



BHARATI VIDYAPEETH

(Deemed to be University)

Pune, India.

- Accredited with 'A+' Grade (2017) by NAAC
- 'A' Grade University Status by MHRD, Govt. of India
- Accredited (2004) & Reaccredited (2011) with 'A' Grade by NAAC
- Category-I (Deemed to be University Grade) by University Grants Commission
- Recognized under Section '12 B' of UGC Act (1956) by University Grants Commission
- Ranked 63rd among Top 100 Universities by NIRF 2020, MHRD Govt. of India



INFORMATION BROCHURE OF ENTRANCE TEST

B. Tech, B. Pharm/Pharm D., ABON-2021

FOR ADMISSION TO THE UNDER GRADUATE DEGREE COURSES

**B.Pharm. and
Pharm.D. (Self Financed Courses)**

At

Bharati Vidyapeeth (Deemed to be University)

Poona College of Pharmacy, Pune

Reaccredited by NBA

Important Dates B.Tech, B.Pharm/Pharm D. ABON - 2021

A)

Entrance Test	Last Date of Online Application	Date of Online Entrance Test	Date of Declaration of Merit list
B.Tech, B.Pharm/Pharm D. ABON (Multi-date computer centre / home based online entrance test)	18th July 2021 2nd August 2021	28th July 2021 11th August 2021	Will be Notified at www.bvuniversity.edu.in

B) Counselling & on the spot admissions

Date & Time	Candidates called for Counselling	Time
Will be Notified	Regular Merit Nos. 1 to 100	Will be Notified
Will be Notified	Foreign/NRI/PIO/OCI/Institutional Quota	Will be Notified
Will be Notified	Regular Merit Nos. 101 Onwards	Will be Notified

OUR INSTITUTE (For information)

Pune

Bharati Vidyapeeth (Deemed to be University)

Poona College of Pharmacy,

Paud Road, Erandwane,

Pune-411 038,

020-25461046

C) Commencement of Classes

Will be Notified



Hon'ble Dr. Patangrao Kadam

Founder : Bharati Vidyapeeth (1964)

FOUNDER - CHANCELLOR: Bharati Vidyapeeth (Deemed to be University), Pune (India)

: Vision of the University :
To be a world class University for Social Transformation through Dynamic Education



Hon'ble Dr. Shivajirao Kadam
Chancellor,
Bharati Vidyapeeth
(Deemed to be University), Pune



Hon'ble Dr. Vishwajeet Kadam
Secretary,
Bharati Vidyapeeth
Pro Vice Chancellor,
Bharati Vidyapeeth
(Deemed to be University), Pune



Hon'ble Dr. Manikrao Salunkhe
Vice Chancellor,
Bharati Vidyapeeth
(Deemed to be University), Pune



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Bharati Vidyapeeth University
(Deemed to be University u/s 3 of the UGC Act, 1956)
Sadashiv Peth, Pune, Maharashtra as
Accredited
with CGPA of 3.53 on seven point scale
at A⁺ grade
valid up to March 27, 2024*

Date : March 28, 2017



DP Singh
Director

EC(SC)/23/A&A/36.3

National Institutional Ranking Framework- 2020
Ministry of Human Resource Development
Government of India



Maintaining its tradition in academic excellence, in the fifth consecutive year, Bharati Vidyapeeth (Deemed to be University), Pune and its constituent units have the reason to be proud for getting recognized and ranked among leading Universities and Institutes in India. Bharati Vidyapeeth is probably the only educational organization in the country to have 4 institutes having high NIRF ranking.

Poona College of Pharmacy, Pune
ranked 22nd at the national level
under Pharmacy category

Institute of Management and
Entrepreneurship Development (IMED),
Pune ranked 63rd at the national level
under Management category

Rajiv Gandhi Institute of IT and
Biotechnology, Pune, ranked 42nd at the
national level under College category

College of Engineering, Pune, ranked
99th at the national level under
Engineering category

University Achievements:

Accredited with 'A+' Grade (2017) by NAAC

'A' Grade University Status by MHRD, Govt. of India

Accredited (2004) & Reaccredited (2011) with 'A' Grade by NAAC

Category-I (Deemed to be University Grade) by University Grants Commission

Recognized under Section '12 B' of UGC Act (1956) by University Grants Commission

Ranked 63rd among Top 100 Universities by NIRF 2020, MHRD Govt. of India

Other Achievements of the University:



NBA

• College of Engineering has been accredited with National Board of Accreditation for its 5 PG courses.



NABH

• Bharati Hospital and Research Centre of Medical College has undergone assessments for full NABH accreditation.



NABL

• Hospital Laboratories in Pathology, Microbiology and Biochemistry have been accredited with NABL.



NABH & FDA Approval

• NABH accreditation and FDA approval for Hospital Blood Bank, Safe-I accreditation of the NABH for Infectious diseases was also received.

BHARATI VIDYAPEETH

Bharati Vidyapeeth, the parent body of Bharati Vidyapeeth (Deemed to be University) was established on 10th May 1964, by distinguished educationist Hon'ble Dr. Patangraoji Kadam, with a mission of promoting "Social Transformation Through Dynamic Education". Since its establishment, it has maintained the highest standards and has proliferated innovative practices in the education sector.

In the year 2013-14, Bharati Vidyapeeth celebrated the glorious Golden Jubilee year of imparting education and inculcating moral values among the youth. During the last 5 decades, Bharati Vidyapeeth has made astonishing strides in the field of education. Today it is one of the largest educational organizations in the country that imparts education right from the pre primary to the doctoral level. The spectrum of Bharati Vidyapeeth institutions of higher education spans all professional disciplines which include the colleges of Medicine, Dentistry, Nursing, Audiology, Optometry, Ayurved, Homeopathy, Engineering, Architecture, Management, Law, Pharmacy, Hotel Management and Catering Technology, Environment Education, Physical Education, Health Management, Biotechnology etc.



Research too is given a high priority in the university. To promote research activities and to create a research culture on its campuses, Bharati Vidyapeeth has established three self-financed specialized research institutes in the areas of Health Related Sciences, Pharmaceutical Science, and Social Sciences.

The colleges are affiliated to various universities including Bharati Vidyapeeth (Deemed to be University), University of Pune, University of Mumbai, Shivaji University Kolhapur and Indraprastha University, Delhi.

With an objective of making educational opportunities available to the deprived sections of the country, Bharati Vidyapeeth has established a large number of educational institutions in the rural areas. Bharati Vidyapeeth with a very moderate beginning in a short span of time has grown leaps and bounds having its major campuses in New Delhi, Navi Mumbai, Pune, Solapur, Kolhapur, Sangli, Karad, Satara and Panchgani.

Bharati Vidyapeeth (Deemed to be University) Pune

Bharati Vidyapeeth (Deemed to be University) came into existence in April, 1996, when the Ministry of Human Resource Development, Government of India, on the recommendations of UGC conferred the status of University on a cluster of 12 institutions of Bharati Vidyapeeth. In appreciation of the academic excellence achieved by the institutions through a committee of experts. Subsequent to that, the Government of India, vide its various notifications brought several other institutions of Bharati Vidyapeeth under the ambit of this University. As on today the University is having 29 constituent units conducting programmes in 12 different disciplines. Bharati Vidyapeeth (Deemed to be University) is one of the largest multi- faculty, multi-campus Deemed to be University in the country which has created a very laudable track record of academic achievements since its inception.

It offers a variety of programmes in 12 faculties namely:

1. Faculty of Medical Sciences
2. Faculty of Dentistry
3. Faculty of Ayurved
4. Faculty of Homoeopathy
5. Faculty of Nursing
6. Faculty of Engineering and Technology
7. Faculty of Pharmaceutical Sciences
8. Faculty of Management Studies
9. Faculty of Arts, Social Sciences and Commerce
10. Faculty of Sciences
11. Faculty of Law
12. Faculty of Interdisciplinary Studies

The twenty nine constituent institutions of the University are located in eight different campuses; two in Pune, and one each in New Delhi, Navi Mumbai, Kolhapur, Solapur, Sangli and Karad.

The UGC has also recognized this University u/s12(B) of UGC Act 1956. This University is a Member of Association of Indian Universities and has been a Member of Association of Commonwealth Universities.





The University is academically and intellectually very productive. Its faculty members have a very remarkable track record of research publications and patents. It has digitalized the libraries in its constituent units and has been making an extensive use of modern Information and Communication Technology in teaching, learning, research and also administration. The University attracts students from all over India and around 35 countries due to its academic reputation.

Distinctive Features of Bharati Vidyapeeth (Deemed to be University)

- Accredited with 'A+' Grade by NAAC in 2017 for seven years.
- 'A' Grade University status by MHRD, Govt. of India
- Category-I (Deemed to be University Grade) by University Grants Commission
- Recognised under Section '12 B' of UGC Act (1956) by University Grants Commission
- Ranked 63rd among top 100 Universities by NIRF 2020, MHRD, Govt. of India
- The University offers 250+ programmes under 12 faculties.
- High quality of all-around education has attracted many students from all over India and 35 countries to pursue their studies. Presently there are 23000+ students enrolled into various programmes offered by the University.
- Behind the reputation of the University are the solid credentials of accomplished and experienced 1700 + faculty members, imparting quality education.
- Excellent placements record for its students across faculties and has known industry endorsements.
- Strong alumni network spread across the globe.
- Programmes are designed to enhance employability of students with focus on collaborative and experiential learning pedagogy.
- Entrepreneurship cell has been established to develop entrepreneurial skill and incubate innovative business ideas.
- University constantly encourages and facilitates its faculties to be actively engaged in academic research and publications besides their teaching assignments by establishing collaborative and interdisciplinary research links with industries and institutions around the world.
- All professional programmes are approved by respective Statutory Councils.
- As part of dissemination of knowledge, University organizes International and National Conferences, Seminars, Workshops etc., in recent and upcoming themes.
- Knowledge Resource Centre (Libraries) has an excellent collection of books, print journals, e-journals, and magazines etc. which are regularly being expanded by adding latest publications.
- Augmented infrastructural facilities including smart classrooms, tools for blended learning, laboratories equipped with latest technologies, free accessibility to Wi-Fi, lush green campuses, adequate recreational facilities, on campus residential accommodation etc.
- University is committed to engage for the welfare of the society through various schemes of outreach Programmes and Field work.

Digital Initiatives at BVDU:

University's Information and Communication Technology Centre always acts proactively to meet the dynamic requirements of the University and its constituent units. Its contribution encompasses all spheres of the University – academics, research, administration and governance.

Some of these ICT Services are listed as bellow:



Skill Development Initiatives at BVDU:

पूना कॉलेज ऑफ फार्मसीतर्फे 'स्किल्ड पीसीपी' केंद्राची स्थापना

प्रभात वृत्तसेवा

पुणे, दि. ३ - नवीनपूर्वक कल्पना आणि उपयोगकता विकाससाठी पूना कॉलेज ऑफ फार्मसीतर्फे 'स्किल्ड पीसीपी' केंद्राची स्थापना केली आहे. हे केंद्र स्थानेमागचा उद्देश आरोग्यविषयी स्टोरेजसमा मार्गदर्शन व चालना देऊन, त्यांचे व्यावसायिक करून सामाजिक हित साध्य करणे असा आहे.

वनकर सह्या सेवांचे अध्यक्ष प्रा. उमेश वनकर यांच्या हस्ते या इनफार्मेशन इनोवेशन सेंटरचे उद्घाटन झाले. बौद्धिक संपदा निर्माण करण्यावर भर द्यावा, प्रत्येकवेळी पेटंटचे रुपांतर कमर्शियल होईल, असा विचार करणे हा बौद्धिक संपदा निर्माण करण्याचा सर्वात मोठा अडथळा



आहे, असे प्रा. वनकर यांनी म्हटले. याप्रसंगी बीव्हीजी लाईफ सायन्सेस व पूना कॉलेज ऑफ फार्मसी यांच्यामध्ये न्यूट्रस्यूटिकल औषध निर्मितीबाबतचा सल्लोकार करार झाला. या कार्यक्रमासाठी प्रभारी प्राचार्य डॉ. आत्माराम पवार, उपप्राचार्य डॉ. वर्षा पोखरकर उपस्थित होते. भारती विद्यापीठ अधिपति

विश्वविद्यालयाचे कुलपती डॉ. शिवाजीराव कदम, प्र. कुलपुरुष व कार्यवाह डॉ. विश्वजीत कदम, कुलपुरु डॉ. भाणिकराव साठुंखे व पूना कॉलेज ऑफ फार्मसीचे माजी प्राचार्य डॉ. के. आर. महाडिक यांचे मार्गदर्शन लाभले. कार्यक्रमाचे आयोजन डॉ. सी. सोश्वाराजा आणि डॉ. विविधा भापते यांनी केले.



BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY)
POONA COLLEGE OF PHARMACY, PUNE
Skill Knowledge incubate innovate Learning & Development Center








Bharati Vidyapeeth (Deemed to be University)
 Poona College of Pharmacy
 Reaccredited with "A+" Grade by NAAC & NBA
 INSTITUTION'S INNOVATION COUNCIL
 Ministry of Education



Congratulations!!!



SIH 2020 (Hardware Category)
Winners
 For Innovation
**COST EFFECTIVE MECHANISM TO TREAT WASTE
 WATER IN SMALL VILLAGES**

VSI9 Swachh Bharat Govt of Andhra Pradesh **WINNER**



Dr. C. Bothiraja
PROFESSOR
(Team Mentor)



Ankit Pramanich
(Team Leader)



Maitri Kumari
(Team Member)



Joshi Samrudhi
(Team Member)



Gritika Kanolija
(Team Member)



Ryan Varghese
(Team Member)



Anant Phatake
(Team Member)

FROM

DR. ATMARAM PAWAR
(I/C PRINCIPAL)

DR. VARSHA POKHARKAR
(VICE PRINCIPAL)

DR. JANHAVI RAO
(VICE PRINCIPAL)

IIC, MIC, PCP AND BV(DU) FAMILY

Constituent Units of Bharati Vidyapeeth (Deemed to be University)

Health Sciences:

1. Faculty of Medical Sciences

- Medical College, Pune
School of Audiology and Speech Language Pathology, Pune
School of Optometry, Pune
- Medical College and Hospital, Sangli
School of Optometry, Sangli

2. Faculty of Dentistry

- Dental College and Hospital, Pune
- Dental College and Hospital, Sangli
- Dental College and Hospital, Navi Mumbai

3. Faculty of Ayurved

- College of Ayurved, Pune

4. Faculty of Homoeopathy

- Homoeopathic Medical College, Pune

5. Faculty of Nursing

- College of Nursing, Pune
- College of Nursing, Sangli
- College of Nursing, Navi Mumbai

Engineering & Technology

6. Faculty of Engineering and Technology

- College of Engineering, Pune
- College of Architecture, Pune

7. Faculty of Pharmaceutical Sciences

- Poona College of Pharmacy, Pune

Management

8. Faculty of Management Studies

- Institute of Management and Entrepreneurship Development, Pune
- Institute of Management and Research (BVIMR), Delhi

- Institute of Management, Kolhapur
- Institute of Management and Rural Development Administration, Sangli
- Yashwantrao Mohite Institute of Management, Karad
- Abhijit Kadam Institute of Management and Social Sciences, Solapur
- Institute of Hotel Management and Catering Technology, Pune

Social Sciences and Humanities

9. Faculty of Arts, Social Sciences and Commerce

- Yashwantrao Mohite College of Arts, Science and Commerce, Pune
School of Performing Arts, Pune
- Social Sciences Centre, Pune
- College of Physical Education, Pune

10. Faculty of Sciences

- Rajiv Gandhi Institute of Information Technology and Biotechnology, Pune
- Institute of Environment Education and Research, Pune

11. Faculty of Law

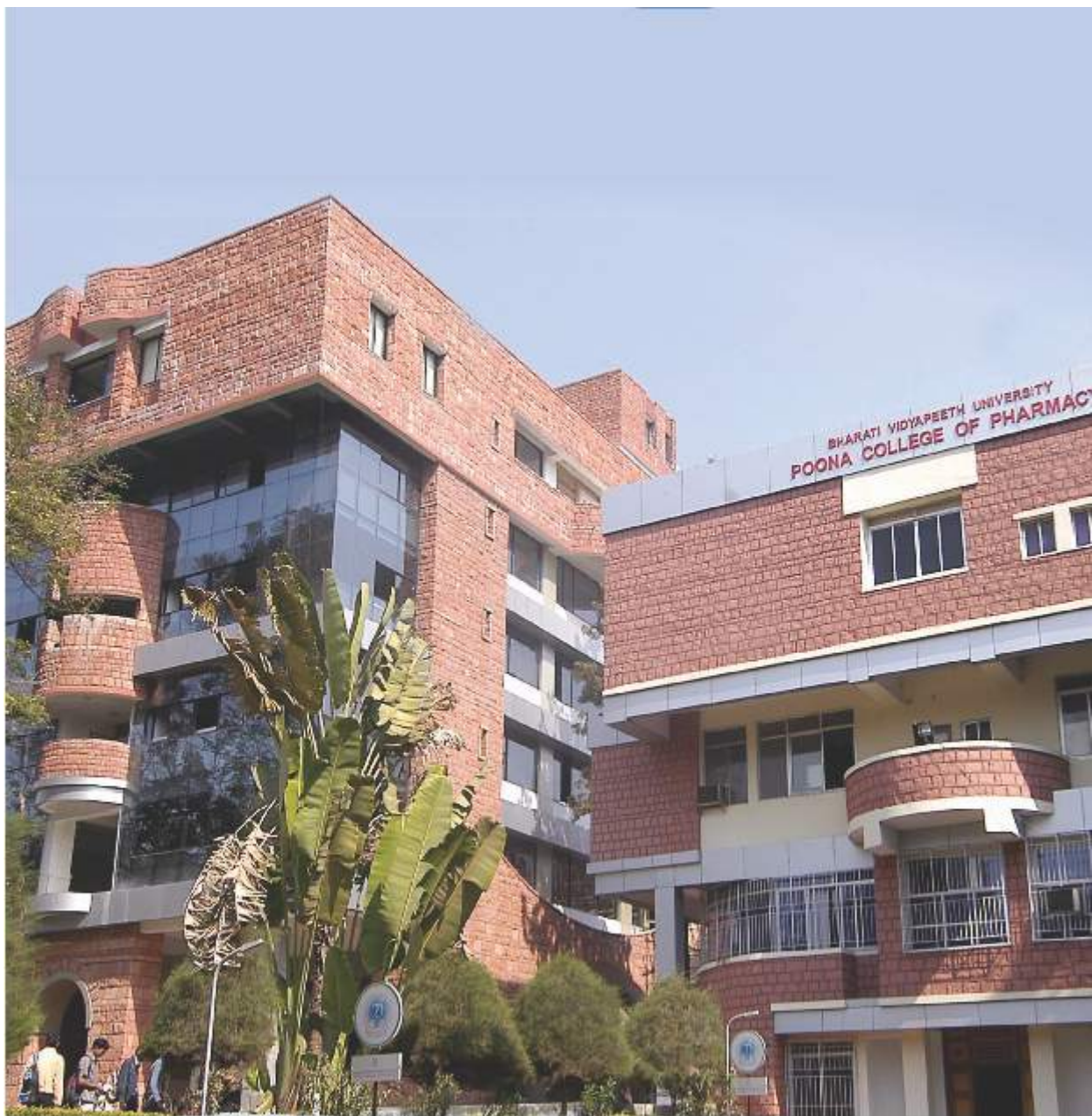
- New Law College, Pune
Bharati Vidyapeeth Department of Law, New Delhi

Faculty of Interdisciplinary Studies

12. Research Institutes:

- Interactive Research School for Health Affairs, Pune
- Yashwantrao Chavan Institute of Social Sciences Studies & Research, Pune
- Research and Development Centre in Pharmaceutical Sciences and Applied Chemistry

Poona College of Pharmacy



Poona college of Pharmacy is the first Degree College of Pharmacy in the Pune region established in 1981 and It is grant-in aid institute of Government of Maharashtra State. Dr. Pantagrao Kadam, Founder of Bharati Vidyapeeth (Deemed to be University), in view of providing quality education and research in field of Pharmacy took lead to establish this college. Under the dynamic leadership of Chancellor Prof. Shivajirao Kadam, and Former Principal, Dr. K. R. Mahadik, the college has developed as one of the centers for academic excellence in Pharmacy.

Poona College of Pharmacy was earlier permanently affiliated to University of Pune. In recognition of high level of academic excellence of college and its potential for further growth it is brought under the umbrella of Bharati Vidyapeeth (Deemed to be University) from academic year 2000. Since 1985-86, the college provides Post Graduate education (M. Pharm.) in seven branches viz. Pharmaceutics, Pharmaceutical Chemistry, Pharmacology, Pharmacognosy, Pharmaceutical Biotechnology, Quality Assurance Techniques and Drug Regulatory Affairs. It is the first institute in Maharashtra State approved by PCI in 2009 to provide education in Doctor of Pharmacy (Pharm.D.), a Post Graduate Programme in Pharmacy Practice ; it is also first to start B.Pharm Practice from 2019, qualification and skill upgradation programme for D. Pharm qualified Pharmacists. The college is also recognized center for Doctoral research all these branches.

The College has been granted approval by the All India Council for Technical Education, New Delhi, which is the apex body controlling technical and professional education in the country. The College has also been recognized by the University Grants Commission under Sections 2(f) and 12 (B) of its Act. The College and its degrees are also approved by the Pharmacy Council of India, New Delhi. Recognition by all the three apex bodies bear a testimony to a very high level of academic excellence the college has achieved.

At national level the college has been ranked 22nd position by NIRF, 2020, Government of India. Our college is probably the only college in the country to have been reaccredited from both NBA and NAAC for Third Cycle and has got the coveted "A+" Grade. UGC has awarded Category University Status to Bharati Vidyapeeth (Deemed to be University) The college is also an ISO-9001-2015 certified institute. The UGC in recognition of our expert faculty, research achievements, high level of academic excellence and rich infrastructure has inducted us in the Departmental Research Scheme (DRS) of the Special Assistance Programme (SAP) of UGC. AICTE has granted us the status of Quality Improvement Cell (Q.I.P) for teaching fraternity to register themselves for M.Pharm. and Ph.D. programmes. In addition we have been receiving grants from all the major funding agencies like AICTE, UGC, DST, DBT, DRDO etc.



LABORATORIES



The College houses spaciouly laid out, highly equipped and properly maintained laboratories for different branches of Pharmacy viz. Pharmaceutics, Pharmaceutical and Medicinal Chemistry, Pharmaceutical Analysis, Pharmacology, Pharmacognosy and Natural Products, Quality Assurance, Microbiology, Computer Education, Industrial Pharmacy, Tissue Culture, Computer Aided Drug Design and Polymer Research. We have provided separate laboratories for the M.Pharm students of all the branches and separate Clinical Pharmacy department for Pharm.D. studies is also provided with state of art facilities for clinical research, pharmacovigilance and for patient counseling. Drug and Poison information center run by the department is unique facility in this part of country to provide authentic and unbiased information on drug related issues. All these laboratories have the necessary and latest instruments and equipments. The undergraduate students have been provided with separate laboratories which are also equipped with all the required instruments.

Our laboratories are equipped as comparable to the level of international standards and norms Separate analytical instrument rooms have been provided which house sophisticated and ultramodern instruments like UPLC Ultraviolet Spectrophotometer, Fourier Transform Infra Red Spectrophotometer, Atomic Absorption Spectrometer, Gas Chromatograph, High Performance Liquid Chromatograph, SFC, TGA, pcr, Cryocentrifuge, High Performance Thin Layer Chromatograph, Differential Scanning Calorimeter, LC-MS/MS, GC MS/MS, ICP MS, Spectrofluorimeter, Zeta Sizer etc. Dissolution Test Apparatus, Extruder-Spheronizer, Fluidized bed Processor, Tablet Coater, Electrospinning, Microfluidizer, Ultrasonicator, Polarising Microscope, Homogenizer, stereomicroscope, Particle size analyser, Fermentor, CO₂ incubators, Rheometer are available in the Pharmaceutics research laboratory. Pharmacology research laboratory has instruments like Langendorff apparatus, Plethysmometer, Analgesiometer, Polygraph while Pharmacognosy research laboratory has facilities for plant tissue culture, sohxlet extractors, etc. Rarely one would find such an updated and sophisticated equipments elsewhere in any other Pharmacy College. We at this college always believe that our students must get wider exposure to the Pharmaceutical industries. Keeping this in view, we have established pilot scale drug manufacturing facility, FDA approved public testing laboratory and APEDA, NABL certified food testing laboratory. This gives an opportunity to our students to have practical industrial experience. All these facilities have been created for the use of undergraduate as well post-graduate students, research scholars and the faculty members.

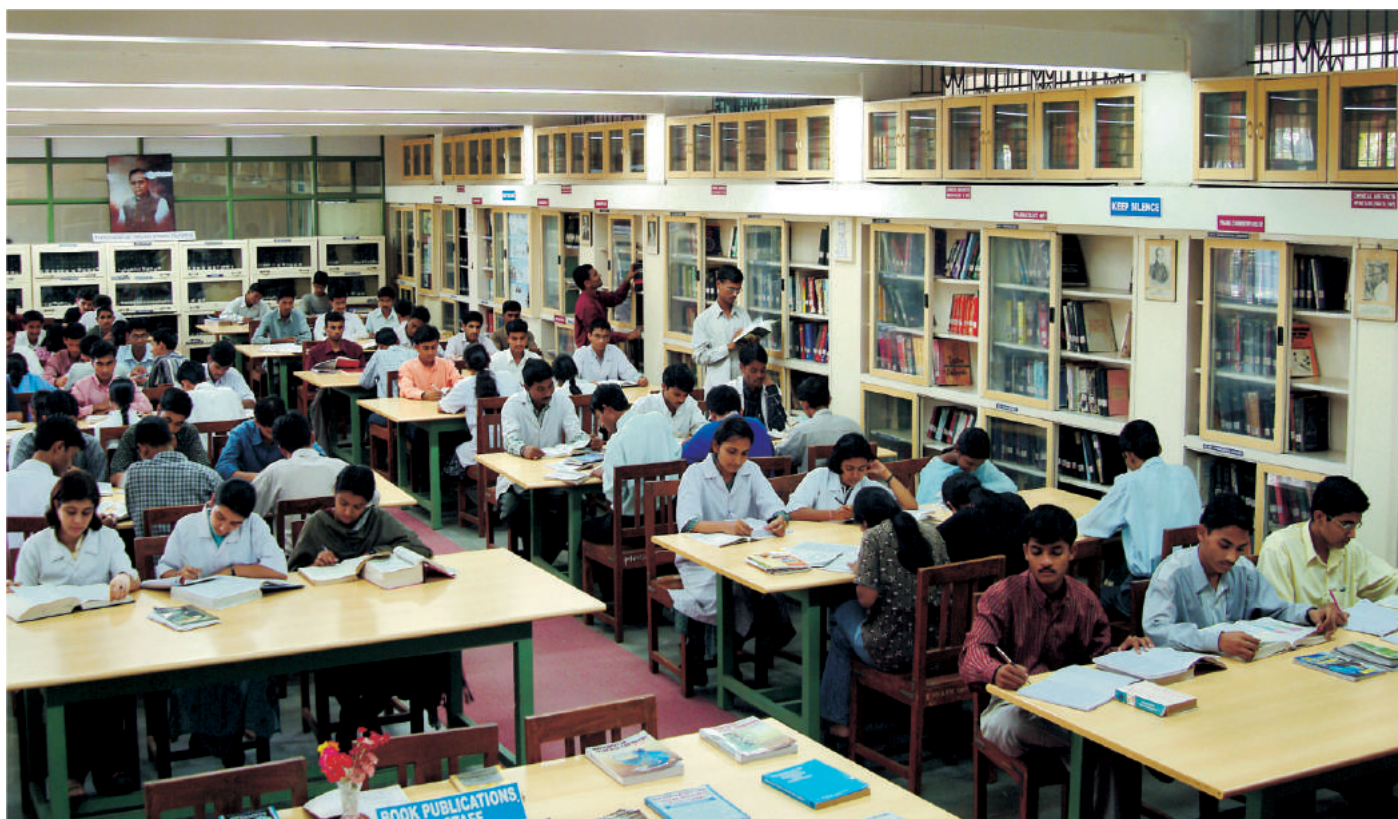


LIBRARY

Library facilities are the heart of any educational institution. The college library has been recently renovated and has now a beautifully illuminated, well ventilated and furnished reading hall. This rich and up-dated library possesses a large number of books, and back issues of national and international journals of repute, including Chemical Abstracts. The library is updated every year and newer journals, books and abstracts are added to it. This helps the faculty members and students to keep themselves abreast of recent developments in the pharmaceutical sciences.

The library is kept open for the students from morning till late in the evening. The students have open access to the books. Book Bank facility is also available for the students of scheduled castes, scheduled tribes and also for the economically backward students. Faculty members from other Pharmacy Colleges often visit our library for referring to Pharmaceutical literature. Quite a few Pharmaceutical industries in and around Pune also take the advantage of our library.

Recently we have computerized our Library whereby we connected our library with the libraries of other institutions in our Erandwane campus. They can be now accessed from our college. This kind of networking is only of its kind in this region and will open the flood gates of information and knowledge to our students. Our library is also digitalised and our students have access to numerous reference books and more than 13,000 journals on line.



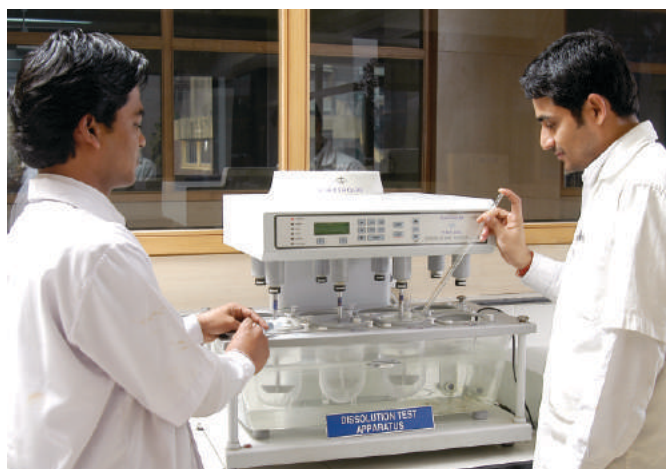
RESEARCH ACTIVITIES

The significance for research for the development of any science can not be overemphasized. This is more true about the Pharmaceutical Sciences. There is an increasing need to invent more and more new medicines to counter the new diseases. The College gives encouragement in all the ways to the faculty and to the students in their research activities in different areas of Pharmaceutical Sciences. The College provides state of the art equipment and other facilities to the students and to the faculty with a view to encourage their research and developmental activities. The Principal and the faculty members of this College have been successful in getting large amounts of grants for their different research projects from different funding agencies including All India Council for Technical Education, University Grants Commission DRDO, DST and the like.

The different areas in which research work is undertaken in this College are : Nanomedicines, vesicular drug delivery systems, polymeric micelles, dry powder inhalations, nasal drug delivery systems, development of biodegradable polymers, floating tablets, formulation development etc in the department of Pharmaceutics; Simultaneous estimation of multicomponent formulations by GC., HPLC, HPTLC, SFC, UV-VIS spectrophotometer; Synthesis and biological activity of Cyclodextrin esters and Amino acid conjugates a Prodrug approach, Synthesis and Pharmacological activity of some Phenothiazines etc. in Pharmaceutical Chemistry ; Screening of CNS depressants, Skeletal Muscle Relaxants, Haematinic, Toxicity studies etc. in Pharmacology ; Isolation and Identification of active principles from medicinal plants, Development of anti AIDS formulation, Herbal drug standardisation, Wound healing formulation, Plant tissue culture techniques, Isolation and studies on Gums of natural origin etc. in Pharmacognosy, Validations of instruments, equipments and tablet, granulation, mixing, coating machinery etc. in Quality Assurance Techniques. The research undertaken under Pharm.D. programmes covers varied subjects like pharmacovigilance, pharmacoeconomics, rational drug use and community pharmacy.

The students and faculty members regularly publish research papers in the journals of national and international repute. This has been evidenced by the number of publications they have got to their credit. They have published so far about 247 research papers in national and over 1047 in international journals. Faculty members of the institute has authored more than 52 books and 24 chapters related to Pharmacy Curriculum. They also participate in national and international conferences and present their research papers.

The interest of our faculty in research is evident also from the fact that 42 staff members are already holding Doctorate degrees, while the remaining are doing their research work for Ph.D. 159 of our students have already been awarded the degree of Ph.D. and 60 research scholars have registered themselves for Ph.D. with us.



Our research interests are further evidenced by the fact that we have upto now organized several regional and national level workshops and seminars on recent developments in Pharmaceutical Sciences. We invited speakers from industries, as well as, from other universities and colleges to deliberate in the proceedings.

The faculty members have 54 patents to their credit on particle engineering, novel drug delivery system, anti-aids formulation, process development, polymer development etc.

The college has been sanctioned a special grant by UGC under its Special Assistance Programme (SAP) taking into consideration research potential of our faculty. Three faculty members of the institute are listed in 2% top Scientist globally by Stanford University.

QUALITY IMPROVEMENT PROGRAMME (QIP) AND CONTINUING EDUCATION PROGRAMME (CEP)

In recognition of ultra modern infrastructural facilities and instruments & expert faculty, our College has been approved as a centre under the Quality Improvement Programme (QIP) of AICTE, New Delhi and CEP Sponsored by PCI. It is gratifying to mention that it is the only QIP Cell in Maharashtra. Under this scheme faculty members from other institution can pursue higher studies to acquire M.Pharm & Ph.D. Degrees. It is also a center for AICTE Doctoral Fellowship (ADF).

CONTRIBUTION IN AREA OF PHARMACY PRACTICE:

Our institute is the pioneer institute recognized by Pharmacy Council of India to offer the Doctor on Pharmacy and B. Pharm Practice Programmes in Maharashtra State. We have ultramodern pharmaceutical facilities as well as multi-specialty Bharati Hospital to provide quality education in patient care. The Department of Doctor of Pharmacy Programme is uniquely designed interactive centre for medical and paramedical professionals and easily accessible for patients of Bharati Hospital and from outside. Drug Information Centre of the department is enriched with e-drug information databases, foreign reference catalogues and handbooks. During the course of studies our students of Post Baccalaureate course have worked upon many case studies and working hand-in hand with physicians for betterment of patient.

The outcome of the Pharm D Education has led to contribution in the sectors like clinical Research, Regulatory affairs, Pharmacovigilance, Clinical Pharmacists in hospitals, Advance Research and academia.

College recognized the need and importance of patient-oriented pharmacy practice, for which college has extended its services to fulfill the needs of professionals as well as patients. Faculty members of this college have authored many books and published about 130 research papers in Journals of international repute. The department also publishes quarterly bulletin "PharmaWiz". Through Drug and poison information center. We provide authentic information to medical and paramedical, professionals and also patients. With the support of Maharashtra State Pharmacy Council, college has been organizing continuous education programmes for community and hospital pharmacists. With the aim of benefit to the society and uplifting image of the profession, our college regularly publishes various popular articles in the newspapers and addresses the patient related concerns at public platforms.



INDUSTRY ACADEMIC INTERACTION

Pharmacy Colleges should have sustained interactions with Pharmaceutical industries because the Pharmaceutical Sciences are essentially application oriented. So there is always a need for bringing academic institutions imparting education in Pharmacy and Pharmaceutical industries together. Our college laboratories are used by the Pharma industries in the region as Testing Laboratories. More over since 1986-87, the College has been conducting Pharmacy Cup Cricket Tournament for mens & womens as an annual feature in which several Pharmaceutical Industrial units and Pharmacy Colleges participate. This kind of interaction generates a strong feeling of togetherness amongst the industries and the Pharmacy Colleges.

INDUSTRY INSTITUTE PARTNERSHIP CELL (IIPC)

AICTE has established an industry-institute partnership cell in the college, which works as a liaison center between industry and various departments of the institute for activities, which are mutually beneficial.

IIPC has come out with a software package PCP Disso V3i for model fitting and analysis of dissolution data. IIPC of our institute has been awarded excellent grade for 2002-2003, by AICTE, New Delhi.



PLACEMENT

The placement track record of our college is exceptionally good. A large number of multinational companies, as well as, Indian pharmaceutical companies regularly visit our campus to recruit the students as their employees in manufacturing, marketing as well as R and D. Renowned and prestigious companies such as DRL, Elli Lilly, Ranbaxy, Sun, Wockhardt, Novartis, Aventis, Cipla, Lupin, Natco etc. have visited our college for recruitment of our students. Our Pharm.D. graduates also placed well in reputed organizations like Xogene, SciFormix, Cognizant, TCS, Quintiles, Sanofi, Johnson & Johnson, Apollo Hospital, Breach Candy, Fortis Hospital, Ruby hall Clinic, Bharati Hospital, DMH Pune etc.

PUBLIC TESTING LABORATORY AND CENTRE FOR FOOD TESTING

Food and Drugs Administration of Maharashtra State has approved our laboratories as Public Testing Laboratories, for analysis of Allopathic & Ayurvedik formulations. We have also started a Food Testing Laboratory. Accredited by NABL, APEDA, AGMARK, that provide services to farmers and agricultural exporters. These laboratories also cater to the needs of Pharmaceutical, Chemical and allied industries, for analysing raw materials, medicinal substances, cosmetic, Food products and health care accessories. Multinational companies like Hoechst Roussel Merian, Fresenius Kabi, Thermax, Emcure group of companies and others regularly send their samples to our laboratories for analysis.

COLLABORATIONS

The College has established collaborative linkages with quite a few national and multinational companies.

Our major Collaborations are :

- 1) Collaborative research projects in the area of particle engineering are being sanctioned by Royal Society, UK and Japanese Society of Promotion of Science Japan. Under these project collaborations have been established with Institute of Pharmaceutical Sciences, Toho University, Japan.
- 2) Collaborative research project with School of Pharmacy University of London, U K
- 3) In the area of herbal drug, research collaborations have been established with, Hygienic Research institute, Mumbai, Indus Biotech, BVG Life Sciences Ltd, Pune.
- 4) Testing of quality generic drug and strategies for affordable health care services, we have collaborative work with Sahyadri Hospital, Pune.
- 5) We have collaborative research with Winsia Life Sciences, Pune and Thiner Technologies India Pvt. Ltd for applications in the field of Pharmaceuticals and Development of Novel 3D printed formulation.
- 6) A post graduate programme in biotechnology has been implemented in collaboration with National Chemical laboratory, Pune, Serum Institute of India, Pune, Agharkar Research Institute, Pune and Central bee research and training Institute and Universite De Mons, Belgium.
- 7) Collaborations - MOU for formulation development has been signed with Macleods Pharmaceuticals Limited, Romson Medico, Agra, Reliance Pvt. Ltd., Abbot India, Indus Biotech, Tata Chemicals, Vamsi Labs Gujrat, Medispray Laboratories Private Limited,
- 8) Technology transfer agreements have been signed with FF Corporation Japan, Advanced Biochemicals, Snehal Foods and Feeds for Formulation Development and evaluation.
- 9) MOU with Indian Institute of Integrated Medicine Jammu for Herbal Drug Research.
- 10) Pharmacological and Toxicological evaluation projects are conducted for Health Innovations Research Institute, School of Science, RMIT University, Australia, University of Toledo (OH), USA and Syn Thera Biomedical Pvt. Ltd., Pune.



OUR ALUMNI

Over 6000 students have graduated from our college so far. Almost all of them are well placed and doing well in their respective fields. Over 200 students have become entrepreneurs having their own Pharmaceutical units. About 1100 of our best students are working in very high positions in different industries. About 900 students have got admissions in the United States for higher studies and nearly 800 are successfully doing jobs there. This College can boast of the fact that about 600 students are working as teachers of Pharmaceutical Sciences who are imparting knowledge to the younger generation in different colleges and universities throughout India. Our past students meet regularly to help for the betterment of the college.

COMPUTER FACILITIES

The use of computer has become inevitable in all the walks of life and so in our College we emphasize the computer training for our students in various ways. We have developed very good computer application laboratory and internet facilities. Our students can use sophisticated facilities such as Silicon Graphics for computer-aided drug design in their research. Classroom are ICT enabled and comprises interactive smart boards and LCD projector. The campus is networked with wifi facility. University **BVELE** "Learning Management System" (**LMS**) portal has been provided to the students for Class notes, Previous question papers, power point presentations, videos etc. which are easily available to the students via their individual log-ins.



Internet facility has been provided to the students in our computer laboratory where the students can online look for jobs/placements in India and abroad. It has also become very convenient way for them to search for admissions abroad or post-doctoral fellowships etc. through the internet. This facility helps our research students very much to undertake literature survey for their dissertation work through the World Wide Web and the different search engines available for this purpose.

In addition, the new research wing has computer & internet facility on every floor of the building.

BHARATI HOSPITAL PUNE

Bharati Hospital is a 1000 bedded (NABH accredited) teaching hospital located at its Katraj campus, Pune. In a spacious accommodation of 28000 sq.m., the hospital provides health services in almost all the areas including general medicine, chest and T.B., psychiatric, E.N.T. and surgery. The biochemical and pathological laboratory, blood bank, are equipped with all the modern instruments for biochemical and pathological testing and storage of blood. Well qualified and experienced faculty having technical expertise is available for teaching and medical care.



ALL ROUND DEVELOPMENT OF STUDENTS

Academic development, as well as, personality development of the students have been our major concerns. We make efforts to bring about all sided personality development of our students. With a view to achieve this objective the College undertakes numerous student centric activities. The college regularly publishes two periodicals Pharmawiz and "Capsule" and opportunities are thus provided to the students to give expression to their literary, artistic and other talents. The students are encouraged to participate in the major inter-collegiate cultural and sports competitions like the Late Firodia Cup inter-college cultural competition, competitions organized by Indian Express and such other events. Annual social gathering is another such avenue for the students to show their artistic potential. Bharati Vidyapeeth which runs this college organizes various cultural, debating and literary competitions and other events, regularly. Our students participate in them and have won laurels for the college.





The Indian Pharmaceutical Association (IPA), Pune branch is very active and our students work there as student council members and interact with Pharma professionals at various levels which increases their confidence and helps them to develop contacts with the industry. The ISPOR and UN chapter are the network represents over 60 countries. The students are united by similar interest and passion for excellence in research and interact through local chapter upgrade the global scenario of there are of research. As a part of the promotion of women's health we have organized many events for young girl students and women in our institute through "Bharati PCP Sakhee" team. The college regularly arranges lectures of eminent experts from both industry and academic institutions for the graduate and post-graduate students which help them to keep themselves abreast with the recent developments in their disciplines. A medical check-up is organized every year for the students and the students are provided with free medical treatment at our Bharati Hospital.

HOSTEL FACILITIES

Separate hostel facilities for boys, as well as girls are available on our campus. The hostels provide neat and clean rooms with proper ventilation and light. Quality food is provided in the mess. We maintain strict discipline in the hostels.

ACCREDITATION

National Board of Accreditation (NBA) reaccredited the college of third cycle of five year period. This recognition of our quality by the Apex body for Technical education in India is another feather in our cap.

National Assessment and Accreditation Council (NAAC) Bangalore has reaccredited Bharati Vidyapeeth (Deemed to be University), Pune. with 'A+' grade in 2017. M.H.R.D., Govt. of India also awarded "A" Grade University Status to Bharati Vidyapeeth (Deemed to be University), Poona College of Pharmacy is one of the constituent unit of this University.

The college has also obtained ISO-9001-2015 certification.



Poona College of Pharmacy At a Glance

- ▶ Pioneer Pharmacy College in this region of Maharashtra State approved by PCI to provide B.Pharm education (1981) and Pharm.D and Pharm.D(PB) education (2009), B. Pharm. Practice (2018) and Ph. D. Centre.
- ▶ Ranked 22nd by NIRF 2020, Government of India.
- ▶ Reaccredited for B.Pharm. Course by NBA New Delhi for Third Cycle.
- ▶ "A" Grade University Status awarded by M.H.R.D., Govt. of India & 'A+' grade by NAAC reaccreditation 2017.
- ▶ ISO-9001-2015 Certified Institute.
- ▶ Recognized by University Grants Commission, New Delhi, under section 2 (f) and 12 (B) of U.G.C. Act.
- ▶ Inducted by UGC under the Special Assistance Programme (SAP)
- ▶ Successfully completed research projects financed by All India Council for Technical Education, New Delhi, Ministry of Human Resource Development, New Delhi, University Grants Commission, New Delhi DBT, DRDO, DST and other funding agencies.
- ▶ Recognised Quality Improvement Programme and center for AICTE Doctoral Fellowship (ADF) by AICTE, New Delhi.
- ▶ Industry - Institute Partnership Cell and Entrepreneurship development cell by AICTE.
- ▶ Highly qualified, experienced and student caring faculty.
- ▶ Approved centres for post-graduate and doctoral research in Pharmaceutical Sciences.
- ▶ Well equipped Forty Five laboratories with ultramodern equipments.
- ▶ Approval of Food and Drugs Administration, Maharashtra State as Public Testing Laboratories for analysis of Allopathic & Ayurvedic formulations. The college have also started a Food Testing Laboratory and also has set 'SKILLED PCP' an incubation centre.
- ▶ Meritorious performance of students at University Examinations and GPAT.
- ▶ Rich and updated Library facilities alongwith digital library
- ▶ Book Bank facility for SC and ST students
- ▶ Conducting Pharmacy Cup Cricket Tournament for mens & womens
- ▶ Institute has NSS Unit
- ▶ For further details refer: www.pcp.bharativedyapeeth.edu.in

Details Regarding infra structural facilities resources available and other activities conducted at the institute are available on its website.

PROCEDURE AND RULES FOR ADMISSION

1. COMPUTER BASED ONLINE ENTRANCE TEST - GENERAL INSTRUCTIONS, TERMS AND CONDITIONS:

- 1.1 A single combined entrance test **B.Tech, B.Pharm/Pharm D. ABON-2021**, for B.Tech B. Pharm/Pharm D, Audiology, B.Sc Biotechnology, Optometry and B. Sc (Nursing) (will be conducted for admission to the above courses).
- 1.2 Applicant may kindly note that mere appearance in the computer based online entrance test and inclusion of name in the merit list does not confer any automatic rights to secure admission to the programme offered by the College. The selection and admission to the programme is subject to fulfilling the admission criteria, eligibility, any such criteria as may be prescribed by the University and availability of seats to the particular programme and College at the time of counseling.
- 1.3 Applications of candidates producing false or fabricated information will not be considered
- 1.4 Before initiating online registration process, candidates should go through the Information brochure carefully for eligibility criteria, and pattern of examination etc. The information brochure shall be available at **www.bvuniversity.edu.in**
- 1.5 Incomplete online application, if not in accordance with instructions, will not be considered and processed. Applicant should carefully fill up all the fields during online application process and complete the payment process. Application once submitted finally, cannot be withdrawn/modified.
- 1.6 The computer based online entrance test fee, once paid, will not be refunded under any circumstances. Candidates who remain absent for the computer based online entrance test will forfeit their computer based online entrance test fee.
- 1.7 The Information brochure is subject to modification without notice, please check the website regularly for updations, if any.
- 1.8 The authorities of the College reserves the right to withdraw permission, if any, granted inadvertently to any candidate who is not eligible to appear in the computer based online entrance test even though Admit card/Registration number has been issued.
- 1.9 The Admissions provided to candidates based on the result of the computer based online entrance test will be purely provisional and subject to the fulfillment of eligibility criteria as mentioned in the Information brochure.
- 1.10 Under no circumstance a change in computer based online entrance test centre once selected by the candidate will be allowed.
- 1.11 Candidates MUST bring the following documents to the computer based online entrance test centre - (a) Printed copy of Admit Card (b) Any one of the authorized photo IDs (must be original, valid and non-expired): Aadhaar Card /PAN card/Driving license/Voter ID/Passport. The name on the photo identification must match with the name as shown on the Admit card. Candidate reporting to computer based online entrance test center without the above said requisite documents shall not be allowed to appear for the computer based online entrance test.
- 1.12 All the correspondence should preferably be addressed by e-mail. The e-mail query shall be addressed only if it is not anonymous and not vague.
- 1.13 Candidates are deemed to have read, agreed and accepted the terms and conditions in the Information brochure and on completing the online registration/application form for the entrance test.
- 1.14 In case differences of opinion or any ambiguity in interpretation and implementation of any of the instructions/terms/rules/criteria regarding the determination of eligibility/conduct of examinations/registration of candidates/ information contained herein, the same shall be referred to the Vice Chancellor of the Bharati Vidyapeeth (Deemed to be University) and his decision shall be final and binding on all concerned.
- 1.15 Any legal matters arising out of the total admission process through the All India Common Entrance Test of Bharati Vidyapeeth (Deemed to be University), Pune – 30 i.e. **B.Tech, B.Pharm/Pharm D. ABON-2021**, shall be within the exclusive jurisdiction of competent courts at Pune, Maharashtra State only.

2. GENERAL

The annual intake of first year B.Pharm Course is 100 students, out of these 60 seats are in the grant-in-aid division and remaining 40 seats are under self financed division. All students admitted through **B.Tech, B.Pharm/Pharm D. ABON-2021**", **Computer Based Online Entrance Test** will be admitted on 40 seats for B.Pharm and 30 for Pharm D. which are self financed courses.

The seats will be filled on merit, based on their performance in **B.Tech, B.Pharm/Pharm D. ABON-2021**", computer based online entrance test conducted by Bharati Vidyapeeth (Deemed to be University) at the designated centers.

INTAKE CAPACITY:

Course	No. of seats
B.Pharm	40
Pharm D.	30

Note :

Our of 40 seats for B. Pharm or 30 seats for Pharm D., 15% seats are reserved under Foreign / NRI / P.I.O. / OCI/ Institutional Quota Merit Category. Candidates seeking admissions to the seats under Foreign / NRI / P.I.O. / OCI/ Institutional Quota Merit category will have to apply separately on a prescribed application form. The application form will be available at the office of The Registrar, Bharati Vidyapeeth (Deemed to be University), Bharati Vidyapeeth Bhavan, L.B.S. Marg, Pune-30. The form fee for this category is Rs. 1,000/- (non refundable). Seats remaining vacant after allotment to Foreign / NRI / P.I.O. / OCI Students (based on Merit), will be allotted to Indian students under Institutional Quota on the basis of merit based of the marks obtained by them in **B.Tech, B.Pharm/Pharm D. ABON-2021** The last date for submission of form to this category at the above mentioned address is **2nd August 2021 before 5.00 p.m.**

3 ELIGIBILITY

3.1 Eligibility for appearing for B. Pharm and subsequent admission

3.1.1 The candidate must be an Indian National. He has to produce a proof in support of his nationality from a competent authority.

3.1.2 **"Eligibility criteria for Maharashtra State Candidate and Outside Maharashtra State Candidate for admission to first year of degree course in Pharmacy:**

The candidate should be an Indian National and Passed HSC or its equivalent examination with Physics and Chemistry as compulsory subjects along with one of the subjects Mathematics or Biology and obtained at least 45% marks (at least 40% marks in case of candidates of SC/ST categories), in the above subjects taken together.

The admission to the B.Pharm Programme at the Poona College of Pharmacy, Pune are subjected to Directions from UGC Ministry of HRD and the State Government, Maharashtra from time to time.

The candidate must have appeared for the All India computer based online entrance test i.e. **B. Tech, B. Pharm/Pharm D., ABON-2021** conducted by this university. Candidates who have passed Diploma course in Pharmacy (ER 1991) with minimum of 45% marks from AICTE approved colleges from Maharashtra State or its equivalent will also be eligible for the admission to First Year B.Pharm. (I Semester) course.

- 3.1.3 Candidates who have appeared or who are likely to appear for the qualifying examination i.e. H.S.C. or equivalent but whose results have not been as yet declared can also appear for this entrance test provided they have offered the above mentioned subjects at the said examination.

3.2 Eligibility for appearing for Pharm D. and subsequent admission

- 3.2.1 The candidate must be an Indian National. He has to produce a proof in support of his nationality from a competent authority.
- 3.2.2 The candidate should have passed in any of the following examinations -
- 10+2 examination with Physics and Chemistry as compulsory subjects along with one of the following subjects : Mathematics or Biology.
 - A pass in D.Pharm course from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act.
 - Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations.
 - Candidate appearing in H.S.C. or Second Year D.Pharm will also be eligible for appearing in **Pharm.D. 2021**.

4. BASIS OF SELECTION FOR ADMISSION

- 4.1 A Candidate desirous of seeking admission to **B.Pharm/Pharm D.** Programme should fulfill the minimum eligibility condition as stated in point no. 3 above the final admission will be offered based solely on the merit obtained at the all India computer based online entrance test **B.Tech, B.Pharm/Pharm D. ABON-2021** conducted by Bharati Vidyapeeth (Deemed to be University), Pune.
- 4.2 He/She must have appeared for the **B.Tech, B.Pharm/Pharm D. ABON-2021** all India computer based online entrance test conducted by Bharati Vidyapeeth (Deemed to be University), Pune at designated centres.
- 4.3 The Candidate shall be offered admission on the basis of his/her rank in the final merit list and availability of the seats for a particular programme at the college of the candidate's choice at the time of counseling and admission. Mere appearance in the all India computer based online entrance test and inclusion of name in the merit list does not confer any automatic rights to secure admission to the programme offered by the college. The selection and admission to the programme is subject to fulfilling the eligibility criteria
- 4.4 In case two or more candidates obtaining equal marks in the **B.Tech, B.Pharm/Pharm D. ABON-2021** the inter-se-merit of such candidates shall be determined in order of preference as under:
- Candidate obtaining higher marks in Chemistry in the entrance examination, if equal
 - Candidate obtaining higher total marks in 12th std. qualifying examination (such a tie will be settled at the time of counselling) if equal
 - In case of tie at this level, computerised random selection of candidate will be carried out.

5. NATURE OF COMPUTER BASED ONLINE ENTRANCE TEST "B.Tech, B.Pharm/Pharm D. ABON-2021"

5.1 The **B.Tech, B.Pharm/Pharm D. ABON-2021** is a computer based online entrance test for admission to **B.Pharm/Pharm D.** Programme. It will be of 200 marks and shall be of 180 minutes duration.

- The questions will be based on Syllabus of Maharashtra State Board of Secondary and Higher Secondary Education. (syllabus of Std. XI science curriculum and Std. XII science curriculum)
- CET will consist of 4 sections of Multiple Choice Questions (MCQ), one mark for each with no negative marking. Details are as given below:

Section No.	Subject	No of questions	Marks
Section-1	Physics	60	60
Section -2	Chemistry	60	60
Section -3 a	Mathematics	80	80
Section -3b	Biology	80	80

- For candidates seeking admission to first year **B. Pharm. / Pharm D.** degree course it is mandatory that the candidate must appear for Physics, Chemistry and either Biology or Mathematics. The choice between Biology or Mathematics has to be made during filling up of application form online.
- The entrance test shall be of 200 marks and shall be of 180 minutes duration.
- The "**B.Tech, B.Pharm/Pharm D. ABON-2021**" will consists of one question paper, set in English and will contain 200 multiple choice objective-type questions. It consists of 200 multiple choice questions, one mark each with four alternatives, with only one correct or most appropriate answer. One Mark will be awarded for each correct answer. There is no negative marking for computer based online entrance test.

MODE OF CONDUCT OF COMPUTER BASED ONLINE ENTRANCE TEST

The entrance test will be conducted based on two modes:

- a) Computer centre based online test (CBT) – where in candidate has appear for the test at a designated test centre in the city provided/ preferred or allotted.

OR

- b) Remote Proctored Home based online test (RPHBT) - where in the candidate can appear for the online test from their home location provided they have the minimum hardware and software requirement.

The candidate has to choose any one of the above mode of test while filling the application form online.

6. COMPUTER BASED ONLINE ENTRANCE TEST SCHEDULE AND ADMIT CARDS:

The computer based online entrance test "**B.Tech, B.Pharm/Pharm D. ABON-2021**" will be held twice as per the dates mentioned at Important Dates page(after front page). A single result will be prepared for all the tests and for both the courses . The Candidates has a choice to appear for the Computer based Online Entrance Test on any one of the date. A single result will be prepared for all the tests.

The admit cards will be available from seven days prior to the date of entrance test. The candidate will have to, login with their credentials provided and download their respective admit card of particular entrance test for which he/she applied for.

If appearing for the Computer centre based online entrance test (CBT).

- 6.1 The reporting time before the gate closes shall be mentioned in the admit card. The candidate must report as per the time schedule at the test venue.

- 6.2 The candidates must bring admit card at the Computer centre based online entrance test. No candidate will be allowed entry without this Hall Ticket. The candidate is also required to bring one of the photo identification card in original viz. Voter Identity Card, Driving License, PAN Card, Passport or Aadhar Card etc.
- 6.3 No candidate will be allowed to enter the Computer centre based online entrance test after the scheduled time of commencement of examination.
- 6.4 The candidates appearing for the Computer centre based online entrance test should, in their own interest, check their eligibility in all respect so as to avoid disappointment at any later stage. Your application for the Computer based Online Entrance test is "PURELY PROVISIONAL" pending detailed scrutiny of your fulfilling the eligibility conditions as mentioned in the information brochure for the programme applied. In case, it is found that the candidate does not fulfill the eligibility criteria, Online application of such candidate is liable to be rejected at any stage of admission process or even after joining in the College.

If appearing for Remote Proctored Home based Online test (RPHBT):

The candidate has to make prior arrangements of the minimum hardware and software required. The candidate has to appear for the test from their home location at the allotted time.

Prior to conduct of the actual test a mock-test will be held to familiarise the candidate regarding home based entrance test.

7. TEST CENTERS FOR COMPUTER CENTRE BASED ONLINE ENTRANCE TEST

The **B.Tech, B.Pharm/Pharm D. ABON-2021** Computer centre based online Entrance test will be held in 58 centres throughout the country giving students a wide choice of test centres.

The list of cities where the Computer centre based online Entrance test are located is as below :

Sr No	City	Sr No	City	Sr No	City	Sr No	City
1	Guwahati	16	Amritsar	31	Bangalore	46	Thane
2	Patna	17	Jammu	32	Ernakulam/cochi/kochi	47	Aurangabad
3	Muzafarpur	18	Jaipur	33	Hyderabad	48	Sangli
4	Ranchi	19	Kota	34	Raipur	49	Kohlapur
5	Jamshedpur	20	Jodhpur	35	Panaji	50	Karad
6	Imphal	21	Allahabad	36	Ahmedabad	51	Nasik
7	Bhubaneswar	22	Lucknow	37	Baroda	52	Pune
8	Kolkata	23	Varanasi	38	Surat	53	Jalgaon
9	Chandigarh	24	Meerut	39	Rajkot	54	Akola
10	Ghaziabad	25	Bareilly	40	Indore	55	Ahmednagar
11	Faridabad	26	Gorakhpur	41	Bhopal	56	Latur
12	New Delhi	27	Kanpur	42	Jabalpur	57	Solapur
13	Rohtak	28	Agra	43	Amrawati	58	Srinagar
14	Karnal	29	Noida	44	Nagpur		
15	Shimla	30	Dehradun	45	Mumbai		

***Note:** If the candidates count for a centre is less than 25, then the candidate will be allocated to the nearest available centre. NO REQUEST FOR CHANGE IN EXAMINATION CENTRE WILL BE CONSIDERED UNDER ANY CIRCUMSTANCES.

- 7.1 The candidates must also bring along the admit card. Candidate shall appear for the entrance test at the computer centre as shown on their admit cards.
- 7.2 To attend the entrance test at the computer centre, candidates must compulsorily bring their valid admit card and any one of the valid authorized photo ID (must be original, valid and non-expired): Aadhaar Card /PAN card/Driving license/Voter ID/Passport. The name on the photo identification must match with the name as shown on the Admit card. Candidate reporting to Computer centre without the above said requisite documents shall not be allowed to appear for the Computer centre based online Entrance test.
- 7.3 Candidates have the option of selecting their city to appear for the Computer centre based online Entrance test during filling up of online application form.
- 7.4 Candidates are advised to familiarize themselves with the route and location of the Computer centre to appear for the Entrance test.
- 7.5 Possession and use of electronic devices such as Mobile Phone, Micro Phone or any other Associated Accessories, Calculator, Log Tables, Pager, Digital Diary Books etc are strictly prohibited in the Examination Hall. If any candidate is found in possession of any these devices/ documents his/her candidature is liable to be cancelled. As such the candidates should not bring Mobile Phone/ Micro Phone etc at the Computer centre based online Entrance test. BHARATI VIDYAPEETH & EXAM CENTER will not be responsible for its safe custody.
- 7.6 The authorities of Bharati Vidyapeeth (Deemed to be University) however reserve the right to make suitable changes in the test venue or schedule of the Computer centre based online Entrance test.
- 7.7 Only registered candidates with valid admit card and identity card will be allowed at the examination center
- 7.8 The candidates must reach the test centre at least one and half hour prior to the commencement of test on the day of the Computer centre based online Entrance test.

8. ENTRANCE TEST FEE:

8.1 Entrance test fee: Rs 1,450 /-

- 8.2 The online computer based entrance test fee shall be paid through payment gateway using internet banking mode or through debit/credit card. Service charges and other taxes for transaction as applicable by bank has to be paid by the applicant.
- 8.3 The online computer based entrance test fee, once paid, will not be refunded under any circumstances. Candidates who remain absent for the online computer based entrance test will forfeit their computer based online entrance test fee.

9. APPLICATION PROCEDURE:

A candidate desirous of appearing for the “B.Tech, B.Pharm/Pharm D. ABON-2021” is required to complete and submit the prescribed application form, online along with entrance test fee.

The application form is available online at: www.bvuniversity.edu.in

The candidates should strictly follow the instructions given in the website while filling up the application form online, and must read the instructions carefully before filling up the online application form. Instructions are

mentioned at 'Registration Guide' menu which is available on website. Before filling up the application form online, candidates should:

- a) Create their login credential
- b) Have a scanned image of their recent passport size photograph (Refer to guidelines mentioned on the Website)
- c) Have a scanned image of their signature, ready before filling up the online application form.
- d) Read the procedure and guidelines for online payments of test fee which is to be made through Credit Card / Debit Card/ Internet Banking. (Refer to guidelines, terms and conditions for using online payment mentioned on the website)

The candidate may then proceed to fill the form and submit the completed online application form. The candidate should take a print of payment receipt and completed online application form for reference and as a record.

Candidates should submit the completed online application form on or before the last date mentioned in the website. (See "Important dates" in the brochure.)

Candidate should ensure that all information entered during the online application process is correct.

Applications of candidates producing false or fabricated information will not be considered.

The authorities of the University do not edit /modify/alter any information entered by the candidates at the time of online application process under any circumstances. Any request for change in information thereafter will not be entertained.

For any queries related to filling online application form, Email to : cet@bharatividyaapeeth.edu

Tel. No. 020-24407131/132/133/163

***Note: NO REQUEST FOR CHANGE IN EXAMINATION DATE AND EXAMINATION CENTRE WILL BE CONSIDERED UNDER ANY CIRCUMSTANCES.**

The university will not be responsible if the candidate has filled in and submitted an application for a different test from the one intended to appear. In such cases the university will not refund the entrance test fees. For any queries please mail us at email: cet@bharatividyaapeeth.edu

10. A) INSTRUCTIONS REGARDING COMPUTER CENTRE BASED ONLINE ENTRANCE TEST.

About Question Paper:

- 1) All questions are compulsory. for each question, four alternatives answers have been provided out of which only one answer is correct.
- 2) Only one question will be displayed on the computer screen at a time.
- 3) There is one mark for each question which will be displayed at the top right hand corner of each question.
- 4) There is no negative marking.
- 5) The question paper will appear in English language.
- 6) Candidates can attempt question in any sequence by clicking on the question number in the **Section wise Summary Report** reflecting on the left hand side of the screen.
- 7) The exam screen will continuously display the remaining time at the top right hand corner of the question paper.

- 8) The candidates may ask the Invigilator their doubts or questions before the commencement of test. No queries shall be entertained after the commencement of the examination.
- 9) Additional rough Sheet (if required) shall be provided to the candidates for rough work during the test. All the rough sheets need to be returned to the Invigilator before leaving the test venue.

About Answering Questions:

- 1) In order to answer a question, you have to '**Click**' the option you think is appropriate/ correct. The alternative which has been clicked on will be highlighted and shall be treated as the answer given by you for the question.
- 2) If you do not wish to attempt the question then you should not click on any option for that question and may click '**Next**'.
- 3) You can '**Bookmark**' questions to review before submitting.
- 4) You can navigate between questions either by clicking on '**Previous/Next**' or by directly clicking on the question numbers which are displayed as attempted/ unattempted /book marked in the **Section wise Summary Report**.

About Preview and Submission:

- 1) The answers are saved whenever the candidate navigates e.g. by clicking on Next/ Previous button or by clicking on other question number.
- 2) The candidates can make changes in their choice of alternative only before the paper is **auto** submitted.
- 3) Candidate can switch to any of the question by clicking on summary panel shown at the left hand side of the screen.
- 4) After the expiry of the test time, the candidates will not be able to attempt any question or check their answers. The answers of the candidate would be saved and submitted automatically by the computer system.
- 5) A "Thank you" message will appear confirming the completion and submission of the examination.

Candidates can be debarred/ disqualified by the Chief Proctor of the Exam Centre for any of the following reasons:

1. Creating a disturbance.
2. Impersonation - Attempting to take the examination for someone else.
3. Giving or receiving assistance of any kind during the examination and communication in any form between candidates or with outsiders.
4. Smoking or eating in the Examination Hall.
5. Attempting to tamper with the operation of the computer or meddling with system.
6. Exchanging any papers, documents or any other material with other candidates.
7. Leaving the test centre without the permission from the invigilator.
8. Using prohibited aids, items not allowed, such as:
 - o Stationary items including Pens, Pencils, Scales, Papers, Books, Notebooks, Calculators, Watch calculators, etc.
 - o Mobile phones, Pagers, Health bands, Watches, any other electronic gadgets etc

- Jewellery including Earrings, Finger rings, Metal Bangles, Pendants, Nose pins, Chains, Necklace etc
 - Shoes & socks, Wallets, Sunglasses, Jackets etc are not allowed. Candidates will be asked to remove their Jackets, Footwear before entering the Test Hall.
9. Attempting to copy examination questions and /or examination responses (in any format) from the examination centre.
 10. Attempting to access any unauthorized software/program during the examination.
 11. Failing to follow invigilators directions.
 12. Manhandling of invigilators or test centre staff.
 13. Resorting to unfair means or trying to influence in any way for examination results shall be considered as a serious offence and any candidate found guilty of such offence on the report of any person duly authorized in conduct of the examination, shall be liable to have his/her name removed from the list of candidates entered for the Examination and may also be further dealt with in such manner as the examination authority may deem fit.
 14. Candidates shall maintain silence while appearing for the exam. Any conversation or gesticulating or disturbance or attempt to change seats/question paper in the Examination Hall shall be deemed as unfair means.
 15. If a candidate is found indulging in unfair means or impersonation, the candidature of such candidate shall be cancelled. The candidate shall be expelled from the examination by the Test Centre Administrator and such matter shall be reported to concerned authorities for appropriate action.
 16. The Test Centre Administrator at the Exam Centre is authorized to debar the candidate/s from the examination centre for any misconduct.
 17. A mock test will be available on the bvuniversity.edu.in website for practice for all candidates who have been issued Admit Cards for the exam.

B) INSTRUCTIONS REGARDING REMOTE PROCTORED HOME BASED ONLINE ENTRANCE TEST

RULES AND REGULATIONS of Remote Proctored Home based Online Test

Note: Rules and Regulations will remain same for Mock (Practice) and Live Actual Final Test. Attempting Mock (Practice) test is mandatory, you will not be able to give your Final Final Test if you have not completed your Mock (Practice) test

The online test will be held only through desktop / laptop.

Instructions for the CANDIDATE appearing for ONLINE EXAMINATION using their infrastructure like desktop/laptop, internet, web camera, microphone, etc.

- Exam Start Time: As per schedule sent to you through email
- Candidate will not be allowed to appear after 30 minutes from his/her scheduled time. Under no circumstances, the test can be rescheduled.
- Candidates should log in 15 minutes before the scheduled start time of the exam.
- Accessing Your Exam Online: You must have received an email from the Institute with login credentials. Candidate to keep login details safe and DO NOT share with anyone else.

Before starting the exam, please ensure the following:

- You are using a computer system equipped with Windows Operating System (version 8 and above).
- You have installed Google Chrome Browser (80.0 and above version) with cookies & popups enabled.
- There is an active & stable Internet Connection with more than 2 mbps (with high-frequency Wifi)

- There is a minimum available data pack (3GB - 4 GB)
- Your device has a working integrated web camera and microphone. A webcam is a must to take the test.
- You have your ID card (issued by Local Government Authorities / Passport / Employer ID) ready with you for the candidate verification process. We don't issue any separate ID cards.

Code of Conduct:

- Though the test is being taken at the candidates' place of stay, their conduct during the examination will be proctored using Artificial Intelligence as well as a Human proctor (invigilator) through continuous video and audio feed.
- There is a zero-tolerance policy for unethical behaviour.
- It is strongly advised that the candidate takes the examination with utmost solemnity and ensures that all the instructions are strictly followed.
- Exam authority reserves the right to disqualify any candidate who is found to be indulging in any kind of malpractice.

Authentication Process:

Please go through the following 2-step verification process

- Step 1 : Show your face to the camera and click submit
- Step 2: Show your ID Card (issued by Local Government Authorities / Passport / Employer ID) and click submit.
- An authorizer will connect to you for verification. This may take 20-30 minutes. You may get this message while you are waiting: "We are currently processing your authorization submission" or "You are in the queue. Please wait while your details are being authorized". Please note the exam time will not be counted during the verification process. Your actual test time will start once you start attempting the questions, so please don't panic.
- Upon authorization, you will be allowed to enter the examination interface.

Examination environment rules:

1. No other person is allowed to enter the room once your test starts.
2. The lighting in the room must be bright enough to be considered 'daylight' quality. Overhead lighting is preferred. If overhead lighting is not available, the source of light must not be behind you.
3. Please make sure your face is visible at all times with enough light on your face. Do not look away from the screen or hide/cover your mouth or face
4. You must sit at a clean desk or table.
5. The desk or walls around you must not have any writing on them.
6. The room must be as quiet as possible. No sounds (such as music or television) are permitted.
7. The following items must not be on your desk or used during your proctored exam:
 - Books • Textbooks • Notebooks • Mobile Phones or any other electronic device
8. You may keep the following with you:
 - A water bottle • Two sheets for rough work • Pen or Pencil for rough work. • Calculators
9. Please ensure that your laptop is fully charged for the examination and your webcam is working properly.

The computer/laptop you use to take the examination:

1. The computer you would be using to take the exam must not have more than one display or monitor.

For example, if you usually use a laptop with a monitor connected, please disconnect your monitor and use only the laptop screen.

2. You must close all other programs or windows on your testing computer before you begin the exam.

Minimum Computer/System Requirement:

I) Desktop/Laptop:

- Internet Browser: Google Chrome version 80 & above, with cookies & popups enabled
- Video/Audio: Webcam min. 1.3 MP and a good quality Mic is required
- Operating system: Windows 8 or 10
- RAM & Processor: 4 GB+ RAM, i3 5th Generation 2.2 GHz or equivalent/higher
- Pop-up blocker: Disabled
- Uninterrupted power supply (UPS/ Inverter, etc.)

II) Internet Connection:

- Dedicated Internet and Internet Bandwidth of minimum 2 MBPS (4G/ Wi-Fi) or above + upload speed

Some Do's and Don'ts:

- Candidates are requested to keep attention on the chat window with the proctor/invigilator. You may ask your queries related to the test with the proctor.
- Candidates must be in front of their screen at all times.
- Candidates' activities will be constantly observed, monitored, and recorded.
- The web Camera and Mic should not be covered with any article during the entire exam duration.
- Don't Position the camera too low, too high, or hooked onto a different monitor. Weird camera angles can be very distracting and unflattering during the examination. The candidate should make sure that the camera is at eye level and on the monitor which is used for the examination.
- Browsing other windows or applications is prohibited. After few warnings, the system will automatically end the exam leading to disqualification.
- **IMP: The Candidate must ensure that he/she attempted every question and reviewed the accuracy of his/her answers before submitting the paper. Once submitted (even by mistake), re-examination will not be permitted.**
- **IMP: Candidates are not permitted to logout/ switch off the computer for sake of going to the washroom and if they log out / switch-off, re-login will not be permitted.**
- **Please don't click on the taskbar or anywhere outside the test window or any notification which you get on your desktop / laptop during the test. You will get few warnings for moving away from the test window and despite that, if it repeats, your test will be terminated automatically.**
- You must not use headphones, earbuds, or any other type of listening equipment.
- You must not communicate with any other person by any means once you start taking the examination.
- You must not use a phone for any reason.
- You must not leave the room during the exam for any reason, during the test.
- Do NOT press the F5 key or refresh the screen, while you are taking the exam, as it will terminate the exam.
- Candidate must dress decently.

What to do if your online exam is interrupted?

- In case the candidate gets disconnected from the exam for any reason, try logging out and in again. If you continue to face technical issues, please email immediately at helpdesk@onlineregistrationform.org with your Registration Id and Subject ID
 1. If you are not able to log in on the examination portal.
 2. In case you have any issue with starting the examination.
 3. If examination will get disconnected if your webcam gets closed due to any reason.
 4. In case of any system/internet issue or power failure at your place during the examination, then

Please email immediately at helpdesk@onlineregistrationform.org with your Registration Id and Subject ID

- If you get repeated warnings, your test will be terminated automatically. To resume the test, please mail at helpdesk@onlineregistrationform.org

Privacy:

During the remote proctored Final Test, Images/Videos/Sounds of the candidates and their computer systems will be captured and stored for Final Test proctoring purposes. It is envisaged that candidates who register for the remote proctored Final Test agree for the same.

11. DECLARATION OF RESULT:

A separate merit list will be declared for candidates registered for **B.Tech, B.Pharm/Pharm D. ABON-2021** courses based on the computer based online entrance test (based on 200 marks), will be declared as per the dates mentioned at Important Dates page(after front page). Separate merit list will be prepared for Regular category and Foreign/NRI/PIO/OCI/ Institutional Quota Merit Category.

The merit list of computer based online entrance test will be declared and displayed at website www.bvuniversity.edu.in

It is not possible to send individual invitation for counselling to the candidates. It shall be the responsibility of the individual candidate to see their own merit number and appear for the counselling at the centre of his/her choice as per the dates mentioned at Important Dates page(after front page).

12. COUNSELING AND SPOT ADMISSIONS:

12.1 The counselling schedule will be held as per the dates mentioned at Important Dates page(after front page):

The candidate must report for counselling at 9.00 a.m. only, on the date of the counselling at the respective centers.

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.

The candidate must note that appearance for the computer based online entrance test and inclusion of name in the merit list does not necessarily mean that he/she will get admission to the course. The admission will depend upon the availability of seats to the particular programme at the time of his counselling.

It shall be candidates responsibility to see the result computer based online entrance test and confirm their merit no. The candidate should remain present for counselling as per the schedule.

Individual counselling letters are not going to be sent. The candidate should attend counselling & on the spot admissions on their own as per the schedule given. The candidate should bring along with them proof of having appeared for the computer based online entrance test such as Admit Card or photo copy of

application form / Demand Draft etc.

The candidate will be offered a seat in the course of their choice and as per the combined merit list prepared by Bharati Vidyapeeth (Deemed to be University), Pune for all the courses. The candidate will be called for counselling as per their merit number and will be offered a seat as per availability of the seat in the particular programme.

12.2 The following certificates in original along with self-attested two copies each of the same and one set of soft copies are to be submitted at the time of counselling and on the spot admission.

1. Your letter for Counselling
2. For a Proof of date of Birth : SSC Certificate or School/College Leaving Certificate and Certificate of Domicile/Nationality Certificate
3. A Certificate of the Principal/Headmaster of the School for having studied for 11th and 12th standards.
4. Statement of marks of 10th std examination.
5. Statement of marks of 12th std examination.
6. Statement of marks of D.Pharm. I and II year (if applicable)
7. Transfer Certificate from the Institution in which you had studied last.
8. Migration Certificate (for students who had joined any other course after 12th).
9. Anti-Ragging Undertaking for all students seeking fresh admission to First Year UG & PG courses.
In response to the announcement by MHRD and UGC. New Delhi (India). all the students be advised to file the anti-ragging undertaking online through the website. 1) www.antiragging.in , 2) www.amanmovement.org and submit hard copy at the time at counseling for the admission.
10. Gap Certificate (if applicable)
11. Character Certificate from a responsible person.
12. Certificate of Medical Fitness.
13. An affidavit in the given format signed by you and countersigned by your parent/guardian.
14. Six recent passport-size photographs with your names written on backside.
15. The amount of Tuition fees, other fees and Hostel fees in case you need an admission to Hostel.
16. Caste Certificate and Caste Validity Certificate issued by Govt. of Maharashtra.
17. Aadhar Card Photo Copy

12.3 After scrutiny of their certificates, the candidates are offered admission according to their rank and availability of seats.

13.FEE STRUCTURE for 2021-2022 only :

The fees prescribed for First Year B.Pharm. programme are as follows:

a) B. Pharm (Non Grant Division for 40 seats)

Regular Merit Category	Institutional Quota Merit Category	Foreign / N.R.I./PIO/ OCI Merit Category
₹ 1,26,000/- + Caution Money Deposit 1,000/-	₹ 2,20,000/- + Caution Money Deposit 1,000/-	US \$ 5,500 + Caution Money Deposit 1,000/-

Note- For Non Grant-in-aid division, the fees shall be revised upwards @ 5% per annum.

b) Pharm D. (Non Grant Course)

Regular Merit Category	Institutional Quota Merit Category	Foreign / N.R.I./PIO/ OCI Merit Category
₹ 1,75,000/- + Caution Money Deposit 1,000/-	₹ 2,75,000/- + Caution Money Deposit 1,000/-	US \$ 8,000 + Caution Money Deposit 1,000/-

Note- The fees shall be revised upwards @ 5% per annum.

Mode of Payment of Fees shall be as given below

The fee is to be paid either through online mode or Bank Draft of any Nationalized bank drawn in the name of “**The Principal, Bharati Vidyapeeth Poona College of Pharmacy, Pune payable at Pune**”.

The details of payment through online mode will be informed.

At the time of admission a candidate has to pay library deposit. This deposit shall be refunded upon completion of the course.

If a candidate fails to confirm admission given to him/her, the same shall stand cancelled and the resultant vacancy will be offered to the next eligible candidate from the list. However, if candidate is unable to report in person, he/she can depute a representative with an authority letter signed by the candidate (appended in this brochure) along with requisite documents under sec. 12 above and Demand Draft of fees.

There are a few seats available in the hostel which will be allotted on first come first served basis.

Those who are desirous of getting admission to the hostel will be required to pay the entire amount of rent for the year as well as the mess charges for the entire academic year at the time of admission only. The details of hostel fees will be given in counselling letter. The payment for the hostels should be made by separate Demand Draft.

14. REFUND OF FEE:

If the student chooses to withdraw from the program of studies in which he/she is enrolled, the refund of the fees paid will be made as per the following UGC guidelines.

Sr. No.	Percentage of Refund of Aggregate Fees*	Point of time when notice of withdrawal of admission is submitted to the university
1	100%	15 days or more, before the formally- notified last date of admission.
2	90%	Less than 15 days before the formally- notified last date of admission.
3	80%	15 days or less, after the formally notified last date of admission.
4	50%	30 days or less, after the formally notified last date of admission.
5	0%	More than 30 days after the formally notified last date of admission.

*(inclusive of course fees but exclusive of caution deposit)

- In case of (1) in the table above, the University shall deduct Rs. 5,000/- as processing charges from the refundable amount.
- Any student who withdraws from the course as mentioned in Sr. No.5 and thereafter will be required to remit to the University, in addition to the amount already forfeited, the course fee payable for the remaining period of the course.
- In case of Foreign/NRI candidates, the refund will be made in accordance with RBI/ Foreign exchange regulations.
- All refunds will be processed by the respective units of the University upon receiving the approval from the Registrar based on the recommendation of the head of the Institution. Refund will be made only after the candidate has surrendered the ID card, original fee receipt and the dues clearance certificate.
- Application and Entrance Test Fees, wherever applicable, once remitted shall NOT be refunded under any circumstances.
- The refund information given above is indicative only and Bharati Vidyapeeth (Deemed to be University) reserves the right to make changes as per the notifications received from the concerned statutory / regulatory authorities from time to time.

** The date of opening of the college shall be deemed to be the last date of admission for the limited purpose of admission and refund of fees.

15. CONDUCT AND DISCIPLINE:

If any student is found indulging in antinational activities, or in activities that run contrary to the letter and spirit of the provisions of Acts and Laws enforced by the Government, or any activity that causes his/her behavior to be contrary to rules of discipline, will be liable to be expelled from the College forthwith without any notice by the Principal of the College.

If any of the statements made in application form or any information supplied by the candidate in connection with his/her admission is, at any time, found to be false or incorrect and willful suppression of facts, his/her admission will be cancelled forth with. The fees will be forfeited and he/she may be expelled from the College by the Principal and prosecuted, if deemed necessary.

Each of the candidates seeking admission in the college is required to give the following undertaking at the time of admission:-

- A) " I have read all the Rules of Admission for the current year and after fully understanding these rules, I have filled in this application form for admission for the current year.
- B) The information given by me in my application is true to the best of my knowledge and belief.
- C) I have not been debarred from appearing at any examination conducted by any Government constituted or Statutory autonomous examination authority in India.

- D) I fully understand that the Principal of the College will have right to expel, rusticate me from the College for any infringement of the Rules of good conduct and discipline in general and particularly the ones referred to above and the rules of good conduct and discipline prescribed by the College / University and in the undertaking given above."

16. MISCELLANEOUS:

- 16.1 The candidates are informed that the medium of instruction, for all programmes is English.
- 16.2 At the time of seeking admissions, a candidate will be provisionally admitted to Programme at the College subject to the production of the Provisional Eligibility Certificate from the University.
- 16.3 The College shall have the right to satisfy about the conduct and character of a candidate by verifying antecedents of a candidate through the appropriate police-authority, before admitting him/her to the College.
- 16.4 The Attention of the candidates is particularly invited to the provisions of rules regarding the eligibility of candidates for admission to the **B.Pharm. and Pharm.D.-2021** Programme. If at any stage it is found that a candidate is not eligible either for admission to **B.Pharm. and Pharm.D-2021-22** Programme, his/her candidature and admission even if granted provisionally will be cancelled forthwith.
- 16.5 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 to be University), Pune and his decision shall be final and binding on all the concerned.

RECOMMENDED SYLLABI FOR B.Pharm/Pharm D.-CET-2021

PHYSICS**CONTENTS OF CLASS XI SYLLABUS****1. Units and Measurements**

- System of units , Measurement of length , Measurement of mass , Measurement of time , Dimensions and dimensional analysis , Accuracy , Precision , and uncertainty in measurement , Errors in measurements , Significant figures , order of magnitude .

2. Mathematical Methods

- Vector analysis : - Scalars , Vectors , Vector operations (multiplication , addition , subtraction of vectors Triangle law for vector addition , Law of parallelogram of vectors) , Resolution of vectors , Multiplication of vectors (scalar product , vector product) , Introduction of calculus .

3. Motion in Plane

- Rectilinear motion (Displacement , path length , average velocity , average speed , instantaneous speed , acceleration , relative velocity) , Motion in two dimensions – Motion in plane (average and instantaneous velocity , acceleration . Equation of motion for object travelling in plane with uniform acceleration . relative velocity , Projectile motion) . Uniform circular motion : period , radius vector , angular speed , centripetal acceleration , conical pendulum.

4. Law of Motion

- Aristotle's Fallacy , Newton's laws of motion , Inertial and non-inertial frame of reference . Types of forces (fundamental forces in nature , contact and non-contact forces , real and pseudo forces , conservative and non-conservative forces , concept of potential energy , work done by variable force) . Work – Energy theorem . Principle of conservation of linear momentum . Collisions (elastic and inelastic collisions, coefficient of restitution) . Impulse of force. Rotational analogue of force – moment of force or torque, couple and its torque , mechanical equilibrium , centre of mass , centre of gravity .

5. Gravitation

- Kepler's law , Universal law of gravitation , Measurement of gravitational constant , Acceleration due to gravity , Variation in 'g' with altitude , depth , latitude and shape Gravitational potential and potential energy , Escape velocity , Earth Satellite , Projection of satellite , Critical velocity , Weightlessness in satellite , Time period of satellite , Binding energy of an orbiting satellite .

6. Mechanical Properties of Solids

- Elastic behavior of solids , Stress and strain , Hooke's law Elastic modulus , Stress – Strain curve , Strain energy , Hardness , Friction in solids (static friction , kinetic friction , rolling friction) .

7. Thermal Properties of Matter

- Temperature and Heat , Measurement of temperature , Absolute temperature and Ideal gas equation , Thermal expansion (linear expansion , areal expansion , volume expansion , relation between coefficients of expansion , Specific heat capacity , Colorimetry , Change of state , Heat transfer (conduction , convection , radiation) , Newton's laws of cooling.

8. Sound

- Waves-Types of waves, Common properties of all waves, Transverse Waves and Longitudinal waves , Mathematical expression of waves , Speed of travelling waves , Newton's Formula for velocity of sound,

Laplace's correction , Factors affecting speed of the sound , Principle of superposition of the waves , Echo, reverberation and acoustics ,Qualities of sound , Doppler effect .

9. Optics

- Nature of light, Ray Optics , Cartesian Sign convention , Reflection (Reflection from Curved mirrors ,Spherical abbreviation) Refraction , Total internal reflection and its applications , Refraction at spherical surface and lenses (Refraction at single spherical surface, Lens maker's equation), Dispersion of light and prism (Prism formula , deviation of light through thin prism , angular dispersion , dispersive power), Natural phenomena due to sunlight , Defects of lenses (Chromatic abbreviation , Spherical abbreviation), Optical instruments – Magnifying power of simple microscope , compound microscope , telescope .

10. Electrostatics

- Electric charges , basic properties of the electric charges , Coulomb's law , Principle of superposition , Electric field , Electric lines of force , Electric flux , Gauss Law , Electric dipole (Couple acting on the electric dipole in the uniform electric field , Electric intensity at a point due to electric dipole) , Continuous charge distribution .

11. Electric Current through conductors

- Electric current , Flow of the current through the conductor , Drift Speed , Ohm's Law , Electrical energy and power , Registers Rheostat , Combination of the registers , Specific Resistance (Resistivity), Variation of the resistance with the temperature , Electromotive force , Cell's in series , Cell's in parallel , Types of cells .

12. Magnetism

- Magnetic lines of force and magnetic field , Bar magnet(Magnetic field due to bar magnet at a point along its axis and along it's equator , Magnetic field due to bar magnet at an arbitrary point), Gauss law of magnetism , Earth's magnetism.

13 Electromagnetic waves and Communication system

- EM wave , Characteristics of EM waves , Electromagnetic spectrum – Properties and uses of Radio waves , Microwaves , Infrared waves , Visible Light , Ultraviolet rays , X-rays , Gamma Rays .

Propagation of EM Waves – Ground wave propagation , Space wave propagation , Sky wave propagation .

Introduction to communication system , Modulation .

14. Semiconductors

- Electrical conduction in solids , Band theory of solids – Brief introduction , Intrinsic Semiconductor , Extrinsic semiconductor , P-N junction ,P-N junction diode .Semiconductor devices , Application of semiconductors and P-N junction diode .

15. Magnetic Field due to Electric Current

- Magnetic force , Cyclotron motion , Cyclotron accelerator, Helical motion , Magnetic force on wire carrying current – 1) Straight wire 2) Arbitrarily shaped wire. Force on a closed circuit in a magnetic field , Torque on current loop , Moving coil galvanometer , Magnetic dipole moment , Magnetic potential energy of dipole , Magnetic field due to current (Biot – Savart law), Force of attraction between two long parallel wires , Magnetic field produced by current in circular arc of wire, Axial magnetic field produced by current in circular loop , Magnetic lines for current loop , Ampere's Law , Magnetic field of Solenoid and Toroid .

16. Magnetic Materials

- Torque acting on a magnetic dipole in uniform magnetic field , Location of magnetic poles of current carrying loop, Origin of magnetism in materials , Magnetization and Magnetic intensity , Magnetic properties of materials, Hysteresis , Permanent magnet and electromagnet , Magnetic shielding .

17. Electromagnetic Induction

- Faraday's experiment in connection with generation of electric current, Faraday's laws of electromagnetic induction, Lenz's law and its applications, Flux of field, Motional electromotive force, Induced emf in stationary coil in a changing magnetic field, Generators, Back emf and back torque, Induction and energy transfer, Eddy currents, Self-inductance, Energy stored in magnetic field, Energy density of magnetic field, Mutual inductance, Transformer.

18. AC Circuits

- AC generator, Average and RMS values, Phasors, Different types of AC circuits: - AC voltage applied to resistor, AC voltage applied to an inductor, AC voltage applied to capacitor, AC circuit containing resistance, inductance, capacitance in series (LCR circuit), Power in AC circuit, LC oscillations, Electric resonance,

Q-Factor, Choke coil.

19. Dual Nature of Radiation and Matter

- Photoelectric effect, (Experiment and its observations), Failure of wave theory to explain observations from experiments on photoelectric effect, Einstein's postulate of quantization of energy and photoelectric equation, Wave-particle Duality of electromagnetic radiation, Photo Cell, De Broglie Hypothesis, Davisson and Germer experiment, Wave-particle Duality of matter.

20. Structure of Atoms and Nuclei

- Geiger – Marsden experiment, Rutherford's atomic model, Atomic spectra, Bohr's atomic model, Expressions for radius of orbit, energy of electron, Bohr formula, De Broglie's explanation, Atomic nucleus, nuclear forces, Nuclear binding energy, Radioactive decays, Law of radioactive decay, Half life of radioactive material, Average life of radioactive species, Nuclear energy (Nuclear fission, Nuclear fusion).

21. Semiconductor Devices

- P-N junction diode as a rectifier, Filter circuits, Special purpose junction diodes: - Zener diode, Photo diode, Solar cell, Light emitting diode (LED), Bipolar junction transistor, Transistor configuration, Transistor as an amplifier, Logic gates.

CONTENTS OF CLASS XII SYLLABUS**1. Rotational Dynamics**

- Circular motion: Kinematics of circular motion, Dynamics of circular motion (Centripetal force, Centrifugal force) Applications of UCM: Vehicle along horizontal circular track, Vehicle on banked road, Conical pendulum: Period of revolution of bob, Frequency of revolution. Vertical circular motion.
- Moment of inertia: M.I. as an analogous quantity for mass, Rotational K.E., angular momentum, torque in terms of M.I., M.I. of ring, disc, solid sphere, thin uniform rod, circular cone, uniform plate, uniform spherical shell, radius of gyration, Theorem of parallel axes and perpendicular axes, conservation of angular momentum, Rolling motion: Linear acceleration and speed while pure rolling down an inclined plane.

2. Mechanical Properties Of Fluids

- Fluid – Properties of fluid, Pressure: Pressure due to liquid column, Absolute pressure and Gauge pressure, Hydrostatic paradox, Pascal's Law, Applications of Pascal's Law, Measurement of pressure (mercury barometer, open tube manometer). Surface Tension, Surface energy, Relation between S.T. and surface

energy , Angle of contact , Effect of impurity and temperature on S.T. Excess pressure across free surface of liquid , Formation of drop and bubble. Capillary action Expression for capillary rise . Fluids in motion , Critical velocity and Reynold number , viscosity , Stokes' law , Equation of continuity , Bernoulli equation and its applications.

3. Kinetic Theory Of Gases And Radiation

- Behaviour of gas , Ideal gas and real gas , Mean free path , Pressure of ideal gas , Interpretation of temperature in kinetic theory , Law of equipartition of energy , Degrees of freedom , Specific heat capacity (Mayer's relation) , Absorption , reflection , and transmission of heat radiation , Perfect black body (Ferry's black body). Emission of heat radiation . Kirchhoff's law of heat radiation and its theoretical proof. Spectral distribution of black body radiation. Wien's displacement law , Stefan-Boltzmann law of radiation.

4. Thermodynamics

- Thermal equilibrium , Zeroth law of thermodynamics , Heat , Internal Energy , Work . First law of thermodynamics (work and heat related), Thermodynamic state variables , Thermodynamic process , Classification of thermodynamic processes (Reversible and Irreversible process) , Assumptions of thermodynamic process. Thermodynamics of isothermal process , Isobaric process , Isochoric process , Adiabatic process, Cyclic process , Free expansion. Heat Engine , Heat engine cycle and P- V diagram , Refrigerators and heat pumps . Second law of thermodynamics , Carnot cycle and Carnot engine , Carnot refrigerator , Second law of thermodynamics and Carnot cycle , Sterling cycle .

5. Oscillations

- Periodic motion , Linear S.H.M. , Differential equation of S.H.M. , Acceleration , velocity and displacement of S.H.M. and their expressions , Amplitude , period and frequency of S.H.M., Reference circle method , Phase in S.H.M., Graphical representation of S.H.M. , Composition of two S.H.M. s having same period and along the same path , Energy of particle performing S.H.M., Simple pendulum , Second's pendulum , Angular S.H.M. and its differential equation , Magnet vibrating in uniform magnetic field , Damped oscillations , Free oscillations , Forced oscillations and resonance .

6. Superposition of waves

- Progressive wave , Reflection of waves , Superposition of waves , Stationary waves , Properties of stationary waves , Free and Forced vibrations , Harmonics and Overtones :- Vibrations of air column in pipe closed at one end and in pipe open at both ends , Vibrations produced in string , Laws of vibrating string , Sonometer(verification of first , second and third law of vibrating string) , Beats (analytical method to determine beat frequency) , Applications of beats , Characteristics of sound (loudness , pitch , quality or timbre) , Musical instruments.

7. Wave Optics

- Nature of light:- Corpuscular nature , wave nature , dual nature of light . Huygens' wave theory , Huygens' principle , Reflection of light at plane surface , Refraction of light at plane boundary between two media , Dependence of wavelength on refractive index of medium , Polarization , Brewster's Law(polarization by reflection) , polarization by scattering , Interference : Young's double slit experiment , Conditions for steady interference , Method for obtaining coherent sources Optical path , Diffraction of light : Fresnel and Fraunhofer diffraction , Fraunhofer diffraction at a single slit , Double slit diffraction pattern , Resolving

power – Rayleigh's Criterion for resolving power , Resolving power of microscope , Resolving power of telescope.

8. Electrostatics

- Applications of Gauss' Law , Electric potential and potential energy , Electric potential due to point charge , electric dipole and system of charges , Equipotential surfaces , Electrical energy of two point charges and of a dipole 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 parallel , Capacitance of parallel plate capacitor with and without dielectric medium between the plates .Displacement current , Energy stored in capacitor , Van de Graaff Generator .

9. Current Electricity

- Kirchhoff's Laws of Electrical Network , Wheatstone Bridge , Application of Wheatstone bridge :- Metre bridge , Kelvin's method , Post office box . Potentiometer:- Use of potentiometer (Compare emf of cells , To find internal resistance of cell) , Application of potentiometer(Voltage divider , Audio control, potentiometer as a sensor) , Advantages of potentiometer over voltmeter , Galvanometer :- Galvanometer as an ammeter , Galvanometer as a voltmeter .

10. Magnetic Field due to Electric Current

- Magnetic force , Cyclotron motion , Cyclotron accelerator, Helical motion , Magnetic force on wire carrying current – 1) Straight wire 2) Arbitrarily shaped wire. Force on a closed circuit in a magnetic field , Torque on current loop , Moving coil galvanometer , Magnetic dipole moment , Magnetic potential energy of dipole , Magnetic field due to current (Biot – Savart law), Force of attraction between two long parallel wires , Magnetic field produced by current in circular arc of wire, Axial magnetic field produced by current in circular loop , Magnetic lines for current loop , Ampere's Law , Magnetic field of Solenoid and Toroid .

11. Magnetic Materials

- Torque acting on a magnetic dipole in uniform magnetic field , Location of magnetic poles of current carrying loop, Origin of magnetism in materials , Magnetization and Magnetic intensity , Magnetic properties of materials, Hysteresis , Permanent magnet and electromagnet , Magnetic shielding .

12. Electromagnetic Induction

- Faraday's experiment in connection with generation of electric current , Faraday's laws of electromagnetic induction , Lenz's law and its applications , Flux of field , Motional electromotive force , Induced emf in stationary coil in a changing magnetic field , Generators , Back emf and back torque , Induction and energy transfer , Eddy currents , Self- inductance , Energy stored in magnetic field , Energy density of magnetic field , Mutual inductance , Transformer .

13 AC Circuits

- AC generator, Average and RMS values, Phasors, Different types of AC circuits: - AC voltage applied to resistor, AC voltage applied to an inductor, AC voltage applied to capacitor, AC circuit containing resistance, inductance, capacitance in series (LCR circuit), Power in AC circuit, LC oscillations, Electric

resonance,

Q- Factor, Choke coil.

14. Dual Nature of Radiation and Matter

- Photoelectric effect, (Experiment and its observations), Failure of wave theory to explain observations from experiments on photoelectric effect, Einstein's postulate of quantization of energy and photoelectric equation, Wave-particle Duality of electromagnetic radiation, Photo Cell, De Broglie Hypothesis, Davisson and Germer experiment, Wave-particle Duality of matter.

15. Structure of Atoms and Nuclei

- Geiger – Marsden experiment, Rutherford's atomic model, Atomic spectra, Bohr's atomic model, Expressions for radius of orbit, energy of electron, Bohr formula, De Broglie's explanation, Atomic nucleus, nuclear forces, Nuclear binding energy, Radioactive decays, Law of radioactive decay, Half life of radioactive material, Average life of radioactive species, Nuclear energy (Nuclear fission, Nuclear fusion).

16. Semiconductor Devices

- P-N junction diode as a rectifier, Filter circuits, Special purpose junction diodes: - Zener diode, Photo diode, Solar cell, Light emitting diode (LED), Bipolar junction transistor, Transistor configuration, Transistor as an amplifier, Logic gates.

CHEMISTRY

CONTENTS OF CLASS XI SYLLABUS

1. Some basic Concepts of chemistry

- Nature of chemistry, Properties of matter and their measurement, laws of chemical combination, Dalton's Atomic Theory, Atomic and molecular masses, mole concept and molar mass

2. Introduction to analytical chemistry

- Importance of analytical chemistry, analysis, mathematical operation and error analysis, determination molecular formula, chemical reactions and stoichiometric calculations, limiting reagent, concentration of solution, use of graph in analysis

3. Basic Analytical Techniques

- Purification of solids, Distillation, solvent extraction, chromatographic techniques,

4. Structure of Atom

- Subatomic particles, Atomic number, atomic mass number, Isotopes, Isobars, Isotones, Drawbacks of Rutherford atomic model, Developments leading to Bohr's atomic model, Bohr's model for hydrogen atom, Quantum mechanical model of atom,

5. Chemical Bonding

- Kossel and Lewis approach to chemical bonding, Steps to write Lewis dot structures, Formal charge, Valence shell electron pair repulsion theory, Valence bond theory, Hybridization, Molecular orbital theory, Parameters

of covalent bond, Dipole moment, resonance

6. Redox Reactions

- Classical ideas of redox reactions, Oxidation number, Balancing of redox reactions, Redox reaction and Electrode potential,

7. Modern Periodic Table

- Introduction, Structure of modern periodic table, Periodic table and electronic configuration, Blockwise characteristics of elements, Periodic trends in elemental properties

8. Element of Group 1 and Group 2

- Hydrogen: Occurrence, Position, Isotopes of Hydrogen, Preparation, Properties, Uses. Alkali metals and element of group 2, Some important compounds of element of s blocks

9. Elements of groups 13, 14, 15

- Introduction, Electronic configuration of elements of groups 13, 14, 15, Chemical properties of elements of groups 13, 14, 15, Catenation, Allotropy, Molecular structure of some important compounds of groups 13, 14, 15 elements, Chemistry of notable compounds of elements of group 13, 14, 15

10. States of Matter: Gaseous and Liquid States

- Introduction, Intermolecular forces, Characteristic properties of gases, Gas Laws, Ideal gas equations, Kinetic molecular theory of gases, Deviation from ideal behavior, Liquefaction of gases and critical constant, Liquid state

11. Adsorption and Colloids

- Adsorption, Types of adsorption, Factors affecting adsorption of gases on solids, Adsorption isotherm, Applications of adsorption, Catalysis, Adsorption theory of heterogeneous catalysis, Colloids

12. Chemical Equilibrium

- Reversible reactions, Equilibrium in physical processes, Equilibrium in chemical process, Law of mass action and equilibrium constant, Homogeneous and Heterogeneous equilibria, Characteristics of equilibrium constant, Application of equilibrium constant, Le Chatelier's Principle, Industrial application

13. Nuclear chemistry and Radioactivity

- Similarity between solar system and structure of atom, Classification of nuclides, Nuclear stability, Radioactivity, Radioactive decay, Modes of decay, Nuclear reactions, Applications of radio isotopes

14. Basic principles of Organic Chemistry

- Structural representation of organic molecules, Classification of organic compounds, Nomenclature of organic compounds, Isomerism, Theoretical basis of organic reactions

15. Hydrocarbons

- Alkanes: Isomerism, Conformation, preparation, Physical properties, chemical properties, uses. Alkenes: Isomerism, preparation, physical properties, chemical properties, uses. Alkynes: Isomerism, preparation, physical properties, chemical properties, uses. Aromatic Hydrocarbons (Benzene): Structure, Preparation, physical properties, chemical properties. Huckel Rule, Directive influence of a functional groups in monosubstituted benzene, Carcinogenicity and Toxicity

16. Chemistry in Everyday Life

- Basics of food chemistry, Compounds with Medicinal properties, Cleansing agents.

CONTENTS OF CLASS XII SYLLABUS**1. Solid State**

- Types of solids, Classification of crystalline solids, Crystal structure, Cubic system, Packing of particles in crystal lattice, Packing efficiency, Crystal defects, Electrical properties of solids, Magnetic properties of solids

2. Solutions

- Types of solutions, Capacity of solution to dissolve solute, Solubility, Vapour pressure of solutions of liquids in liquids, Colligative properties of non electrolyte solutions, Vapour pressure lowering, Boiling point elevation, Depression in freezing point, Osmotic pressure, Colligative properties of electrolytes

3. Ionic Equilibria

- Types of electrolyte, Acids and Bases, Ionisation of acids and bases, Autoionisation of water, pH scale, Hydrolysis of salts, Buffer solutions, Solubility product, Common ion effect

4. Chemical Thermodynamics

- Introduction, Terms used in Thermodynamics, Nature of heat and work, Expression for pressure-volume work, Concept of maximum work, Internal energy, First law of Thermodynamics, Enthalpy, Enthalpies of physical transformations, Thermochemistry, Spontaneous process.

5. Electrochemistry

- Introduction, Electric conduction, Electrical conductance of solutions, Electrochemical cells, Electrolytic cell, Galvanic cell, Electrode potential and cell potential, Thermodynamics of galvanic cell, Galvanic cells useful in day to day life, Fuel cell, Electrochemical series.

6. Chemical kinetics

- Rate of reactions, Rate of reaction and reactant concentration, Molecularity of elementary reactions, Integrated Rate law, Collision theory of bimolecular reactions, Temperature dependence of reaction rates, Effects of catalyst on rate of reaction.

7. Elements of groups 16,17,18

- Occurrence, Electronic configuration, Atomic and physical properties, Anomalous behavior of oxygen and fluorine, Chemical properties, Oxoacids, Oxygen and compounds of oxygen, Compound of sulphur, Chlorine and compounds of chlorine, Interhalogen compounds, Compounds of Xenon.

8. Transition and Innertransition Elements

- General introduction, Position in periodic table, Electronic configuration, Trends in atomic properties of first transition series, Compounds of Mn and Cr (KMnO_4 and $\text{K}_2\text{Cr}_2\text{O}_7$), Common properties of d block elements, Metallurgy, Properties of f block elements

9. Coordination compounds

- Introduction, Types of ligands, Terms used in coordination chemistry, classification of complexes, IUPAC nomenclature of coordination compounds, Effective atomic number rule, Isomerism in coordination compounds, Stability of coordination compounds, Theories of bonding in complexes, Application of coordination compounds.

10. Halogen derivatives

- Classification of halogen derivatives, Nomenclature, Methods of preparation of alkyl halides, Physical properties, Optical isomerism in halogen derivatives, Chemical properties, Uses and environmental effects of some polyhalogen compounds.

11. Alcohols, Phenols and Ethers

- Classification, Nomenclature, Methods of preparation, Physical properties, Chemical properties, Uses

12. Aldehydes, Ketones, Carboxylic Acids

- Classification, Nomenclature, Methods of preparation, Physical properties, Chemical properties

13. Amines

- Classification, Nomenclature, Methods of preparation, Physical properties, Chemical properties

14. Biomolecules

- Carbohydrates: Classifications, Nomenclature of monosaccharides, Preparation of Glucose, Structure and properties of Glucose. Proteins: alpha amino acids, Types of proteins, Structure of proteins, Denaturation of Proteins. Enzymes: Mechanism of enzyme catalysis. Nucleic acids.

15. Introduction to Polymer Chemistry

- Classification of polymers, Some important polymer, Molecular mass and degree of polymerization of polymer, Biodegradable Polymers, Commercially important polymers.

16. Green Chemistry and Nanochemistry

- Introduction, Sustainable development, Principle of green chemistry, Role of Green chemistry, Introduction to nanochemistry, Characteristic features of nanoparticles, synthesis of nanomaterial, History of nanotechnology, Application of nanomaterials, Nanoparticles and nanotechnology.

BIOLOGY

CONTENTS OF CLASS XI SYLLABUS

1. Living World

- Basic Principles of Life, Herbarium, Botanical Gardens, Museum, Zoological Parks, Biodiversity Parks, Key

2. Systematics of Living Organisms

- Classification, Three domains of life, Chemotaxonomy, Numerical Taxonomy, Cladogram, Phylogeny, DNA Bar coding, Taxonomic Categories, Taxonomic Hierarchy, Units of Classification, Nomenclature, Salient Features of Five Kingdoms, Acellular Organisms (Viruses, Viroids, Lichens)

3. Kingdom Plantae

- Kingdom Plantae Classification, Salient features of major plant groups under Cryptogams and Phanerogams, Plant life cycle and Alternation of generations

4. Kingdom Animalia

- Criterion used for animal classification, Animal body plan, Animal Classification and Phylums

5. Cell structure and organization

- Cell, Kinds of Cells, Prokaryotic cells, Eukaryotic cell and its components

6. Biomolecules

- Carbohydrates, Lipids, Proteins, Nucleic acids and their significance, Enzymes and their properties, Nomenclature, Mechanism of Enzyme action. Concept of metabolism

7. Cell Division

- Cell Cycle, Types of Cell Division-Amitosis, Mitosis, Meiosis and their significance

8. Plant Tissue and Anatomy

- Tissue, Meristematic tissue, Simple and Permanent Tissues, Tissue Systems, Secondary growth in plants, Wood, Cork cambium and secondary growth, Anatomy of Dicot and Monocot, root stem and leaf

9. Morphology of Flowering Plants

- Classification of Flowering plants, Root, Stem, Leaf their structure and modifications, Inflorescence, Structure of Flower, Placentation, Fruit and Seed. Study of some important families : Fabaceae and Solanaceae

10. Animal Tissues

- Histology and Types : Epithelial, Connective, Muscular and Nervous Tissue

11. Study of Animal Type-Cockroach

- Habit and habitat, Systematic Position, External morphology, Body Cavity, Digestive System of cockroach, Circulatory or Blood vascular system, Respiratory System, Nervous System, Reproductive system, Interactions with mankind

12. Photosynthesis

- Meaning, Chloroplasts, Nature of Light, Mechanism of Photosynthesis, Light Reaction,

Photophosphorylation, Dark reaction, Photorespiration, C₄ Pathway, Crassulacean Acid Metabolism, Factors affecting Photosynthesis, Significance

13. Respiration and Energy Transfer

- Formation of ATP, Anaerobic respiration, Glycolysis, Aerobic respiration, Krebs Cycle, ETS, Significance

14. Human Nutrition

- Meaning, Human Digestive System, Digestive glands, Physiology of Digestion, Absorption assimilation and egestion, Nutritional disorders and disorders of digestive system

15. Excretion and Osmoregulation

- Excretion and excretory products, Two Major types of Nephridia, Excretory system in Human being, Physiology of Urine formation, Composition of Urine, Role of skin in excretion, Disorders and Diseases, Dialysis

16. Skeleton and Movements

- Movements and Locomotion, Location, structure and working of Skeletal muscles, Structure of myosin and actin filaments, mechanism of muscle contraction, Physiology of muscle relaxation, Properties of muscles on electrical stimulation, Skeletal System, Group of Skeleton : Axial and Appendicular Skeleton, Types of Joints, Disorders related to muscles and bones

CONTENTS OF CLASS XII SYLLABUS

1. Reproduction in Lower and Higher Plants

- Asexual Reproduction, Sexual Reproduction, Microsporogenesis, Structure of Ovule, Megasporogenesis, Pollination, Outbreeding devices, Double Fertilization, Post fertilization changes, Apomixis Parthenocarpy

2. Reproduction in Lower and Higher Animals

- Asexual Reproduction, Sexual Reproduction, Human Reproductive Systems, Puberty, Menstrual Cycle, Gametogenesis: Spermatogenesis, Oogenesis, Fertilization, Embryonic Development, Placenta, Parturition, Lactation, Birth Control Methods, Amniocentesis, Sexually Transmitted Diseases (STD), Infertility and Treatment, Adoption

3. Inheritance and Variation

- Chromosomes and Mechanism of Inheritance, Genetic Terminology, Mendel's Laws of Inheritance, Back Cross and Test Cross, Deviations, Chromosomal Theory of Inheritance, Chromosomes, Linkage and Crossing over, Autosomal Inheritance, Sex Link Inheritance and Diseases, Sex determination, Genetic Disorders

4. Molecular Basis of Inheritance

- The Discovery of DNA, The Genetic Material is a DNA, DNA Packaging, DNA Replication, Protein Synthesis, Genetic Code, Regulation of Gene Expression, Operon Concept, Genomics, Human Genome Project, DNA Fingerprinting

5. Origin and Evolution of Life

- Protobiogenesis, Chemical Evolution of Life, Organic Evolution, Darwinism, Mutation Theory, Modern Synthetic Theory of Evolution, Mechanism of Organic Evolution, Hardy-Weinberg's Principle, Adaptive Radiation, Evidences of Organic Evolution, Speciation, Geological Time Scale, Human Evolution

6. Plant Water Relation

- Properties of Water, Water absorbing Organ, Availability and absorption of water by roots from soil, Water Potential(Ψ), Plasmolysis, Path of water across the root, Mechanism of absorption of water, Ascent of Sap, Transport of mineral ions, Transport of food, Transpiration, Structure of Stomatal apparatus, Significance of Transpiration

7. Plant Growth and Mineral Nutrition

- Meaning, Phases of Growth, Conditions for Growth, Growth Rate and Types of Growth, Growth Curve, Differentiation, De-Differentiation, Re-Differentiation, Development, Plasticity, Growth Hormones: Physiological Effects and Applications, Photoperiodism, Vernalization, Mineral Nutrition : Classification and Role of Mineral Elements in Plants, Nitrogen Cycle

8. Respiration and Circulation

- Meaning, Organs of Respiratory exchange in plants and animals, Human Respiratory System, Mechanism of Respiration, Regulation of Breathing, Common disorders of Respiratory system, Transportation in Living Organisms, Circulation in animals, Human Circulatory system : Blood and its components, Heart: External and Internal Structure, Conducting system of Heart, Mechanism of working of human heart, Blood Vessels, Blood Pressure, Heart Diseases, ECG, Lymphatic system

9. Control and Co-ordination

- Nervous Co-ordination : Nervous system in Hydra, Planaria. Neural Tissue, Synapse, Transmission of nerve impulse. Human Nervous System: Central Nervous System (CNS), Peripheral Nervous System(PNS), Autonomous Nervous System(ANS). Sensory Receptors, Eye, Ear, Disorders of Nervous System, Chemical Co-ordination, Endocrine System: Hormones, Properties, Mechanism of Hormone Action. Major Endocrine Glands, Hormones, Mode of Action, Disorders

10. Human Health and Diseases

- Immunity and its types, Cells of Immune System, Vaccination, Structure of Antibody, Formation of antigen-antibody complex, ABO blood groups and Rh factor, Common Human Diseases: Mode of Transmission, Symptoms, Diagnosis and Treatment, Prevention and Control, Adolescence, Mental Health and Adolescence, Addiction, Drug Abuse, Effects of Drugs, Prevention and Control

11. Enhancement of Food Production

- Improvement in Food Production, Plant Breeding, Tissue Culture, Single Cell Protein (SCP), Biofortification, Animal Husbandry: Management of Farm and Farm Animals, Dairy Farm Management, Poultry Farm Management, Apiculture or Bee Keeping, Fishery, Lac Culture. Microbes in Human Welfare: Microbes in Food Production, Role of Microbes in Industrial Production, Microbes in Sewage Treatment, Microbes in Energy Generation, Role of microbes as biocontrol agents and biofertilizers

12. Biotechnology

- Meaning, Principles and Processes of Biotechnology: Technique of Gene Cloning and rDNA Technology, Methodology for rDNA Technology, Applications of Biotechnology: Healthcare, Agriculture, Gene Therapy, Genetically Modified Organisms(GMOs), Advantages of GM food-plants. Bioethics :Effects of Biotechnology on Environment and Human Health.Bio-piracy and Bio-patent

13. Organisms and Populations

- Organisms and the environment around, Major abiotic factors, Adaptation, Population, Population Interactions,

14. Ecosystems and Energy Flow

- Ecosystems : Structure and Function. Energy Flow, Ecological Pyramids, Nutrient Cycles: Carbon and Phosphorous Cycle. Ecological Succession

15. Biodiversity, Conservation and Environmental Issues

- Definition of Biodiversity, Levels of Biodiversity, Biodiversity current scenario, Loss of Biodiversity, Causes of Biodiversity Losses, IUCN System and Categories, Conservation of Biodiversity, Biological Diversity Act 2002, Environmental Issues: Air, Noise, Water Pollution, Its Causes, Effects and Control Measures, Green House Effect and Global Warming, Ozone Depletion, Deforestation, Conservation of Forests, Mission Harit Maharashtra

XI - MATHEMATICS – PART-1

- | | |
|-------------------------------------|---|
| 1. Angle and its Measurement | Directed Angles, Definition , Types of Angles (Zero angle, One rotation angle, Straight angle, Right angle, Angle in standard position, Angle in a quadrant, Quadrantal angles, Co-terminal angles), Measures of angle (Degree measure, Radian measure), Theorem : $\pi^{\circ}=180^{\circ}$, Arc Length And Area Of A Sector ($A=\frac{1}{2}r^2\theta$, $S=r\theta$). |
| 2. Trigonometry - I | Introduction, Definition of trigonometric ratio's, Trigonometric functions with the help of a circle, Sign of Trigonometric functions in different quadrants, Trigonometric functions of specific angles, Trigonometric functions of negative angles, Fundamental identities, Domain and range of trigonometric functions, Periodicity of Trigonometric functions, Graphs of Trigonometric functions (sine , cosine, tangent, ...), Polar Co-ordinate system. |
| 3. Trigonometry - II | Definition Compound angle, Theorem's ($\cos(A-B)$, $\cos(A+B)$, $\sin(A-B)$, $\sin(A+B)$, $\tan(A+B)$, $\tan(A-B)$), Results ($\cot(A+B)$, $\cot(A-B)$), Trigonometric functions of Allied angles, Trigonometric functions of Multiple angles (Double angle, Triple angle) , Factorization formulae (conversion of sum or difference into product, conversion of product into sum or difference), Trigonometric functions of angles of a triangle. |
| 4. Determinant and Matrices | <p>Introduction, Value of Determinant of order 2, Determinant of order 3 definition, Expansion of Determinant of order 3 (6 ways), Minors and cofactors of elements of determinants, Expansion of Determinant by using Minors and cofactors of any row/column, Properties of determinant, Applications of Determinant (Cramer's Rule, Consistency of three equations in two variables, Area of triangle and collinearity of three points).</p> <p>Introduction to matrices, Definition , Types of matrices, Algebra of matrices (Equality of matrices, Multiplication of matrix by a scalar, Addition of matrices, Multiplication of two matrices), Properties of transpose of a matrix.</p> |

- 5. Straight Line** Definition of locus, Equation of locus, Shift of origin, Straight Line : Inclination of line , Slope of a line, Perpendicular lines, Theorem : $m_1 m_2 = -1$, Angle between intersecting lines Theorem, Equation of line in standard forms (Point slope-form, Slope-intercept form, Two-points form, Double-intercept form, Normal form), General form of equation of line, Point of intersection of lines, The distance of the origin from a line, The distance of the point from a line, The distance between two parallel lines Theorem, Family of lines.
- 6. Circle** Definition , Different forms of equation of a circle (Standard form, Centre-radius form, Diameter form, General equation of a circle, Parametric form of a circle, Tangent (The equation of tangent to a standard circle, Equation of tangent in parametric form, Condition of tangency, Tangents from a point to the circle), Director Circle.
- 7. Conic Sections** Double cone, Definition of conic section and its equation, Some useful terms of conic section, Parabola (Standard equation of the parabola, Tracing of the parabola, some results (Focal distance, Length of latus rectum), Some other standard forms of parabola, Parametric expressions of standard parabola, General forms of the equation of a parabola, Tangent at a point on a parabola, Condition of tangency, Tangents from a point to a parabola), Ellipse (Standard equation of ellipse, Some results , Special cases of an ellipse, Tangent to an ellipse, condition for tangency, Tangents from a point to the ellipse, Auxiliary circle, director circle of the ellipse), Hyperbola (Standard equation of the hyperbola, useful terms, Some results, Parametric equation of the hyperbola, Other standard form of hyperbola, Tangent to a hyperbola, Auxiliary circle, Diameter circle).
- 8. Measures of Dispersion** Range, Variance, Standard deviation (For different data), Change of origin and scale, Standard deviation for combined data, Coefficient of variation.
- 9. Probability** Basic terminologies (Random experiment , outcome, sample space, Event, Favourable outcome, Types of event, Algebra of Events, Equally likely outcome, Probability of an event, Properties of probability, Addition theorem for two events, Conditional Probability, Multiplication theorem, Independent events, Bayes' theorem, Odds (ratio of two complementary probabilities)

XI – MATHEMATICS – PART-2

1. **Complex Numbers** Definition of complex number, Algebra of complex Numbers (Equality of two complex numbers, Conjugate of a complex number, Addition of complex numbers, Scalar multiplication Subtraction of two complex numbers, Multiplication of two complex numbers, powers of i , Division of complex numbers), Square root of a complex number, Solution of quadratic equation in complex number, Argand Diagram, Modulus of z , Argument of z , Properties of modulus, argument, Polar form of complex number, Exponential form, De Moivre's Theorem, Cube root of unity and its properties.
2. **Sequence And Series** Definition and types of sequence, Arithmetic Progression, Geometric progression, sum of first n terms of a G.P., sum of infinite terms of G.P., Expressing recurring decimal as rational number, Harmonic progression, Types of means, Arithmetico geometric progression, Properties of summation, power series.
3. **Permutations And Combination** Fundamental principles of counting, Factorial notation and its properties, Permutations (when all objects are distinct, when repetitions are allowed, when some objects are identical, circular permutation, Properties of permutations), Combinations (Definition, Theorem : nCr , Properties of combination).
4. **Methods of Induction and Binomial Theorem** Principle of mathematical induction, Binomial theorem for positive integral index, General term and middle term of $(a+b)^n$
Binomial theorem for negative index or fraction, Binomial coefficients.
5. **Sets and relations** Set (Definition, Representation of set, number of elements of set, Types of sets, Operations on sets, Intervals, maximum and minimum of sets), Relations (ordered pair, Cartesian product of two sets, Definition of relation, domain, codomain, range, Binary relation on a set, Identity relation, Types of relations, Congruence modulo).

- 6. Functions** Definition of function, domain, codomain, Types of function, Representation of function, Graph of function, Value of function, Algebra of functions.
- 7. Limits** Definition of limit of function, Algebra of limits, Theorem, method of factorization, method of rationalization, Limit of trigonometric function, Substitution method, Limits of exponential and logarithmic functions, Limit at infinity.
- 8. Continuity** Continuity of a function at a point, Definition of continuity, Properties of continuous function, Types of discontinuities, continuity over an interval, The intermediate value theorem for continuous functions.
- 9. Differentiation** Definition of derivative and differentiability, Derivative by method of first principle, Derivative of some standard functions, Relationship between differentiability and continuity, Rules of differentiation.

XII MATHEMATICS AND STATISTICS PAPER- I

- | | |
|-----------------------------------|---|
| 1. Mathematical Logic | Statement, Truth Value of statement, Logical connectives, Simple and Compound statement : Conjunction, Disjunction, Conditional, Bi-conditional and negation of a statement, Statement Pattern, Logical Equivalence, Tautology, Contradiction, Contingency, Quantifiers, Quantified Statements duals, Negation of Compound statement, Converse, Inverse and Contra positive Implication, Application of Logic to switching circuit |
| 2. Matrices | Elementary transformation : A) Interchange of any two rows or any two columns B) Multiplication of the elements of any row or column by a non zero scalar C) Adding the scalar multiples of all the elements of any row(column) to corresponding elements of any other row(column), Inverse of a matrix: Uniqueness of Inverse of a matrix, Inverse of a non singular matrix by elementary transformation, Inverse of a square matrix by adjoint method, Application of matrices, Method of inversion, Method of reduction |
| 3. Trigonometric functions | Trigonometric equations and their solutions, general solutions, solution of triangle:- polar co-ordinates , relation between Cartesian and the polar co-ordinates, solving a triangle, sine rule, cosine rule, projection rule, Application of sine rule, cosine rule, projection rule. 1) half angle formulae 2) Heron's formula. 3) Napier's analogy, Inverse trigonometry function, Principal values of inverse trigonometric functions. Properties of inverse trigonometric functions. |
| 4. Pair of straight line | Combine equation of a pair of lines(Theorem), Homogeneous equation of degree two, Angle between lines represented by $ax^2+2hxy+by^2=0$, General second degree equation in x and y. |
| 5. Vector | <p>Scalar quantity, vector quantity, representation of vector, magnitude of a vector, types of vector. 1) zero vector 2) unit vector 3) co-initial and co-terminus vector 4) equal vectors 5) Negative of a vector 6) collinear vectors. 7) Free vectors 8) Localized vector.</p> <p>Algebra of vectors:- 1) scalar multiplications 2) Addition of two vectors. 3) subtraction of two vectors. 4) coplanar vectors. 5) vector in two dimensions, Vector in two dimensions (2-D), Three dimensions(3-D) co-ordinate system, component of vector, position vector of a point P(x,y,z) in space,</p> |

component form of \vec{r} vector joining two points, section formula, product of vectors, angle between two vectors, scalar product of two vectors, finding angle between two vectors, projections, direction angle and direction cosines, vector product of two vectors, scalar triple product and properties, vector triple product and properties.

6. Line and plane

Vector and Cartesian equation of line, equation of a line passing through a given point and parallel to given vector, equation of a line passing through given two points, Distance of a point from a line, skew lines, distance between skew lines, distance between parallel lines, equation of plane, equation of plane passing through a point perpendicular to a vector, Cartesian form, a vector equation of the plane passing through point $A(\vec{a})$ and parallel to \vec{b} and \vec{c} , the vector equation of plane passing through three non-collinear points, the normal form of equation of plane, angle between planes, angle between a line and a plane, co-planarity of two lines, distance of a point from a plane.

7. Linear Programming

Definition, convex set, Linear programming problem, meaning of Linear programming problem, meaning of L.P.P. Mathematical formulation of the L.P.P. Formal definitions related to L.P.P., Solution of L.P.P., Optimum feasible solution, corner-point method

XII MATHEMATICS AND STATISTICS PAPER- II

1. **Differentiation** Definition, Rules of Differentiation, Derivatives of Composite Functions (Theorem), Geometrical meaning of Derivatives, Derivatives of Inverse Functions(Theorem), Derivatives of Standard Inverse Trigonometric Functions, Logarithmic Differentiation, Implicit Functions, Derivatives of Parametric Functions(Theorem), Differentiation of one function with respect to another function, Higher Order Derivatives, Successive Differentiation (or nth order derivatives)of some Standard Function

2. **Applications of Derivatives** Application of Derivative in Geometry, Derivative as a Rate Measure, Velocity, Acceleration and Jerk approximations, Rolle's Theorem/Rolle's Lemma, Lagrange's Mean value Theorem(LMVT), Increasing and Decreasing Functions, Maxima and Minima, First Derivative Test, second Derivative Test

3. **Indefinite Integration** Definition, Elementary Integration Formulae, Method of Integration, Integration by Substitution(theorem), Integrals of Trigonometric Functions, Some Special Integrals, Integrals of the form $\frac{\int (px+q) dx}{ax^2+bx+c}$ and $\frac{\int (px+q) dx}{\sqrt{ax^2+bx+c}}$ and Integration by parts (Theorem), Integral of the type $\int e^x [f(x)+f'(x)] dx = e^x f(x)+c$
Integration by Partial Fraction

4. **Definite Integration** Definite Integral as Limit of Sum, Fundamental Theorem and Properties of Integral Calculus,

5. **Application of Definite Integral** Area under a curve, Area between two curves

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|-------------------------------------|--|
| 6. Differential Equations | Definition, Order and Degree of Differential Equation, Formation of differential equation, Solution of differential equation, Homogeneous differential equation, Linear Differential Equation, Application of Differential Equation: Population growth and growth of bacteria, Radioactive decay, Half life period, Newton's Law of Cooling, Surface Area |
| 7. Probability Distributions | Random Variables, Types of Random Variables: Discrete Random Variables, Continuous Random Variables, Probability Distribution of discrete Random Variable, Probability Mass Function(p.m.f), Cumulative Distribution Function(c.d.f.), Expected Value and variance of a Random Variable, Probability distribution of a continuous Random Variable, Probability Density Function, Cumulative Distribution Functions(c.d.f.) |
| 8. Binomial Distribution | Bernoulli Trail, Binomial Distribution, Mean and Variance of Binomial Distribution(Formulae without proof) |

AUTHORIZATION FOR REPRESENTATIVE

I,, son /daughter of
....., being unable to attend the counseling session for admission
to the **B. Pharm./Pharm.D.**(Self-Financed) course at Bharati Vidyapeeth (Deemed to be University) on
..... hereby

authorize son/daughter of

whose photograph is affixed below and who will sign as shown below, to represent me at the counseling 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 CAPITAL LETTERS)

Seat No. (**B. Tech, B. Pharm/Pharm D., ABON-2021**) : _____

Place: _____

Date: _____

Reason for absence: _____

Specimen signature of the Representative

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

Signature of the Candidate

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

AFFIDAVIT FORMAT**a) B. Pharm**

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 studied in class 11th and 12th in India and have passed a qualifying examination in the subjects of Physics, Chemistry and Biology or Mathematics individually and have obtained at least 45% (40% in case of backward class) marks together in those subjects and I have also Passed in the subject of English.

or

I have passed D. Pharmacy from and have obtained at least 45% marks together.

- C) I have studied and understood the rules governing counselling, admission, procedure, fee structure and agree to abide by these rules.
- D) If admitted to any of the Institutions of the Bharati Vidyapeeth (Deemed to be 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.
- E) I will not involve myself in any action of ragging during the course of my education in this University. I understand involvement in ragging is a cognisable offence and it will result in police action and would result into cancellation of my admission to the course.
- F) I will refrain from the use of cigarettes and tobacco products.

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 to be 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 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

AFFIDAVIT FORMAT

b) Pharm. D.

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 17yrs of age on or before 31st December of the year of admission
- C) I have studied in class 11th and 12th in India and have passed a qualifying examination in the Physics and Chemistry as compulsory subjects with one of the following subjects mathematics or biology

or

I have passed Diploma in Pharmacy from a Institution approved by Pharmacy Council of India.

- 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 to be 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 involvement in ragging is a cognisable offence and it will result in police action and would result into cancellation of my admission to the course.
- G) I will refrain from the use of cigarettes and tobacco products.

Name of the candidate :

Date :

Place :

Signature of the candidate

I, the father/mother/guardian of an applicant for Pharm.D. at Bharati Vidyapeeth (Deemed to be 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 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

IMPORTANT NOTICE

The students and the parents will have to submit the printouts of antiragging undertaking online on the following websites

website 1: www.antiragging.in

2: www.amanmovement.org

This has to be submitted immediately after the conformation of the admission.

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 to be University)

Bharati Vidyapeeth, Pune

Bharati Vidyapeeth Bhavan, Lal Bahadur Shastri Marg, Pune - 411 030.

Phone : (020) 24325701, 24322279 Fax : (020) 24339121



Dr. PATANGRAO KADAM M.A., LL.B., Ph.D.

● Founder-Chancellor, Bharati Vidyapeeth & Bharati Vidyapeeth (Deemed to be University), Pune

AT A GLANCE

EDUCATIONAL CAMPUSES :

● Pune ● Navi Mumbai ● Navi Delhi ● Panchgani (Satara) ● Sangli ● Karad ● Kolhapur ● Solapur ● Jawhar ● Jat

BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY)

★ Accredited with 'A+' Grade (2017) by NAAC ★ ★ **Category-I** University Status by UGC ★

★ 'A' Grade University Status by MHRD, Govt. of India ★ ★ NIRF Ranking - **62** ★

● Medical College, Pune ● Dental College & Hospital, Pune ● College of Ayurved, Pune ● Homoeopathic Medical College, Pune ● College of Nursing, Pune ● Yashwantrao Mohite College of Arts, Science and Commerce, Pune ● New Law College, Pune ● Social Sciences Centre (M.S.W.), Pune ● Yashwantrao Chavan Institute of Social Science Studies & Research, Pune ● Research and Development Centre in Pharmaceutical Sciences & Applied Chemistry, Pune ● College of Physical Education, Pune ● Institute of Environment Education & Research, Pune ● College of Engineering, Pune ● Poona College of Pharmacy, Pune ● Institute of Management & Entrepreneurship Development, Pune. ● Rajiv Gandhi Institute of Information Technology & Bio-Technology, Pune ● Interactive Research School for Health Affairs, Pune. ● Medical College & Hospital, Sangli. ● Dental College & Hospital, Navi Mumbai. ● Institute of Management & Research, New Delhi; ● College of Architecture, Pune; ● Institute of Hotel Management & Catering Technology, Pune; ● Yashwantrao Mohite Institute of Management, Karad; ● Institute of Management, Kolhapur; ● Institute of Management & Rural Development Administration, Sangli. ● Abhijit Kadam Institute of Management and Social Sciences, Solapur. ● Dental College & Hospital, Sangli ● College of Nursing, Sangli ● College of Nursing, Navi Mumbai.

FACULTIES / DISCIPLINES :

● Arts ● Science ● Commerce ● Engineering ● Medicine ● Dentistry ● Management ● Pharmaceutical Science ● Ayurved ● Homoeopathic ● Nursing ● Hotel Management ● Law ● Social Sciences ● Social Work ● Architecture ● Environmental Sciences ● Physical Education ● Kala (Art) ● Agriculture ● Biotechnology

INSTITUTE BRANCHES :

● Research Institutes - 3 ● Colleges (including proposed 2) : 50 ● Technical Institutes : 8 ● Junior Colleges : 15 ● Primary Schools and High Schools (Marathi) : 40 ● Pre-Primary Schools and Primary Schools (English) : 20 ● Balvikas Mandir : 4 ● Public School : 1 ● Adivasi Vikas Ashram Shala : 1 ● I.T.I.(Girls) : 1 ● Other Sections : 17

ASSOCIATE INSTITUTIONS :

● Bharati Vidyapeeth English-Maths Exam Department ● Bharati Vidyapeeth's Bharati Printing Press ● Bharati Sahakari Bank Ltd. ● Bharati Madhyawarti Sahakari Grahak Bhandar Ltd. ● Sonhira Sahakari Sakhar Karkhana Ltd., Wangi, Kadegaon, Dist. Sangli ● Sagarshwar Sahakari Soot Girni Ltd., Kadegaon, Dist. Sangli ● Krishna Veral Sahakari Soot Girni Ltd., Kundal-Palus, ● Sou. Vijaymala Patangrao Kadam Mahila Auodyogik Sahakari Santha, Kadegaon, Dist. Sangli ● Mahatma Gandhi Hospital & Research Centre ● Bharati Vidyapeeth Medical Foundation ● Bharati Hospital & Research Centre ● Eye Bank ● Mobile Health Care Unit & Ambulance ● Foundation for Rural Development ● Bharati Vidyapeeth Krida Pratishthan ● Bharati Vidyapeeth Kala Academy ● Sonhira Milk Producers and Allied Agro Co-op. Soc. Ltd., Kadegaon ● Sonhira Co-op. Poultry Society Ltd., Kadegaon, Dist. Sangli



Bharati Vidyapeeth
(Deemed to be University) Pune, India.

Bharati Vidyapeeth Bhavan, Lal Bahadur Shastri Marg, Pune - 411 030.

Phone No. : 020 24407131/132/133

Fax No. : 020-24329675

Website : www.bvuniversity.edu.in

E-Mail : cet@bharatividyaapeeth.edu