points | Participation in Junior / School National         |
| 25 Points | 1 <sup>st</sup> Place in State Level              |
| 20 Points | 2 <sup>nd</sup> Place in State Level              |
| 15 Points | 3 <sup>rd</sup> Place in State Level              |
| 10 Points | Participation in State Level                      |
| 20 Points | 1 <sup>st</sup> Place in District / School Level  |
| 15 Points | 2 <sup>nd</sup> Place in District / School Level  |
| 10 Points | 3 <sup>rd</sup> Place in District / School Level  |
| 05 Points | Participation in District / School Level          |

Note : The weightage of achievement in sports/games shall be given to only those sports/games which are approved and recognized by H.P. University/S.P. University Sports and Co-Curricular Activity Council.

### 5.8 Counselling

Counselling for admission to B.P.E.S. Course will be held on dates specified in the academic calendar. The process of counselling will be completed within one day. Each candidate will be required to be personally present at the counselling venue along with either of the parents. Candidates shall have to produce the required certificates/documents in original at the time of counselling. First installment of the fee must be deposited immediately after the confirmation of admission failing which the candidate will have no claim on the seat.

# Bachelor of Physical Education (B.P.E.S)

## 5.9 Duration, Course Content and Scheme of Examination

### A) Duration & Course Contents

The duration of BPES course is 3 Years (6 Semesters).

The Course of Study for BPES Under CBCS Scheme.

#### First Year (1st Semester)

|            |  |                                  |
|------------|--|----------------------------------|
|            | Hindi  | Compulsory I                     |
| BPE0101    | Human Anatomy and Physiology - I                         | Major Core Course I              |
| BPE0102    | History of Physical Education and Sports                 | Major Core Course II             |
| BPE0103    | Philosophy & Administration of Recreation                | } Elective Course I<br>(Any One) |
| BPE0104    | Sports Journalism  |                                  |
| BPE-P-0105 | Games' Practical<br>(on any one of the following game)   | Elective Ground Course I         |
|            | 1.Volleyball   |                                  |
|            | 2.Kabaddi  |                                  |
|            | 3.Hockey   |                                  |
|            | 4.Badminton  |                                  |
| BPE-P-0106 | Gymnastics' Practicals<br>(on any one of the activities) | Elective Ground Course II        |
|            | 1.Floor Exercises  |                                  |
|            | 2.Vaulting Horse   |                                  |
|            | 3.Parallel Bar   |                                  |
|            | 4.Balancing Beam   |                                  |
| BPE-P-0107 | Human Anatomy and Physiology I (Practical)               | Minor Elective Lab Course I      |

#### First Year (IInd Semester)

|         |  |                                   |
|---------|--|-----------------------------------|
|         | English  | Compulsory II                     |
| BPE0201 | Human Anatomy and Physiology-II  | Major Core Course III             |
| BPE0202 | Introduction to Physical Education                                       | Major Core Course IV              |
| BPE0203 | Health Education and Nutrition   | } Elective Course II<br>(Any One) |
| BPE0204 | Exercise Physiology  |                                   |
| BPE0205 | General Lessons' Practical :<br>(on any one of the following activities) | Elective Ground Course III        |
|         | 1.Marching   |                                   |
|         | 2.Calisthenics   |                                   |
|         | 3.Dumb-Bell  |                                   |
|         | 4.Band & Flute   |                                   |
| BPE0206 | Athletics Practicals<br>(On any one of the following athletic events)    | Elective Ground Course IV         |
|         | 1.Sprints  |                                   |
|         | 2.Long Jump  |                                   |
|         | 3.Shot Put   |                                   |
|         | 4.Relay  |                                   |
| BPE0207 | Human Anatomy and Physiology II (Practical)                              | Minor Elective Lab Course II      |

#### Second Year (Sem. III)

|          |   |                     |
|----------|---|---------------------|
|          | Environmental Science (Self Study Mode) | Compulsory III      |
| BPE 0301 | Fundamentals of Biomechanics in Sports  | Major Core Course V |



MLSM College organized the North Zone Inter Varsity Cricket Championship (Women)-2022

|            |   |                                  |
|------------|---|----------------------------------|
| BPE 0302   | Methods in Physical Education                                   | Major Core Course VI             |
| BPE 0303   | Yoga  | } Elective Course III<br>Any One |
| BPE 0304   | Adapted Physical Education                                      |                                  |
| BPE-P-0305 | Games' Practical<br>(on any one of the following games)         | Elective Ground Course V         |
|            | 1. Kho-Kho  |                                  |
|            | 2. Basketball   |                                  |
|            | 3. Judo   |                                  |
|            | 4. Boxing   |                                  |
|            | 5. Table Tennis   |                                  |
| BPE-P-0306 | Gymnastics' Practical<br>(on any one of the following activity) | Elective Ground Course VI        |
|            | 1. Uneven Bar (for women)                                       |                                  |
|            | 2. Rhythmic Gymnastics (for women)                              |                                  |
|            | 3. Horizontal Bar (for men)                                     |                                  |
|            | 4. Pomelled Horse (for men)                                     |                                  |
|            | 5. Roman Rings (for men)  |                                  |
| BPE-P-0307 | Yoga Practical  | Minor Elective Lab Course III    |

#### Second Year (Sem. IV)

|            |  |  |
|------------|--|--|
| BPE0401    | Remedial and Massage   | Major Core Course VII                                |
| BPE0402    | Organization and administration of Phy. Edu.   | Major Core course VIII                               |
| BPE0403    | Fundamentals of Sports Training  |  |
| BPE0404    | Officiating and Coaching<br>Specialization in the games<br>(on any one of the following games) | } Elective course IV<br>Any One<br>Elective course V |
| BPE0405    | Hockey   |  |
| BPE0406    | Kabaddi  |  |
| BPE0407    | Judo   |  |
| BPE0408    | Badminton  |  |
| BPE-P-0409 | General Lessons Practicals<br>(on any one the following activities)                            | Elective Ground Course VII                           |
|            | 1. Class Formation   |  |
|            | 2. Lazium  |  |
|            | 3. Indian Clubs & Rings  |  |
|            | 4. Aerobics  |  |
| BPE-P-0410 | Athletics' Practical<br>(on the one of the following events)                                   | Elective Ground Course VIII                          |

# Bachelor of Physical Education & Sports (B.P.E.S.)

1. Discus Throw
2. Triple Jump
3. Hurdles
4. Middle and long distance races

**BPE-P-0411 Remedial and Massage Practicals** Minor Elective Lab Course IV  
Any one the G.I. and H Course offered by the concerned college administration

## Third Year (Sem. V)

- |                   |   |                           |
|-------------------|---|---------------------------|
| <b>BPE-0501</b>   | Kinesiology Major   | Core Course IX            |
| <b>BPE-0502</b>   | Sports Sociology Major                                      | Core Course X             |
| <b>BPE-0503</b>   | Common Sports Injuries Prevention and Cure                  | Major Core Course XI      |
|                   | Specialization in the game (any one of the following games) | Elective Course VI        |
| <b>BPE0504</b>    | 1. Kho-Kho  |                           |
| <b>BPE0505</b>    | 2. Basketball   |                           |
| <b>BPE0506</b>    | 3. Boxing   |                           |
| <b>BPE0507</b>    | 4. Table Tennis   |                           |
| <b>BPE-P-0508</b> | Games' Practicals (any one of the following games )         | Elective Ground Course IX |
|                   | 1. Cricket  |                           |
|                   | 2. Hand Ball  |                           |
|                   | 3. Wrestling  |                           |
|                   | 4. Weightlifting  |                           |
|                   | 5. Football   |                           |
| <b>BPE-P-0509</b> | Athletics' Practical (any one of the following events)      | Elective ground course X  |
|                   | 1. High Jump  |                           |
|                   | 2. Hammer Throw   |                           |
|                   | 3. Javelin Throw  |                           |

4. Competitive Walking

**BPE-P-0510 Kinesiology Practical** Minor Elective Lab Course V

## Third Year (Sem. VI)

- |                   |  |                              |
|-------------------|--|------------------------------|
| <b>BPE-0601</b>   | Fundamental of Computer Application in Physical Education  | Major Core Course XII        |
| <b>BPE-0602</b>   | Sports Psychology  | Major Core Course XIII       |
| <b>BPE-0603</b>   | Test, Measurement and Evaluation Specialization in the game (any one of the following games):                                  | Major Core Course XIV        |
|                   | 1. Hockey  | Elective Course VI           |
| <b>BPE0604</b>    | 2. Kabaddi   |                              |
| <b>BPE0605</b>    | 3. Judo  |                              |
| <b>BPE0606</b>    | 4. Badminton   |                              |
| <b>BPE-P-0608</b> | Marking and Officiating in any two games (covered in course contents of semester 1st to 5th)                                   | Elective Ground Course XI    |
| <b>BPE-P-0609</b> | Marking & Officiating in Athletics (i.e. one track event and one field event covered in course content of semester 1st to 5th) | Elective ground course XII   |
| <b>BPE-P-0610</b> | Fundamental of Computer Application in Physical Education (Practical)  | Minor Elective Lab Course VI |

## B) Scheme of Examination

### ADMISSIONS UNDER CHOICE BASED CREDIT AND SEMESTER SYSTEM (CBCS)

For B.P.E.S. First to Sixth Semesters Students are to be evaluated according to the newly adopted choice based credit system (CBCS).

### 5.10 Fee Structure

For B.P.E.S. Course, the institute will charge the fee and funds according to the fee structure as mentioned at page No. 21



## 6. Master of Sciences

New horizons are opening in almost every sphere of life in the present world, whether social mechanical, biological, economic, or just abstract and each one is competing with every other to deliver their best so as to make the life of our coming generations easy, safe and more comfortable. In between all this, the beauty of basic sciences remains the guiding factor for every progress the applied fields can ever aspire for. That's why the basic sciences will never lose its spark.

MLSM College started the faculty of sciences in the year 1980 with just four faculty members and student strength of hardly 50 but with time, it flourished and the time was not far when college was known for its quality education in sciences. The students from the institution joined almost every stream of life with remarkable ease and excellence. There was a time when HP University was flooded with students from this college in M. Sc. (Physics and Chemistry) as the college had honours courses in both these subjects but there was a remarkable presence in biological sciences as well.

Thus keeping with the tradition of having one of the best faculty and infra structural facilities, the college started the post graduation in Chemistry, Physics, Botany and Zoology in the recent past and has delivered excellent results, competing with the best in the state.

The college has fully qualified and specialized faculty exclusively for the PG courses (Physics, Chemistry, Botany and Zoology). All the PG Courses have separate spacious infrastructure with modern laboratories.

The college conducts regular Academic Conferences/Workshops and Seminars to encourage academic interaction and a culture of research. For this, the college has established a Material Research Laboratory in the Department of Physics for PG students & teachers. This laboratory will also be useful for the students and teachers of the Departments of Chemistry and Biosciences. To enhance skills and employability of the students, the college has introduced certificate courses such as Python, LibreOffice Suite, ChemPaint, Avogadro, Fortran and C++ etc. under Spoken Tutorial, IIT, Mumbai along with many other certificate courses of Swayam, NPTEL and ARPIT.

For capability enhancement and development, the faculty of PG courses provide guidance for various competitive exams such as NET/SLET/HPAS/TET etc. The college has separate reading space in the library for PG students.

The meritorious students in Academics, Sports & Culture and from economically weaker sections will be given scholarship/financial support by the college. The fee for the academic year 2023-24 shall be payable in **three** installments instead of two installments.

### Following M.Sc. Courses available

1. M.Sc. Botany 30 seats\*
2. M.Sc. Zoology 30 Seats\*
3. M.Sc. Chemistry 40 seats\*
4. M.Sc. Physics 40 seats\*

**\*One supernumerary seat for single girl child is reserved in each PG Course subject to the approval by the HP University.**

### 6.1 Eligibility

- i. Candidates possessing a Bachelor's Degree (with the subject chosen for the Master's degree programme as major or minor or allied subject at the bachelor degree level) of HPU or any other University established by law in India or equivalent thereto are eligible for admission to the PG degree programmes (M.A., M.Sc. etc.).
- ii. The minimum eligibility for admission to postgraduate courses will be 20-24 credits in the subject concerned in the undergraduate degree.
- iii. Minimum 50% marks (45% in case of those belonging to Scheduled Caste and Scheduled Tribe categories) in the qualifying exam conducted by HPU.
- iv. A minimum of 40% marks (35% for SC and ST) in the Entrance Test.

### 6.2 Age Limit

Upper age limit 26 years for boys, 28 years for girls and 29 years in case of SC/ST candidates (both boys & girls) as on 1st July of the concerned year. **The relaxation in age will be according to the HPU/SPU norms.**

H.P. University/S.P. University has adopted the age relaxation up to a maximum of five years to a persons with disabilities.

|          |           |          |            |            |        |
|----------|-----------|----------|------------|------------|--------|
| 01       | 21        | 41ST     | 61CUL      | 81CUL      | 101    |
| 02       | 22        | 42       | 62         | 82         | 102    |
| 03       | 23        | 43       | 63         | 83         | 103    |
| 04       | 24        | 44       | 64         | 84         | 104    |
| 05       | 25        | 45       | 65SC       | 85SC       | 105SC  |
| 06SC     | 26SC      | 46SC     | 66HC       | 86         | 106ST  |
| 07       | 27ST      | 47       | 67ST       | 87         | 107ST  |
| 08       | 28        | 48       | 68         | 88         | 108    |
| 09       | 29        | 49       | 68         | 89         | 109    |
| 10       | 30        | 50       | 70         | 90         | 110    |
| 11       | 31        | 51       | 71         | 91SC       | 111    |
| 12SC     | 32        | 52SC     | 72SC       | 92         | 112    |
| 13       | 33SC      | 53ST     | 73         | 93ST       | 113SC  |
| 14       | 34HC      | 54       | 74         | 94         | 114    |
| 15       | 35        | 55       | 75         | 95         | 115    |
| 16       | 36        | 56       | 76         | 96         | 116    |
| 17       | 37        | 57       | 77         | 97SC       | 117SP  |
| 18SC     | 38CUL     | 58       | 78SC       | 98CUL      | 118CUL |
| 19SP     | 39SC      | 59SC     | 79SP       | 99SP       | 119SC  |
| 20CUL    | 40SP      | 60SP     | 80ST       | 100HC      | 120ST  |
| (HC-3%)3 | (CUL-5%)6 | (SP-5%)6 | (SC-15%)18 | (ST-7.5%)9 |        |

### 6.3 Admission Procedure

Admission to the M.Sc. Botany, Zoology, Chemistry and Physics Courses will be made in accordance with the norms prescribed by the Himachal Pradesh University.

### 6.4 Reservation and Roster

As per H.P. University/S.P. University norms a separate 120 Point Reservation Roster given for admission to M.Sc. (Botany / Zoology / Chemistry / Physics) for each category as mentioned will be maintained, which is operative from July, 2013, for Botany and Zoology and for chemistry and Physics from 2010.

### 6.5 How to Apply & Documents to be attached with Application

The candidates will fill up the admission form attached with the prospectus and will submit the same along-with the following copies of their certificates on or before the last date of submission as notified by the college in the academic calendar:

01. Attested copy of Matriculation Certificate
02. Attested copy of Plus Two Certificate
03. Attested copy of B.Sc. Part I Certificate
04. Attested copy of B.Sc. Part II Certificate
05. Attested copy of B.Sc. Part III Certificate
06. Original Character Certificate issued by the institution last attended.
07. Bonafied Himachali Certificate. (Aadhar Card)
08. Attested copy of relevant certificate of reserve (SC/ST/HC) category.
09. Affidavit & Character Certificate if there are gap years.
10. Merit certificates in sports as mentioned by HPU.
11. Extra co-curricular activity certificates.
12. Score Card of H P University Entrance Test (Mandatory)

### 6.6 Selection Procedure

The admission to these courses will be made strictly on the basis of marks obtained in the Entrance Test and shall be open to all, subject to the reservation approved by the University. The merit will be determined on the basis of competitive examination. The minimum qualifying marks for the Entrance Test will be 40% (in case of SC/ST candidates, the minimum qualifying marks shall be reduced until the full SC/ST quota for admission has been exhausted) for calling the candidates for Interview/Admission.

## 6.7 Counselling

Counselling for admission to M.Sc. Botany, Zoology, chemistry and Physics will be held on dates specified in the academic calendar. The process of counselling will be completed within one day. Each candidate will be required to be personally present at the counselling venue along with either of the parents. Candidates shall have to produce the required certificates/documents in original at the time of counselling. First installment of the fee must be deposited immediately after the confirmation of admission on the same date, failing which the candidate will have no claim on the seat.

## 6.8 M. Sc. Botany and Zoology (2 Year Full Time)

### Faculty

|  |  |
|--|--|
| Dr. (Mrs) Kiran Chauhan (Head of Deptt.) | M.Sc., M. Phil., Ph.D.                   |
| Dr. Vivek Kumar                          | M.Sc., M.Phil., Ph.D., MBA, PGDCA, PGDMC |
| Dr. Ranjeet Rana                         | M.Sc., M. Phil., Ph.D.                   |
| Mrs. Monika Guleria                      | M.Sc., M. Phil.                          |
| Mrs. Ranjana Thakur                      | M.Sc., M.Phil.                           |
| Ms. Shivender Kaur                       | M.Sc., M.Phil.                           |
| Dr. Romita Devi                          | M.Sc., M.Phil., Ph.D                     |
| Ms. Reeta Thakur                         | M.Sc.                                    |
| Dr. Manju Lata Sisodia                   | M.Sc., M.Phil., Ph.D.                    |
| Dr. Mrs. Parul Goel                      | M.Sc., Ph.D.                             |
| Dr. Nirja Kumari                         | M.Sc., M. Phil. Ph.D.                    |

### Laboratory Staff

Mr. Lakhmi Dutt  
Mr. Sat Pal  
Mr. Babloo  
Mr. Ghanshyam  
Vacant

## 6.8.1 Duration, Course Content, Scheme of Examination

### A) Duration of the Course

Duration of the M.Sc. Botany and Zoology Course will be two academic years spread over four semesters.

### b) Course Scheme -Choice Based Credit System (CBCS)

| OUTLINE OF COURSES FOR M. Sc. BOTANY<br>(Choice Based Credit System)  |  |       |           |
|---|--|-------|-----------|
| Course Code   | Course Name  | L+T+P | Credits   |
| <b>SEMESTER - I</b>   |  |       |           |
| MBOT-101  | Biology and Diversity of Algae and Fungi                           | 3+1+0 | 4         |
| MBOT-101 (P)  | Biology and Diversity of Algae and Fungi - Practical               | 0+0+2 | 2         |
| MBOT-102  | Cell and Molecular Biology (Common with MZOO-102)                  | 3+1+0 | 4         |
| MBOT-102 (P)  | Cell and Molecular Biology - Practical                             | 0+0+2 | 2         |
| MBOT-103  | Biochemistry and Metabolism (Common Course with MZOO-103)          | 3+1+0 | 4         |
| MBOT-103 (P)  | Biochemistry and Metabolism - Practical                            | 0+0+2 | 2         |
| MBOT-104  | Tools and Techniques in Biological Sciences (Common with MZOO-104) | 3+1+0 | 4         |
| MBOT-104 (P)  | Tools and Techniques in Biological Sciences - Practical            | 0+0+2 | 2         |
| <b>Total</b>  |  |       | <b>24</b> |
| <b>SEMESTER - II</b>  |  |       |           |
| MBOT-201  | Biology and Diversity of Microbes and Plant Pathogens              | 3+1+0 | 4         |
| MBOT-201 (P)  | Biology and Diversity of Microbes and Plant Pathogens - Practical  | 0+0+2 | 2         |
| MBOT-202  | Ecology and Environment (Common with MZOO-202)                     | 3+1+0 | 4         |
| MBOT-202 (P)  | Ecology and Environment - Practical                                | 0+0+2 | 2         |
| MBOT-203  | Cytogenetics and Evolution (Common with MZOO-203)                  | 3+1+0 | 4         |
| MBOT-203 (P)  | Cytogenetics and Evolution - Practical                             | 0+0+2 | 2         |
| MBOT-204  | Biostatistics and Bioinformatics (Common with MZOO-204)            | 3+1+0 | 4         |
| MBOT-204 (P)  | Biostatistics and Bioinformatics - Practical                       | 0+0+2 | 2         |
| <b>Total</b>  |  |       | <b>24</b> |
| <b>SEMESTER - III</b>   |  |       |           |
| MBOT-301  | Biology and Diversity of Bryophytes and Pteridophytes              | 3+1+0 | 4         |
| MBOT-301 (P)  | Biology and Diversity of Bryophytes and Pteridophytes - Practical  | 0+0+2 | 2         |
| MBOT-302  | Plant Physiology   | 3+1+0 | 4         |
| MBOT-302 (P)  | Plant Physiology - Practical                                       | 0+0+2 | 2         |
| MBOT-303  | Biology and Diversity of Gymnosperms                               | 3+1+0 | 4         |
| MBOT-303 (P)  | Biology and Diversity of Gymnosperms - Practical                   | 0+0+2 | 2         |
| MBOT-304  | Plant Biotechnology  |       |           |
| MBOT-304 (P)  | Plant Biotechnology - Practical                                    |       |           |
| MBOT-305  | Plant Propagation Techniques                                       |       |           |
| MBOT-305 (P)  | Plant Propagation Techniques - Practical                           |       |           |
| <b>Note: Select one Course of theory and one Course of practical out of MBOT-303, MBOT-304 and MBOT-305</b> |  |       |           |
| MBOT-306  | Biology and Diversity of Angiosperms                               | 3+1+0 | 4         |
| MBOT-306 (P)  | Biology and Diversity of Angiosperms - Practical                   | 0+0+2 | 2         |
| MBOT-307  | Tissue Culture and Horticultural Sciences                          |       |           |
| MBOT-307 (P)  | Tissue Culture and Horticultural Sciences - Practical              |       |           |
| MBOT-308  | Wood Science and Forest Biodiversity                               |       |           |
| MBOT-308 (P)  | Wood Science and Forest Biodiversity - Practical                   |       |           |
| <b>Note: Select one Course of theory and one Course of practical out of MBOT-306, MBOT-307 and MBOT-308</b> |  |       |           |
| <b>Total</b>  |  |       | <b>24</b> |

| SEMESTER – IV  |  |          |            |
|--|--|----------|------------|
| MBOT-401   | Anatomy, Palynology and Reproductive Biology of Angiosperms                                | 3+1+0    | 4          |
| MBOT-401 (P)   | Anatomy, Palynology and Reproductive Biology of Angiosperms - Practical                    | 0+0+2    | 2          |
| MBOT-402   | Plant Resource Utilization and Breeding  | 3+1+0    | 4          |
| MBOT-402 (P)   | Plant Resource Utilization and Breeding - Practical  | 0+0+2    | 2          |
| <b>Special Courses</b>   |  |          |            |
| MBOT-403(i)  | Advances in Mycology and Plant Pathology   | 3+1+0    | 4          |
| MBOT-403(i) (P)  | Advances in Mycology and Plant Pathology - Practical                                       | 0+0+2    | 2          |
| MBOT-403(ii)   | Advances in Applied Microbiology   | 3+1+0    | 4          |
| MBOT-403(ii) (P)   | Advances in Applied Microbiology - Practical   | 0+0+2    | 2          |
| MBOT-404(i)  | Ethnobotany and Biodiversity Conservation  |          |            |
| MBOT-404(i) (P)  | Ethnobotany and Biodiversity Conservation - Practical                                      |          |            |
| MBOT-404(ii)   | Ethnobotany, Bioprospecting and Traditional Knowledge                                      |          |            |
| MBOT-404(ii) (P)   | Ethnobotany, Bioprospecting and Traditional Knowledge - Practical                          |          |            |
| MBOT-405(i)  | Advances in Plant Physiology and Biochemistry - I  |          |            |
| MBOT-405(i) (P)  | Advances in Plant Physiology and Biochemistry - I Practical                                |          |            |
| MBOT-405(ii)   | Advances in Plant Physiology and Biochemistry - II   |          |            |
| MBOT-405(ii) (P)   | Advances in Plant Physiology and Biochemistry - II Practical                               |          |            |
| MBOT-406(i)  | Phytochemistry and Palynology of Plant Kingdom - I   |          |            |
| MBOT-406(ii) (P)   | Phytochemistry and Palynology of Plant Kingdom - I Practical                               |          |            |
| MBOT-406(iii)  | Phytochemistry and Palynology of Plant Kingdom - II  |          |            |
| MBOT-406(iii) (P)  | Phytochemistry and Palynology of Plant Kingdom - II Practical                              |          |            |
| <b>Note: Select one Specialization with two Courses of theory and two Courses of practical out of MBOT-403, MBOT-404, MBOT-405, MBOT-406</b> |  |          |            |
| MBOT-407   | PROJECT (Assigned in the 3 <sup>rd</sup> Semester and goes until 4 <sup>th</sup> Semester) | 4        | 4          |
| <b>Total</b>   |  | <b>4</b> | <b>28</b>  |
| <b>Total Credits (Semester I+II+III+IV = 24+24+24+28)</b>  |  |          | <b>100</b> |
| The students have to attain 100% credits (100 credits) as mentioned in scheme to get master degree in Botany (M.Sc. Botany).                 |  |          |            |

### SCHEME OF EXAMINATIONS:

| (i)                | Internal Assessment                                      | 40 marks         |
|--------------------|--|------------------|
| (a)                | Term Exam I + Attendance                                 | 15+5 = 20 marks  |
| (b)                | Term Exam II + Attendance                                | 15+5 = 20 marks  |
| (ii)               | End-Semester Examination                                 | 40 marks         |
| (a)                | Theory Examination                                       | 40 marks         |
| (b)                | Practical Examination (Execution-12, Viva-05, Record-03) | 20 marks         |
| <b>Grand Total</b> |  | <b>100 Marks</b> |

### M. Sc. Zoology (2022-23 onwards)

#### COURSE SCHEME - CHOICE BASED CREDIT SYSTEM (CBCS)

| COURSE CODE  | COURSE NAME   | L+T+P | CREDITS   |
|--|---|-------|-----------|
| <b>SEMESTER I</b>  |   |       |           |
| MZOO-101   | Biosystematics and Taxonomy   | 3+1+0 | 4         |
| MZOO-102   | Cell and Molecular Biology (Common course with MBOT-102)                  | 3+1+0 | 4         |
| MZOO-103   | Biochemistry and Metabolism (Common course with MBOT-103)                 | 3+1+0 | 4         |
| MZOO-104   | Tools and Techniques in Biological Sciences (Common course with MBOT-104) | 3+1+0 | 4         |
| MZOO-101 (P)   | Biosystematics and Taxonomy-Practical                                     | 0+0+2 | 2         |
| MZOO-102 (P)   | Cell and Molecular Biology-Practical                                      | 0+0+2 | 2         |
| MZOO-103 (P)   | Biochemistry and Metabolism-Practical                                     | 0+0+2 | 2         |
| MZOO-104 (P)   | Tools and Techniques in Biological Sciences-Practical                     | 0+0+2 | 2         |
| <b>TOTAL CREDITS</b>   |   |       | <b>24</b> |
| <b>SEMESTER II</b>   |   |       |           |
| MZOO-201   | Structure and Functions of Invertebrates& Vertebrates                     | 3+1+0 | 4         |
| MZOO-202   | Ecology & Environment (Common course with MBOT-202)                       | 3+1+0 | 4         |
| MZOO-203   | Cytogenetics and Evolution (Common course with MBOT-203)                  | 3+1+0 | 4         |
| MZOO-204   | Biostatistics and Bioinformatics (Common course with MBOT-204)            | 3+1+0 | 4         |
| MZOO-201 (P)   | Structure and Functions of Invertebrates& Vertebrates-Practical           | 0+0+2 | 2         |
| MZOO-202 (P)   | Ecology & Environment-Practical   | 0+0+2 | 2         |
| MZOO-203 (P)   | Cytogenetics and Evolution-Practical                                      | 0+0+2 | 2         |
| MZOO-204 (P)   | Biostatistics and Bioinformatics-Practical                                | 0+0+2 | 2         |
| <b>TOTAL CREDITS</b>   |   |       | <b>24</b> |
| <b>SEMESTER III</b>  |   |       |           |
| MZOO-301   | Insect Diversity and Physiology   | 3+1+0 | 4         |
| MZOO-302   | Animal Physiology   | 3+1+0 | 4         |
| MZOO-303   | Protein Structure, Function and Evolution                                 | 3+1+0 | 4         |
| MZOO-304   | Mammalian Neurobiology  | 3+1+0 | 4         |
| MZOO-305   | Biology of Parasites  | 3+1+0 | 4         |
| MZOO-306   | Disease Biology   | 3+1+0 | 4         |
| MZOO-307   | Limnology   | 3+1+0 | 4         |
| MZOO-308   | Animal Behaviour  | 3+1+0 | 4         |
| MZOO-301(P)  | Insect Diversity and Physiology-Practical                                 | 0+0+2 | 2         |
| MZOO-302(P)  | Animal Physiology-Practical   | 0+0+2 | 2         |
| MZOO-303(P)  | Protein Structure, Function and Evolution -Practical                      | 0+0+2 | 2         |
| MZOO-304(P)  | Mammalian Neurobiology -Practical   | 0+0+2 | 2         |
| MZOO-305(P)  | Biology of Parasites-Practical  | 0+0+2 | 2         |
| MZOO-306(P)  | Disease Biology-Practical   | 0+0+2 | 2         |
| MZOO-307(P)  | Limnology-Practical   | 0+0+2 | 2         |
| MZOO-308(P)  | Animal Behaviour-Practical  | 0+0+2 | 2         |
| <b>TOTAL CREDITS</b>   |   |       | <b>24</b> |
| <b>NOTE: SELECT TWO COURSES OF THEORY AND TWO COURSES OF PRACTICAL OUT OF MZOO- 303 TO MZOO- 308</b> |   |       |           |
| <b>SEMESTER IV</b>   |   |       |           |
| MZOO-401   | Developmental Biology   | 3+1+0 | 4         |
| MZOO-402   | Applied Zoology   | 3+1+0 | 4         |
| MZOO-401(P)  | Developmental Biology-Practical   | 0+0+2 | 2         |
| MZOO-402(P)  | Applied Zoology-Practical   | 0+0+2 | 2         |
| <b>SPECIALIZATIONS</b>   |   |       |           |
| MZOO-403   | <b>ENTOMOLOGY</b>   |       |           |
| MZOO-403(i)  | Advance Topics in Entomology  | 3+1+0 | 4         |
| MZOO-403(ii)   | Medical Entomology and Vector Biology                                     | 3+1+0 | 4         |
| MZOO-403(iii)  | Advance Topics in Entomology -Practical                                   | 0+0+2 | 2         |
| MZOO-403(iii)(P)   | Medical Entomology and Vector Biology-Practical                           | 0+0+2 | 2         |
| MZOO-404   | <b>FISH AND FISHERIES</b>   |       |           |
| MZOO-404(i)  | Fish and Fisheries-I  | 3+1+0 | 4         |
| MZOO-404(ii)   | Fish and Fisheries-II   | 3+1+0 | 4         |
| MZOO-404(iii)(P)   | Fish and Fisheries-I- Practical   | 0+0+2 | 2         |
| MZOO-404(iii)(P)   | Fish and Fisheries-II- Practical  | 0+0+2 | 2         |
| MZOO-405   | <b>CYTOGENETICS</b>   |       |           |
| MZOO-405(i)  | Cytogenetics-I  | 3+1+0 | 4         |
| MZOO-405(ii)   | Cytogenetics-II   | 3+1+0 | 4         |
| MZOO-405(iii)(P)   | Cytogenetics-I- Practical   | 0+0+2 | 2         |
| MZOO-405(iii)(P)   | Cytogenetics-II- Practical  | 0+0+2 | 2         |

|   |   |       |            |
|---|---|-------|------------|
| MZOO-406  | <b>BIODIVERSITY AND WILDLIFE</b>        |       |            |
| MZOO-406(i)   | Biodiversity and Wildlife-I             | 3+1+0 | 4          |
| MZOO-406(ii)  | Biodiversity and Wildlife-II            | 3+1+0 | 4          |
| MZOO-406(i)(P)  | Biodiversity and Wildlife-I- Practical  | 0+0+2 | 2          |
| MZOO-406(ii)(P)   | Biodiversity and Wildlife-II- Practical | 0+0+2 | 2          |
| MZOO-407  | <b>ANIMAL PHYSIOLOGY</b>                |       |            |
| MZOO-407(i)   | Molecular Physiology                    | 3+1+0 | 4          |
| MZOO-407(ii)  | Comparative Endocrinology               | 3+1+0 | 4          |
| MZOO-407(i)(P)  | Molecular Physiology-Practical          | 0+0+2 | 2          |
| MZOO-407(ii)(P)   | Comparative Endocrinology-Practical     | 0+0+2 | 2          |
| MZOO-408  | <b>PARASITOLOGY</b>                     |       |            |
| MZOO-408(i)   | Parasitology                            | 3+1+0 | 4          |
| MZOO-408(ii)  | Medical Parasitology                    | 3+1+0 | 4          |
| MZOO-408(i)(P)  | Parasitology- Practical                 | 0+0+2 | 2          |
| MZOO-408(ii)(P)   | Medical Parasitology- Practical         | 0+0+2 | 2          |
| MZOO-409  | <b>Project Report**</b>                 | 4     | 4          |
| <b>TOTAL CREDITS</b>  |   |       | <b>28</b>  |
| <b>NOTE: SELECT ONE SPECIALIZATION WITH TWO COURSES OF THEORY ALONG WITH THEIR PRACTICAL OUT OF MZOO-403 TO MZOO- 408</b>           |   |       |            |
| <b>GRAND TOTAL (I+ II + III + IV)</b>   |   |       | <b>100</b> |
| <b>The students have to attain 100% credits (100 credits) as mentioned in scheme to get master degree in Zoology (MSc Zoology).</b> |   |       |            |

#### SCHEME OF EXAMINATIONS

|             |   |                  |
|-------------|---|------------------|
| <b>(i)</b>  | <b>Internal Assessment</b>                                  | <b>40 marks</b>  |
| (a)         | Mid Term Exam I + Attendance                                | 15+5= 20marks    |
| (b)         | Mid Term Exam II + Attendance                               | 15+5 = 20 marks  |
| <b>(ii)</b> | <b>End-Semester Examination</b>                             | <b>40 marks</b>  |
| (a)         | Theory Examination  | 40 marks         |
| (b)         | Practical Examination<br>(Execution-12, Viva-05, Record-03) | 20 marks         |
|             | <b>Grand Total</b>  | <b>100 Marks</b> |

**For more Detail Please Contact**  
**Ms. Kiran Chauhan Mob. : 82191 66427**  
**Off. 01907-266339, 01907-267339**  
**Department of Biosciences**

### 6.9 M.Sc.Chemistry (2 Year Full Time)

#### Faculty

|                           |   |
|---------------------------|---|
| Dr. Sudhir Kumar (H.O.D.) | M.Sc., M. Phil., Ph.D.                          |
| Dr. Naresh Kumar          | M.Sc., M. Phil., Ph.D, PGD. Anal. Chem.         |
| Dr. Vandana Sethi         | B.Ed., M.Sc., M. Phil., Ph. D.                  |
| Dr. Sonika Sharma         | M.Sc., M. Phil., Ph.D.                          |
| Dr. Rajni                 | B.Ed., M.Sc., M. Phil., Ph.D.                   |
| Dr. Vandna Kumari         | M.Sc., M. Phil., Ph.D.                          |
| Dr. Neha Sen              | M.Sc., Ph.D.                                    |
| Dr. Vandana Sharma        | M.Sc., Ph.D.                                    |
| Mr. Ashish                | M.Sc., M. Phil.                                 |
| Dr. Vivek Sharma          | M.Sc., M. Phil., Ph.D.                          |
| Dr. Priyanka Chauhan      | M.Sc., M. Phil, Ph. D.,<br>Post Doctoral Fellow |

#### Laboratory Staff

Mr. Krishan Singh  
 Mr. Goverdhan Singh  
 Mrs. Rama Kumari  
 Mr. Kamlesh

### 6.10.1 Duration, Course Content, Scheme of Examination

Duration of the M.Sc. Chemistry Course will be two academic years spread over four semesters.

| A Scheme and Course Contents of the Syllabi for M.Sc. Chemistry |                                       |             |           |                         |   |
|---|---------------------------------------|-------------|-----------|-------------------------|---|
| Course number   | Course Title                          | Course Type | Credits   | Teaching Hours per week | Maximum marks theory + Internal assessment =Total Marks |
| <b>Semester I</b>   |                                       |             |           |                         |   |
| CHEM 101  | Inorganic Chemistry Theory -I         | CP          | 4         | 4                       | 80+20=100   |
| CHEM 102  | Organic Chemistry Theory -I           | CP          | 4         | 4                       | 80+20=100   |
| CHEM 103  | Physical Chemistry Theory -I          | CP          | 4         | 4                       | 80+20=100   |
| CHEM 104  | Mathematics for Chemists              | GE          | 3         | 3                       | 40+10=50  |
| CHEM 105  | Applications of computer in Chemistry | SEC         | 3         | 3                       | 40+10=50  |
| CHEM 106  | Inorganic Chemistry Practical -I      | CP          | 3         | 6                       | 50  |
| CHEM 107  | Organic Chemistry Practical -I        | CP          | 3         | 6                       | 50  |
| CHEM 108  | Physical Chemistry Practical -I       | CP          | 3         | 6                       | 50  |
| <b>Total</b>  |                                       |             | <b>27</b> |                         | <b>550</b>  |
| <b>Semester II</b>  |                                       |             |           |                         |   |
| CHEM 201  | Inorganic Chemistry Theory -2         | CP          | 4         | 4                       | 80+20=100   |
| CHEM 202  | Organic Chemistry Theory -2           | CP          | 4         | 4                       | 80+20=100   |
| CHEM 203  | Physical Chemistry Theory -2          | CP          | 4         | 4                       | 80+20=100   |
| CHEM 204  | Chemistry of Life Science             | GE          | 3         | 3                       | 40+10=50  |
| CHEM 205  | Environmental Chemistry               | GE          | 3         | 3                       | 40+10=50  |
| CHEM 206  | Inorganic Chemistry Practical -2      | CP          | 3         | 6                       | 50  |
| CHEM 207  | Organic Chemistry Practical -2        | CP          | 3         | 6                       | 50  |
| CHEM 208  | Physical Chemistry Practical -2       | CP          | 3         | 6                       | 50  |
| <b>Total</b>  |                                       |             | <b>27</b> |                         | <b>550</b>  |

| Semester III   |   |     |           |   |                                    |
|--|---|-----|-----------|---|------------------------------------|
| <b>Students will opt one DSE course as per SPU Mandi</b>                                     |   |     |           |   |                                    |
| CHEM 301   | Inorganic Chemistry Theory -3   | CP  | 4         | 4 | 80+20=100                          |
| CHEM 302   | Organic Chemistry Theory -3   | CP  | 4         | 4 | 80+20=100                          |
| CHEM 303   | Physical Chemistry Theory -3  | CP  | 4         | 4 | 80+20=100                          |
| CHEM 304   | Inorganic Chemistry Special Theory -I   | DSE | 4         | 4 | 80+20=100                          |
| CHEM 305   | Organic Chemistry Special Theory -I   | DSE | 4         | 4 | 80+20=100                          |
| CHEM 306   | Physical Chemistry Special Theory -I  | DSE | 4         | 4 | 80+20=100                          |
| CHEM 307   | Inorganic Chemistry Practical -3  | CP  | 3         | 6 | 50                                 |
| CHEM 308   | Organic Chemistry Practical -3  | CP  | 3         | 6 | 50                                 |
| CHEM 309   | Physical Chemistry Practical -3   | CP  | 3         | 6 | 50                                 |
| <b>Total</b>   |   |     | <b>25</b> |   | <b>550</b>                         |
| Semester IV  |   |     |           |   |                                    |
| <b>Students will opt DSE courses (four theory courses + one practical) as per SPU Mandi.</b> |   |     |           |   |                                    |
| CHEM 401   | Inorganic Chemistry Special Theory -2<br>(Advanced Organometallics)               | DSE | 4         | 4 | 80+20=100                          |
| CHEM 402   | Inorganic Chemistry Special Theory -3<br>(Modern Techniques of Chemical Analysis) | DSE | 4         | 4 | 80+20=100                          |
| CHEM 403   | Inorganic Chemistry Special Theory -4<br>(Inorganic Spectroscopy)                 | DSE | 4         | 4 | 80+20=100                          |
| CHEM 404   | Inorganic Chemistry Special Theory -5<br>(Bio-Inorganic Chemistry)                | DSE | 4         | 4 | 80+20=100                          |
| CHEM 405   | Organic Chemistry Special Theory -2<br>(Organic Synthesis)                        | DSE | 4         | 4 | 80+20=100                          |
| CHEM 406   | Organic Chemistry Special Theory -3<br>(Natural products)                         | DSE | 4         | 4 | 80+20=100                          |
| CHEM 407   | Organic Chemistry Special Theory -4<br>(Medicinal Chemistry)                      | DSE | 4         | 4 | 80+20=100                          |
| CHEM 408   | Organic Chemistry Special Theory -5<br>(Polymer Chemistry)                        | DSE | 4         | 4 | 80+20=100                          |
| CHEM 409   | Physical Chemistry Special Theory -2<br>(Advanced Quantum Chemistry)              | DSE | 4         | 4 | 80+20=100                          |
| CHEM 410   | Physical Chemistry Special Theory -3<br>(Solid State Chemistry)                   | DSE | 4         | 4 | 80+20=100                          |
| CHEM 411   | Physical Chemistry Special Theory -4<br>(Biophysical Chemistry)                   | DSE | 4         | 4 | 80+20=100                          |
| CHEM 412   | Physical Chemistry Special Theory -5<br>(Chemistry of Macromolecules)             | DSE | 4         | 4 | 80+20=100                          |
| CHEM 413   | Inorganic Chemistry Special Practical -1  | DSE | 6         | 8 | 100                                |
| CHEM 414   | Organic Chemistry Special Practical -1  | DSE | 6         | 8 | 100                                |
| CHEM 415   | Physical Chemistry Special Practical -1   | DSE | 6         | 8 | 100                                |
| CHEM 416   | Two Seminar*  | AEC | 4         | 8 | 50<br>A Single award list, 25x2=50 |
| <b>Total</b>   |   |     | <b>26</b> |   | <b>550</b>                         |

The abbreviations use in the above course types are as follows: Core papers = CP, Discipline Specific Elective = DSE, Generic Elective = GE, Ability Enhancement Courses= AEC, Skill Enhancement Courses =SEC.

i. For Internal Assessment (I.A.), the following criteria will be implemented with regards to the award of internal assessment: Internal Assessment (IA) of 20 Marks will be added to each theory paper. These marks would however be split as follows:

a) 5 Marks for the attendance in theory as well as in practical classes. The weightage to attendance will be as follows: upto 75% with condonation from competent authority as per provision under ordinance-ZERO. Without condonation upto 75%- ONE MARK, 76-80%- TWO MARKS, 81-85% THREE MARKS, 86-90%- FOUR MARKS and above 91% FIVE MARKS.

b) The award of 15 Marks would be based on the performance of one class test of 15 marks and this test will consist of both subjective as well as objective type questions.

c) For practical examination will include marks of practical and internal assessment of practical (20%) for each practical course.

ii. The pass percentage will be 40% for the M. Sc (Chemistry). The detail of pass percentage will be as under:

A. In Theory - 40% (32/80)

B. In I.A. - 40% (08/20)

C. In Practical- 40% (20/50)

#### Note:

i. For Internal Assessment (I.A.), the following criteria will be implemented with regards to the award of internal assessment: Internal Assessment (IA) of 20 Marks will be added to each theory paper. These marks would however be split as followings:

a) 5 Marks for the attendance in theory as well as in practical classes. The weightage to attendance will be as follows: upto 75% with condonation from competent authority as per provision under ordinance-ZERO. Without condonation upto 75%- ONE MARK. 76-80%- TWO MARKS, 81-85% THREE MARKS, 86-90%- FOUR MARKS and above 91% FIVE MARKS.

b) The award of 15 Marks would be based on the performance of one class test of 15 marks and this test will consist of both subjective as well as objective type questions.

c) For practical examination will include marks of practical and internal assessment of practical (20%) for each practical course.

ii. The pass percentage will be 40% for the M. Sc (Chemistry). The detail of pass percentage will be as under:

A. In Theory - 40% (32/80)

B. In I.A. - 40% (08/20)

C. In Practical- 40% (20/50)

**For More Detail Please Contact**

**Dr. Sudhir Sharma (H.O.D.)**

**94183-00029**

**Off. 01907-266339, 01907-267339**

**Department of Chemistry**

## 6.10 M. Sc. Physics (2 Year Full Time)

### Faculty

|  |                       |
|--|-----------------------|
| Dr. Kameshwar Kumar (Head of Department) | M.Sc., M.Phil., Ph.D  |
| Dr. Vinod kumar                          | M.Sc., M.Phil., Ph.D. |
| Mr. Dharmender Rana                      | M.Sc.                 |
| Dr. Mainika Kapoor                       | M.Sc., M.Phil., Ph.D. |
| Dr. Kuldeep Singh                        | M.Sc., Ph.D.          |
| Dr. Ashish Gautam                        | M.Sc., M.Phil., Ph.D. |
| Dr. Sonu Sharma                          | M.Sc., M.Phil., Ph.D. |
| Mr. Yogesh Thakur                        | M.Sc., M. Phil.       |

### Laboratory Staff

Mr. Mast Ram  
Mr. Mahender

### Lab Technician

Mr. Rajnikant

## 6.11.1 Duration, Course Content, Scheme of Examination

### A) Duration of the Course

Duration of the M.Sc. Physics Course will be two academic years spread over four semesters.

### B) Course Content & Scheme of Examination

The Course Content and Scheme of Examination are as under:

| Semester - I  | Max. Marks                               | (Credits) |
|---|--|-----------|
| Course-PHYMS-101 Mathematical Physics   | 80+20 I.A                                | (4)       |
| Course-PHYMS-102 Classical Mechanics  | 80+20 I.A                                | (4)       |
| Course-PHYMS-103 Electronics-I  | 80+20 I.A                                | (4)       |
| Course-PHYMS-104 Computational Methods in Physics   | 80+20 I.A                                | (4)       |
| Course-PHYMS-105 Laboratory   | 80+20 I.A                                | (6)       |
| Additional Optional Course I- PHYMS-106<br>Computer Application in Physics Nodal Center based | 80 (Theory 40 +<br>Practical 40) +20 I.A | (3)       |

| Semester - I   | Max. Marks                               | (Credits) |
|--|--|-----------|
| Course-PHYMS-201 Quantum Mechanics - I   | 80+20 I.A                                | (4)       |
| Course-PHYMS-202 Condensed Matter Physics  | 80+20 I.A                                | (4)       |
| Course-PHYMS-203 Statistical Physics   | 80+20 I.A                                | (4)       |
| Course-PHYMS-204 Electrodynamics   | 80+20 I.A                                | (4)       |
| Course-PHYMS-205 Laboratory  | 80+20 I.A                                | (6)       |
| Additional Optional Course II- PHYMS-206<br>Computer Application in Physics Nodal Center based | 80 (Theory 40 +<br>Practical 40) +20 I.A | (3)       |

| Semester - III                        | Max. Marks | (Credits) |
|---------------------------------------|------------|-----------|
| Course-PHYMS-301 Quantum Mechanics-II | 80+20 I.A  | (4)       |
| Course-PHYMS-302 Material Science     | 80+20 I.A  | (4)       |
| Course-PHYMS-303 Nuclear Physics      | 80+20 I.A  | (4)       |
| Course-PHYMS-304 High Energy Physics  | 80+20 I.A  | (4)       |
| Course-PHYMS-305 Laboratory           | 80+20 I.A  | (6)       |

| Semester - IV   | Max. Marks | (Credits) |
|---|------------|-----------|
| Course-PHYMS-401 Electronics-II   | 80+20 I.A  | (4)       |
| Course-PHYMS-402 Elective Papers one of the following<br>(I) PHYMS-402 (a) Advanced High Energy Physics<br>(ii) PHYMS-402 (b) Nuclear & Particle Astrophysics<br>(iii) PHYMS-402 (C) Advanced Quantum Mechanics | 80+20 I.A  | (4)       |
| Course-PHYMS-403 Elective Papers one of the following<br>(I) PHYMS-403 (a) Nano Physics<br>(ii) PHYMS-403 (b) Mesoscopic Physics<br>(iii) PHYMS-403 (C) Advanced Computational Physics                          | 80+20 I.A  | (4)       |
| Course-PHYMS-404 Elective Papers one of the following<br>(I) PHYMS-404 (a) Advanced Nuclear Physics<br>(ii) PHYMS-404 (b) Nuclear Technology<br>(iii) PHYMS-404 (C) Opto-Electronics                            | 80+20 I.A  | (4)       |
| Course-PHYMS-405 Project  | 100        | (10)      |

**Note:** Internal Assessment (IA) of 20 Marks will be added to each theory paper. These marks would, however be split as following (a) 5 Marks for the attendance in theory as well as in practical classes.

The Weightage of attendance will be as follows:

- ❖ Up to 75% with condonation from the competent authority as per provision under hpu ordinances **Zero mark.**
- ❖ Without condonation upto 75% **One mark.**
- ❖ 76-80% **Two marks.**
- ❖ 81- 85% **Three marks.**
- ❖ 86-90-% **Four marks.**
- ❖ And above 90% **Five marks.**

The award of 15 Marks would be based on the performance of Two House Tests. The pass percentage in each theory paper is 40%.

For More Detail Please Contact  
Dr. Kameshwar Kumar (H.O.D.)  
Mob. 70187-64140  
Off. 01907266339, 01907-267339  
Department of Physics

### Newly Added Instruments in Material Research Laboratory



Hydraulic Press



Muffle Furnace



SMU (Source Measurement Unit)



Magnetic Stirrer with Hotplate



## 7. Schedule of Fees & Funds

| Schedule of Fee & Funds for Self-financing Courses for the Academic Session 2023-24  |   |             |              |              |              |              |              |
|--|---|-------------|--------------|--------------|--------------|--------------|--------------|
| S.N.   | Head  | Amount      | PG Classes   | B.P.Ed.      | BBA          | BCA          | BPES         |
| I  | <b>Tuition Fee</b>  | -           | 72000        | 36000        | 24000        | 24000        | 18000        |
| II   | <b>Annual Charges</b>                                     |             |              |              |              |              |              |
| 1  | Admission Fee   | 1080        | 1080         | 1080         | 1080         | 1080         | 1080         |
| 2  | Re Admission Fee  | 110         | 110          | 0            | 110          | 110          | 110          |
| 3  | Continuation Fee *  | 110         | 0            | 110          | 0            | 0            | 0            |
| 4  | Dilapidation/ Repair & Replacement of Furniture and Books | 275         | 275          | 275          | 275          | 275          | 275          |
| 5  | College Badge   | 60          | 60           | 60           | 60           | 60           | 60           |
| 6  | Cultural Activities Fund                                  | 60          | 60           | 60           | 60           | 60           | 60           |
| 7  | House Examination   | 200         | 200          | 200          | 200          | 200          | 200          |
| 8  | Identity Card   | 30          | 30           | 30           | 30           | 30           | 30           |
| 9  | Magazine  | 40          | 40           | 40           | 40           | 40           | 40           |
| 10   | Medical   | 35          | 35           | 35           | 35           | 35           | 35           |
| 11   | Society Fund  | 30          | 30           | 30           | 30           | 30           | 30           |
| 12   | Sports Fee  | 60          | 60           | 60           | 60           | 60           | 60           |
| 13   | Student Aid Fund  | 140         | 140          | 140          | 140          | 140          | 140          |
| 14   | Water & Electricity                                       | 80          | 80           | 80           | 80           | 80           | 80           |
| 15   | PTA (College Fund)  | 200         | 200          | 200          | 200          | 200          | 200          |
| 16   | SCA (College Fund)  | 50          | 50           | 50           | 50           | 50           | 50           |
| 17   | NCC/NSS (College Fund)                                    | 20          | 20           | 20           | 20           | 20           | 20           |
| 18   | Prospectus Charges  | 450         | 450          | 450          | 450          | 450          | 450          |
|  | <b>Total</b>  | <b>2920</b> | <b>2920</b>  | <b>2920</b>  | <b>2920</b>  | <b>2920</b>  | <b>2920</b>  |
| * For Subsequent Admission   |   |             |              |              |              |              |              |
| III  | <b>Monthly Charges</b>                                    |             |              |              |              |              |              |
| 2  | Amalgamated Fund  | 60          | 720          | 720          | 720          | 720          | 720          |
| 3  | Library Reading Room                                      | 60          | 720          | 720          | 720          | 720          | 720          |
| 4  | Other Student Activities                                  | 75          | 0            | 900          | 900          | 900          | 0            |
| 5  | Practical Fee   | 60          | 720          | 720          | 720          | 720          | 0            |
| 6  | Computer Fee  | 150         | 0            | 1800         | 1800         | 1800         | 0            |
|  | Campus Development (College Fund)                         | 50          | 600          | 0            | 600          | 600          | 600          |
|  |   |             | 2760         | 4860         | 5460         | 5460         | 2040         |
| IV   | <b>Library Security (Refundable)</b>                      | <b>1000</b> | <b>1000</b>  | <b>1000</b>  | <b>1000</b>  | <b>1000</b>  | <b>1000</b>  |
|  | <b>Total of I + II + III + IV</b>                         |             | <b>78680</b> | <b>44780</b> | <b>33380</b> | <b>33380</b> | <b>23960</b> |
| <b>V H.P. University/S.P. University Charges</b>   |   |             |              |              |              |              |              |
| <b>H.P. University/S.P. University Levy, Examination Fee and Other charges as per Rules/Guidelines of HP University /SP University/ HP Govt.</b> |   |             |              |              |              |              |              |

### 7.1 H.P. University/SP University Charges

The Charges like H.P. University/S.P. University Registration /Migration / Continuation Fee, Sports Fee, Youth Welfare Fee, Holiday Home Fee and Examination Fee will be as per the rates specified by the H. P. University/S.P. University from time to time.

**Note:-**

Any other charges (i.e. Levy, Affiliation Continuation Fee, Examination Centre Creation Fee, Examination Related Expenditure or any other imposed by the H P University/SP University for any course will be paid by the students of respective course.

### 7.2 Schedule of Payment

- When a student is granted admission, he or she must pay the tuition fee, annual charges and monthly fees & funds for the prescribed months.
- Then, in the month of November/January for the months of October to April.
- Further, in the month of January the student must pay the University Examination Fees.

### 7.3 Rules of Payment of Fees and Funds

- Full payment of 1<sup>st</sup> installment as per the schedule given above is required at the time of admission.
- Fee amount will be accepted online through Bank Gateway.
- Refund of fees may be considered in accordance with the relevant rules as amended from time to time.
- A student who is absent or on leave on the date on which fees

and funds are due to be paid, must make alternative arrangements to pay the fees and funds on the due date.

- The Security amount will be refunded to the student only after the declaration of the University Examination results. However, the Security amount will lapse to the Institute after 31st March of the year after the year in which the student leaves the institution.
- Students who have not paid their dues up to date will not be allowed to appear in the internal or University examinations.
- The names of the students who have not paid the fees and funds on the due date will be struck off from the college rolls ten days after the due date, except if the student has the special permission of the Head of the Institution in an extraordinary and deserving case. In such a case, the student may be allowed to pay the dues after ten days and seek re-admission as per the rules, provided that he or she does not fall short of lectures.

### 7.4 Student Aid Fund

Limited funds are available to help deserving & desirous students on the basis of merit/means subject to the satisfaction of the Principal.

### 7.5 Fines

|                                      |                              |
|--------------------------------------|------------------------------|
| Absent from one period / practical   | 10/-                         |
| Absence from House Test              | 30/- (per subject / paper)   |
| Absence from Seminar / Guest Lecture | 50/- (per seminar / lecture) |
| Not returning Library Books          | 5/- (per book / per day)     |

## 8. General Rules for Students

Every student shall be required to undergo a regular course of study, i.e., attendance of lecturers, tutorials, seminars and practicals, and will have to appear in Class/House Test(s) from time to time.

### 8.1 Attendance

A candidate will be admitted to the University examination only if he or she has put in 75% attendance in all the courses in theory as well as in practicals. Absence from lectures, tutorials, seminars, practicals, etc. on account of participation in university, inter-university, state/national or international meet or tournaments, youth festivals & cultural competitions or journeys in those connections, shall be condoned and teaching work conducted during those days will not be counted for calculating the attendance of the concerned student.



### 8.2 Registration of Students

1. Every student who joins a University course for the first time shall be required to Register himself or herself with the S.P. University.
2. Each student already registered with the H.P. University/S.P. University shall pay a continuation fee.
3. The amount of the Registration Fee and the Continuation Fee will be as specified by the HPU/SPU from time to time.

### 8.3 Institute Rules

1. The Head of the Institution shall have full powers in all matters pertaining to the admission, promotion, and detention of students, and the imposition of fines & the remission thereof. He shall be empowered to take disciplinary action and impose penalties as provided under the University rules.
2. The authority of the Head of the Institution extends over all the students at all times inside or outside the Institute. If in his opinion a student acts in an undesirable manner he / she may be asked to leave the Institute. If he/she fails to do so within the prescribed time the Head of the Institution, at his discretion, remove his/her name from the rolls of the Institute.
3. All students of the Institute shall abide by the rules of the Institute existing at the time of admission or as framed from time to time. Defaulters may be punished and punishment may lead to warning, fine, expulsion or rustication from the Institute, depending on the nature and gravity of the misconduct or offense.
4. a) If a candidate is found indulging in ragging (Ragging means any type of physical or mental torture inflicted directly or indirectly) the competent authority shall expel the guilty student from the Institute.  
b) The student shall give in writing an undertaking in this

connection at the time of admission.

- c) The H.P. Government has declared ragging as a cognizable offense which can attract a fine, imprisonment or both.
5. The Institute does not sponsor or allow Picnics.
  6. Institution does not **ALLOW MIGRATION** from the institution.

### 8.4 Leave Rules

1. Leave for absence from the Institute shall be applied for and obtained in advance, except in an emergency in which case the leave application may be sent within two days of the student's return to the institution.
2. In case of sickness or absence from an examination due to illness, the leave application must be accompanied by medical certificate from a Govt. Hospital.

## Ragging is Banned in MLSM College Campus



- \* Hon'ble Supreme Court of India vide its judgement/orders dated 4th May 2001, 16th May 2007 and 11th February 2009, has outlined various steps which a institution should adopt to curb the menace of ragging in educational institutions, have been adopted by MLSM College, Sundernagar.
- \* Ragging is banned in the Campus and if any one found indulging in ragging is likely to be punished appropriately, the punishment includes imprisonment, fine or both, expulsion/suspension from the institution or classes for a limited period or fine with a public apology.
- \* The punishment may also take the shape of withholding scholarships, or other benefits, withholding of results, suspension or expulsion from Hostels or Mess, debarring from participating in any co-curricular activities.

3. The Leave application must be signed by the father or guardian of the student or by the Hostel Warden in the case of a Boarder.
4. Leave for a period upto three days may be granted by the concerned tutor/teacher. For periods longer than three days, the prior permission of the Head of the Institution on the recommendation of the tutor/teacher will be necessary.

### 8.5 Tutorials

The Student Teacher Relationship is the foundation of a healthy education. The Institute tries to mould the citizens of tomorrow by preparing the students for new challenges in their chosen discipline. Tutorials play a crucial role in this process by establishing a rapport between teachers and students and making it possible to give special attention to the daily doubts and problems of the students.

The gains from this experience will certainly add a depth and value to the process of learning. It is compulsory for every student to attend the Tutorial meetings and discussions regularly.

Students seeking admission in UG / PG programme will apply for online registration and filling of the prescribed admission form, available on the college counter. All the admissions to first year/semester will be on merit.

#### Reservation:

For reserved categories (SC/ST/SPORTS(SP)/ CULTURAL(CUL)/ PHY. HANDICAPPED(HC)), roster system of H.P. University will be followed.

One seat is reserved for single girl child in each course.

#### Age Limit:

For admission to Under Graduate Courses, the upper age limit is 23 years for general category and 26 years for SC/ST on 1st July of concerned year.

For Post Graduate Courses upper age limit is 26 years for boys, 28 years for girls and 29 years for SC/ST as on 1st July of the concerned year.

The relaxation in age will be accorded as per HPU/SPU norms.

Self attested copies of the following documents have to be attached with Admission Form:

- I Last examination passed
- II Matriculation certificate.
- III Latest character certificate
- IV Affidavits regarding gap year.
- V Certificate/s, if applying for reserve seat.
- VI Online anti Ragging Form.

UGC has mandated submission of on-line anti-ragging undertaking, which has to be submitted by the student as well as by the parents through on-line mode by visiting website: [www.amanmovement.org](http://www.amanmovement.org) / [www.antiragging.in](http://www.antiragging.in).

Note: While filling the on-line anti-ragging undertaking, Anti-Ragging Reference Number will be generated by the system, you have to fill this Reference Number in your Application Form at the time of admission/counseling.

**All the original certificates will be checked during admission/ physical verification of the candidates.**

Admission Form complete in all respects will be submitted in the college on the dates given in the prospectus / notified by H. P. University / S. P. University Government.

#### For Online Admission:

When the confirmation of admission is done after verification of online form, the fee for the semester/year and bank account will be intimated on registered mobile no. and e-mail address and the fee has to be deposited through online bank gateway.

**Note :** Pay online fee and funds only after receiving confirmation message/mail from the college.

- 1 If the fee / funds are not paid on time, the seat shall be offered to the next candidate in waiting list.
- 2 The College reserves the right to refuse admission to any candidate without assigning any reason.
- 3 Admission of student is liable to be cancelled in case she / he furnishes incomplete/ wrong/ false information or in case of concealment of facts.
- 4 All Admissions to the college shall be strictly provisional and subject to the verification of original document by the college. The college shall not be responsible for the cancellation of admission/ candidature of any student on account of false/incomplete information(s).

# Academic Achievements of the students of Lalit Sen Institute (Session 2021-22)



**SUNAINA SHARMA**  
D/o Sh. Tilak Raj Sharma  
M.Sc. Botany IV Semester  
Roll No. : 20703  
82% (1st Position)



**PRIYANKA THAKUR**  
D/o Sh. Prakash Chand  
M.Sc. Zoology IV Semester  
Roll No. : 20755  
78.60% (1st Position)



**KOMAL**  
D/o Sh. Amar Nath  
M.Sc. Physics IV Semester  
Roll No. : 20610  
70.65% (1st Position)



**SHRADHA KULLAR**  
D/o Sh. Mani Bhushan Khullar  
M.Sc. Chemistry IV Semester  
Roll No. : 20654  
76.95% (1st Position)



**TANUJA THAKUR**  
D/o Sh. Ranjeet Singh Thakur  
B.Ed IV Semester  
Roll No. : 20287  
80.43% (1st Position)



**PREETI THAKUR**  
D/o Sh. Attar Singh  
B.P.Ed.  
Roll No. : 20411  
CGPA 8.67 (1st Position)



**JASKIRAN KAUR**  
D/o Sh. Gurvinder Singh  
BPE III Year  
Roll No. : 19503  
CGPA 8.37 (1st Position)



**FARIYAD KHAN**  
S/o Sh. Ushman Khan  
BCA III Year  
Roll No. : 19328  
CGPA 8.24 (1st Position)



**SAKSHI UPPAL**  
D/o Sh. Naresh Kumar Uppal  
BBA III Year  
Roll No. : 19207  
CGPA 8.43 (1st Position)

# Maharaja Lakshman Sen Memorial College

(NAAC - 'B' Accredited College)

Lalit Sen Institute of Business, Education & Technology

Sundernagar (HP) - 175018 INDIA Tel.: 01907-266339, 267549

Website: [www.mlsmc.ac.in](http://www.mlsmc.ac.in)

**LET'S BUILD  
A BETTER  
TOMORROW**

