Bharati Vidyapeeth
Deemed University, Pune (India)

GRADE AWARDED BY GOVT. OF INDIA
GRADE REACCREDITATION BY NAAC

INFORMATION BROCHURE AND APPLICATION FORM
OF COMMON ENTRANCE TEST

CET-2014

For Admission to the

MBBS, BDS, BAMS & BHMS COURSES 2014

At

Bharati Vidyapeeth Deemed University's

- Medical College, Pune
- Medical College and Hospital, Sangli
- Dental College and Hospital, Pune
- Dental College and Hospital, Navi Mumbai
- Dental College and Hospital, Sangli
- College of Ayurved, Pune
- Homoeopathic Medical College, Pune

From the Chancellor's Office

Hon'ble Dr. Patangrao Kadam

M.A. L.L.B., Ph.D.
FOUNDER - CHANCELLOR

As the Chancellor of Bharati Vidyapeeth University I extend a very warm welcome to the students who are desirous of seeking admissions in our different Constituent units.

Bharati Vidyapeeth, the parent organization of this University is celebrating this year as its Golden Jubilee Year. At this moment my mind goes back over a period of five decades. Bharati Vidyapeeth initiated its academic journey with a single school. Now it is one of the premier educational institutions in the country, having under its umbrella more that 180 educational units including 80 colleges of 12 faculties. They include colleges of Medicine, Dentistry, Engineering, Pharmacy, Hotel Management and the like. There may not be any disciplines either conventional or emerging for which Bharati Vidyapeeth has not established its institution.

Within a short period of 18 years or so, Bharati Vidyapeeth University has established its academic reputation even across the national borders. Its high level of academic excellence is underscored by the fact that the Ministry of Human Resource Development, Government of India has given 'A' grade status to this University. The University's another remarkable achievement is that it has been awarded a prestigious 'A' grade by the NAAC both in its first accreditation and also in reaccreditation. An approval by the UGC under Section 12B of its Act which our University has received by another feather in the cap of the University.

We at this University are committed to make available to our students a wide spectrum of academic options to choose from.

It has also been our endeavour to provide continuously updated education in a congenial environment to our students. I am very happy that a very large number of our past students have established their reputation as Medical Practitioners, Engineers, Pharmacy Industrialists and the like not only at the national level but also at the international level. Research is a focal area of activities of our University. We have three Research Institutes as constituent units of University. They are doing remarkable work. However, our aim is to develop this University as a Research University.

I again welcome all of you and wish you a very successful academic career as students of this University.

Dr. Patangrao Kadam

At a Glance

A)	Last date for submitting the completed application form to Bharati Vidyapeeth Deemed University C.E.T. Dept., Second Floor, Bharati Vidyapeeth Bhavan, L.B.S. Marg, Pune-30	:	2nd May 2014 upto 17.00 hrs.
B)	Dispatch of admission cards	:	On receipt and scrutinisation of application forms
C)	Issue of duplicate admission cards to those candidates, who have not received the same till 9th May 2014	:	10th May 2014 10.00 a.m. onwards at respective centers.
D)	Date and time of Common Entrance Test	:	11th May 2014 1100 hrs. to 1400 hrs.
E)	Places where the Test will be held	:	Pune, New Delhi, Navi Mumbai, Hyderabad, Vadodara, Indore, Banglore, Lucknow, Jaipur, Chandigarh, Allahabad, Varanasi, Cochin
F)	Declaration of results www.bvuniversity.edu.in, www.bharatividyapeethuniversity.net	:	16th June 2014
G)	Counselling Schedule	:	1st July 2014 to 10th July 2014
H)	Colleges to open	:	15th July 2014

From the Desk of Vice Chancellor

Prof. Dr. Shivajirao Kadam
Vice Chancellor

Dear Students,

At the outset, let me welcome all of you who are intending to join our University.

I am extremely happy to note that you have selected our University for your further studies. All of you know that Bharati Vidyapeeth University is one of the leading Universities in the country having 'A' grade awarded by Ministry of Human Resource Development, Government of India.

It is also accredited with prestigious 'A' grade in 2004 and reaccredited with 'A' grade in 2011 by the NAAC, Bangalore. It is also significant to note that some of its constituent units have ISO 2001-2009 certification. Our University has excellent infrastructure for all its constituent Institutions such as well-structured spacious buildings, continuously updated laboratories and hostels with all necessary amenities and facilities.

Today, the horizons of knowledge are expanding exponentially. It is, therefore, a challenge to cope up with this vibrant system of higher education and Bharati Vidyapeeth University is well-equipped to impart latest training and education to its students. We are committed to provide excellent teaching, learning and research under its 12 faculties. University continuously updates the courses of studies being taught in our constituent Institutions, keeping in view, the rapid changes and dynamism around. Our libraries are continuously updated. The University ensures not only high quality training, education in the respective areas of knowledge to the students, but also places emphasis on all-round development of the students. Abundant opportunities are also provided for co-curricular and extracurricular activities on the campus. In the discharge of its social obligations, the University is, no doubt, committed to see that the students graduating from this University are well-trained and well-prepared for jobs and become responsible citizens of the country.

The track record of the achievements of the University is indeed commendable. It is a matter of pride for us that scores of our students have achieved successes in their respective fields and established themselves in different spheres of life. We are aware that the success of any University largely depends on the number of successful students, it produces for the service of the society and the nation.

We, therefore, take every care for your bright future career and help you to translate your dreams into reality.

Once again, I take this opportunity to welcome all of you to the family of Bharati Vidyapeeth University and wish you success in your life.

Prof. Dr. Shivajirao Kadam

Bharati Vidyapeeth Deemed University, Pune

Bharati Vidyapeeth, the parent organization of this University is one of the largest educational organizations in the country. It has 171 educational units under its umbrella including 67 Colleges and Institutes of conventional and professional disciplines..

The Department of Human Resource Development, Government of India on the recommendations of the University Grants Commission accorded the status of "Deemed to be University" initially to a cluster of 12 units of Bharati Vidyapeeth. Subsequently, 17 additional colleges / institutes were brought within the ambit of Bharati Vidyapeeth Deemed University wide various notifications of the Government of India. Bharati Vidyapeeth Deemed University commenced its functioning on 26th April, 1996.

Constituent Units of Bharati Vidyapeeth Deemed University

1. BVDU Medical College, Pune.
2. BVDU Dental College & Hospital, Pune
3. BVDU College of Ayurved, Pune
4. BVDU Homoeopathic Medical College, Pune
5. BVDU College of Nursing, Pune
6. BVDU Yashwantrao Mohite College of Arts, Science & Commerce, Pune.
7. BVDU New Law College, Pune
8. BVDU Social Sciences Centre (M.S.W.), Pune
9. BVDU Yashwantrao Chavan Institute of Social Science Studies & Research, Pune.
10. BVDU Centre for Research & Development in Pharmaceutical Sciences & Applied Chemistry, Pune
11. BVDU College of Physical Education, Pune.
12. BVDU Institute of Environment Education & Research, Pune
13. BVDU Institute of Management & Entrepreneurship Development, Pune
14. BVDU Poona College of Pharmacy, Pune
15. BVDU College of Engineering, Pune
16. BVDU Interactive Research School in Health Affairs (IRSHA), Pune
17. BVDU Rajiv Gandhi Institute of Information Technology & Biotechnology, Pune
18. BVDU College of Architecture, Pune
19. BVDU Abhijit Kadam Institute of Management & Social Sciences, Solapur
20. BVDU Institute of Management, Kolhapur
21. BVDU Institute of Management & Rural Development administration, Sangli
22. BVDU Institute of Management & Research, New Delhi
23. BVDU Institute of Hotel Management & Catering Technology, Pune
24. BVDU Yashwantrao Mohite Institute of Management, Malakapur-Karad
25. BVDU Medical College & Hospital, Sangli
26. BVDU Dental College & Hospital, Mumbai
27. BVDU Dental College & Hospital, Sangli
28. BVDU College of Nursing, Sangli
29. BVDU College of Nursing, Navi Mumbai

The status of University was given to a cluster of these colleges and institutes in appreciation of the high level of their academic excellence and for their potential for further growth.

During the last 16 years or so, the University has achieved higher pinnacles of academic excellence

and has established its reputation to such an extent that it attracts students not only from various parts of India but also from abroad. According to a survey conducted by Association of Indian Universities, this University is one among the top ten Universities in the country preferred by the overseas students for admissions. At present, there are more than 800 overseas students from 67 countries on the rolls of constituent units of this University.

During the last 16 years, there has been tremendous academic expansion of the University. It now conducts in all 220 courses in its constituent units, of them 107 are Post Graduate, 50 are Under Graduate and 63 Diploma level courses. All the professional courses which the University conducts such as those of Medicine, Dentistry, Engineering etc., have approval of the respective statutory councils, viz., Medical Council of India, Dental Council of India, All India Council for Technical Education etc.

The University is a throbbing center of research activities and has launched Ph.D. programmes in 64 subjects. It has also introduced quite few innovative academic programmes such as Masters in Clinical Optometry, M.Tech. in Nano Technology etc.

The University's performance and achievements were assessed by the "National Assessment and Accreditation Council" and it was reaccredited with a prestigious "A" grade in 2011. Some programmes of the constituent units such as College of Engineering at Pune, Management Institute in Delhi and others have also been accredited by "National Board of Accreditation". Three constituent units of Bharati Vidyapeeth Deemed University are also the recipients of ISO 9001-2001 certifications.

Distinct Features of this University :

The University

- The University has been awarded “A” Grade by Ministry of Human Resources Govt. of India.
- Is one of the largest Universities in terms of Constituent Units established u/s. 3 of the UGC Act, 1956.
- Is a multi-faculty University with Twelve Faculties :
  (1) Arts, Social Sciences and Commerce, (2) Science, (3) Law, (4) Medical Sciences, (5) Dentistry, (6) Ayurveda, (7) Homoeopathy, (8) Nursing, (9) Pharmaceutical Sciences, (10) Management Studies (11) Engineering and Technology, (12) Interdisciplinary Studies
- Offers a wide range of academic programmes to the students.
- Accredited by the NAAC with prestigious 'A' grade (2004) and reaccredited with 'A' grade(2011).
- Is according to a survey conducted by the Association of Indian Universities, New Delhi, among the top ten universities and preferred by the overseas students for admissions. During the year 2009-10 there are 800 overseas students from 32 countries enrolled with constituent units.
- Has eight campuses located in different cities including New Delhi.
- Is probably the only University having three self-financing research institutes devoted exclusively for researches in health related sciences, pharmaceutical sciences and social sciences.
- Has established a separate Sports Department to promote sports activities.
- Has established a Centre for Performing Arts, which runs graduate programmes in various performing arts including dance, drama, music.
- Three Constituent Units of the University are assessed by the National Board of Accreditation and are accredited with prestigious grades.
- Its three Constituent Units have also obtained ISO 2001-2009 certification.
- Has organized several international and national level Seminars, Conferences, etc.
- Is a University which academically and intellectually very productive whose faculty members have very laudable record of research publications and patents.
- Has digitalized libraries of its constituent units.
- Has created excellent infrastructure for all its constituent units, including well structured specious buildings

continuously updated laboratories and libraries and hostels with all the necessary amenities and facilities for both boys and girls.

- Has built a specialized research institute accommodating 18 laboratories for the researches in pharmaceutical sciences.
- Has launched laudable outreach programmes through NSS units.
- Is proud of its Institute of Environment Science and Research Education, which has been identified as a nodal agency by the Government of India for its programmes of biodiversity and environmental products. It has adopted several primary schools with a view to create environmental consciousness among their students.
- Has established Women's Creativity Development Centre to undertake researches regarding women, particularly, those of disadvantage groups and to promote creativity among them.

Our Campuses

Bharati Vidyapeeth University has campuses in Pune, Mumbai, Solapur, Kolhapur, Sangli, Karad and New Delhi, the capital city of India. It's two Medical Colleges are located each in Pune and Sangli.

Intake Capacity :

The intake capacity of our Medical, Dental, Ayurved & Homoeopathy courses is as follows :-

1) M.B.B.S. 300 seats
   - ~ Bharati Vidyapeeth Deemed University
     Medical College, Pune - 150 seats
   - ~ Bharati Vidyapeeth Deemed University
     Medical College & Hospital, Sangli - 150* seats

2) B.D.S. - 300 seats
   - ~ Bharati Vidyapeeth Deemed University
     Dental College and Hospital, Pune - 100 seats
   - ~ Bharati Vidyapeeth Deemed University
     Dental College and Hospital, Navi Mumbai - 100 seats
   - ~ Bharati Vidyapeeth Deemed University
     Dental College and Hospital, Sangli - 100 seats

3) B.A.M.S. - 100 seats
   - ~ Bharati Vidyapeeth Deemed University
     College of Ayurved, Pune - 100 seats

4) B.H.M.S. - 100 seats
   - ~ Bharati Vidyapeeth University
     Homoeopathic College & Hospital, Pune - 100 seats

Please Note :

15% percent in seats each college and each course are reserved for Foreign/NRI(Non-

Resident- Indian)/P.I.O./O.C.I./Management Merit Category students. Candidates seeking admissions to the seats of this category will have to apply to The Registrar, Bharati Vidyapeeth Deemed University, Pune. The last date for submission of form to this Category is 2nd May 2014 before 5.00 p.m. Seats remaining vacant after allotment to Foreign / N.R.I. / P.I.O. / O.C.I. Merit students will be allotted to Indian students under Management Merit Category on the basis of marks obtained by them in the CET-2014.

* Permitted increased intake from 100 to 150 by the Govt. of India / MCI from 2012-13 and subject to approval at the time of 3rd renewal by the MCI.

Bharati Vidyapeeth Deemed University
Medical College (Pune)

Bharati Vidyapeeth Deemed University Medical College, Pune established in 1989 is one of the premier institutes imparting quality medical education at undergraduate, postgraduate and post doctoral level. The college was under the Pune University before it became the constituent unit of Bharati Vidyapeeth Deemed University, Pune in April 1996.

At present the college is permitted to admit 150 students for MBBS course and 103 students in various postgraduate degree and diploma courses. All the courses have been started with the prior permission of the Medical Council of India and are recognized by it. The college is recognized by General Medical Council, Great Britain. The college is listed in the World Health Organization's Directory and the students of this college are eligible to appear for USMLE and PLAB examination. The college also conducts certain post doctoral fellowship programs, M.Sc. program in Basic Sciences and Ph.D. program.

The college as a constituent unit of Bharati Vidyapeeth University, Pune was accredidated "A" grade by NAAC in 2004, & reaccredited again with coveted 'A' grade in 2011.

The college boasts of excellent infrastructure, experienced, dedicated and caring faculty, a strong student support system, facilities for research including a dedicated research institute, community outreach and extension activities and a 860 bedded multispeciality, tertiary care hospital offering all the modern diagnostic and therapeutic services, which also serves as a teaching and training centre for undergraduate and postgraduate medical students. The hospital has recently started a cardiac cath lab and is offering the services for angiography, angioplasty and other interventional cardiology facilities. The hospital has further expanded the critical care services, started a nephrology unit with 10 dialysis machines and has all the diagnostic and therapeutic facilities. It has a well equipped central clinical laboratory, high end CT Scan, MRI Machines, 4D ultra sonography, color doppler and other equipments. All the super-specialty services are available in the hospital and specialty facilities like Oncosurgery, joint replacement, neurosurgery etc. are offered by experts in the field. All other facilities like 24 hours emergency services, blood bank, pharmacy etc. are available in the hospital. Teaching and training of the students is done using modern techniques, we follow student centered approach with ample use of ICT, we have recently established high tech simulation centre, one of the first few in the country with number of basic and advanced simulators including the 3G Simman. The simulation centre helps in training of students in life saving skills without jeopardizing patient safety.

The central library of the college has a huge collection of text books and reference books. All the reputed national and international journals are made available to students both as hand copies and in digital form. We have a digital lib with high speed internet connectivity. We are using the college management software wherein the progress and performance of students could be viewed online by the parents. There are many firsts as far as innovation in teaching & training is concerned to our credit

The college has so far hosted many National and International Conferences, Seminars, Workshops and provides excellent educational ethos for all-round development of the students. We help students nurture their dream.

Our alumni who are our real ambassadors have achieved success in their lives & are settled in various parts of our country and also in countries like US, UK, Australia and others.

We are proud of our achievements and are striving further to excellence.

Bharati Vidyapeeth Deemed University
Medical College (Sangli)

Bharati Vidyapeeth Deemed University Medical College and Hospital, Sangli was established in 2005. The college has so far admitted 7 batches of 100 students each. The college is recognized by the Medical Council of India and from year 2012 the college has been given permission for an annual intake of 150 students.

The college is built in huge edifice & serene atmosphere of Sangli. The college is established in 2.2 lakh sq. ft. specious building. The area for the 750 bedded attached teaching hospital is 3.2 lakh sq. ft.

The college has excellent infrastructure, well equipped laboratories; facilities for MRI, C.T. Scan, Mammography, Haemodialysis, Blood Bank with Blood Components etc. are available. The state-of-art museums, library and other teaching learning resources have made it a centre for academic excellence.

The institute boasts of qualified and caring staff and advanced instruments ensuring adequate training and keeping pace with the development in Medical field.

The institute has received essentiality certificate from Government of Maharashtra to start
M.D/M.S. (P.G. programmes) in all the subjects.

The hostels with all modern facilities are available within the campus for Boys & Girls students

Bharati Vidyapeeth Deemed University
Dental College & Hospital (Pune)

Our Dental College was established in 1989 to fulfill the aspirations of students to obtain a professional education and in response to the growing demand for education in dentistry in this region. This was the first such initiative in the State of Maharashtra. In 1993, the Dental Council of India recognized the B.D.S. degree of our College.

The College is housed in a new building of 2,07,000 sq.ft. The building is not only an architectural beauty but it is functionally well planned. The Dental College & Hospital is a pioneering institute in this part of the country in the field of dental education. All our graduates have made a name for themselves in private practice, employment and higher studies in India as well as abroad.

The College has a very progressive and pragmatic environment developed by highly qualified and experienced teaching staff, using the most modern and innovative teaching aids and methodologies. We emphasize on simulated and real life experience based learning. A transparent and continuous system of monitoring and evaluation is an important component of the programme.

Such an environment is well supported by state of the art equipment (both imported and indigenous) and materials. Our own operation theatre (besides full access to the advanced OT Complex of 870-bed Bharati Hospital), titanium casting equipment, ceramic fabrication systems, laser equipment, research microscope and digital imaging systems are but a few examples. Community extension programmes that are organized by the department of Community Dentistry round the year, not only provide training to the students in dental health education, but also generate a variety of clinical material. A rich hands-on experience to prepare the students for future independent practice is thus ensured. A well stocked library and internet facility caters to the academic needs of our students and staff.

In our pursuit to further raise the standards of education and research, the year 2002 saw us start postgraduate courses. The Government of India, on recommendation from the Dental Council of India, permitted us to start these in as many as eight specialties of dentistry viz. Oral Medicine & Radiology, Oral & Maxillofacial Surgery, Pediatric and Preventive Dentistry, Conservative Dentistry and Endodontics, Orthodontics and Dentofacial Orthopedics, Prosthodontics and Crown & Bridge, Periodontology, Oral Pathology and Microbiology with a total intake of 37 students per year. Regular continuing education programmes, to keep the

students and faculty abreast with the latest knowledge, materials and techniques is a hallmark of our course plan.

Come, join us and realize your potential ! We will make your dreams come true at Bharati Vidyapeeth
University Dental College and Hospital, Pune !

Bharati Vidyapeeth Deemed University
Dental College & Hospital (Navi Mumbai)

Bharati Vidyapeeth University's Dental College and Hospital, in Navi Mumbai was established in
2005.The College is located in a serene environment in Sector 7 in Navi Mumbai.

Since its inception, the College has developed excellent infrastructural facillities. It has its own building with adequate number of well furnished classrooms. Its laboratories are well-equipped with the equimpents required for teaching and training of the students. They are continuously updated with the latest technology. The College library is well developed and it subscribes to several journals, both national and international.

The faculty of the College includes experienced, expert and student caring teachers. It is necessary to mention here that the College has appointed adequate number of teachers for its Medical Science Department, particularly, to teach such subjects as General Anatomy and Histology, General Physiology and Biochemistry, General Pathology and Microbiology and also General Pharmacology.

Taking into consideration, the critical importance, which the clinical material has in teaching the B.D.S. course, the College started OPD even much before it started functioning. Today, this OPD attracts thousands of patients every year from Navi Mumbai and surrounding areas.

The College has constructed separate hostels for boys and girls with all the necessary facilities and amenities in the campus itself. Although, the College is now only five years old, it has established its reputation as one of the upcoming centers of excellent dentistry education not only in Navi Mumbai but also in the entire city of Mumbai.

Bharati Vidyapeeth Deemed University
Dental College & Hospital, Sangli

Bharati Vidyapeeth University Dental College and Hospital, Sangli has started from academic year 2008-2009. The college has started with the permission from Dental Council of India and Ministry of Health and Family Welfare, Govt. of India.

The college is established on the sprawling complex at Wanlesswadi Sangli. on Sangli - Miraj road. It has functionally well planned college and hospital building of 1,70,000 sq.ft. The college has support of Bharati Vidyapeeth University Medical College and Hospital which is situated in the same campus.

The Dental College and Hospital is functioning since 2006 and has excellent infrastructure facilities, equipments, instrument and furniture. The college has well qualified and experienced teaching staff members who are dedicated to patient care and teaching.

The hospital has OPD of about 170 patients everyday to provide clinical experience to the students. State of Art facilities and staff members of the college are providing excellent education to students and will groom them to be competent dentists. This college will fulfil the long standing demand for education in dentistry in this region.

Bharati Vidyapeeth Deemed University
College of Ayurved, Pune

Bharati vidyapeeth's College of Ayurved was established in the year 1990. College building is well designed and having a good infrastructure with well equipped laboratories, dissection hall and well furnished classrooms with LCD facility. All the departments have Internet Facility and Museums with display of various specimens. The College has a digital library with specious reading hall and provides a good collection of books more than 17500 volumes on Ayurvedic and allied medicines. It also contains important periodicals and scientific journals.

The College is recognized by department of Ayush Govt. of India and Central Council of Indian medicine, New Delhi. It is reaccredited as "A Grade" by NACC. The BAMS & MD (Ayurved) degree awarded by Bharati Vidyapeeth University Pune is included in second schedule of IMCC act 1970.

College conducts Undergraduate course with intake capacity of hundred students. The College is successfully running Post Graduate courses approved by CCIM in 14 Ayurvedic specialty subjects as M.D. Ayurved (Ayurved Vachaspati) in Ayurved Samhita & Siddhant, Rachana Sharir, Dravyaguna vidyan, Kayachikitsa, Roganidan, Panchakarma, Swasthavritta, Rasashastra & Bhaishajyakalpana, Kriya Sharir, Agadtantra & Vidhi Vaidyak, Kaumarbhritya and MS Ayurved (Ayurved Dhanwantari) in Prasuti tantra & Stree rog, Shalakya Tantra, Shalya Tantra.

Recently the college has started P.G. Diploma courses in '6' specialities namely (i) Panchkarma, (ii) Ayurvedic Sangyaharan, (iii) Ayurvedic cosmetology and Skin Diseases, iv) Prasuti & Stree Roga, v) Balaroga, vi) Netraroga Vigyan, with intake capacity of two seats in each subjects.

To enrich the research in Ayurved the college has designed doctorate degree (Ph.D. Ayurved) in almost all Ayurvedic subjects. Diploma in Naturopathy & Yogic sciences has been designed to ensure good health and longevity of mankind which is the goal of college. Well qualified, experienced and student centric faculty is the special feature of the College.

The College has a Ayurvedic Hospital with 200 bed strength. Our OPD and IPD serve large number of patients which gives good clinical experience to students. It is enriched with a Herbal Garden having more than 1000 plants and rare herbal specimens. To provide quality based medicine to the hospital, a mini teaching pharmacy has been developed in the College Campus. It gives hands on experience to students in manufacturing of Ayurvedic medicines. The College conducts various field visit to impart experience based training. Separate hostels for boys and girls with all necessary facilities and amenities are available in the campus itself.

The College organizes and participates in various State, National, International level seminars and workshops. It has started CME [continuous medical education] programmes for internee and Postgraduate students to update the clinical knowledge. For all round development of students extracurricular and co curricular activities are regularly organised. Thus the quality based education is imparted to students which transforms them in successful practitioners.

Bharati Vidyapeeth Deemed University
Homeopathic Medical College, Pune

Bharati Vidyapeeth's Homoeopathic Medical College was established on 10th May 1990, on the auspicious occasion of the Silver Jubilee Day of the Bharati Vidyapeeth. It was earlier affiliated to University of Pune. It is now a constituent unit of Bharati Vidyapeeth University. The Homoeopathic Medical College is located in our Dhankawadi campus with well-equipped laboratories, dissection halls, spacious demonstration halls and a library with a reading hall facility. The College is having permanent recognition of the Central Council of Homoeopathy, New Delhi and its annual intake capacity is of 100 students for BHMS course. Degree is included in IInd Schedule of HCC-Act 1973.

Govt. of India. Ministry of Health & Family Welfare; [Dept. of AYUSH], New Delhi has permitted P.G. Courses in our Institute M.D. (Hom.) from the academic year 2006-2007 in five

selected speciality subjects namely 1] Homoeopathic Materia Medica 2] Organon of Medicine 3] Homoeopathic Repertory 4] Homoeopathic Pharmacy 5] Practice of Medicine with six (06) regular admissions capacity in each speciality (Total 30 seats). Degree is included in IInd Schedule of HCC-Act 1973.

The Ph.D. course is started in four speciality subjects namely 1] Homoeopathic Materia Medica 2] Organon of Medicine 3] Homoeopathic Repertory 4] Homoeopathic Pharmacy.

Our Homoeopathic Medical College is one of the best and ideal college in the country. It has all the necessary infrastructural facilities as specified by the norms of Central Council of Homoeopathy, New Delhi. Our faculty consists of senior teachers, who are highly qualified, enthusiastic, experts in their respective subjects and are students oriented / caring.

The College maintains a herbal / botanical garden having more than 400 medicinal plants some of which are rare species. The College Library is very spacious having more than 9,500 volumes on Homoeopathic and allied subjects. We also subscribe to important National and International periodicals and scientific journals/magazines.

The College runs exclusive Homoeopathic Hospital with 115 bed strength and 10 peripheral OPDs. Where various departmental OPDs, Speciality OPDs, Speciality clinics and IPD attracts large number of patients and students get good clinical exposure.

The college is accredited for Research & Development by Govt. of India Dept. of AYUSH (ISM & H) New -Delhi. As a part of Research activity under R & D center, the college has undertaken many research projects for certain projects Govt. of India has sanctioned grants worth Rs, 25 lakhs, along with teaching and clinical facilities to the students, we also organise various kinds of academic, co-curricular activities, extracurricular activities and NSS activities including the state and National level seminars, workshops to enrich academic and clinical experiences of our students.

Admission Procedure

Introduction

1. Students will be admitted to MBBS/BDS/ BAMS/BHMS courses of the following constituent colleges of Bharati Vidyapeeth Deemed University on the basis of the merit obtained by them in the All India Common Entrance Test (CET - 2014)

   Bharati Vidyapeeth Deemed University Medical College, Pune

   Bharati Vidyapeeth Deemed University Medical College and Hospital, Sangli

   Bharati Vidyapeeth Deemed University Dental College and Hospital, Pune

   Bharati Vidyapeeth Deemed University Dental College and Hospital, Navi Mumbai

   Bharati Vidyapeeth Deemed University Dental College and Hospital, Sangli

   Bharati Vidyapeeth Deemed University College of Ayurved, Pune

   Bharati Vidyapeeth Deemed University Homoeopathic Medical College, Pune

2. CET - 2014 will be conducted on 11th May 2014 from 1100 hrs. to 1400 hrs. at the examination centres in the following cities : Pune, Navi Mumbai, Hyderabad, New Delhi, Vadodara (Baroda), Indore, Bangalore, Lucknow, Jaipur, Chandigarh, Allahabad, Varanasi and Cochin.

   The exact location and address of the examination centre of the individual candidate will be communicated to the candidate through his admission card.

3. The CET-2014 will consists of one question paper. It will be set in English medium and will contain 200 multiple choice objective-type questions, 50 each on Physics, Chemistry and 100 question on Biology. These questions will be set in general on the detailed syllabus given on pages 35 onwards. Each correct answer will get one mark. There is no negative marking.

Eligibility for appearing in CET-2014 and subsequent admission

4. Common Eligibility Requirements for admission to MBBS/BDS/BAMS/BHMS

Only those candidates who would satisfy or are likely to satisfy the relevant eligibility requirements for admission to a course will be considered eligible to appear for the Common Entrance Test (CET-2014) and subsequently for admission to that course.

4.1 Nationality and Age

i) The candidate seeking admission to any of these courses should be an Indian national and the candidate should complete 17 years of age on or before 31st December, 2014.

4.2 Qualifications

i) Requisite qualifications for admission to MBBS / BDS / BAMS / BHMS courses :

The candidate seeking admission to any of these courses should have passed the Higher Secondary Certificate Examination (H.S.C.) or the Indian School Certificate Examination (ISCE) or any other examination equivalent to 10+2/HSC examination of any recognised Board/ University from any school/college situated in India after 12 years of study.

ii) For admission to MBBS / BDS course

For admission to MBBS/BDS course the candidate should have passed in the subjects of Physics, Chemistry, Biology/Biotechnology and English individually and must have obtained atleast 50 percent marks in Physics, Chemistry and Biology or Biotechnology taken together in the qualifying examinations

i.e., 10 + 2/HSC or equivalent. The candidate should also have secured at least 50 percent marks in Physics, Chemistry and Biology taken together at CET-2014 for admission to MBBS/BDS course. The candidate belonging to the scheduled castes/scheduled tribes should have obtained at least 40 percent marks in Physics, Chemistry and Biology taken together in the qualifying examinations as well as at CET-2014.

iii) For admission to BAMS Course

The candidate seeking admission to B.A.M.S. course should have qualification as mentioned in 4.2 (i). The candidates seeking admission to this course should have passed 10 + 2/HSC or equivalent examination in the subjects of Physics, Chemistry, Biology individually and must have obtained at least 50 per cent marks in Physics, Chemistry and Biology taken together (in case of SC/ST students 40 per cent)

iv) For admission to BHMS course

The candidate seeking admission to B.H.M.S. course should have qualification as mentioned in 4.2 (i). The candidates seeking admission to this course should have passed 10 +2/HSC or equivalent examination in the subjects of Physics, Chemistry, Biology and English individually, and must have obtained at least 50 per cent marks in Physics, Chemistry and Biology taken together (in case of SC/ST students 40 per cent)

However, if any seats remain vacant in BHMS course, the candidates having qualifications as prescribed in Central Council of Homeopathy (C.C.H.) as minimum qualification will also be considered eligible for admission. The minimum qualification for admission as prescribed by C.C.H. is "That the candidate seeking admission should have passed 12th std. (HSC or equivalent examination) with Physics, Chemistry and Biology as his subjects."

v) Candidates who are likely to appear or who have appeared for qualifying examination i.e. 10+2/H.S.C. or equivalent but whose results have not been declared will also be considered provisionally eligible to appear for CET-2014, provided they have offered the above mentioned subjects at the said examinations.

If candidate fails to fulfill the relevant eligibility requirements as mentioned above will not be considered eligible for admission to any of these courses, viz. MBBS/BDS/BAMS /BHMS, even if he/she is placed in the merit list of the CET-2014. The candidates are advised not to submit their application forms for appearing for CET-2014 if they do not fulfill any or all of the relevant eligibility requirements.

5. Application Procedure

A candidate desirous of appearing in the CET-2014, is required to complete the prescribed application form appended at the end of this brochure and submit the same to the University, on or before the scheduled date.

Instructions for completing the Application Form

6. The application form for admission to CET-2014 is common for MBBS / BDS / BAMS / BHMS courses and also for all the colleges mentioned in this brochure. No separate form is prescribed for any particular course or college. Separate instructions are given on the website to fill the online form. Candidates are required to go through these instructions carefully.
7. CANDIDATES ARE NOT REQUIRED TO ENCLOSE ORIGINALS OR PHOTOCOPIES OF ANY CERTIFICATES WITH THE APPLICATION FORM.
8. Completed application form must be accompanied by CET-2014 fee of Rs. 2,200/-. If submitted in person the fee can be paid by cash or Demand Draft if mailed the fee should be paid by Demand Draft of Rs. 2,200/- drawn on any Nationalised bank payable at Pune, or Bharati Sahakari Bank Ltd. only in favour of The Registrar, Bharati Vidyapeeth Deemed University, Pune to the following address :

Bharati Vidyapeeth Deemed University

C.E.T. online Department 2nd floor,

Bharati Vidyapeeth Bhavan,

Lal Bahadur Shastri Marg, Pune - 411 030.

(Candidates are advised to obtain and maintain proof of draft and of dispatch of the application form. If paid through DD. This may be usefull for obtaining duplicate admission card if required)

8.1 The Candidate should invariably mention the number of his application form (as printed on it) and his name on the back of his Demand Draft.

8.2 The application sent by mail must be sent by registered post / speed post / courier.

8.3 The application must reach either by hand or by mail to the above address on or 2nd May 2014 before by 1700 hrs.

An incomplete application form and an application form which is not accompanied by a demand draft of the prescribed CET-2014 fee of Rs. 2,200/- will not be entertained and processed. This fee should not be sent by money order. Please note that this fee is non-refundable.

9. This University will not be responsible for any delay or loss of the Application/Admission Card/Counselling Letter/any other communication in transit. Such a delay will not be condoned.

10. The applicant himself has to ascertain from the University office whether his application has reached to the university office or not.

Issue of Admission Cards

11. Admission Cards for CET-2014 will be dispatched by post to candidates under certificate of posting. The admit card may be downloaded from our website. The Admission Card will indicate the Roll Number and Examination Centre allotted to the candidate with its address.

12. The Candidate must not mutilate this Admission Card or change any entry made therein after it has been authenticated by the University authorities.

13. In case the Admission Card is not received by a candidate by 9th May 2014 he/she should contact the concerned Designated Centres at Pune, Navi Mumbai and New Delhi (addresses given on page Cover 3 or the concerned examination centres at Vadodara, Hyderabad, Indore and Bangalore on addresses given on page Cover 3 one day prior to the scheduled date of Entrance Test, CET-2014, for collecting a duplicate admission card. (For centres at Lucknow, Jaipur Chandigarh, Allahabad and Varanasi the candidates should contact the designated centre at New Delhi). In such a situation, the candidate should bring two copies of his/her authenticated photograph along with him/her and a proof of submission/mailing of application form. In case no proof is submitted, duplicate admission card will not be issued. Mere purchase of application form will not be considered as a proof of sending the completed application form.

Conduct of CET-2014

14. The examination will be conducted at the different locations in the designated examination centres at 11.00 hours on 11th May 2014 The candidates must report at the centre at least 30 minutes before the scheduled time of commencement of test.

15. THE EXAMINATION HALL WILL BE OPENED 30 MINUTES BEFORE THE COMMENCEMENT OF THE TEST. CANDIDATES ARE EXPECTED TO TAKE THEIR SEATS AT LEAST 15 MINUTES BEFORE THE COMMENCEMENT OF THE EXAMINATION. IF THE CANDIDATES DO NOT REPORT IN TIME THEY ARE LIKELY TO MISS SOME OF THE IMPORTANT INSTRUCTIONS WHICH WILL BE ANNOUNCED IN THE EXAMINATION HALL.

16. A candidate will not be allowed to appear for the Test if he is late by 30 minutes or more to reach the examination hall.

17. The candidate must bring his admission card with him and show the same on demand for admission to the examination hall. A candidate who does not have the Admission Card issued by the Bharati Vidyapeeth University will not be admitted to the examination hall under any circumstances by the Centre Superintendent.

18. A seat with a number will be allotted to each candidate, in the examination hall.

19. A candidate will not be allowed to carry any textual material, printed or hand written chits or any other material except the Admission Card inside the examination hall. Candidates will not be permitted to bring calculators, slide rules, clerk tables, electronic watches with facilities of calculators, laptop computers, personal stereo systems, walkie-talkie sets, paging devices, mobile telephones and any other objects/devices in the examination hall. Possession or use of such devices during the examination is prohibited and candidate is liable to be expelled if found using or possessing them.

20. No candidate, will be allowed to go outside the examination hall till the completion of the entire duration of test. Once the candidate leaves the hall (even for answering a call of nature) he/she will not be readmitted to examination hall. No exception will be made in this regard.

21. Parents, relatives, or friends of the candidates will not be allowed to enter into the premises of the centre. No arrangement will be made for tea, snacks etc. for the students or parents.

22. Candidates are advised to bring with them a card board or a clip board, on which nothing should have been written. This board will be useful to them while writing their responses in the answer sheet in case tables in the examination hall do not have smooth surface.

23. Smoking in the examination centre is strictly prohibited. Beverages or snacks of any kind are not allowed to be taken into the examination halls during examination hours.

24. Candidates should maintain perfect silence and discipline in the examination hall. Any conversation, gesticulation or disturbance in the examination hall shall be considered as misbehaviour and the candidates involved in such a behaviour will be expelled from the examination hall. Similarly, if any candidate is found using unfair means or allowing someone else to impersonate him / her, his/her candidature at the examination will be instantaneously cancelled.

25. During the test time, the invigilator will check the Admission Cards of the candidates to satisfy himself/herself about the identity of each candidate. The invigilator will also put his/her signature in the place provided in the Answer Sheet on SIDE-1.

26. After completing the test and before handing over the Test Booklet and the Answer Sheet back to the invigilator, the candidate should check once again to see whether all the particulars required in the Test Booklet and the Answer Sheet have been correctly written. He should ensure that the Roll Number, Centre Code and the Test Booklet number are correctly written on the answer sheet.

27. A warning bell will be given at the beginning of the test and also to mark the half-time of the test time. A bell will also be given before the closing time when the candidate must stop marking the responses or writing.

Mode of the test

28. The test consists of one paper. The question paper consists of two hundred objective-type questions on Physics, Chemistry (50 on each) and 100 questions on Biology. The duration of the test is of 3 hours.

Test Booklet

29. Test Booklet : The candidate will be provided with a sealed Test Booklet with an answer sheet. The

candidate will write with ball point pen the required information regarding : Roll Number, Name, Test Form number and Centre of examination and Test booklet number in the columns on the answer sheet. He should also write information on the front page of Test Booklet with out opening the seal.

The candidates are advised not to open/break the seal of the same before they are instructed to do so by the invigilator.

30. IIn the Test Booklet, there will be 200 items/questions serially numbered from 001 to 200. Each item question will be followed by four responses marked (A), (B), (C) and (D). Out of these four responses only one will be correct which needs to be selected and marked on the answer sheet.

The Answer Sheet

31. An answersheet will be given to the candidates alongwith Test Booklet at the time of test.

31.1 This answer sheet will be of special type which will be scanned mechanically by Optical Mark Scanner. So the candidate should handle the answer sheet very carefully.

There will be two sides of the answer sheet.

31.2 Side 1 -

This side of the answer sheet begins with instructions for marking the responses. The following information is to be filled in with a blue or black ball point pen only, neatly and accurately :

} Name of the Candidate

} Roll Number

} Centre of Examination (name of the city)

} Signature of the Candidate

This side of the answer sheet also contains the following columns which are to be written/filled in with blue or black ball point pen only (Please study the specimen answer sheet appended at Annexure-V):

} Roll Number : Write in the squares and darken (completely filling in) the appropriate circles corresponding to Roll Number.

} Test Booklet Number : Each test booklet has a number. Write it at appropriate place.

} Test Form Number : Write in the squares and darken the appropriate circles corresponding to Test Form Number mentioned on the Test Booklet.

31.3 Side-2 :

This side is to be used for marking responses to questions numbered 001 to 200. After every question number, four circles numbered (A), (B), (C) and (D) are provided for this purpose.

The candidate must indicate his/her response to the question by darkening the appropriate circle completely with a blue or black ball point pen or HB Pencil. For example :

Q. 003 Mumbai is the capital city of the

state of : (A)

Tamilnadu

(B) Karnataka

(C) Orissa

(D) Maharashtra

The correct response is (D). The candidate will locate question number in the answer sheet and darken the circle (D) as shown below :

	A)	(B)	(C)	(D)
001	O	O	O	O
002	O	O	O	O
003	O	O	O	~
004	O	O	O	O

If the candidate darkens more than one circles or if he does not mark his response as shown above and marks his response as shown below, his response will be treated as wrong and will not be given marks.

	(A)	(B)	(C)	(D)
001	O	O	O	O
002	O	O	O	O
003	O	~	O	~
004	O	O	O	O

Note : Please use blue or black ball point pen or HB Pencil only for writing/marking particulars on Side-2 of the answer sheet.

32. The candidates are advised to decide about the answer before they mark it on the answer sheets. He/She must ensure that the circle is completely darkened with a blue or black ball point pen or HB Pencil only. A lightly or faintly darkened circle is a wrong method of marking and will be rejected by the Optical Scanner.

33. If the candidate does not want to attempt any particular question he/she is advised not to touch any of the circles given against that question.

34. The candidate must not fold the answer sheet and should not make any stray marks on it.

35. A specimen copy of the answer sheet is given at Annexure V. Candidates are advised to go through it and get conversant with it. The candidate will learn from this answer sheet as to how to fill in the information asked for and how to mark the answers. This will help the candidates to do the things correctly and save their time.

Changing an Answer

36. If a candidate wants to change any answer marked by him/her on the answer sheet, he/she must completely erase the existing ball point pen or pencil mark and then darken the appropriate circle with ball point pen or HB Pencil. Candidate must not leave any visible mark in the circle after erasing. Otherwise the response will be rejected by the optical mark scanner. Such erasing should be avoided as far as possible.

37. Test Booklet number as filled in by the candidate in the answer sheet will be accepted as final for the purpose of evaluation. When the booklet number is left blank or more than one booklet numbers are indicated on the answer sheet it will be deemed as incorrect booklet number and answer sheet will not be evaluated.

Pens, Erasers and Pencils

38. The candidate must bring his/her own materials such as blue or black ball point pen and HB pencil (any other pencil HH, HHH etc. should not to be used). In case any pencil other than HB pencil is used, the answer sheet will be possibly rejected by the Optical mark Scanner. The candidate must also bring his/her own sharpner and erasers of good quality.

Important Instructions for marking

39. USE BLUE OR BLACK BALL POINT PEN OR HB PENCIL ONLY TO DARKEN THE APPROPRIATE CIRCLES.

40. MARKING SHOULD BE DARK AND SHOULD COMPLETELY FILL THE CIRCLE.

41. DARKEN ONLY ONE CIRCLE FOR EACH QUESTION.

42. PLEASE DO NOT FOLD THE ANSWER SHEET OR MAKE ANY STRAY MARKS ON IT.

43. MAKE THE MARKS ONLY IN THE SPACES PROVIDED.

Please note that there will not be negative marking for the wrong answers chosen by the candidate.

Rough Work

44. The candidate will not do any rough work or writing work on the answer sheet. All rough work is to be done in the Test Booklet itself.

Merit List

45. The University will prepare merit list for Regular Merit category candidates who have appeared for CET-2014 in accordance with the total marks obtained by them in Physics, Chemistry and Biology taken together in it. The candidates will be called in for counselling as per their ranking in this list.

46. Copies of merit lists of Regular Merit category and Foreign/N.R.I./PIO/OCI/Managment Merit category will be displayed for information at the offices of Bharati Vidyapeeth Deemed University in Pune, Navi Mumbai and Delhi and Sangli by 17.00 hrs. on the date declared in the calendar of events. The merit list will be also available on our Website : http//www.bvuniversity.edu.in

47. In case two or more candidates obtaining equal marks in the CET-2014, the inter-se-merit of such candidates shall be determined in order of preference as under:

47.1 Candidate obtaining higher marks in Biology (Botany & Zoology) in the entrance examination, if equal

47.2 Candidate obtaining higher marks in Chemistry in the entrance examination, if equal

47.3 Candidate obtaining higher total marks in subjects of Biology, Chemistry, Physics in the 12th standard qualifying examination. (Such a tie will be settled at the time of counselling), if equal

47.4 Candidate obtaining higher percentage of total marks in the 10th standard examination, if equal

47.5 In case of tie at this level, computerised random selection of candidate will be carried out.

Counselling and on-the-spot-admission session

48. The counselling sessions will be conducted at Bharati Vidyapeeth Deemed University Medical College, Pune-Satara Road, Pune 411 043. as per the schedule on Cover Pg. 3 FAILURE TO REPORT FOR COUNSELLING ON THE SCHEDULED DATE AND TIME WILL RESULT IN INSTANTANEOUS CANCELLATION OF A CLAIM OF THE CANDIDATE TO THE SEAT. It shall be candidates responsibility to see the result of CET-2014

49. The candidate should remain present for the personal interview (counselling) and for on the spot admission, as per the schedule even though he/she fails to receive any intimation letter, for any reason from the University.

50. Only the candidate and one of his parents/guardian will be allowed into the hall where counselling is held. The candidates will be called in the order of their ranking in the merit list and offered the seats to the various courses available at that point of time. The candidate will be allowed to choose admission to any of the courses if a seat is available when his/her turn comes.

51. The candidate must note that appearance for the examination and inclusion of name in the merit list does not necessarily mean that he/she will get admission to any course or the courses of his/her choice. His admission to a particular course will depend upon the availability of seats for that particular course at the time of his counselling.

52. At the time of reporting for the counselling, the candidate is required to produce the documents (original and two sets of photocopies) listed in Annexure - I. If the candidate is admitted to any of the courses, these documents will be retained by the University till he/she completes the course. If the candidate fails to produce all or any of the documents listed in Annexure - I. He/she will instantaneously forfeit his / her claim for a seat.

53. Schedule of Counselling

Counselling Schedule for Regular Merit Category		
Date	**Merit From Nos. From-to**	**Time**
01th July 2014	**1 to 100**	**10.00 a.m. onwards**
02th July 2014	**101 to 200**	**10.00 a.m. onwards**
03th July 2014	**201 to 300**	**10.00 a.m. onwards**
04th July 2014	**301 to 400**	**10.00 a.m. onwards**
05th July 2014	**401 to 500**	**10.00 a.m. onwards**
07th July 2014	**501 to 1000**	**10.00 a.m. onwards**
08th July 2014	**1001 to 2000**	**10.00 a.m. onwards**
09th July 2014	**2001 to 4000**	**10.00 a.m. onwards**
10th July 2014	**4001 to 6000**	**10.00 a.m. onwards**
11th July 2014	**6001 to Onwards**	**10.00 a.m. onwards**
Counselling Schedule for Foreign/NRI/PIO/OCI/Management Merit Category		
06th July 2014	**1 to 120**	**10.00 a.m. onwards**

The candidates in the merit list prepared on the basis of marks obtained by the candidates in Physics, Chemistry and Biology taken together at the CET-2014 will be called in as per their ranks for counselling and on the spot admission to the various courses and colleges.

54. If any candidate finds it impossible to be physically present for the counselling due to unavoidable circumstances, he/she may authorise any other responsible individual to represent him/her at the counselling. This representative must carry with him/her the letter of authorisation in the format given in Annexure III as well as all the documents listed in Annexure I. If the candidate or his representative fails to report for the counselling on the date and the time mentioned in the schedule of counselling on Cover Page No. 3, his claim for admission to any of the courses will be forfeited. The choice of course made by the candidate / his / her representative will be final and binding and will not be ordinarily altered later.

55. The selected candidate will be required to pay the entire amount of annual fee on the day of counselling itself. (In cash or through Bank Draft drawn in the name of Registrar,'Bharati Vidyapeeth Deemed University' payable at Pune). In case the candidate fails to remit the entire amount of fees, he/she is likely to lose his/her claim for admission to that seat.

56. Annual Fee Structure

Course	College	Regular Merit Student	Management Merit Students	Foreign / NRI / PIO /OCI Merit Students
1. M.B.B.S.	Medical College, Pune	` 7,10,000/-	` 8,25,000/-	US $ 32,000

	Medical College, Sangli	` 7,10,000/-	` 8,25,000/-	US $ 32,000
2. B.D.S.	Dental College &Hospital, Pune	` 3,50,000/-	` 4,50,000/-	US $ 20,000
	Dantal College & Hospital, Navi Mumbai	` 3,50,000/-	` 4,50,000/-	US $ 20,000
	Dental Collge & Hospital, Sangli	` 2,50,000/-	` 3,50,000/-	US $ 15,000
3. B.A.M.S.	College of Ayurved, Pune	` 2,00,000/-	` 2,60,000/-	US $ 9,000
4. B.H.M.S.	Homoeopathic Medical College, Pune	` 1,05,000/-	` 1,15,000/-	US $ 8,000

57. Refund of Fees

In case of cancellation of Admission the Refund policy will be as follows :

(1) In the event of student withdrawing before the starting of the particular course, the entire fee collected from the student, after a deduction of the processing fee of Rs. 1,000/- (Rupees One thousand only) shall be refunded.

(2) If a student submits his application for cancellation of admission in a prescribed form (duly completed) within 15 calendar days from the date of commencement of the particular course, 10 percent of total amount of tuition fees prescribed for the course will be deducted from the amount of tuition fee paid by him and the balance amount will be refunded.

(3) If a student submits his application for cancellation of admission in a prescribed form (duly completed within 30 calendar days from the date of commencement of the particular course, 20 percent of the total amount of tuition fees prescribed for the course will be deducted from the amount of tuition fee paid by him and the balance amount will be refunded.

(4) If a student submits an application for cancellation of admission after 30 calendar days from the date of commencement of the particular course, no refund will be made and Rule (5) may also be invoked. However, if the application for cancellation of admission is submitted before the last date prescribed for admission, and if the vacated seat is filled by another candidate, 25% of the amount of tuition fees prescribed for the course will be deducted from the amount of tuition fee paid and the balance amount will be refunded.

(5) If any student admitted to any course leaves the course after the prescribed last date for admission of the particular course no refund will be made and he will be required to pay full amount of tuition fees for the remaining entire duration of the course.

58. Hostel facility is available both for boys and girls.

59. Differences of opinion and disputes arising in the interpretation and implementation of the clauses in this Brochure, if any, will be referred to the Vice-Chancellor of the Bharati Vidyapeeth Deemed University, Pune and his decision shall be final and binding on all the concerned.

60. Under no circumstances a change in examination centre once selected by the candidate will be allowed.

61. Any legal matters arising out of the total admission process of MBBS, BDS, BAMS and BHMS through All India Common Entrance Test of Bharati Vidyapeeth Deemed University, Pune - 30 i.e. CET-2014 will be in the courts of Pune, Maharashtra State.

Recommended Syllabus For Common Entrance Test (CET)

PHYSICS

S.No.	CLASS XI	CLASS XII
1.	Physical world and measurement	Electrostatics
2.	Kinematics	Current Electricity
3.	Laws of Motion	Magnetic Effects of Current and Magnetism
4.	Work, Energy and Power	Electromagnetic Induction and Alternating
5.	Motion of System of Particles and Rigid Body	Currents Electromagnetic Waves
6.	Gravitation	Optics
7.	Properties of Bulk Matter	Dual Nature of Matter and Radiation
8.	Thermodynamics	Atoms and Nuclei
9.	Behaviour of Perfect Gas and Kinetic Theory	Electronic Devices
10.	Oscillations and Waves	

CHEMISTRY

S.No.	CLASS XI	CLASS XII
1.	Some Basic Concepts of Chemistry	Solid State
2.	Structure of Atom	Solutions
3.	Classification of Elements & Periodicity in Properties	Electrochemistry
4.	Chemical Bonding and Molecular Structure	Chemical
5.	States of Matter: Gases and Liquids	Kinetics Surface
6.	Thermodynamics	Chemistry
7.	Equilibrium	General Principles & Processes of Isolation of Elements
8.	Redox Reactions	*p*- Block Elements
9.	Hydrogen	*d* and *f* Block Elements
10.	s-Block Element (Alkali & Alkaline earth metals)	Coordination Compounds
11.	Some p-Block Elements	Haloalkanes and
12.	Organic Chemistry- Some Basic Principles & Techniques	Haloarenes Alcohols,
13.	Hydrocarbons	Phenols and Ethers
14.	Environmental Chemistry	Aldehydes, Ketones and Carboxylic Acids
15.		Organic Compounds Containing Nitrogen
16.		Biomolecules

BIOLOGY

S.No.	CLASS XI	CLASS XII
1.	Diversity in Living World	Reproduction
2.	Structural Organisation in Animals and	Genetics and Evolution Biology
3.	Plants	and Human Welfare
4.	Cell Structure and Function	Biotechnology and Its Applications
5.	Plant Physiology	Ecology and environment
	Human physiology	

PHYSICS

CONTENTS CLASS XI SYLLABUS

UNIT I: Physical World and Measurement

- *Physics:* Scope and excitement; nature of physical laws; Physics, technology and society.
- *Need for measurement:* Units of measurement; systems of units; SI units, fundamental and derived units. Length, mass and time measurements; accuracy and precision of measuring instruments; errors in measurement; significant figures.
- Dimensions of physical quantities, dimensional analysis and its applications.

UNIT II: Kinematics

- Frame of reference, Motion in a straight line; Position-time graph, speed and velocity. Uniform and non-uniform motion, average speed and instantaneous velocity. Uniformly accelerated motion, velocity-time and position-time graphs, for uniformly accelerated motion (graphical treatment).
- Elementary concepts of differentiation and integration for describing motion. *Scalar and vector quantities:* Position and displacement vectors, general vectors, general vectors and notation, equality of vectors, multiplication of vectors by a real number; addition and subtraction of vectors. Relative velocity.
- Unit vectors. Resolution of a vector in a plane-rectangular components.
- Scalar and Vector products of Vectors. Motion in a plane. Cases of uniform velocity and uniform acceleration- projectile motion. Uniform circular motion.

UNIT III: Laws of Motion

- Intuitive concept of force. Inertia, Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion. Law of conservation of linear momentum and its applications.
- Equilibrium of concurrent forces. Static and Kinetic friction, laws of friction, rolling friction, lubrication.
- *Dynamics of uniform circular motion.* Centripetal force, examples of circular motion (vehicle on level circular road, vehicle on banked road).

UNIT IV: Work, Energy and Power

- Work done by a constant force and variable force; kinetic energy, work-energy theorem, power.
- Notion of potential energy, potential energy of a spring, conservative forces; conservation of mechanical energy (kinetic and potential energies); non-conservative forces; motion in a vertical circle, elastic and inelastic collisions in one and two dimensions.

UNIT V: Motion of System of Particles and Rigid Body

- Centre of mass of a two-particle system, momentum conservation and centre of mass motion. Centre of mass of a rigid body; centre of mass of uniform rod.
- Moment of a force,-torque, angular momentum, conservation of angular momentum with some examples.
- Equilibrium of rigid bodies, rigid body rotation and equation of rotational motion, comparison of linear and rotational motions; moment of inertia, radius of gyration. Values of M.I. for simple geometrical objects (no derivation). Statement of parallel and perpendicular axes theorems and their applications.

UNIT VI: Gravitation

- Kepler's laws of planetary motion. The universal law of gravitation. Acceleration due to gravity and its variation with altitude and depth.
- Gravitational potential energy; gravitational potential. Escape velocity, orbital velocity of a satellite. Geostationary satellites.

UNIT VII: Properties of Bulk Matter

- Elastic behavior, Stress-strain relationship. Hooke's law, Young's modulus, bulk modulus, shear, modulus of rigidity, poisson's ratio; elastic energy.
- Viscosity, Stokes' law, terminal velocity, Reynold's number, streamline and turbulent flow. Critical velocity, Bernoulli's theorem and its applications.
- Surface energy and surface tension, angle of contact, excess of pressure, application of surface tension ideas to drops, bubbles and capillary rise.
- Heat, temperature, thermal expansion; thermal expansion of solids, liquids, and gases. Anomalous expansion. Specific heat capacity: Cp, Cv- calorimetry; change of state – latent heat.
- Heat transfer- conduction and thermal conductivity, convection and radiation. Qualitative ideas of Black Body Radiation, Wein's displacement law, and Green House effect.
- Newton's law of cooling and Stefan's law.

UNIT VIII: Thermodynamics

- Thermal equilibrium and definition of temperature (zeroth law of Thermodynamics). Heat, work and internal energy. First law of thermodynamics. Isothermal and adiabatic processes.
- *Second law of the thermodynamics:* Reversible and irreversible processes. Heat engines and refrigerators.

UNIT IX: Behaviour of Perfect Gas and Kinetic Theory

- Equation of state of a perfect gas, work done on compressing a gas.
- *Kinetic theory of gases:* Assumptions, concept of pressure. Kinetic energy and temperature; degrees of freedom, law of equipartition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path.

UNIT X: Oscillations and Waves

- Periodic motion-period, frequency, displacement as a function of time. Periodic functions. Simple harmonic motion(SHM) and its equation; phase; oscillations of a spring-restoring force and force constant; energy in SHM –Kinetic and potential energies; simple pendulum-derivation of expression for its time period; free, forced and damped oscillations (qualitative ideas only), resonance.
- Wave motion. Longitudinal and transverse waves, speed of wave motion. Displacement relation for a progressive wave. Principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental mode and harmonics. Beats. Doppler effect.

CONTENTS OF CLASS XII SYLLABUS

UNIT I: Electrostatics

- Electric charges and their conservation. Coulomb's law-force between two point charges, forces between multiple charges; superposition principle and continuous charge distribution.
- Electric field, electric field due to a point charge, electric field lines; electric dipole, electric field due to a dipole; torque on a dipole in a uniform electric field.
- Electric flux, statement of Gauss's theorem and its applications to find field due to infinitely long straight wire, uniformly charged infinite plane sheet and uniformly charged thin spherical shell (field inside and outside)
- Electric potential, potential difference, electric potential due to a point charge, a dipole and system of charges:equipotential surfaces, electrical potential energy of a system of two point charges and of electric diploes in an electrostatic field.
- Conductors and insulators, free charges and bound charges inside a conductor. Dielectrics and electric polarization, capacitors and capacitance, combination of capacitors in series and in parallel, capacitance of a parallel plate capacitor with and without dielectric medium between the plates, energy stored in a capacitor, Van de Graaff generator.

UNIT II: Current Electricity

- Electric current, flow of electric charges in a metallic conductor, drift velocity and mobility, and their relation with elec tric current; Ohm's law, electrical resistance, *V-I* characteristics (liner and non-linear), electrical energy and power, electrical resistivity and conductivity.
- Carbon resistors, colour code for carbon resistors; series and parallel combinations of resistors; temperature dependence of resistance.
- Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel.
- Kirchhoff's laws and simple applications. Wheatstone bridge, metre bridge.
- Potentiometer-principle and applications to measure potential difference, and for comparing emf of two cells; measurement of internal resistance of a cell.

UNIT III: Magnetic Effects of Current and Magnetism

- Concept of magnetic field, Oersted's experiment. Biot-Savart law and its application to current carrying circular loop.
- Ampere's law and its applications to infinitely long straight wire, straight and toroidal solenoids. Force on a moving charge in uniform magnetic and electric fields. Cyclotron.
- Force on a current-carrying conductor in a uniform magnetic field. Force between two parallel current-carrying conductors-definition of ampere. Torque experienced by a current loop in a magnetic field; moving coil galvanometer-its current sensitivity and conversion to ammeter and voltmeter.
- Current loop as a magnetic dipole and its magnetic dipole moment. Magnetic dipole moment of a revolving electron. Magnetic field intensity due to a magnetic dipole (bar magnet) along its axis and perpendicular to its axis. Torque on a magnetic dipole (bar magnet) in a uniform magnetic field; bar magnet as an equivalent solenoid, magnetic field lines; Earth's magnetic field and magnetic elements.
- Para-, dia-and ferro-magnetic substances, with examples.
- Electromagnetic and factors affecting their strengths. Permanent magnets.

UNIT IV: Electromagnetic Induction and Alternating Currents

- Electromagnetic induction; Faraday's law, induced emf and current; Lenz's Law, Eddy currents. Self and mutual inductance.
- Alternating currents, peak and rms value of alternating current/ voltage; reactance and impedance; LC oscillations (qualitative treatment only), LCR series circuit, resonance; power in AC circuits, wattles current.
- AC generator and transformer.

UNIT V: Electromagnetic Waves

- Need for displacement current.
- Electromagnetic waves and their characteristics (qualitative ideas only). Transverse nature of electromagnetic waves.
- Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet, x-rays, gamma rays) including elementary facts about their uses.

UNIT VI: Optics

- Reflection of light, spherical mirrors, mirror formula. Refraction of light, total internal reflection and its applications optical fibres, refraction at spherical surfaces, lenses, thin lens formula, lens-maker's formula. Magnification, power of a lens, combination of thin lenses in contact combination of a lens and a mirror. Refraction and dispersion of light through a prism.
- Scattering of light- blue colour of the sky and reddish appearance of the sun at sunrise and sunset.
- *Optical instruments:* Human eye, image formation and accommodation, correction of eye defects (myopia and hypermetropia) using lenses.

- Microscopes and astronomical telescopes (reflecting and refracting) and their magnifying powers.
- *Wave optics:* Wavefront and Huygens' principle, reflection and refraction of plane wave at a plane surface using wavefronts.
- Proof of laws of reflection and refraction using Huygens' principle.
- Interference, Young's double hole experiment and expression for fringe width, coherent sources and sustained interference of light.
- Diffraction due to a single slit, width of central maximum.
- Resolving power of microscopes and astronomical telescopes. Polarisation, plane polarized light; Brewster's law, uses of plane polarized light and Polaroids.

UNIT VII: Dual Nature of Matter and Radiation

- Photoelectric effect, Hertz and Lenard's observations; Einstein's photoelectric equation- particle nature of light.
- Matter waves- wave nature of particles, de Broglie relation. Davisson-Germer experiment (experimental details should be omitted; only conclusion should be explained).

UNIT VIII: Atoms and Nuclei

- Alpha- particle scattering experiments; Rutherford's model of atom; Bohr model, energy levels, hydrogen spectrum. Composition and size of nucleus, atomic masses, isotopes, isobars; isotones.
- Radioactivity- alpha, beta and gamma particles/ rays and their properties decay law. Mass-energy relation, mass defect; binding energy per nucleon and its variation with mass number, nuclear fission and fusion.

UNIT IX: Electronic Devices

- Energy bands in solids (qualitative ideas only), conductors, insulators and semiconductors; semiconductor diode- I-V characteristics in forward and reverse bias, diode as a rectifier; I-V characteristics of LED, photodiode, solar cell, and Zener diode; Zener diode as a voltage regulator. Junction transistor, transistor action, characteristics of a transistor; transistor as an amplifier (common emitter configuration) and oscillator. Logic gates (OR, AND, NOT, NAND and NOR). Transistor as a switch.

CHEMISTRY

CONTENTS OF CLASS XI SYLLABUS

UNIT I: Some Basic Concepts of Chemistry

- General Introduction: Important and scope of chemistry.
- Laws of chemical combination, Dalton's atomic theory: concept of elements, atoms and molecules.
- Atomic and molecular masses. Mole concept and molar mass; percentage composition and empirical and molecular formula; chemical reactions, stoichiometry and calculations based on stoichiometry.

UNIT II: Structure of Atom

- Atomic number, isotopes and isobars. Concept of shells and subshells, dual nature of matter and light, de Broglie's relationship, Heisenberg uncertainty principle, concept of orbital, quantum numbers, shapes of s,p and d orbitals, rules for filling electrons in orbitals- Aufbau principle, Pauli exclusion principles and Hund's rule, electronic configuration of atoms, stability of half filled and completely filled orbitals.

UNIT III: Classification of Elements and Periodicity in Properties

- Modern periodic law and long form of periodic table, periodic trends in properties of elements- atomic radii, ionic radii, ionization enthalpy, electron gain enthalpy, electronegativity, valence.

UNIT IV: Chemical Bonding and Molecular Structure

- Valence electrons, ionic bond, covalent bond, bond parameters, Lewis structure, polar character of covalent bond, valence bond theory, resonance, geometry of molecules, VSEPR theory, concept of hybridization involving s, p and d orbitals and shapes of some simple molecules, molecular orbital theory of homonuclear diatomic molecules (qualitative idea only). Hydrogen bond.

UNITV: States of Matter: Gases and Liquids

- Three states of matter, intermolecular interactions, types of bonding, melting and boiling points, role of gas laws of elucidating the concept of the molecule, Boyle's law, Charle's law, Gay Lussac's law, Avogadro's law, ideal behaviour of gases, empirical derivation of gas equation. Avogadro number, ideal gas equation. Kinetic energy and molecular speeds (elementary idea), deviation from ideal behaviour, liquefaction of gases, critical temperature.
- Liquid State- Vapour pressure, viscosity and surface tension (qualitative idea only, no mathematical derivations).

UNITVI : Thermodynamics

- First law of thermodynamics-internal energy and enthalpy, heat capacity and specific heat, measurement of U and H, Hess's law of constant heat summation, enthalpy of : bond dissociation, combustion, formation, atomization, sublimation, phase transition, ionization, solution and dilution.
- Introduction of entropy as state function, Second law of thermodynamics, Gibbs energy change for spontaneous and non- spontaneous process, criteria for equilibrium and spontaneity.
- Third law of thermodynamics- Brief introduction.

UNIT VII: Equilibrium

- Equilibrium in physical and chemical processes, dynamic nature of equilibrium, law of chemical equilibrium, equilibrium constant, factors affecting equilibrium-Le Chatelier's principle; ionic equilibrium- ionization of acids and bases, strong and weak electrolytes, degree of ionization, ionization of polybasic acids, acid strength, concept of pH., Hydrolysis of salts (elementary idea)., buffer solutions, Henderson equation, solubility product, common ion effect (with illustrative examples).

UNIT VIII: Redox Reactions

- Concept of oxidation and oxidation and reduction, redox reactions oxidation number, balancing redox reactions in terms of loss and gain of electron and change in oxidation numbers.

UNIT IX: Hydrogen

- Occurrence, isotopes, preparation, properties and uses of hydrogen; hydrides-ionic, covalent and interstitial; physical and chemical properties of water, heavy water; hydrogen peroxide-preparation, reactions, uses and structure;

UNIT X: s-Block Elements (Alkali and Alkaline earth metals)

- Group I and group 2 elements:
- General introduction, electronic configuration, occurrence, anomalous properties of the first element of each group, diagonal relationship, trends in the variation of properties (such as ionization enthalpy, atomic and ionic radii), trends in chemical reactivity with oxygen, water, hydrogen and halogens; uses.
- Preparation and Properties of Some important Compounds:
- Sodium carbonate, sodium chloride, sodium hydroxide and sodium hydrogencarbonate, biological importance of sodium and potassium.
- Industrial use of lime and limestone, biological importance of Mg and Ca.

UNIT XI: Some p-Block Elements

- General Introduction to p-Block Elements.
- Group 13 elements: General introduction, electronic configuration, occurrence, variation of properties, oxidation states, trends in chemical reactivity, anomalous properties of first element of the group; Boron, some important compounds: borax, boric acids, boron hydrides. Aluminium: uses, reactions with acids and alkalies.
- General 14 elements: General introduction, electronic configuration, occurrence, variation of

properties, oxidation states, trends in chemical reactivity, anomalous behaviour of first element. Carbon, allotropic forms, physical and chemical properties: uses of some important compounds: oxides.

- Important compounds of silicon and a few uses: silicon tetrachloride, silicones, silicates and zeolites, their uses.

UNIT XII: Organic Chemistry- Some Basic Principles and Techniques

- General introduction, methods of purification qualitative and quantitative analysis, classification and

IUPAC nomenclature of organic compounds.

- Electronic displacements in a covalent bond: inductive effect, electromeric effect, resonance and hyper conjugation.
- Homolytic and heterolytic fission of a covalent bond: free radials, carbocations, carbanions; electrophiles and nucleophiles, types of organic reactions.

UNIT XIII: Hydrocarbons

- Alkanes- Nomenclature, isomerism, conformations (ethane only), physical properties, chemical reactions including free radical mechanism of halogenation, combustion and pyrolysis.
- Alkanes-Nomenclature, structure of double bond (ethene), geometrical isomerism, physical properties, methods of preparation: chemical reactions: addition of hydrogen, halogen, water, hydrogen halides (Markovnikov's addition and peroxide effect), ozonolysis, oxidation, mechanism of electrophilic addition.
- Alkynes-Nomenclature, structure of triple bond (ethyne), physical properties, methods of preparation, chemical reactions:acidic character of alkynes, addition reaction of- hydrogen, halogens, hydrogen halides and water.
- Aromatic hydrocarbons- Introduction, IUPAC nomenclature; Benzene; resonance, aromaticity; chemical properties: mechanism of electrophilic substitution- Nitration sulphonation, halogenation, Friedel Craft's alkylation and acylation; directive influence of functional group in mono-substituted benzene; carcinogenicity and toxicity.

UNIT XIV: Environmental Chemistry

- Environmental pollution: Air, water and soil pollution, chemical reactions in atmosphere, smogs, major atmospheric pollutants; acid rain ozone and its reactions, effects of depletion of ozone layer, greenhouse effect and global warming- pollution due to industrial wastes; green chemistry as an alternative tool for reducing pollution, strategy for control of environmental pollution.

CONTENTS OF CLASS XII SYLLABUS

UNIT I: Solid State

- Classification of solids based on different binding forces; molecular, ionic covalent and metallic solids, amorphous and crystalline solids (elementary idea), unit cell in two dimensional and three dimensional lattices, calculation of density of unit cell, packing in solids, packing efficiency, voids, number of atoms per unit cell in a cubic unit cell, point defects, electr ical and magnetic properties, Band theory of metals, conductors, semiconductors and insulators.

UNIT II: Solutions

- Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, colligative properties- relative lowering of vapour pressure, Raoult's law, elevation of boiling point, depression of freezing point, osmotic pressure, determination of molecular masses using colligative properties abnormal molecular mass. Van Hoff factor.

UNIT III: Electrochemistry

- Redox reactions, conductance in electrolytic solutions, specific and molar conductivity variation of conductivity with concentration, kohlrausch's Law, electrolysis and Laws of electrolysis (elementary idea), dry cell- electrolytic cells and Galvanic cells; lead accumulator, EMF of a cell, standard electrode potential, Relation between Gibbs energy change and EMF of a cell, fuel cells; corrosion.

UNIT IV: Chemical Kinetics

- Rate of a reaction (average and instantaneous), factors affecting rates of reaction; concentration, temperature, catalyst; order and molecularity of a reaction; rate law and specific rate constant, integrated rate equations and half life (only for zero and first order reactions); concept of collision theory (elementary idea, no mathematical treatment). Activation energy, Arrhenious equation.

UNIT V: Surface Chemistry

- Adsorption-physisorption and chemisorption; factors affecting adsorption of gases on solids, catalysis homogeneous and heterogeneous, activity and selectivity: enzyme catalysis; colloidal state: distinction between true solutions, colloids and suspensions; lyophillic, lyophobic multimolecular and macromolecular colloids; properties of colloids; Tyndall effect, Brownian movement, electrophoresis, coagulation; emulsions- types of emulsions.

UNIT VI: General Principles and Processes of Isolation of Elements

- Principles and methods of extraction- concentration, oxidation, reduction electrolytic method and refining; occurrence and principles of extraction of aluminium, copper, zinc and iron.
- Group 15 elements: General introduction, electronic configuration, occurrence, oxidation states, trends in physical and chemical properties; preparation and properties of ammonia and nitric acid, oxides of nitrogen (structure only); Phosphorous- allotropic forms; compounds of phosphorous: preparation and properties of phosphine, halides (PCI3, PCI5) and oxoacids (elementary idea only).
- Group 16 elements: General introduction, electronic configuration, oxidation states, occurrence, trends in physical and chemical properties; dioxygen: preparation, properties and uses; classification of oxides; ozone. Sulphur – allotropic forms; compounds of sulphur: preparation, preparation, properties and uses of sulphur dioxide; sulphuric acid: industrial process of manufacture, properties and uses, oxoacids of sulphur (structures only).
- Group 17 elements: General introduction, electronic configuration, oxidation states, occurrence, trends in physical and chemical properties; compounds of halogens: preparation, properties and uses of chlorine and hydrochloric acid, interhalogen compounds oxoacids of halogens (structures only).
- Group 18 elements: General introduction, electronic configuration, occurrence, trends in physical and chemical properties, uses.

UNIT VIII: d and f Block Elements

- General introduction, electronic configuration, characteristics of transition metals, general trends in properties of the first row transition metals- metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation. Preparation and properties of K2Cr2O7 and KMnO4.
- Lanthanoids- electronic configuration, oxidation states, chemical reactivity, and lanthanoid contraction and its consequences.
- Actinoids: Electronic configuration, oxidation states and comparison with lanthanoids.

UNIT IX: Coordination Compounds

- Coordination compounds: Introduction, ligands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature of mononuclear coordination compounds, isomerism (structural and stereo) bonding, Werner's theory VBT,CFT; importance of coordination compounds (in qualitative analysis, biological systems).

UNIT X: Haloalkanes and Haloarenes

- Haloalkanes: Nomenclature, nature of C –X bond, physical and chemical properties, mechanism of substitution reactions.

Optical rotation.

- Haloarenes: Nature of C-X bond, substitution reactions (directive influence of halogen for monosubstituted compounds only).
- Uses and environment effects of – dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.

UNIT XI: Alcohols, Phenols and Ethers

- Alcohols: Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only); identification of primary, secondary and tertiary alcohols; mechanism of dehydration, uses with special reference to methanol and ethanol.
- Phenols: Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophillic substitution reactions, uses of phenols.
- Ethers: Nomenclature, methods of preparation, physical and chemical properties uses.

UNIT XII: Aldehydes, Ketones and Carboxylic Acids

- Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties; and mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes; uses.
- Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.
    - Amines: Nomenclature, classification, structure, methods of preparation, physical and chemical properties, uses, identification of primary secondary and tertiary amines.
    - Cyanides and Isocyanides- will be mentioned at relevant places.
    - Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry.

    UNIT XIV: Biomolecules

    - Carbohydrates- Classification (aldoses and ketoses), monosaccharide (glucose and fructose), D.L. configuration, oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen): importance.
    - Proteins- Elementary idea of – amino acids, peptide bond, polypeptides, proteins, primary structure, secondary structure, tertiary structure and quaternary structure (qualitative idea only), denaturation of proteins; enzymes.
    - Hormones- Elementary idea (excluding structure).
    - Vitamins- Classification and function.
    - Nucleic Acids: DNA and RNA

    UNIT XV: Polymers

    - Classification- Natural and synthetic, methods of polymerization (addition and condensation), copolymerization. Some important polymers: natural and synthetic like polyesters, bakelite; rubber, Biodegradable and non-biodegradable polymers.

    UNIT XVI: Chemistry in Everyday Life

    - Chemicals in medicines- analgesics, tranquilizers, antiseptics, disinfectants, antimicrobials, antifertility drugs, antibiotics, antacids, antihistamines.
    - Chemicals in food- preservatives, artificial sweetening agents, elementary idea of antioxidants.

- Cleansing agents- soaps and detergents, cleansing action.

BIOLOGY

CONTENTS OF CLASS XI SYLLABUS

UNIT I: Diversity in Living World

- What is living? ; Biodiversity; Need for classification; Three domains of life; Taxonomy & Systematics; Concept of species and taxonomical hierarchy; Binomial nomenclature; Tools for study of Taxonomy – Museums, Zoos, Herbaria, Botanical gardens.
- Five kingdom classification; salient features and classification of Monera; Protista and Fungi into major groups; Lichens; Viruses and Viroids.
- Salient features and classification of plants into major groups-Algae, Bryophytes, Pteridophytes, Gymnosperms and Angiosperms (three to five salient and distinguishing features and at least two examples of each category); Angiosperms- classification up to class, characteristic features and examples).
- Salient features and classification of animals-nonchordate up to phyla level and chordate up to classes level (three to five salient features and at least two examples).

UNIT II: Structural Organisation in Animals and Plants

- Morphology and modifications; Tissues; Anatomy and functions of different parts of flowering plants: Root, stem, leaf, inflorescence- cymose and recemose, flower, fruit and seed (To be dealt along with the relevant practical of the Practical Syllabus).
- Animal tissues; Morphology, anatomy and functions of different systems (digestive, circulatory, respiratory, nervous and reproductive) of an insect (cockroach). (Brief account only)

UNIT III: Cell Structure and Function

- Cell theory and cell as the basic unit of life; Structure of prokaryotic and eukaryotic cell; Plant cell and animal cell; Cel l envelope, cell membrane, cell wall; Cell organelles-structure and function; Endomembrane system-endoplasmic reticulum, Golgi bodies, lysosomes, vacuoles; mitochondria, ribosomes, plastids, micro bodies; Cytoskeleton, cilia, flagella, centrioles (ultra structure and function); Nucleus-nuclear membrane, chromatin, nucleolus.
- Chemical constituents of living cells: Biomolecules-structure and function of proteins, carbodydrates, lipids, nucleic acids; Enzymes-types, properties, enzyme action.
- B Cell division: Cell cycle, mitosis, meiosis and their significance.

UNIT IV: Plant Physiology

- Transport in plants: Movement of water, gases and nutrients; Cell to cell transport-Diffusion, facilitated diffusion, active transport; Plant – water relations – Imbibition, water potential, osmosis, plasmolysis; Long distance transport of water – Absorption, apoplast, symplast, transpiration pull, root pressure and guttation; Transpiration-Opening and closing of stomata; Uptake and translocation of mineral nutrients-Transport of food, phloem transport, Mass flow hypothesis; Diffusion of gases (brief mention).
- Mineral nutrition: Essential minerals, macro and micronutrients and their role; Deficiency symptoms; Mineral toxicity; Elementary idea of Hydroponics as a method to study mineral nutrition; Nitrogen metabolism-Nitrogen cycle, biological nitrogen fixation.
- Photosynthesis: Photosynthesis as a means of Autotrophic nutrition; Site of photosynthesis take place; pigments involved in Photosynthesis (Elementary idea); Photochemical and biosynthetic phases of photosynthesis; Cyclic and non cyclic and photophosphorylation; Chemiosmotic hypothesis; Photorespiration C3 and C4 pathways; Factors affecting photosynthesis.
- Respiration: Exchange gases; Cellular respiration-glycolysis, fermentation (anaerobic), TCA cycle and electron transport system (aerobic); Energy relations-Number of ATP molecules generated; Amphibolic pathways; Respiratory quotient.
- Plant growth and development: Seed germination; Phases of Plant growth and plant growth

rate;Conditions of growth; Differentiation, dedifferentiation and redifferentiation; Sequence of developmental process in a plant cell; Growth regulators- auxin,gibberellin, cytokinin, ethylene, ABA; Seed dormancy; Vernalisation; Photoperiodism.

UNIT IV: Human Physiology

- Digestion and absorption; Alimentary canal and digestive glands; Role of digestive enzymes and gastrointestinal hormones; Peristalsis, digestion, absorption and assimilation of proteins, carbohydrates and fats; Caloric value of proteins, carbohydrates and fats; Egestion; Nutritional and digestive disorders
  – PEM, indigestion, constipation, vomiting, jaundice, diarrhea.
- Breathing and Respiration: Respiratory organs in animals (recall only); Respiratory system in humans; Mechanism of breathing and its regulation in humans-Exchange of gases, transport of gases and regulation of respiration Respiratory volumes; Disorders related to respiration-Asthma, Emphysema, Occupational respiratory disorders.
- Body fluids and circulation: Composition of blood, blood groups, coagulation of blood; Composition of lymph and its function; Human circulatory system-Structure of human heart and blood vessels; Cardiac cycle, cardiac output, ECG, Double circulation; Regulation of cardiac activity; Disorders of circulatory system-Hypertension, Coronary artery disease, Angina pectoris, Heart failure.
- Excretory products and their elimination: Modes of excretion- Ammonotelism, ureotelism, uricotelism; Human excretory system- structure and fuction; Urine formation, Osmoregulation; Regulation of kidney function-Renin-angiotensin, Atrial Natriuretic Factor, ADH and Diabetes insipidus; Role of other organs in excretion; Disorders; Uraemia, Renal failure, Renal calculi, Nephritis; D ialysis and artificial kidney.
- Locomotion and Movement: Types of movement- ciliary, fiagellar, muscular; Skeletal muscle-contractile proteins and muscle contraction; Skeletal system and its functions (To be dealt with the relevant practical of Practical syllabus); Joints; Disorders of muscular and skeletal system-Myasthenia gravis, Tetany, Muscular dystrophy, Arthritis, Osteoporosis, Gout.
- Neural control and coordination: Neuron and nerves; Nervous system in humans- central nervous system, peripheral nervous system and visceral nervous system; Generation and conduction of nerve impulse; Reflex action; Sense organs; Elementary structure and function of eye and ear.
- Chemical coordination and regulation: Endocrine glands and hormones; Human endocrine system- Hypothalamus, Pituitary, Pineal, Thyroid, Parathyroid, Adrenal, Pancreas, Gonads; Mechanism of hormone action (Elementary Idea); Role of hormones as messengers and regulators, Hypo-and hyperactivity and related disorders (Common disorders e.g. Dwarfism, Acromegaly, Cretinism, goiter, exopthalmic goiter, diabetes, Addison's disease).

(Imp: Diseases and disorders mentioned above to be dealt in brief.)

CONTENTS OF CLASS XII
SYLLABUS

UNIT I: Reproduction

- Reproduction in organisms: Reproduction, a characteristic feature of all organisms for continuation of species; Modes of reproduction – Asexual and sexual; Asexual reproduction; Modes-Binary fission, sporulation, budding, gemmule, fragmentation; vegetative propagation in plants.
- Sexual reproduction in flowering plants: Flower structure; Development of male and female gametophytes; Pollination-types, agencies and examples; Outbreeding devices; Pollen-Pistil interaction; Double fertilization; Post fertilization events- Development of endosperm and embryo, Development of seed and formation of fruit; Special modes-apomixis, parthenocarpy, polyembryony; Significance of seed and fruit formation.
- Human Reproduction: Male and female reproductive systems; Microscopic anatomy of testis and ovary; Gametogenesis- spermatogenesis & oogenesis; Menstrual cycle; Fertilisation, embryo development upto blastocyst formation, implantation; Pregnancy and placenta formation (Elementary idea); Parturition (Elementary idea); Lactation (Elementary idea).

- Reproductive health: Need for reproductive health and prevention of sexually transmitted diseases (STD); Birth control-Need and Methods, Contraception and Medical Termination of Pregnancy (MTP); Amniocentesis; Infertility and assisted reproductive technologies – IVF, ZIFT, GIFT (Elementary idea for general awareness).

UNIT II: Genetics and Evolution

- Heredity and variation: Mendelian Inheritance; Deviations from Mendelism-Incomplete dominance, Co-dominance, Multiple alleles and Inheritance of blood groups, Pleiotropy; Elementary idea of polygenic inheritance; Chromosome theory of inheritance; Chromosomes and genes; Sex determination-In humans, birds, honey bee; Linkage and crossing over; Sex linked inheritance- Haemophilia, Colour blindness; Mendelian disorders in humans-Thalassemia; Chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes.
- Molecular basis of Inheritance: Search for genetic material and DNA as genetic material; Structure of DNA and RNA; DNA packaging; DNA replication; Central dogma; Transcription, genetic code, translation; Gene expression and regulation-Lac Operon; Genome and human genome project; DNA finger printing.
- Evolution: Origin of life; Biological evolution and evidences for biological evolution from Paleontology, comparative anatomy, embryology and molecular evidence); Darwin's contribution, Modern Synthetic theory of Evolution; Mechanism of evolution-Variation (Mutation and Recombination) and Natural Selection with examples, types of natural selection; Gene flow and genetic drift; Hardy-Weinberg's principle; Adaptive Radiation; Human evolution.

UNIT III: Biology and Human Welfare

- Health and Disease; Pathogens; parasites causing human diseases (Malaria, Filariasis, Ascariasis. Typhoid, Pneumonia, common cold, amoebiasis, ring worm); Basic concepts of immunology-vaccines; Cancer, HIV and AIDS; Adolescence, drug and alcohol abuse.
- Improvement in food production; Plant breeding, tissue culture, single cell protein, Biofortification; Apiculture and Animal husbandry.
- Microbes in human welfare: In household food processing, industrial production, sewage treatment, energy generation and as biocontrol agents and biofertilizers.

UNIT IV: Biotechnology and Its Applications

- Principles and process of Biotechnology: Genetic engineering (Recombinant DNA technology).
- Application of Biotechnology in health and agriculture: Human insulin and vaccine production, gene therapy; Genetically modified organisms-Bt crops; Transgenic Animals; Biosafety issues-Biopiracy and patents.

UNIT V: Ecology and environment

- Organisms and environment: Habitat and niche; Population and ecological adaptations; Population interactions-mutualism, competition, predation, parasitism; Population attributes-growth, birth rate and death rate, age distribution.
- Ecosystem: Patterns, components; productivity and decomposition; Energy flow; Pyramids of number, biomass, energy; Nutrient cycling (carbon and phosphorous); Ecological succession; Ecological Services-Carbon fixation, pollination, oxygen release.
- Biodiversity and its conservation: Concept of Biodiversity; Patterns of Biodiversity; Importance of Biodiversity; Loss of Biodiversity; Biodiversity conservation; Hotspots, endangered organisms, extinction, Red Data Book, biosphere reserves, National parks and sanctuaries.
- Environmental issues: Air pollution and its control; Water pollution and its control; Agrochemicals and their effects; Solid waste management; Radioactive waste management; Greenhouse effect and global warning; Ozone depletion; Deforestation; Any three case studies as success stories addressing environmental issues.

List Of Documents Required While Reporting For Counselling

At the time of counselling, you are required to produce the following documents in original, failure to do so will result in instantaneous cancellation of your claim for admission. You are also required to submit two photocopies of each of these documents.

1. Your letter for counselling
2. For a Proof of date of Birth : SSC Certificate or Birth Certificate issued by local self Government (like Municipal Corporation, Municipality etc.) Incase of dispute the birth certificate issued by local Self Govt. will be treated as final.
3. Certificate of Domicile/Nationality.
4. School/College Leaving Certificate .
5. Statement of marks of X std examination.
6. Statement of marks of XII std examination.
7. Transfer Certificate from the Institution in which you had studied last.
8. Caste Certificate (in case of candidates of SC/ST category)
9. Caste validity certificate issued by appropriate authority (in case of candidates of SC/ST category)
10. Migration Certificate (for students who joined a course after 12th).
11. Conduct and Character Certificate from a responsible person.
12. Certificate of Medical Fitness. (as per Annexure IV)
13. An affidavit in the format as per Annexure II, on judicial stamp of Rs. 100/- signed by you and countersigned by your parent/guardian in the presence of Notary Public.
14. Six recent passport-size photographs with your names written on backside.
15. The amount of fees and Hostel fees (in case you are admitted to Hostel.)
16. Authority letter-wherever applicable.
17. Information and affidavit on judicial stamp of Rs. 100/- to be filled by the student and the parents in relation to antiragging measures as per the regulation.
18. The application should also be accompanied by a document in the form of school leaving certificate / transfer / migration / character certificate, which should include a report on behavioral pattern of applicant, so that the institution can thereafter keep intense watch upon a student who has a negative entry in this regard.

ALL CANDIDATES APPLYING FOR ADMISSION TO THIS COURSE AND THE PARENTS OF THESE STUDENTS WILL HAVE TO GIVE AN AFFIDAVIT AND VERIFICATION AS GIVEN BELOW IF ADMITTED TO BHARATI VIDYAPEETH DEEMED UNIVERSITY, PUNE.

BHARATI VIDYAPEETH DEEMED UNIVERSITY, PUNE
AFFIDAVIT BY THE STUDENT

1. I _____, _____s/o/d/o Mr./Mrs./Ms. _____, applying for admission to, _____Bharati Vidyapeeth Deemed University, Pune am aware about the Rules & Regulations relating to curbing Menace of Ragging in Higher Educational Institutions - 2009.
2. I am aware as to what constitutes ragging.
3. I am fully aware of the penal and administrative action that is liable to be taken against me in case I am found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
4. I hereby solemnly aver and undertake that

a. I will not indulge in any behaviour or act that may be constituted as ragging under clause 3 of the Regulations.

b. I will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.

5. I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminalaction that may be taken against me under any penal law or any law for the time being in force.
6. I hereby declare that I have not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to be cancelled.

Declared this _____day of _____month of _____year.

Signature of deponent

Name :

Note :

As per the directions of Hon'ble Supreme Court of India Order No. SLP(C) No. 24295/2004 and SLP No. 143656/2005, WP (C) No. 173/2006 and SLP(C) No. 24296-24299/2004 all the students are hereby informed the following.

"If any incidents of ragging comes to the notice of the authority, the concerned students shall be given liberty to explain and if his explanation is not found satisfactory the authority would expel him from the institution."

All the students should note the above directives from the Supreme Court.

Registrar

(Bharati Vidyapeeth Deemed University)

VERIFICATION

Verified that contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at _____this _____day of

_____month of _____year.

Signature of deponent

Solemnly affirmed and signed in my presence on this _____day of

_____month of _____year after reading the contents of this affidavit.

OATH COMMISSIONER
(Notary Public)

Note : To be typed in double space on Non Judicial Stamp Paper of Rs. 100/-

BHARATI VIDYAPEETH DEEMED UNIVERSITY, PUNE
AFFIDAVIT BY PARENT/GUARDIAN

1. I, Mr./Mrs./Ms. _____

   father/mother/guardian of, _____seeking admission to

   _____,

   Bharati Vidyapeeth Deemed University, Pune am aware about the Rules & Regulations relating to curbing Menace of Ragging in Higher Educational Institutions - 2009.

2. I am aware as to what constitutes ragging.

3. I am fully aware of the penal and administrative action that is liable to be taken against my ward in case he/she is found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.

4. I hereby solemnly aver and undertake that

   a. My ward will not indulge in any behaviour or act that may be constituted as ragging under clause 3 of the Regulations.

   b. In or abet or propagate through any act of commission or omission that may be constituted as ragging under c1a 3 of the Regulations.

5. I hereby affirm that, if found guilty of ragging, my ward is liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against my ward under any penal law or any law for the time being in force.

6. I hereby declare that my ward has not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, the admission of my ward is liable to be cancelled.

Declared this _____day of _____month of _____year.

Signature of deponent

Name:

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at _____ this _____ day of

_____ month of _____ year.

Signature of deponent

Solemnly affirmed and signed in my presence on this _____ day of

_____ month of _____ year after reading the contents of

this affidavit.

OATH COMMISSIONER
(Notary Public)

Note : To be typed in double space on Non Judicial Stamp Paper of Rs. 100/-

Annexure – II

AFFIDAVIT FORMAT

I, ... son/daughter of ..... hereby solemnly affirm that the following statements made by me are true to the best of my knowledge and belief,

A) I am a citizen of India

B) I have completed 17 years of age/will be completing 17 years of age on .....

C) I have studied in class 12th in India and have passed a qualifying examination in the subjects of Physics, Chemistry and Biology individually and have obtained 50% (40% since I belong to SC / ST category) marks together in those subjects and I have also Passed in the subject of English.

D) I have studied and understood the rules governing counselling, admission procedure, fee structure and agree to abide by these rules.

E) If admitted to any of the Institutions of the Bharati Vidyapeeth Deemed University, I will abide by all its rules and regulations, especially those regarding discipline, attendance, examinations and payment of fees. I understand that failure to comply with the rules and regulations will invite an appropriate disciplinary action from the institutional authorities.

F) I will not involve myself in any action of ragging during the course of my education in this University. I understand that involvement in ragging is a cognisible offence and it will result in police action and would result into cancellation of my admission to the course.

Name of the candidate :

Date :

Place : Signature of the candidate

I, ... the father/mother/guardian of ..... an applicant for admission to course at Bharati Vidyapeeth Deemed University, hereby solemnly affirm that all the above statements made by son/daughter/ward are true to the best of my knowledge and belief. I have read all the rules governing the process of entrance test, counselling, admission and fee structure of CET 2014 and agree with them and will abide by the rules. I will be responsible for the payment of his/her fees on time and for his/her conduct.

Name of the parent/guardian

Relationship to candidate Date

:

Address with Phone No. : Signature of the parent/guardian

Annexure – III

AUTHORISATION FOR REPRESENTATIVE

I, ..., son /daughter of

....., being unable to attend the counselling sessio for admission to the M.B.B.S. / B.D.S. / B.H.M.S. / B.A.M.S. course in Bharati Vidyapeeth Deemed University Colleges, on ..... hereby authorise ..... son/daughter of .....

whose photograph is affixed below and who will sign as shown below, to represent me at the counselling and on-the-spot-admission. I hereby declare that the choice of course made by this authorised representative will be irrevocable and that it will be final and binding on me. This authorised representative will present all the necessary documents, pay the appropriate fees and complete all the necessary formalities on my behalf.

Name of the candidate

(IN CAPITCAL LETTERS)

Roll No.:

Place:

Date:

Reason for absence:

Signature of the candidate's Parent/Guardian

Signature of the Candidate

A recent passport size photograph of the representative should be affixed here.

Specimen signature of the Representative

A recent passport size photograph of the representative should be affixed here.

Annexure - IV

Medical Fitness

A candidate must be medically fit to undergo the professional course applied for. The medical fitness must be certified by a Registered Medical Practitioner in the prescribed Performa, as given below on a Letterhead:

Certificate of medical fitness

This is to certify that I have conducted clinical examination of

Mr./Ms.

.....

who is desirous of admission to Health Sciences courses.

He/She has not given any personal history of any disease incapacitating him/her to undergo the professional course. also, on clinical examination it has been found that he/she is medically fit to undergo the professional course.

Certified further, that he/she has not shown any evidence of major defects of posture, locomotion, vision, hearing or any other systemic disorder.

Though, following deviations have been revealed, in my opinion, these are not impediments to pursue a career as a Medical / Dental / Ayurved / Homoeopathic (Strike, which is not applicable) doctor.

1.
2.....
3. .....

Address of the Registered Medical Practitioner Signature :

Name : Registration No. :

Seal of Registered Medical Practitioner

Date : / / 20

CET - 2014
CALENDAR OF EVENTS

A) Last date for submitting the completed application form to Bharati Vidyapeeth Deemed University, C.E.T. Dept., Second Floor, Bharati Vidyapeeth Bhavan, L.B.S. Marg, Pune-30 : 2nd May 2014 upto 17.00 hrs.

B) Dispatch of admission cards : On receipt and scrutinisation of application form

C) Issue of duplicate admission cards to those candidates, who have not received the same till 9th May 2014 : 10th May 2014 onwards at respective centers.

D) Date and time of Common Entrance Test : 11th May 2014 1100 hrs. to 1400 hrs.

E) Places where the Test will be held : Pune, New Delhi, Navi Mumbai, Hyderabad, Vadodara, Indore, Bangalore, Lucknow, Jaipur, Chandigarh, Allahabad, Varanasi, Cochin

F) Declaration of results : 16th June 2014

G) Counselling schedule : **Please see elsewhere in this brochure**

H) Colleges to open : 15th July 2014

Note :

Admission form along with Demand Draft of Rs. 2,200/- payable at Pune drawn on any Nationalised Bank or Bharati Sahakari Bank, in favour of Registrar, Bharati Vidyapeeth Deemed University, Pune duly filled in sent by post or submitted in person must reach the Admission office of the BHARATI VIDYAPEETH DEEMED UNIVERSITY, PUNE on or before 2nd May 2014 by 17.00 hrs.

Applicant should ensure that :

1. He/She has signed the application form at the places specified for the purpose.
2. The application form is duly signed by his/her father/guardian.
3. The recent passport size photographs duly attested by the head of school or a gazetted officer have been pasted in the spaces earmarked for that purpose.
4. Counselling letters will be sent to candidate in the merit list declared by the University. Who fail to receive counselling letter for whatever reason, must attend to counselling as per their merit list number and the schedule given above after confirmation of the result either on website or on the notice board of the college. Such candidate must bring with them some proof of identity and Proof of appearing to CET-2014 for permission to attend the counselling.

BHARATI VIDYAPEETH DEEMED
UNIVERSITY, PUNE (INDIA)
Bharati Vidyapeeth Bhavan, Lal Bahadur Shastri Marg, Pune - 411 030.
Phone No. : 020-24325510, 24325509 ● Fax No. : 020-24329675
Website : www.bvuniversity.edu.in