

BANARAS HINDU UNIVERSITY



Information Bulletin

Ph.D./C'akravarti Registration - March 2003 Term

(For RET-Exempted Candidates only)

The Banaras Hindu University invites application for registration to Ph.D./C'akravarti for March - 2003 Term from permanent teachers of BHU holding substantive post, teachers sponsored under Quality Improvement Programme, NET/GATE qualified candidates, ICMR-JRFs, Foreign Nationals having passed their qualifying examinations from a country other than India and Persons holding high positions viz., Scientists, Professors in various establishments, in various disciplines as mentioned on page 3.

A. IMPORTANT DATES

Commencement of sale of forms	05.02.2003
Last date for receipt of requisitions for sending the application forms by registered post	17.02.2003
Last date for sale of forms from office counter	03.03.2003
Last date for receipt of forms duly completed in the office of the Controller of Examinations, BHU	04.03.2003

B. HOW TO APPLY

1. The prescribed Application Form along with the Information Bulletin can be obtained from the Office of the Controller of Examinations, Banaras Hindu University, Varanasi - 221 005 on all working days from 11.00 a.m. to 3.00 p.m. on payment of Rs. 250.00 by cash till 3.00 p.m. of March 03, 2003 OR by Registered post by sending an A/c payee State Bank of India Demand Draft of Rs. 300.00 (which includes the postal charges) drawn in favour of the Controller of Examinations, BHU payable at State Bank of India, BHU Branch (Code No. 0211) along with a request letter and a self addressed unstamped envelope of size 32 X 26 cm. superscribed "Application for Ph.D./C'akravarti" till February 17, 2003. The University shall not be responsible on any ground whatsoever for postal delay or non-delivery of post.
2. Completed Application Form duly filled-in by the candidate himself/herself must be submitted to the office of the Controller of Examinations, on or before March 04, 2003 either in person or by post. Incomplete Application Forms, Application Forms not properly documented and Application Forms received after March 04, 2003 shall in no case be accepted on any ground whatsoever.

C. ELIGIBILITY REQUIREMENTS

Ph.D./Chakravarty Degree shall be open to the candidate in various Faculties as under:

I. FACULTIES OF ARTS, SOCIAL SCIENCE, SCIENCE, VISUAL ARTS, EDUCATION, SANSKRIT VIDYA DHARMA VIJNAN, MANAGEMENT STUDIES

- (a) Graduate under the pattern of 10+2+2 till 1981 or under the pattern 10+2+3 thereafter and obtained Master's Degree in subject deemed as the qualifying degree:
 - (i) Obtained at least a second class (50% in aggregate) or an equivalent degree grade point average (DGPA) in the qualifying examination;
 - (ii) Secured at least 50% aggregate marks or equivalent grade point average taking all the public examinations, i.e. High School, Higher Secondary or equivalent Bachelor's Degree and the concerned postgraduate degree, OR
- (b) Postgraduate under the pattern 10+2+2+2 in 1982 and onwards and secured 60% marks at the qualifying examinations.

II. FACULTY OF COMMERCE

Graduate degree under the pattern of 10+2+2 till 1981 or under the pattern 10+2+3 with M.Com. OR C.A. OR I.C.W.A.I. with other requirements as given under clause I above.

III. FACULTY OF LAW

- (a) Post-graduate degree in law (LL.M.) under 10+2+3+3+2 pattern with 50% marks or under 10+2+2+3+2 pattern (provided graduated prior to 1982) with at least 50% marks, OR
- (b) Postgraduate degree in Law (LL.M.) under 10+2+2+3+2 pattern (graduate in 1982 and onwards) with atleast 60% marks.

IV. FACULTY OF PERFORMING ARTS

- (a) M.Mus. of this University or equivalent examination from any recognized University with 50% marks in theory (including Previous & Final Year examination), OR
- (b) B. Mus. with 50% marks in Theory examinations and Post-graduate degree in any subject, OR
- (c) M. A. in Music with 55% marks in Theory (including Previous & Final year examination), OR
- (d) Postgraduate degree in any subject along with proof of having passed any one of the following examinations obtaining atleast 50% marks in Theory (Music) :
 - (i) Sangeet Visharad Exam. of Bhatkhande Vidyapeeth, Lucknow.
 - (ii) Sangeet Prabhakar Exam. of Prayag Sangeet Samiti, Allahabad.
 - (iii) Sangeet Ratna Exam., M.P. Govt.
 - (iv) Sangeet Visharad Exam. of Shankar Gandharva Vidyalyaya, Gwalior.
 - (v) Sangeet Visharad Exam. of A. B. Gandharva Mahavidyalaya, Bombay.
 - (vi) Sangeet-Vid Exam. of Indira Kala Sangeet Vishwavidyalaya, Khairagarh.
 - (vii) B.Mus. (Prabhakar) Exam. of Rajasthan Sangeet Sansthan, Jaipur. OR
- (e) Bachelor Degree (10+2+3 pattern) from a recognised University without Music along with proof of having passed any one of the following examinations obtaining atleast 50% marks in Theory (Music):
 - (i) Sangeet Praveen Exam. of Prayag Sangeet Samiti, Allahabad.
 - (ii) Sangeet Alankar Exam. of Gandharva Mahavidyalaya, Bombay.
 - (iii) Sangeet Kovid Exam. of Indira Kala Sangeet Vishwavidyalaya, M.P.
 - (iv) Sangeet Nipun Exam. of Bhatkhande Vidyapeeth, Lucknow.

V. FACULTY OF ENGINEERING & TECHNOLOGY

- (a) Master's Degree in Engg. and Technology with 55% marks OR
- (b) Bachelor's Degree in Engg. and Technology with a :
 - (i) Minimum of 65% marks plus two year experience in Research/Industry/Teaching, OR
 - (ii) 75% marks and a position (rank) in TOP TWENTY percent of their class, OR
 - (iii) Sponsored by an Industry having minimum of 5 years of experience in the Industry in a technical capacity, OR
- (c) Master's degree in Science in an allied subject of the concerned department with a minimum of 60% marks in the aggregate.
- (d) Candidates having M.B.B.S. degree can also apply for Ph.D. registration in the School of Bio-Medical Engg. with a minimum of 50% marks plus a minimum of 2 years experience or 2 year's of continuous permanent service as a teacher at any institute / college of Medical Science recognized by the Medical Council of India.

VI. FACULTY OF MEDICINE

- (a) M.D./M.S. in the concerned subject as recognized by MCI.
- (b) M.Sc.(Biochemistry) for registration in Biochemistry.

VII. FACULTY OF AYURVEDA

- (a) M. D.(Ay.) / M. S.(Ay.) either of BHU or recognized by CCIM.
- (b) M.Sc. (Chemistry)/M.Sc. (Biochemistry)/M. Pharm. for registration in Medical Chemistry.

N.B.:

A candidate admitted to, or having qualified for a Degree in, a General Course of study from BHU or any other University/Institution shall be entitled to appear in the Entrance Test for, and admission to, the next higher Course/Degree in that line or to a Professional Course only.

Further, a candidate admitted to, or having qualified for a Degree in, any Professional Course from BHU or any other University/Institution shall be entitled to appear in the Entrance Test for, and admission to, the next higher Course/Degree only in the same professional discipline.

Furthermore, a candidate who is registered for/already awarded doctoral Degree from BHU or any institution in India shall not be entitled to appear in any of the Entrance Tests held for any Course in the University.

IMPORTANT NOTE:

1. Applicants must fully satisfy themselves about fulfilling the eligibility requirements as prescribed above before filling the Application Forms.
2. Persons currently registered in any Ph.D. programme in BHU or any other University, or holding a Ph.D. Degree, are not eligible to apply.

D. DOCUMENTS TO BE ATTACHED WITH THE APPLICATION FORM

The following documents must be attached with the Application Form:

- (i) Attested copies of the Certificates and Marks-sheet of High School, Intermediate/Equivalent examination.
- (ii) Attested copies of the Marks-sheet of Bachelor's and Master's/Equivalent Degrees.
- (iii) NET/GATE qualifying certificate issued by appropriate authority. (For NET/GATE qualified candidates only)
Copies of the Certificates and Marksheets should be attested by the Dean/Head of Department/Head of the Institution last attended/Gazetted Officer/Permanent Teacher of a University.

Application Form not fully documented shall be summarily rejected without assigning any reason whatsoever. No document shall be accepted after the submission of Application Form in the Office of the Controller of Examinations.

If a Candidate has submitted take certificates/documents his application form shall be rejected and **he shall be debarred from appearing in any of the futures Entrance Test of the University.** In case this is detected at any stage of his registration in the Ph.D./Chakrawarty Course, his registration shall be cancelled forthwith and he shall also be debarred from appearing in any of the future Tests of BHU.

E. Ph.D./CHAKRAVARTI DEGREE AVAILABLE UNDER VARIOUS FACULTIES

NO.	FACULTY	DISCIPLINES
1.	ARTS	Arabic, Bengali, Hindi, Kannada, Marathi, Persian, Pali & Buddhist Studies, Sanskrit, Tamil, Telugu, Urdu, Nepali, Ancient Indian History, Culture & Archaeology, History of Art, Geography, Philosophy, Indian Philosophy and Religion, Statistics, Mathematics, Home Science, English, Linguistics, German, French, Chinese, Russian, Library & information Science, Museology and Physical Education.
2.	SOCIAL SCIENCES	Economics, History, Political Science, Sociology and Psychology.
3.	SCIENCE	Physics, Chemistry, Botany, Zoology, Geology, Geography, Maths., Home Science, Statistics, Psychology, Biochemistry, Bio-technology and Geophysics.
4.	COMMERCE	Commerce.
5.	SANSKRIT VIDYA DHARMA VIJNAN	Veda (Rigved, Samved, Shukla Yajurveda, Krishna Yajurved), Vyakaran, Jyotish, Dharma Shastra Mimansa, Sankhyayoga, Sahitya, Jain Darshan, Boudha Darshan, Dharmagama and Vaidic Darshan (Vedant, Sankhya Yoga, Nyaya Vaisheshik, Prachin Nyay, Puranetihas).
6.	LAW	Law.
7.	EDUCATION	Education.
8.	VISUAL ARTS	Applied Arts, Plastic Arts - (a) Pottery & Ceramics, (b) Plastic Arts, Painting - (a) Textile (b) Painting.
9.	PERFORMING ARTS	Vocal Music and Instrumental Music.
10.	MANAGEMENT STUDIES	Management Studies
11.	ENGG. & TECHNOLOGY	Metallurgical Engg. Mining Engg., Chemical Engg., Civil Engg., Ceramic Engg., Electronics Engg., Electrical Engg., Mechanical Engg., Computer Engineering, Pharmaceutics, Applied Chemistry, Applied Maths., Applied Physics, Biomedical Engg., Biochemical Engineering, Materials Technology and Industrial Management.
12.	MEDICINE	Aanesthesiology, Anatomy, Biochemistry, Biophysics, Dental Surgery, ENT, Forensic Medicine, Medicine, Microbiology, Molecular Biology, Obstetrics & Gynecology, Ophthalmology, Otolaryngology, Physiology,

		Pathology, Preventive & Social Medicine, Pharmacology, Pediatrics, Psychiatry, Radiology, Radiotherapy & Radiation Medicine, Surgery, Skin & V.D., T.B. and Chest Diseases.
13	AYURVEDA	Kaya Chikitsa, Dravya Guna, Shalya Shalakyas, Prasuti Tantra, Rasa Shastra, Basic Principles and Medicinal Chemistry, Ayurveda Samhita.

IMPORTANT NOTES:

1. During the current session there will be no registration for Ph.D. in Ayurveda Samhita, Journalism & Mass Communication, Marathi, Museology, Kannada, Tabla, Musicology and Nepali.
2. Registration for Ph.D. in various disciplines in Faculty of Agriculture is done through Research Entrance Test {RET (Agriculture)} held with Undergraduate and Post-Graduate Entrance Tests (UET/PET).

CANDIDATES HAVING PASSED THE QUALIFYING EXAMINATION IN ANY OF THE "ALLIED SUBJECTS" LISTED BELOW CAN ALSO BE CONSIDERED FOR Ph. D./ CHAKRAVARTI REGISTRATION IN THE FOLLOWING DEPARTMENTS.

F. LIST OF ALLIED SUBJECTS FOR REGISTRATION IN DIFFERENT DEPARTMENTS

DEPARTMENT	ALLIED SUBJECTS
FACULTY OF SCIENCE	
1. BOTANY	Life Science, Bio-technology, Biochemistry, Bio-Sciences, Environmental, Sciences, Microbiology, Environmental Biology
2. BIOCHEMISTRY	Biochemistry, Life Science, Chemistry
3. BIO-TECHNOLOGY	Biochemistry, Chemistry, Molecular Biology, Zoology, Botany, Microbiology, Physiology, Pathology, Pharmacology, Applied Chemistry, Biochemical Engg., Bio-medical Engg., Pharmaceutics, Genetics and Plant Breeding, Mycology & Plant Pathology, Horticulture, Agricultural Chemistry, Forestry, Entomology, Agronomy, Dairy Science, Veterinary Sciences, Life Sciences, Biological Sciences, Bio-Sciences, Environmental Sciences, Immunology, Industrial Microbiology, Applied Microbiology, Genetics, Human Biology, Plant Molecular Biology, Molecular biology & Biotechnology, Microbial Biotechnology, Biomedical Sciences, Biophysics, Plant Pathology, Molecular & Human Genetics.
4. CHEMISTRY	Chemical Engineering, Pharmacy, Pharmaceutical Chemistry, Biochemistry, Biotechnology, Industrial Chemistry, Applied Chemistry, Medicinal Chemistry, Environmental Chemistry, Computational Chemistry.
5. COMPUTER SCIENCE	Computer Applications, Computer Engg., Mathematics, Statistics, Physics, Electrical Engg., Electronics Engg., Biomedical Engg., Information Science and Tech., System Science/Engg., Computing Science.
6. GEOLOGY	NO ALLIED SUBJECTS
7. GEOPHYSICS	Physics, Applied Physics, Mathematics, Applied Mathematics, Geology, Applied Geology. <ul style="list-style-type: none"> • Candidates should have also studied Physics & Mathematics for at least two years during B.Sc.
8. GEOGRAPHY	Geology, Environmental Science, Rural Development & Planning.
9. HOME SCIENCES	NO ALLIED SUBJECTS
10. MATHEMATICS	Applied Mathematics, Physics, Applied Physics, Statistics, Geophysics, Computer Science, Computer Application, Civil Engg., Mechanical Engg., Chemical Engg., Electrical Engg., Computer Engg., Industrial Mathematics, Operations Research, Information Science .
11. PHYSICS	NO ALLIED SUBJECTS
12. STATISTICS	NO ALLIED SUBJECTS

13. ZOOLOGY Life Science, Biotechnology, Biochemistry, Molecular Biology, Microbiology, Physiology, Biophysics, Agricultural Zoology/Entomology, Anatomy, Biomedical Engg., Biochemical Engg., Bio-Sciences, Genetics, Fisheries, Anthropology, Human Biology, Fishery Sc., Reproductive Physiology, Immunology, Veterinary Sc., Dairy Sc., Ecology, Environmental Sc., Environmental Biology, Radiation Biology, Entomology, Medical Entomology, Agricultural Zoology & Entomology, Animal Sciences, Marine Biology, Behaviour, Limnology, Bio-Statistics, Molecular & Human Genetics.

FACULTY OF ARTS

1. ANCIENT INDIAN HISTORY, CULTURE & ARCHAEOLOGY History, Sanskrit, Archaeology, Anthropology (Culture), Religion and Philosophy, Pali, Prakrit, History of Art.
2. PHILOGOPHY & RELIGION Religious Studies, Pali and Buddhist Studies, Sanskrit with Philosophy Group at P.G. level, Ancient Indian History with culture where Indian Philosophy is a compulsory paper, Ayurveda with Philosophical Background, Physics & Life Sciences with Philosophical background, Linguistics, The great religion-philosophical traditions of the world (Ancient Indian Learning, Greek Traditions, Chinese Traditions and Semetic Traditions and alike).
3. ENGLISH All the languages/literatures (Indian and Foreign) being taught in languages departments of this University, English literature and Political Science, Sociology, Linguistics.
4. HINDI All Indian Languages, English, Sanskrit, Pali, Philosophy, A.I.H.C. & Arch., Bhasha Vijnan, Linguistics, Sociology, Psychology, Political Science, History, Veda, Vyakaran, Sahitya, Jyotish & Puranetihas.
5. PALI & BUDDHIST STUDIES Pali, Buddhist Studies, Buddha Darshan, Sanskrit, Philosophy & Religion, A.I.H.C. & Arch., Psychology with the background of Pali or Buddhism, Linguistics.
6. ARABIC History of Arabs, Culture of Arabs, Geography of Arabia & Geographers, Islamic History
7. URDU Arabic, Hindi, Journalism, Linguistics, Persian
8. FOREIGN LANGUAGES (NOTE: students qualified in RET in subjects of the Faculty of Arts and Social Sciences excepting Maths, Statistics & Geography may be admitted for the Ph.D. provided they have either prior necessary competence in one of the languages or completed necessary courses as recommended by the D.R.C.).
9. JOURNALISM & MASS COMMUNICATION Hindi, English, Political Science, Sociology, History, Economics, Management, Extension Education in Agricultural Sciences with Degree or P.G. Diploma in Journalism & Mass Communication.
10. GERMAN STUDIES No allied subjects
11. PHYSICAL EDUCATION Exercise Physiology, Sports Psychology, Sports-Biomechanics.
12. BENGALI Sanskrit
13. SANSKRIT Indian Philosophy, Pali, A.I.H.C. & Arch.
14. MUSEOLOGY Museum Science, Art History
15. PERSIAN Arabic
16. HISTORY OF ART A.I.H.C. & Arch., Aesthetics, Museology, M.F.A., History, Sanskrit, Tourism & Travel Management/M.T.A. Arabic, Persian, Philosophy, Hindi
17. INDIAN LANGUAGES Nepali, Kannada, Tamil, Grammer & Linguistics (Descriptive History, Sociolinguistics), Comparative Literature & Literary Criticism, Folkloristics and Cultural Studies, Stylistics, Textual Criticism, Second Language teaching & Translation.
18. LINGUISTICS All languages, Sociology, Psychology, Computer Sciences, Philosophy & Logic

FACULTY OF SOCIAL SCIENCES

1. ECONOMICS Agricultural Economics, Management, Commerce, Statistics and Mathematics.

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| 2. | HISTORY | Political Science, Economics, Sociology, Philosophy & Religion, Women's Studies. |
| 3. | POLITICAL SCIENCE | Defence Studies, Public Administration, International Relations, Law, Peace Studies and Management |
| 4. | PSYCHOLOGY | Pediatrics, Home Science, Psychiatry, Kayachikitsa, Basic Principles, Education, Extension Education, Management, Physical Education, Nursing, Statistics. |
| 5. | SOCIOLOGY | Social Psychology, Preventive & Social Medicine, Social Demography, Sociology of Law, Sociology of Education, Social Statistics, Social & Cultural Anthropology, Social Work. |

FACULTY OF VISUAL ARTS

No Allied Subjects in any of the three Departments, namely, Painting, Plastic Arts, Applied Arts.

FACULTY OF PERFORMING ARTS

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| 1. | INSTRUMENTAL MUSIC
(Sitar, Violin, Flute, Tabla) | Classical Dance (Kathak/Bharatnatyam) and Vocal Music. |
| 2. | VOCAL MUSIC | Instrumental Music. |

FACULTY OF LAW

NO ALLIED SUBJECTS.

FACULTY OF EDUCATION

Psychology, Sociology, Philosophy, Economics, History.

FACULTY OF SANSKRIT VIDYA DHARMA VIJNAN

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| 1. | VAIDIC DARSHAN | <p><u>Vedanta:</u> Sankhyayoga, Nyaya-vaisheshik, Puranetihas, Mimansa, Agam, Vyakaran, Buddha evam Jain Darshan, Philosophy (with Sanskrit).</p> <p><u>Sankhyayoga:</u> Vedanta, Nyaya Vaisheshik, Puranetihas, Buddha Darshan, Jain Darshan, Agam, Jyotish, Ayurveda, Sanskrit (Philosophy group), Philosophy (with Sanskrit).</p> <p><u>Nyaya-vaisheshik:</u> Vedanta, Sankhyayoga, Buddha Darshan, Jain Darshan, Mimansa, Puranetihas, Vyakaran, Agam, Philosophy (with Sanskrit).</p> <p><u>Puranetihas:</u> Vedanta, Sankhyayoga, Nyaya-Vaisheshik, Veda, Jyotish, Dharma Shastra, Agam, A.I.H.C. (with Sanskrit).</p> |
| 2. | VYAKARAN | Veda, Sahitya, Nyaya, Vedanta, Sankhyayoga, Puranetihas, Buddha Darshan, Mimansa, Agam, Bhasha-Vijnan. |
| 3. | JYOTISH | Puran, Dharmashastra, Krishi-Vijnan, Mausam-Vijnan Astro Physics. |
| 4. | DHARMA SHASTRA
MIMANSA | <p><u>Mimansa:</u> Dharmashastra, Veda, Vyakaran, Vedanta, Nyaya Vaisheshik, Buddha Darshan, Jain Darshan, Agam, Sanskrit (Philosophy group), Philosophy with Sanskrit.</p> <p><u>Dharmashastra:</u> Mimansa, Veda, Jyotish, Vyakaran, Puranetihas, Sahitya, Sanskrit.</p> |
| 5. | DHARMAGAM | <p><u>Vaidic Dharma:</u> (under Veda Dept.) Itihas and Puran, Vedanta, Sankhyayoga, Nyaya Vaisheshik (under Vaidic Darshan Department).</p> <p><u>Buddha Tantra:</u> Jain Tantra (under Buddha & Jain Darshan Department).</p> <p><u>Vyakaranagam:</u> (Vyakaran Darshan under Vyakaran Department).</p> <p><u>Mimansa Darshan:</u> (under Dharmashastra & Mimansa Department).</p> |
| 6. | SAHITYA | Philosophy, Vyakaran and Dharmagam. |

7. JAIN BAUDDHA DARSHAN **Jain Darshan:** Prakrit Bhasha evam Sahitya, Jain Vidya, Sanskrit Bhasha evam Sahitya, Indian Philosophy & Religion, Sthapatya Murti Chitra Kalayen etc., Indian History & Culture, Buddha Vidya, Dharm evam Darshan, Pali Bhasha evam Sahitya, Jain Tantra, Bauddha Tantra.
Bauddha Darshan: Pali Bhasha & Sahitya, Buddha Vidya, Sanskrit Bhasha & Sahitya, Indian Philosophy & Religion, Sthapatya Murti Chitra Kalayen, Indian History and Culture, Jain Vidya, Jain Dharm evam Darshan, Prakrit Bhasha evam Sahitya, Bauddha Tantra, Jain Tantra and Tibbati, Chinese, Japanese, Nepali, Thai Bauddha Vidya.
8. VEDA Vyakaran, Vaidic Darshan (Vedanta), Agam, Dharma Shastra, Mimansa, Puran, Karmakand, Sankhyayoga, Ancient History and Culture.

FACULTY OF COMMERCE

CS, CA & ICWA (After graduation), M.A. (Economics), MBA, M.A. (Sociology)/MSW, M.A. (Psychology), M.A./M.Sc. in Statistics, LL.M., Home Science, Agricultural Economics.

FACULTY OF MANAGEMENT STUDIES

No allied subjects. However candidates having MBM/MMS/MBA/MIBA of BHU and MBA/MIB from Indian Universities approved by the AICTE and 2 years Post-graduate Diploma in Management from 6 IIMS, XLRI (Jamshedpur), MDI (Gurgaon), IMT (Ghaziabad), IIFT (New Delhi), IMI (New Delhi) and IGNOU (New Delhi) shall be considered eligible for appearing in the RET Management.

FACULTY OF ENGG. & TECHNOLOGY

1. APPLIED PHYSICS Physics, Geophysics, Material Science & Technology, Electronics Engg., Electrical Engg., Ceramic Engg., Met. Engg., Biophysics, Mathematics and Applied Mathematics
2. APPLIED MATHEMATICS Mathematics, Statistics, Computer Science, all branches of Engg. & Tech.
3. APPLIED CHEMISTRY Chemistry, Applied Chemistry, Environmental Science, Medical Chemistry, Soil Chemistry, all branches of Engg.
4. MINING ENGG. Geology
5. CIVIL ENGG. No allied subject
6. BIOMEDICAL ENGG. Chemistry, Biochemistry, Zoology, Botany, Physics, Applied Mathematics, Mechanical Engg., Electrical Engg. Electronics Engg. Civil Engg. Chemical Engg. Computer Engg., Computer Science, Materials Science and Technology, Modern Medicine.
7. ELECTRONICS ENGG. Physics, Applied Physics, Electrical Engg., Materials Science and Technology, Biotechnology, Mathematics, Applied Mathematics, Computer Science & Engg.
8. MATERIALS SCIENCE & TECHNOLOGY Computer Engg., Ceramic Engg., Chemical Engg., Civil Engg., Electrical Engg., Electronics Engg., Mechanical Engg., Met. Engg. Mining Engg., Applied Physics, Applied Chemistry, Physics, Chemistry, Geology, Dentistry, Orthopaedics, E.N.T., Rasa Shastra.
9. CERAMIC ENGG. Any branch of Engg., Materials Science & Technology, Physics, Applied Physics, Chemistry, Applied Chemistry, Modern Medicine, Indian Medicine, Geology (with Mathematics at B.Sc. level), candidates from the Faculties of Modern Medicine and Indian Medicine would be considered for registration only in the research areas related to Bio-Ceramics.
10. METALLURGICAL ENGG. Ceramic Engg., Chemical Engg., Civil Engg., Computer Engg., Electrical Engg., Electronics Engg., Mechanical Engg., Mining Engg., Materials Science & Technology, Applied Chemistry, Applied Physics, Chemistry, Geology, Geophysics and Physics.
11. MECHANICAL ENGG. Any branch of Engg., Industrial Management.

12. PHARMACEUTICS Chemistry, Zoology (Biochemistry specialisation), Botany, Biotechnology, Biochemistry, Pharmacology, Microbiology, Medicinal Chemistry, Biochemistry, Dentistry, Medicine, Ophthalmology, Mycology and Plant Pathology, Biochemical Engg., Biomedical Engg., Computer Engg.
13. ELECTRICAL ENGG. Electronics Engg., Computer Science, Computer Engg. For registration to Ph.D. in Systems Engg. any Branch of Engg.
14. CHEMICAL ENGG. All branches of Chemical Technology and Allied Technology, M.Sc. Chemistry/ Applied Chemistry, Environmental Sc., Industrial Chemistry (subject to clearance of five Chem. Engg. Courses during 1st year).
15. COMPUTER ENGG. Computer Sc., Electrical Engg., Electronics Engg., M.Tech. (Computer Applications), MCA with B.Sc. (Math. group), M.Sc. (Math., Physics and Statistics).
16. BIOCHEMICAL ENGG. All branches of Engg. & Technology, Pharmaceutics, M.Sc. Biotechnology, M.Sc. (Biochemistry, Chemistry, Life Sc., Microbiology, Environ. Sc., Botany & Zoology), M.Sc. (Ag.) with specialisation in Genetics, Plant Tissue Culture, Dairy & Food, Plant Pathology.

INSTITUTE OF MEDICAL SCIENCES

1. BIOPHYSICS Biomedical Engg., Biochemistry, Biotechnology, Botany, Physiology, Physics, Zoology
2. T.B. & CHEST DISEASES Anatomy, Physiology, Pharmacology, Pathology, Microbiology, P.S.M., Radiology, Radiotherapy, General Medicine, General Surgery, Orthopaedics, Paediatrics, Obstetrics & Gynaecology.
3. FORENSIC MEDICINE Sociology, Psychology, Social Work, Criminology, Forensic Medicine, Microbiology, Chemistry, Botany, Pharmacy, M.D./M.S. in Anatomy, Pathology, Psychiatry, Pharmacology, Biochemistry, M.B.B.S.
4. MEDICINE Zoology, Biochemistry, Biotechnology, Home Science (Dietetics, clinical nutrition), Psychology (with clinical Psychology as special paper), Physical Education, Pharmaceutics, Orthopaedics, Pharmacology, Pathology (Clinical Immunity, Haematology), Microbiology, Chest & T.B., Skin & V.D. and Leprology, Kaya Chikitsa, Dravyaguna.
5. OTOLARYNGOLOG Y (E.N.T.) Neuro-Surgery, Ophthalmology (Eye), Plastic Surgery, Cardiothoracic Surgery, Paediatric Surgery.
6. PATHOLOGY Zoology, Chemistry, Biochemistry, Life Science, Biotechnology, Microbiology, M.B.B.S., Bachelor of Medicine and Surgery in Ayurveda, Homoeopathy, Unani Medicine.
7. PSYCHIATRY Clinical Psychology, Psychology with Clinical Psychology.
8. PHYSIOLOGY All subjects of Modern Medicine, Ayurvedic Medicine and Life Sciences, All subjects related to Life Sciences such as Chemistry, Pharmaceutics, Biotechnology and Environmental Science.
9. ANATOMY Zoology, Veterinary Science, MD/MS in Ayurveda.
10. ORTHOPAEDICS Anatomy, Surgery, Plastic Surgery, Neuro Surgery.
11. DENTISTRY Medicine
12. BIOCHEMISTRY Biochemistry of Science Stream.
13. PHARMACOLOGY Zoology, Biochemistry, Psychology, Pharmaceutical Chemistry, Physiology.
14. PREVENTIVE & SOCIAL MEDICINE (P.S.M.) Home Science (Extension Education or Food & Nutrition), Statistics, Sociology, Population Studies.
15. MOLECULAR BIOLOGY Any PG degree in Agricultural Sciences, Medical Sciences, Biochemical Engg., Biochemistry, Biological Sciences, Biomedical Engg., Bio-Sciences, Biotechnology, Botany, Chemistry, Life Sciences, Physics, Zoology.
16. MICROBIOLOGY M.Sc. in Microbiology Life Sc., Botany, Zoology, Biochemistry, Molecular Biology, Biotechnology, Molecular Biology and Technology, Agricultural Microbiology, M.B.B.S.

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| 17. BASIC PRINCIPLES | A.I.H.C. & Arch., Art & Architecture, Sanskrit, Philosophy, Indian Philosophy & Religion, Psychology, Sociology, Biomedical Engg., Chemistry, Biochemistry, Biotechnology, Zoology, Mathematics, Botany, Statistics, Home Science, Physiology, Psychiatry, Paediatrics, P.S.M., Neurology, Biochemistry, Prasuti Tantra, Bala Roga, Kayachikitsa, Rasa Shastra, Biotechnology, Bio-medical Engg., Ayurveda Samhita |
| 18. AYURVEDA SAMHITA | A.I.H.C. & Arch., Philosophy, Sanskrit, Sociology, Psychology, Kayachikitsa, Prasuti Tantra, Dravyaguna, Basic Principles. |
| 19. PRASUTI – TANTRA | Kayachikitsa, Shalya Shalkya, Basic Principles, Dravyaguna, Rasa Shastra, Ayurveda Samhita, Obstetrics & Gynecology, P.S.M., Paediatrics and Neonatology, Sociology, Psychology, Jyotish, Chemistry, Home Science. |
| 20. DRAVYAGUNA | All the specialties under Ayurveda, all departments in Instt. of Ag. Sciences, Dentistry, Physiology, Pharmacology, Pathology, Biochemistry, Radiotherapy & Radiation Medicine, Radiology, E.N.T., Ophthalmology, PSM, Pediatrics, Surgery, Botany, Home Science, Sanskrit, Pharmaceutical Science, Zoology, Center of Experimental Surgery, A.I.H.C. & Arch. |
| 21. RASA SHASTRA | Pharmaceutics, Home Science, Sanskrit, Chemistry, Geology, Geography, History, Philosophy, Social Sciences. |
| 22. MEDICINAL CHEMISTRY | Chemistry, Biochemistry, Pharmaceutical Chemistry. |
| 23. SHALYA SHALAKYA | All specialties in Faculty of Ayurveda, General Surgery, Orthopaedics, Surgery, Pediatrics Surgery, Dental Surgery, Urology, Ophthalmology, E.N.T., Pharmacology, Biochemistry, Anesthesiology, Botany, Zoology, Chemistry, Sociology, Pharmaceutics, Sanskrit. |
| 24. KAYACHIKITSA | Kayachikitsa (Chikitsa)- Vikriti Vigyan, Manasa Roga Vigyan, Pancha Karma, Kaumarabhritya, Swasthavritta, Dravyaguna, Rasa Shastra, Jyotish, Medicine and its specialties, P.S.M., Veterinary Medicine, Home Science, Medicinal Chemistry, Biochemistry, Social Work.
<u>Vikriti Vigyan</u> : Kayachikitsa (Chikitsa), Biochemistry, Pathology, Radiology, Microbiology, Astrology.
<u>Manasa Roga Vigyan</u> : Kayachikitsa (Chikitsa), Swasthavritta & Yoga, Astrology, Psychology, Psychiatry, Sociology, Philosophy, P.S.M., Biostatistics.
<u>Panch Karma</u> : Kayachikitsa (Chikitsa), Manasa Roga, Physical Medicine and Rehabilitation, Physical Education, Medicine, Veterinary Medicine, Radiation Medicine, P.S.M. |

G. REGISTRATION

Mere fulfilling the minimum eligibility requirements shall not entitle any candidate for Registration to Ph.D./Chakravarty. Information to the candidates regarding Registration will be sent by Registered Post by the respective departments. Selection for registration to Ph.D./Chakravarty shall be made out of the RET listed/exempted candidates by the respective DRCs adopting the methodology of aptitude test, interview, merit of the Academic Record or any such other procedure approved by the Academic Council.

No Candidate shall be considered for registration for Ph.D./Chakravarty if he fails to submit all the required certificates in original at the time of counselling and interview by the concerned DRC.

H. REGISTRATION OF FOREIGN NATIONALS

Applications of Foreign Nationals nominated by the Govt. of India under scholarship scheme or self-financing Foreign Nationals shall be entertained for registration to the degree of Ph.D./Chakravarty. *They shall be exempted from appearing in RET provided they have passed the equivalent qualifying* examination within the country of their origin or any other country other than India.*

(A) 15% Supernumerary seats or a minimum of one seat (whichever applicable) in each subject shall be available provided they fulfill the following conditions: -

- (i) That the applications of scholarship holding Foreign Nationals (Under various schemes) are routed through Indian Council for Cultural Relations/ Ministry of Human Resource Development (Deptt. of Education), Govt. of India, New Delhi.

- (ii) That the applications of Self-financing Foreign Nationals for General Courses, along with bio-data with a copy of proposed Ph.D. project will be submitted in the office of the Registrar (Academic) for issuance of an Affiliation Certificate for approval of the Ph.D. project from the Ministry of H.R.D., Govt. of India.
 - (iii) That they hold a valid foreign passport.
 - (iv) That they fulfil the minimum eligibility requirements.
 - (v) That they have valid Research Visa for the prescribed duration of the concerned course.
 - (vi) That the antecedents of the candidate have been verified by the forwarding Agencies/Ministry and found in order.
 - (vii) That they have adequate knowledge of English and/or Hindi as per requirements of the Course.
 - (viii) That the Degree/Certificates* of the candidates have been approved by the Association of Indian Universities (AIU) as equivalent to the corresponding Indian Degrees/Certificates.
- (B) Since candidates under Supernumerary quota shall be from different foreign nationalities, the *inter-se* merit as decided by the DRC of the Department concerned shall be deemed as final.

** Only the Degrees/Certificates recognized and approved by AIU shall be deemed as equivalent degrees.*

FEE FOR THE FOREIGN NATIONALS:

Fee fixed for and to be realised from the Government nominated and self-financing candidates shall be in US Dollars (\$) only, which shall be decided by the University from time to time.

I. DISPUTE

In case of any dispute relating to the registration for Ph.D./Chakravarty, the decision of the DRC shall be final. An appeal may lie to the Vice-Chancellor, BHU against such decision. In no case any candidate shall take recourse to the court of law directly.

In case of any legal litigation relating to the registration for Ph.D./Chakravarty, the court of Varanasi and the High Court of judicature of Allahabad shall only have the jurisdiction.
