

ANNUAL QUALITY ASSURANCE REPORT (AQAR)**FOR THE YEAR 2010-11****1. Details of the Institution**

BANARAS HINDU UNIVERSITY
VARANASI-221005
UTTAR PRADESH

Institution web-site: www.bhu.ac.in

IQAC email: iqac.bhu@gmail.com

Name of the IQAC Co-ordinator:

For the period of report Prof. Lallan Misra, Dept. of Chemistry was IQAC Coordinator.

2. Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	86.05	2006	2011

3. Date of Establishment of IQAC :

05/06/2007

4. Institutional Status

University	CENTRAL UNIVERSITY
Affiliated College	NO
Constituent College	YES
Autonomous college of UGC	NO
Regulatory Agency approved Institution (eg. AICTE, BCI, MCI, PCI, NCI)	YES
Type of institution	CO-EDUCATIONAL/URBAN
Financial Status	Grant-in-aid from UGC + Self financing
Type of Faculty /Programme	ARTS, SCIENCE, COMMERCE, LAW, EDUCATION, MANAGEMENT, MEDICINE, AYURVEDA, AGRICULTURE, VISUAL ARTS, PERFORMING ARTS, SANSKRIT VIDYA DHARM VIGNAN, SOCIAL SCIENCE

The Banaras Hindu University (BHU), founded by Mahamana Pandit Madan Mohan Malaviyaji in 1916, is one of the most prestigious Central Universities in the country. An autonomous institution of distinction having the Hon'ble President of India as its Visitor. BHU is the largest residential University in Asia. Being a living embodiment of such visionaries as Mahamana Malaviyaji, Dr. Annie Besant and Dr. S. Radhakrishnan, this seat of learning epitomizes a synthesis of ancient wisdom and modern scientific temper. The holistic model of education, conceived and enriched by its illustrious founder, offers refreshingly new perspectives to young minds and nurtures and facilitates their creative talent.

The picturesque main campus of BHU is spread over 1300 acres of land with its majestic buildings of monumental architectural design, sprawling lush green fields and canopies of magnificent avenues, bearing testimony to the ingenuity and foresight of the founder. The Rajiv Gandhi South Campus of BHU, spread over 2600 acres of land, is located at Barkachha (district Mirzapur) about 80 km from the main campus.

BHU has successfully equipped itself to meet the challenges of present day education – creating a complete system of knowledge production, processing and dissemination. The University has become a fully wired campus with a highly elaborate internet network ramifying through all Departments, Laboratories and students hostels, efficiently maintained by the Computer Centre. A Central Library having more than a million volumes functions alongwith a chain of Departmental library systems. The University museum of national importance 'Bharat Kala Bhavan' is a treasure-trove of rare art and artifacts. It attracts visitors from all over the world and helps in teaching and research in the subjects like Musiology, History of Arts and Ancient Indian History Culture & Archaeology.

The University provides a very healthy and conducive environment for co-curricular activities and for the all round development of students. It has a large number of Play Grounds, Indoor and Outdoor Stadia, gymnasium, Air/Naval/Infantry wings of NCC, Mountaineering Centre and Hobby Centre. The University Information and Guidance Bureau and Training and Placement Cell in various Faculties help students in the placement for jobs.

Activities Reflecting the Goals and Objectives

The recommendations of the IQAC were circulated amongst the Directors of the Institutes, Deans of the Faculties, Principal MMV and Heads of the Departments for prompt follow up action. The current status of action taken on goals and targets assigned by the IQAC in its referred to meeting on various aspects are summarized below:

a) Curricular Aspects:

- 1) The semester system on Choice Based Credit System, to be extended of limited choice was in implementation in various Faculties at PG Level and in the Faculties of Agriculture, Engineering & Technology and Science at the UG Level also. As

suggested by the IQAC, action for introduction of semester system and choice based credit system was to be taken by the Faculties where it could not be done.

- 2) To acquaint with the faculty members with the aforesaid concept, a one day workshop on Choice Based Credit System, Credit transfer, Students mobility and related subject was organized in the University on 24th January, 2010 which was participated in by all the stake holders responsible for curriculum development in the University. The said workshop was organized under the aegis of NUPEA, a deemed University of MHRD, Govt. of India and by involving experts from IIT Delhi and other Universities which have had the experience of implementing the system in the past.
- 3) Based on the action plan formulated in the aforesaid workshop, meetings of the Board of Studies and Faculties were convened for shifting the Annual system of course curriculum to semester system for implementation w.e.f. academic session 2010-11. The recommendations of the Faculties, on the subject, were considered and approved by the Academic Council of the University in its meeting held on 30th June' 10.
- 4) In line with the recommendations of the IQAC on bringing reasonable uniformity in the courses/ programmes of the University, a Normalising Committee was constituted to normalize the ordinances across programmes to bring parity, clarity and other features as warranted from a true Choice Based Credit System and to the extent feasible at that stage.
- 5) After under going the aforesaid exercise and after approval of the Academic Council and Executive Council, the semester system clubbed with limited choice, as could be provided at this stage, has been implemented from the academic session 2010-11 in all the programmes run across the Faculties barring the three medical Faculties in the Institute of Medical Sciences where the course/curriculum transactions are controlled by their respective regulatory bodies, such as, MCT, DCI and CCIM.
- 6) In line with the recommendations of the IQAC, the concerned Board of Studies/ Faculty, while undergoing the aforesaid exercise, ensured that the courses contents are adequately revamped, updated practical exposure components such as field survey and projects are introduced and contemporary continuous evaluation tools brought in. It also ensured that, as far as practicable at this stage, the students of a programme are given an opportunity of registering for a course run by other natural affinity department/ faculty to enlarge the scope of inter-disciplinarity in a programme.
- 7) Under the support from Department of Bio-Technology, Govt. of India an Inter-disciplinary School of Life Sciences has been created in collaboration of various life Science departments of the Faculty of Science.
- 8) Under the support from the Department of Science and Technology, Govt. of India, a Centre for Interdisciplinary studies in Mathematical Sciences has been instituted in the Faculty of Science that works by collaborating the expertise of the Mathematical and Physical Sciences departments of the University.
- 9) Under the support from the UGC XI-Plan an Institute of Environment and Sustainable Development has been created as a single Faculty Institute, to start with, for the studies and research in the field of environment and sustainable development by collating the expertise available in the University, on the subject.

- 10) To encourage participation of experts drawn from industry/ research institutions as also for enhancing the inter-disciplinary concept, the University has formulated a policy of appointment of adjunct faculties in the departments who could be drawn from Industries and other institutions of research for enriching the academic programmes offered by the various faculties. The scheme is being extensively used by the Faculties.
- 11) To further strengthen the area of providing industrial practical exposure to the students of various interdisciplinary programmes, some of the faculties have introduced open elective courses, over and above the minimum credit requirement for the award of degree that would be primarily run by inviting experts from the Industries and other institutions. Such course would be carrying one credit and would be transacted in a condensed manner, so that, valuable time of resource persons could be saved.
- 12) The Ph.D. Ordinances of the University has been revamped to facilitate/accommodate enrollment of persons holding senior managements positions in prestigious institutions, Research Organizations, Industries and Govt. seeking enrollment in the Doctoral programmes of the University as a part time research scholar. The idea is to expose our students to their rich experience by sharing their practical exposure and application of knowledge in the management and research of their organizations, during their residency period in the campus.
- 13) In the effort to give impetus to programmes/courses having potential of providing employability to the pass outs (by combining various disciplines), it was suggested by the IQAC that autonomy of operation of such programmes needs to be further expanded. Accordingly, the guidelines on operation of Special Courses of Study have been revamped to extend greater autonomy to the stake holders involved as also to streamline the existing procedures.
- 14) The Faculty of Engineering & Technology conducts 5-year Integrated Dual Degree and Integrated Master Degree programme, which, however, does not have in between exit option. The Faculties of Social Sciences and Performing Arts have introduced conjoined M.Phil. and Ph.D. Programmes in Subaltern Studies and Musicology, respectively. Both the courses have an exit option after the M.Phil. Programme. The Faculty of Science conducts three year M. Tech. Programmes in Environmental Science & Technology, Geophysics, Petroleum Geo-Sciences. The Interdisciplinary School of Life Sciences has proposed introduction of Integrated M.Sc. – Ph.D. programme with the provision of exit option to the Students after they earn/acquire requisite number of credits required for M.Sc. Programme. Few Advanced level diploma courses have been introduced which have the exit option at certificate and diploma levels.
- 15) As stated earlier, the aspect of redundancy /replications in the UG and PG Programmes have been largely taken care of at the time of customizing the course curriculum suiting the needs of semester system/choice based credit system.
- 16) While revamping the curricula for shift to semester system the need and scope of introduction of field training, extension activities project, industrial exposure, internship etc. were assessed and wherever found suitable have been introduced in large number of programmes .
- 17) Soft skills such as communication skills, leadership skills, personality development etc. have been taken up as components of central training facility under the aegis of

the Office of the Dean of Students. Regular training programmes on said subjects have been conceptualized and planned for the students centrally. In addition, the Faculty of Arts has made registration of soft skill courses mandatory for its UG students. A compulsory English language and computer application course has been made compulsory in the Faculty of Sanskrit Vidya Dharma Vigyan. Language courses have been included as a compulsory component in the UG programmes run by the Faculties of Arts and Social Sciences.

- 18) Nearly, 33 number of Diploma/Certificate programmes have been introduced which are aimed at career orientation of its pass outs.
- 19) As regards credit sharing/ transfer in between Universities, the University has suggested to the MHRD/ UGC for initiating an effort at the Central level so that a common system is evolved amongst the Central Universities to start with. The experience of credit sharing within the faculties of the University could be used to further the aim of credit sharing/ transfer amongst Universities.

b) Teaching, Learning and Evaluation:

- 1) Several interdisciplinary, multidisciplinary and trans-disciplinary courses/programmes, suiting to the needs of the market and without compromising on academic standards, have been started.
- 2) The curriculum has been oriented to have focus on seminars, peer teaching, project work, field oriented exercises. With reduction in the programme credit requirement, the students are being encouraged for self-learning.
- 3) Remedial teaching/coaching for the slow-learners from the weaker socio-economic groups is being organized.
- 4) The Office of the Dean of Students have been entrusted with the responsibility of creating central facility to prepare/expose the students to skills which are essential for competing in various examinations for employment and research fellowship awards. Significant work has already been done for creation of necessary infrastructure to handle this aspect.
- 5) With the introduction of semester system in all UG/ PG programmes, the faculties have introduced semester based academic calendars. The Ordinances of respective programmes uniformly provide for continuous and transparent evaluation system that permits the examinees to look at their answer books after evaluation and seek redressal in case of genuine disagreement.
- 6) As already stated in action taken report on curricular aspects, various mechanisms have been built in, in certain programmes, to encourage participation of industry/national laboratories in the course transaction.
- 7) The University is encouraging the Departments/ faculties to invite guest speakers from other Institutions/ Industry to enrich the knowledge base of students through sharing of ideas and good practices.
- 8) As recommended by the IQAC, a scheme for having "Teaching Assistants" to supplement the teaching by faculty members has been formulated. The Policy and Planning Committee of the Departments have been entrusted the task of identifying

meritorious research scholars to devote upto 03 hours per week for class room teaching and 7 hours per week for other academic works of the department as Teaching Assistant to specific faculty members.

c) Research, Consultancy and Extension

- 1) The University Research Fellowship is available to all the research scholars registered in the Ph.D. and M.Phil. programme through Common Research Entrance Test (CRET). The duration of fellowship for the Ph.D. scholars is four years.
- 2) The provision of seed money for the new / promising faculty members as research support was in place in some of the Faculties. However, as an institutional policy, a provision for the purpose has been made in the XI Plan block grant received by the University from the UGC.
- 3) To encourage consultancy services in the University and incentive based consultancy scheme has been implemented in some of the Faculties that have scope for consultancy assignment.
- 4) The University-Industry Liaison Centre is functioning in the Institute of Technology for organizing / facilitating consultancy works using the expertise of the faculty. Informal Cells, in other faculties, are functional on similar lines.
- 5) The Department Research Committees have been sensitized to allot such research topics to the research scholars which have contemporary relevance.
- 6) The University, through a high power Committee constituted under the Chairmanship of Rector, has identified areas of strength as thrust areas for research and expansion. Project proposals have been submitted to the UGC for consideration under its scheme on 'University with Potential for Excellence (UPE)' and 'Centre for Potential for excellence in a Particular Area (CPEPA) for consideration of funding. Each faculty member is being encouraged to make conscious effort for designing a project proposal for submission to the external funding agencies, preferably in the identified areas of strength.
- 7) In order to promote inter-disciplinary research, the Ordinances governing registration of Ph.D. Scholars have been made more flexible. In order to keep the research topics their contemporary relevance, enrolment of scholars from research institutions, industry and government are being encouraged. More and more prestigious non-degree awarding research institutions are being made part of university's scheme of identifying them as Centre of Research, as provided in the Ph.D. Ordinances.
- 8) The project fund guidelines have been streamlined to provide greater autonomy to the PI/Co-PI and for providing to them some incentive for undertaking externally funded research projects.
- 9) An online account keeping system needs is being attempted which can be used by the PIs to monitor the expenditure status in a project.

d) Infrastructure and Learning Resources:

- 1) The work entrusted to the Committee constituted for office automation has significantly progressed. The solution requirement study conducted by the Faculty of Management Studies is nearly completion. The presentation of vendors having experience of implementing ERP in educational setup is already over. The University's team has visited the installation sites for assessment of strength of the software from the short-listed vendors. It is expected that the bidding process would commence shortly.
- 2) Under the non-recurring grant received from the UGC for expansion of infrastructure to accommodate OBC reservation, additional hostel capacity to the tune of nearly 5000 students is being created. The construction of hostels is in full swing and additional capacity is expected to be available prior to the commencement of Academic Session 2011-12.
- 3) Under the XI Plan block grant received from the UGC, additional residential capacity for the faculty is being created to attract and retain them.
- 4) The University, in the past 4 years, has taken up major renovation effort of the old buildings under the one-time support from the UGC. Most of the renovation work under the said grant is already over. Necessary broadening of roads and other repair works are also going in full swing from other funding support.
- 5) Significant investment has gone into augmentation of power supply infrastructure. With the overhaul of existing sub-stations and erection of new sub-stations and 132 KV Sub-station on the BHU Campus, power situation has significantly improved.
- 6) The current bandwidth availability in the University is around 100 mbps. With the increase of students due to OBC intake, it is planned to further augment it.

e) Student Support and Progression:

- 1) Remedial coaching for helping the poor students is being organized to prepare them for Civil Services and UGC-NET examinations. Simultaneously, the office of the Dean of Students has been entrusted the task of conducting programmes in personality development, communicative English, stress management, etc. to prepare the students handling other competitive examinations leading to their employment.
- 2) Efforts are on to estimate the current value of old endowment awards which have lost their significance. The idea is to pool their current corpus value for a viable student support scheme. Independent of that, the "Earn While Learn Scheme" is in-operation in the University, which provides an opportunity to the poor students earn and support themselves during their stay on the campus by working in some of the areas of the University functioning.
- 3) A central '**BHU-Placement Coordination Cell**' has been constituted with its satellite Cells at the Institute/Faculty level. The terms of reference of the said cell *inter alia* include assistance to students in career planning, developing their potential to match the functional requirement of the corporate world, providing job opportunities etc.
- 4) Provision of funds as Travel grants to partially support the research scholars invited to present their papers abroad has been made. The scheme is to be further enlarged.
- 5) The campus is being made barrier free to make its buildings accessible to the

physically challenged. All new buildings under construction have the provision of ramps and necessary additions in the old ones are being made in the phased manner.

- 6) For addressing the grievances of students, Student Grievances Committee has been constituted that comprises of the Students' Council representatives and Student Advisors of certain faculties.

f) Organisation and management:

- 1) A high power Committee of the University is studying the need and scope of providing autonomy to the institutes, faculties and departments.
- 2) For the efficient management of the University, work of the group constituted to institute e-governance systems has significantly progressed. The solution requirement study conducted by the Faculty of Management Studies is nearly completion. The presentation of vendors having experience of implementing ERP in educational setup is already over. The University's team has visited the installation sites for assessment of strength of the software from the short-listed vendors. It is expected that the bidding process would commence shortly.
- 3) To bring in efficiency in administrative processes, several measures have been initiated. These include weeding of obsolete records, developing tools to monitor disposal of priority items, dak management system to monitor pendency etc.

VII. Other Actions

- 1) The University has framed and published its quality policy which is adequately publicized on the BHU website, newsletters, etc.. It provides the vision and mission of the University together with institution of a quality assurance framework. It also provides a base frame scaled performance indicators to each quality parameter under a full fledged quality enhancement plan together with improvement of existing systems, procedures and practices to make them suitable for achievement of quality in performance.
- 2) IQAC has been created at the Department and Faculty level which are responsible for working on quality initiatives and implementation of University IQAC's recommendation.
- 3) The BHU News letter publishes regularly about the new initiatives and benchmark achievements made by the Faculty members, departments and other constituent units of the University.
- 4) The university has adopted the UGC Regulations on appointment and promotion of teachers. The said guidelines provide for student assessment of teachers and measurable quality output parameters on which career progression of teachers would depend.

Highlights of academic session 2010-11

BHU ranked First

According to the *India Today* - Nielsen Survey published in *India Today* (May 31, 2010), BHU was ranked as the First amongst all Indian Universities. This coveted recognition was based on rigorous analysis of following six parameters: Reputation, Quality of Academic Input, Quality of Faculty, Research Publications/Reports/Projects, Infrastructure, and Placement opportunities. Continuous endeavors have been made to improve the range and quality of teaching and research at BHU. During the previous session (2009-10), a 10 year survey published in the prestigious Journal *Current Science* had placed BHU as the first among top 25 Indian Universities for publishing maximum number of research papers in indexed journals.

Academic Achievements

The faculty members have excelled in promoting high quality academic environment. During the period 2010-11, more than 4000 publications (details given in Annexure II) emanated from BHU; these include 2949 Research Papers (International Journals 1475; National Journals 1474).

Research Projects

During the year, 93 new research projects with total grants exceeding 2067 lakhs were sanctioned. Simultaneously 488 ongoing projects were continued. Most of the major funding agencies of the country have provided research support.

Honours/Awards/Recognitions

Academic contributions of BHU teachers have been variously recognized. Several teachers have been elected Fellows of reputed Academies (e.g. Indian Academy of Sciences, National Academy of Sciences, National Academy of Agricultural Sciences). Fellowship/ Associateship were awarded to several teachers to undertake advanced research abroad (e.g. Alexander von Humbolt Fellowship, Germany; Boycast).

Conferences

In order to assess developments in various subject areas and to provide opportunities for academic interaction, many Departments/Faculties organized academic meets which were well attended by outstation participants. In all 117 Conferences were organized at BHU during the session 2010-11.

Convocation

Convocation of various Institutes/Faculties as a part of the 93rd Convocation of the University was organized on 12th March, 2011. Hon'ble M. Hamid Ansari, Vice-President of India addressed the Convocation as the Chief Guest.

During the year under review, 4576 Undergraduates and 2726 Post-graduates were awarded their respective degrees and 363 candidates were awarded Ph.D. degrees.

Training Programmes

The following training programmes were successfully organised by the University during **2010-11**:

1. Lecture on RTI by Shri Shailesh Gandhi, Information Commissioner, Central Information Commission, New Delhi on 3.4.2010.
2. Workshop on "Right to Information Act, 2005" conducted by ISTM, New Delhi, in two batches, 30 participants each, at Academic Staff College, BHU on 8 -9 April, 2010.
3. Training of 868 non-matriculate Group 'D' employees in three batches on 4-6 July, 10-12 July, and 18-20 July, 2010 for their upgradation for admissibility of PB-I in the VI Central Pay Commission, in collaboration with Academic Staff College, BHU.
4. Computer Training programme at Computer Centre, BHU for 20 employees of the Central Registry from 18th January to 3rd February, 2011.

In addition to the above, non-teaching employees were regularly deputed to ISTM, New Delhi to attend training programmes in various areas such as, RTI, Records Management, Establishment Rules, Purchase Procedures, MACPS, Pay Fixation, etc.

Academics

The new academic session started on Monday the 28th June, 2010 and 12,192 new students (male 8477, female 3715) were enrolled in various UG and PG courses. The faculty-wise breakup of male and female students enrolled in various UG/ PG/ Ph.D. courses is given as under:

SI. No.	Name of the Faculties/College	Male	Female	Total
1	Faculty of Agricultural Sciences	432	113	545
2	Fac. of Engineering & Technology	1081	144	1225
3	Faculty of Medicine	209	140	349
4	Faculty of Ayurveda	103	81	184
5	Faculty of Dental Sciences	21	26	47
6	Faculty of Arts	2139	632	2771
7	Faculty of Commerce	508	237	745
8	Faculty of Education	549	153	702
9	Faculty of Law	418	104	522
10	Faculty of Mgt. Studies	146	32	178
11	Faculty of Performing Arts	231	200	431
12	Faculty of Science	1520	605	2125
13	Faculty of Social Sciences	907	302	1209
14	Faculty of SVDV	83	14	97
15	Faculty of Visual Arts	130	73	203
16	MahilaMahavidyalaya	0	859	859
	TOTAL	8477	3715	12192

During the period, 436 new foreign students (male 307, female 129) were admitted in various courses.

3. Innovations in curricular design and transaction:

- a) The University campus has an extensive Local Area Network (LAN). Even the hostels of the University have a mini-computer lab of 04 PCs in each hostel connected to the network. Nearly 100 mbps of bandwidth connectivity is available across University. Therefore, the teachers are equipped with resources to tap the web resources and make it available to the students. The facility is being extensively used. Besides, the students as part of self-study can make use of the rich resources made available to them through the network.
- b) For the visually disabled students, talking books/ resource material has been developed by the Central Library.
- c) The faculties have undertaken externally funded research projects for development of e-material to be hosted on the server for easy teaching-learning.
- d) The curricula is being regularly updated and revamped with inputs on fresh reading material, resource material to provide contemporary exposure to the students.
- e) Most of the programmes extensively deploy guest speakers to enrich the experience of the students.
- f) The Department of Library and Information Sciences has included paid internship as optional component of its M.Lib. programme.
- g) For certain Diploma and PG level courses, the Central Library and Bharat Kala Bhawan are used as laboratories to give the students a true experience of hands on training.
- h) The Faculties of Visual and Performing Arts have included exhibitions and weekly concerts, respectively, as activity based compulsory courses for their various UG/PG programmes.
- i) In several programmes, project report/ dissertation/ industry visit have been made a compulsory component of the programme.
- j) Industry experts enrolled as part-time research scholars are required to deliver open house seminars to evidence their progress as also to conduct condensed one-credit open elective courses for the UG/PG students of the university.
- k) The Faculty of Law organises Moot Court for their LLB students.

4. Inter-disciplinary programmes started:

During the past 04 years, the University has instituted 33 inter-disciplinary programmes, at various levels.

5. Examination reforms implemented:

The admission to all the programmes of the University is through a national level entrance test. With the shift to the semester system, the University has completely adopted continuous evaluation process. The Ordinances of respective programmes uniformly provide for continuous and transparent evaluation system that permits the examinees to look at their answer books after evaluation and seek redressal in case of genuine disagreement. With the system in place, the procedure for revaluation has now been discontinued. Necessary measures were taken to prevent delays in declaration of results resulting in 100% on-time performance.

6. Candidates qualified: NET/SLET/GATE etc. : 452.

7. Initiative towards faculty development programme:

Following efforts have been made under the faculty development programme:

- a) Seed money for setting up research facility.
- b) Funding for organising workshops/ conference/ seminars
- c) Funding for participation in national and international workshops/ conference/ seminars.
- d) Encouragement to attend refresher/ orientation programmes organised by the Academic Staff Colleges
- e) Encouragement for submitting externally funded projects. An incentive driven project handling guidelines.
- f) Incentive driven consultancy rules.

8. Total number of seminars/workshops conducted:

National: 113

International: 22

9. Research projects:

The list of new Research projects sanctioned during 2010-11 by various funding agencies is placed below.

New Research Projects sanctioned (2010-11)

Funding Agency	No. of Projects	Amount Sanctioned
Faculty/Deptt.	No. of Projects	Amount Sanctioned

UNIVERSITY GRANTS COMMISSION		
Faculty of Agriculture		
Extension Education	1	7,67,800.00
Faculty of Arts		
English	1	4,44,000.00
Urdu	1	6,82,200.00
Faculty of Engineering & Technology		
Mechanical Engineering	1	8,53,200.00
Faculty of Science		
Chemistry	2	7,59,000.00
Botany	3	27,91,400.00
Physics	2	10,03,800.00
Zoology	3	25,38,100.00
Faculty of SVDV		
Dharmagam	1	7,31,200.00
Jyotish	1	5,66,200.00
DEPARTMENT OF SCIENCE & TECHNOLOGY		
Faculty of Agriculture		
Myco.& Plant Path.	2	41,66,500.00
Gen.& Plant Breeding	1	89,35,000.00
Faculty of Engineering & Technology		
Chemical Engineering & Technology	2	43,37,280.00
Faculty of Medicine		
Surgery	1	31,39,000.00
Microbiology	1	29,30,000.00
Faculty of Science		
Zoology	9	3,09,16,150.00
School of Biotechnology	3	89,05,000.00
Botany	4	1,64,30,800.00
Chemistry	2	45,21,000.00
Centre for Gen. Disorders	1	23,54,800.00
Physics	2	48,66,000.00
Mathematics	1	15,59,200.00
Mol. & Human Genetics	1	20,62,000.00
COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH		
Faculty of Agriculture		
Gen.& Plant Breeding	1	17,15,501.00
Faculty of Engineering & Technology		
Mining Engineering	1	10,88,000.00
Faculty of Science		
Zoology	3	49,74,000.00
Computer Science	1	9,99,000.00
Chemistry	2	26,59,749.00
Geology	1	11,73,000.00
Physics	1	9,73,000.00
COUNCIL OF SCIENCE & TECHNOLOGY (UP)		
Faculty of Agriculture		
A.H. & Dairying	1	14,76,640.00
Soil Science & Agricultural Chemistry	1	4,48,000.00

Funding Agency	No. of Projects	Amount Sanctioned
Faculty/Deptt.	No. of Projects	Amount Sanctioned

Horticulture	3	32,53,000.00
Gen.& Plant Breeding	2	73,00,000.00
Myco.& Plant Path.	3	96,55,000.00
Faculty of Science		
Botany	1	6,96,000.00
Biochemistry	1	4,48,000.00
INDIAN COUNCIL OF AGRICULTURAL SCIENCES		
Faculty of Agriculture		
Soil Science & Agricultural Chemistry	1	88,000.00
FOREIGN AGENCY		
Faculty of Agriculture		
Genetics & Plant Breeding	1	1,35,990.00
Faculty of Science		
Botany	1	2,56,883.00
Biochemistry	1	29,09,568.00
MINISTRY OF DEFENCE		
Faculty of Engineering & Technology		
School of Biochemical Engineering	1	14,90,000.00
Electronics Engineering	1	11,16,000.00
Faculty of Science		
Physics	1	46,00,000.00
Chemistry	2	33,37,800.00
PRIVATE AGENCY		
Faculty of Engineering & Technology		
Electrical Engineering	1	19,53,000.00
Faculty of Science		
Physics	1	70,16,000.00
INDIAN COUNCIL OF MEDICAL RESEARCH		
Faculty of Medicine		
Endocrinology & Metabolism	1	11,99,880.00
Surgery	1	9,79,452.00
Biochemistry	1	42,88,320.00
GOVERNMENT OF INDIA		
Faculty of Medicine		
Pharmacology	1	21,78,550.00
DEPARTMENT OF ATOMIC ENERGY		
Faculty of Science		
Zoology	2	29,65,450.00
Physics	1	1,94,71,200.00
INDIAN SPACE RESEARCH ORGANIZATION		
Faculty of Science		
Physics	1	7,42,900.00
WORLD HEALTH ORGANIZATION		
Faculty of Science		
Statistics	1	46,95,744.00
INDIAN COUNCIL SOCIAL SCIENCE RESEARCH		
Faculty of Social Science		
Psychology	2	8,19,500.00
Economics	1	5,22,450.00
Political Science	1	5,26,750.00

10. Patents generated, if any: 31

Name of the Department	Report
INSTITUTE OF AGRICULTURAL SCIENCES	
Mycology & Plant Pathology :	One "A process for producing – Reusable granular formulation of Trichoderma" (dated 21 April, 2009) patent : No. 236382
Faculty of Engineering & Technology	
Computer Engineering	24
INSTITUTE OF MEDICAL SCIENCES	
Faculty of Medicine	
Bio-Chemistry	Patent application No. #2416/DEL/2008 dated 23.10.2008
FACULTY OF SCIENCE	
Botany	<p>Following three formulations, which are blend of three essential oils of higher plants, have been patented by the Technology Information Forecasting and Assessment Council of DST. The formulation protects the food commodities (Gram & Wheat) by insect and fungal infestation.</p> <p>1. No. 2596/DEL/2006-Novel composition for controlling storage pests.</p> <p>2. No. 2587/DEL/2006- Novel composition for controlling Mycotoxin production.</p> <p>3. No. 2587/DEL/2006- Novel composition for controlling Fungal deterioration of food commodities.</p>

12. Research grants received from various agencies:

The University received a total of Rs.**27,08,92,464.00** as research grant for undertaking externally funded research projects during the year 2010-11.

13. Details of research scholars (as on 31.03.2010):

Sl.No.	Name of the Faculty	No. of Research Scholars on roll
1.	Arts	720
2.	Science	892
3.	Commerce	116
4.	Management Studies	40
5.	Education	77
6.	Engineering & Technology	411
7.	Medicine	88
8.	Agriculture	212
9.	Social Sciences	342
10.	Law	113
11.	Ayurveda	101

12.	Performing Arts	48
13.	Visual Arts	44
14.	Sanskrit Vidya Dharm Vigyan Sankay	78
15.	Dental Sciences	-
	Total	3282

15. Honours/Awards to the faculty:

Award & Awarding Body	Recipient & Department
Best Research Paper, Indian Society of Agronomy, IARI, New Delhi	Prof. Kalyan Singh Deptt. of Agronomy
Young Scientist Award (Bioved Res. Instt. Ag. & Technol., Allahabad), XIII Indian Agricultural Scientists and Farmers' Congress (Feb.19-20, 2011)	Dr. Jyoti Pandey (PDF) Deptt. of Genetics and Plant Breeding
Best Paper Award at Natl. Conf. on Recent Trends and Future prosp. In Floriculture, Indian Society of Ornamental Horticulture, IARI, New Delhi	Prof. A.K. Singh Deptt. of Horticulture
Young Scientist Award, Society for Plant Research (2009)	Dr. B.K. Sarma Deptt. of Mycology and Plant Pathology
Young Scientist Award, Natl. Conf. Unraveling Multiple facets of boil. Control in natl. purview : Trends, challenges and societal implications (Oct. 26-27,2010) at BHU	Dr. B.K. Sarma Deptt. of Mycology and Plant Pathology
Rajiv Gandhi Vidya Shiromani Award, International Institute of Education & Management, New Delhi	Prof. B. Bose Deptt. of Plant Physiology
Prof. Y.S Murty Medal award , Indian Botanical Society	Dr. Padmanabh Dwivedi Deptt. of Plant Physiology
Shiksha Rattan Puruskar, India International Friendship Society, New Delhi	Dr. Padmanabh Dwivedi Deptt. of Plant Physiology
Gadinad Dhvani Rajya Prasasthi, Aug 10, Kerala & Karnataka Govt.	Dr. S.R. Sonni, Deptt. of Vocal
Glory of India Gold Medal, Nov. 2010, ISSA, New Delhi	Dr. S.R. Sonni, Deptt. of Vocal
Indira Gandhi Women Achiever Award, Nov .2010, India International Association, New Delhi	Dr. S.R. Sonni, Deptt. of Vocal
(i) Anne Maurer Cechini Award 2010, Switzerland (ii) S. Nath Memorial Award, IMA	Prof. Shyam Sunder Deptt. of General Medicine
Prof. K.P. Puthuraya Award for best teacher in APPI-CON-2010, Wardha	Prof. P Jain Deptt. of Plastic Surgery
The Global Health Travel Award, Bill and Melinda Trust	Prof. R.S. Dubey Deptt. of Biochemistry
(i) Prof. R.N. Tandon Memorial Lecture Award (NASI, Allahabad). National Academy of Sciences, India (Allahabad). (ii) Prof. S.B. Saxena Medal, INSA, New Delhi	Prof. L. C. Rai Deptt. of Botany

Shiksha Rattan Puruskar, India International Friendship Society, New Delhi	Prof. S. K. Singh Deptt. of Zoology
Innovation Leadership Award, DNA & Starts of Industry Group, Mumbai	Prof. S.K. Singh Head & Dean FMS, BHU received the Award for the Faculty
(i) Selected for award of "Top 100 Educators of the World -2010", International Biographical Centre (IBC), Cambridge, England (ii) 2010 Publication Scholarship Award (Second Prize), IT - BHU, Global Alumni Association.	Dr. Rajeev Srivastava, Associate Professor Deptt. of Computer Engineering
Best Paper Award BTAS -2010, Washington, USA	Dr. Sanjay Kumar Singh, Associate Professor Deptt. of Computer Engineering
Leading Scientists of the World -2010 IBC, Cambridge	Dr. A.K. Sharma Deptt. of Electronics Engineering
MRSI Medal 2010 by Materials Research Society of India	Prof. R.K. Mandal Deptt. of Metallurgical Engineering
Eminent Materials Engineer Award by Institution of Engineers (IEI), Kolkata (2010)	Prof. N.K. Mukhopadhyay Deptt. of Metallurgical Engineering
(i) 2011 IT-BHU Publication Award under 1 st Prize category for the faculty, IT- BHU Global Alumni Association, USA (ii) Co-author for best poster award, National Seminar on Application of Nanotechnology in Drug Delivery System, March 11-12, 2011, Sikkim	Dr. B. Mishra, Professor & Head Deptt. of Pharmaceutics
(i) 2011 IT-BHU Publication Award under 1 st Prize category for the faculty, IT – BHU Global Alumni Association, USA (ii) IDMA Award for Best Research Paper, IDMA, Mumbai (iii) Co-author for best Paper Award, RAPS, BHU 2010	Dr. Sanjay Singh, Professor Deptt. of Pharmaceutics
St. John's Pharmacy College Award for Best Paper published in Pharmaceutical Analysis, APTI, Bangalore	Dr. S.K. Srivastava, Professor Deptt. of Pharmaceutics
MRSI Medal, Materials Research Society of India	Prof. Rajiv Prakash School of Materials Science and Technology
Professor M. Santappa Silver Jubilee Award, Society for Polymer Science, India	Prof. Pralay Maiti School of Materials Science and Technology
Indira Gandhi Prize for Popularization of Science- 2011 (Science Communications), Indian National Science Academy (INSA)	Prof. B.N. Dwivedi Deptt. of Applied Physics
Saraswati Shree Puskara Rs.51,000/-, Kailasha Matha Nasik	Prof. S.K. Mishra Deptt. of Sanskrit

16. Internal resources generated:

The University generated Rs.13.46 crores as internal receipt during the financial year 2009-10.

17. Details of departments getting SAP, COSIST (ASSIST)/DST, FIST, etc. assistance/recognition:

List of the Departments getting SAP	
1.	Mining Engineering (CAS-III)
2.	Zoology (CAS-IV)

3.	Metallurgical Engineering (CAS-IV)
4.	Electronics Engineering (CAS-III)
5.	Chemical Engineering (CAS-II)
6.	Physics (CAS-IV)
7.	Chemistry (DSA-III), upgraded to CAS-I
8.	Geology (DSA-III)
9.	AIHC & Arch. (DSA-III)
10.	Civil Engineering (DRS-I)
11.	Management Studies (DRS-I)
12.	Materials Science & Technology (DRS-I)
13.	Mathematics (DRS-II)
14.	Biotechnology (DRS-II)
15.	Botany (CAS)
16.	Philosophy & Religion (CAS)

18. Community services:

The University renders the Community Services through field trips, workshops, community meets, Department of Preventive & Social Medicine, Rural and Urban Health Centres, Centre for Women's Study and Development, NSS, Department of Agricultural Extension Education, Krishi Vigyan Kendra etc.

Every year the N.S.S. organizes a number of special camps in the adopted villages and slums of the city. Following types of Programmes are undertaken during the camps.

- (a) Adopted village and slums areas of city are visited by students of concerned faculties/colleges and their lanes and areas around ponds are cleaned by the students, specially wells, ponds and Ghats of Ganges, etc.
- (b) A Special camps of AIDS awareness/water conservation and communal harmony Rallies are organized by MMV, BKM, VKM, Arya Mahila College, DAV Degree College, Science, Social Sciences and Faculty of Arts.
- (c) Girls campers teach village women cutting and sewing of cloths and doing embroidery in off hours. They also explain to the women the benefits of family planning, importance of child care hygiene and environmental sanitations.
- (d) Socio economic survey is carried out in the adopted villages by the campers.
- (e) Education, Health, sanitation awareness and other several programmes are undertaken on the campus itself.

Apart from the above, various departments of the Institutes/Faculties are carried out following Community Services during the period under report:

- The **Institute of Agricultural Sciences** organized several training programmes for farmers and

agricultural officers. Especially, Women farmers of Mirzapur and Sonbhadra district trained for the formation of SHG and nutritional garden. Farmers training were organized in their villages under NAIP component. Resource person in training programme of farmers coming extension department through ATMA programme by the Department of Agricultural Economics.

Women farmers of Purnima District trained for management and utilization of kitchen waste. Farmers training were organized in their villages about the use of Bioagent and good agricultural practices by the Department of Mycology & Plant Pathology.

- **Department of Journalism & Mass Communication:** Involved in Tikari & Tarapur villages: Publish Gram Varta for Village community and conducted two workshop in villages and GGIC (1) Water Resource, Conservation and Communication Supported by NCSTC, DST (2) Prevention of Breast Cancer.
- **Department of Urdu:** Department makes all efforts in our awakening and enlightening masses in general and specially are those who are below poverty line and live in remote areas and still not aware of the need of the education and its importance in life.
- Some of the Departments in the **Institute of Technology** renders Consultancy and testing services for near by industry.
- The **Civil Engineering department** imparts and education professional and intellectual experience that enable diverse body of students, alumni faculty and staff to contribute to society through teaching, research practices and service. Such activities of mine include special lecturers, Live Demonstration, Key note address expert lecturers and other forms of deliberations using different media and through various important plate forms like Central Water Commission, UP Jal Nigam & Sansthan, International Arya Pratinidhi Sabha, Society for prevention of cruelty to animals, BHU alumni association.
- The **Mahila Maha Vidyalaya** provides village training to women during practical classes of extension.

The **Institute of Medical Sciences** has providing the following Community Services:

Forty-four Departments of IMS, BHU are implementing the drug trials of famous pharmaceutical companies.

Cardio Thoracic Surgery: Organized Health Education Programme for the Community

Forensic Medicine: Renders consultancy services to CB/CID, SIB, Police, Judiciary on complicated Medico-legal cases.

Nephrology: (i) Implementing a Joint Project with the Industry on Nephro protective effect of certain herbal drugs. (ii) organized Awareness Programmes in the filed of Nephrology, through Medical Health Education Camps. It is also running patient support programme for the benefit of poor patients. The Department regularly organizes Hepatitis Vaccination Programmes.

Gastroenterology: Information, education and communication (IEC) activities started at department level regarding various common ailments. Faculty delivered radio and TV programmes for general awareness.

Plastics Surgery: Regular operative camps organized at Hindalco, Renukoot and Nehru Hospital, Singrauli, M.P.

Urology: Department conducted Urological Camp at Nehru Hospital Singaruali every year.

General Surgery: We have been providing out reach services of assisting in campus organized by the

philanthropic society of the city.

Ophthalmology: Actively participates in School screening programme and community eye check up.

Community Medicine: Services are being provided by 3 Health Centres viz. Rural Health Training Centre, Chiraigawan, Urban Health Centre, Sundarpur and Community Health Centre, Tikri to above 30,000 of population.

Otorhinolaryngology (ENT): ENT Health camps for benefit for patients.

Pediatrics: The Department deliver guest lecture, participate in the Community Health Services in Schools and Rural Areas, mass awareness programmes, blood donation camps etc. on request by the organizing agencies.

Dermatology & Venereology: Held Charitable rural camps at Ghazipur and Chanduli

Surgical Oncology: Awareness about ill effect of tobacco in Schools and Community. Writing in Popular Press & TV programme.

Psychiatry: The department organizes regular mental illness awareness and health aging camps in the community in Varanasi.

Public rally was taking out to spread awareness of depression & setup a doctor public partnership with respect to community orientation and empowerment towards mental health.

Microbiology: HIV/AIDS awareness campaign

Faculty of Science

Home Science: Department of Home Sciences is actively engaged for the social activities, department has adopted few villages in Mirzapur, Chanduli etc.

Zoology: Graduate students from other Universities and Colleges have been provided research training, free of cost.

Faculty of S.V.D.V.

Vaidic Darshan: As Vice-Chairman Geeta Samiti and as Coordinator Geeta Samiti two Faculty members are doing community services.

Faculty of Education: Annual organization of week long programme on Cleanliness health awareness, environmental awareness under working with community.

Faculty of Management Studies: Under the SAP a social club SEVARTH of Management students was formed.

Mahila Maha Vidyalaya: Few villages are adopted by Home Science

19. Teachers and Officers newly recruited (during 2009-10):

Direct Appointment of Teachers		
S.No.	Designation	No. of Appointments
1.	Professor	1
2.	Reader/Associate Professor	3
3.	Lecturer/Assistant Professor	27
Appointments of Non-Teacher (Group – A)		
1.	Officers	2

20. Teaching-Non-teaching staff ratio:

Sanctioned Post Teachers: 2395

Non-Teaching : 5116

Teaching-Non Teaching Ratio: 1 : 2.2

21. LIBRARY

The Banaras Hindu University Library, one of the largest university libraries in the country, had its germ seed in a small but precious collection donated in the memory of Late Justice Kashinath Trimbak Telang by his son Prof. P.K. Telang and housed in the Telang Hall of the Central Hindu College, Kamachha. It is one of the largest University Library Systems in the country. The Banaras Hindu University with 15 faculties comprising 130 subject departments and 4 Interdisciplinary Schools has a library system with the Central Library at the apex, three Institute Libraries, namely, Institute of Agricultural Sciences, Institute of Technology, and Institute of Medical Sciences, 8 Faculty Libraries, 25 Departmental Libraries.

The Central Library has been a Depository Library for publications of the United Nations and its agencies. After the scheme of depositing (free of cost) ceased in 1973, the library continued to obtain U.N. publications by way of depository library subscription scheme and select purchases. BHU Library is a part of UGC-INFONET and INDEST Consortia for e-journals subscription. BHU is having access to above 6000 full-text online journals and databases.

BHU library is the only university library in India which has access facility to the Web of Science and Journals Citations Report. Under the INFLIBNET Programme, Banaras Hindu University Library has been recognized as Document Delivery Centre along with the five libraries of the country, to provide electronic delivery of documents to ensure speedy and quick delivery of documents to the outside users and to encourage and facilitate the resource sharing Central Library has been recognized as a Manuscript conservation Centre (MCC) by National Mission for Manuscripts, Ministry of Culture, Govt. of India.

STATISTICAL STATEMENT

1. Books and Periodicals

Total number of books and periodicals (bound volumes) at the beginning of the year 2010-2011	10,61,878
Total number of books added during the year 2010-2011	16,52
Number of periodicals(print version) added during the year 2010-2011	

(i) Print version	Nil
(ii) E-books databases with total no. of book	20268
Number of Journals Citations available through Web of Science	16,600
Number of volumes accessioned	16522
Number of current periodicals received (1st January to 31st December 2010)	
(a) Subscribed (Hard Copy)	732
(b) Subscribed Online Journals	2,619
(c) Free (Irregular)	976
(d) Free online journals	6,000
Number of volumes bound	731
2. Technical (English)	
Number of books processed	6,017
Number of bound volumes of periodicals processed	2,085
Number of theses	560
Rebound Books	744
(A) Technical (Hindi)	
Number of books processed	15,000
Number of bound volumes of periodicals processed	200
Number of theses	Nil
Rebound Books	3000
3. Services	
A. Working hours	
(a) Weekdays	9.00 a.m. to 8.00 p.m.
(b) Sundays and holidays	10.00 a.m. to 5.00 p.m.
(c) Number of days library opened	359
B. Membership and Circulation of Books	
(a) Membership	
(1) Students	13,700
(2) Staff (as on 31-3-2011)	4,849
(b) Circulation of books (Issue)	
(1) Students	66,059
(2) Staff	9,091
(3) Sectional Library	12,087
C. Reference Section	
a) Registration of Outsider	
i) Number of outsider registered	800
ii) Total Registration fees received	42,120
b) Readers Consultation	
i) Number of reference books consulted	16,155

ii) Number of quarries and correspondence 10,770

D. Text Books Section

Number of volumes consulted 33,061

E. Stacks

(a) Number of volumes served (Books & Periodicals) 2,58,359

(b) Number of volumes replaced (Books & Periodicals) 2,95,365

F. Periodicals Section

(a) Number of readers served 62,845

(b) Number of issues of journals, magazines and dailies consulted 75,460

G. U.N. & Government Publications Section

(a) Number of readers served 380

(b) Number of documents consulted 736

(c) Number of documents added (including mimeographed) 95

H. Manuscripts Section

(a) Number of readers served 579

(b) Number of documents consulted 982

(c) Number of Rare Documents Digitized 54

I. Reprographic Unit

Number of pages photocopied (Including official) 2,95,912

J. Computer and Network Services Division

(a) Data Sheets preparation 5,901

(b) Data Entry in 3500

(c) Delnet Services 18

(d) Material received from Delnet 13

K. Internet facilities

(a) Number of readers served 13,097

(b) Number of printout provided 10,684

L. Theses Section

(a) Number of readers served 15,203

(b) Number of thesis consulted 15,617

M. Online Services

(a) Full text online 6600

(b) On line data bases 11

23. Courses in which student assessment of teachers is introduced and the action taken on student feedback:

Some of the faculties, like Faculty of Science have already started taking feed back from the students to enhance the present quality of teaching in the class rooms. However, steps are being taken to institutionalise the system after approval from Academic Council and Executive Council.

24. Unit cost of education:

The unit cost of education depends on several factors based on which it may vary amongst faculties. However, taking the maintenance grant into account and total student population of the University, it would be around Rs. 2.2 lacs per year per student.

25. Computerization of administration and the process of admissions and examination results, issue of certificates:

- a) Efforts to computerise administrative process has been initiated.
- b) The pre-entrance test processes, evaluation of answer sheets, declaration of entrance test results, admission, collection of admission fee are totally computerised.
- c) The tabulation registers are computer generated.
- d) The marks sheet and degrees are also computer generated.

26. Increase in the infrastructural facilities:

The UGC has sanctioned a grant of Rs.4,455.00 lakhs towards construction of Building under XI-Plan Grant and Rs.274.00 crores under OBC Expansion plan. The details are:

- o Under the non-recurring grant received from the UGC for expansion of infrastructure to accommodate OBC reservation, additional hostel capacity to the tune of nearly 5000 students is being created. The construction of hostels is in full swing and additional capacity is expected to be available prior to the commencement of Academic Session 2011-12.
- o Under the XI Plan block grant received from the UGC, additional residential capacity for the faculty is being created to attract and retain them.
- o The University, in the past 4 years, has taken up major renovation effort of the old buildings under the one-time support from the UGC. Most of the renovation work under the said grant is already over. Necessary broadening of roads and other repair works are also going in full swing from other funding support.
- o Significant investment has gone into augmentation of power supply infrastructure. With the overhaul of existing sub-stations and erection of new sub-stations and 132 KV Sub-station on the BHU Campus, power situation has significantly improved.

27. Technology upgradation:

Sl.No.	Department	Report
1.	Agricultural Economics	: Teaching with power point, virtual lab and we are in process of buying interactive board.
2.	Entomology & Agricultural Zoology	: Teaching with power point, virtual lab e-courses.
3.	Extension Education	: Harnessing potentials of ICTs in teaching, research and extension.
4.	Horticulture	: LCD and power point presentation has been introduced

		by Faculty members for teaching.	
5..	Mycology & Plant Pathology	: Teaching with power point, virtual lab e-courses.	
Faculty of Arts			
1.	History of Arts	Purchased software worth Rs. 1.04 lakh to teach students the computer reservation system. Department & Class Rooms are connected with Wi-fi-Internet. Class Room equipped with LCD & Internet.	
2.	Library & Information Science	Computer with latest configuration	
3.	German Studies	Procured teaching aides such as LCD TV, LCT Projector, CD Player etc.	
4.	Journalism & Mass Communication	Internet networking and wi-fi completed.	
Faculty of Engineering & Technology			
1.	Metallurgical Engineering	Most teachers take their classes using the multimedia facilities.	
2.	Mechanical Engineering	State of arts Electronics universal testing Machine 80 lakh.	
3.	Computer Engineering	One New laboratory in Robotics opened. One large server ALTRIX – 32 instituted	
4.	School of Material Sciences & Technology	No any in the last year.	
5.	Bio-Medical Engineering	Functionally graded composite developed by one of the Faculty is being utilized by defense is missile programme.	
6.	Pharmaceutics	Computer facility to every faculty member and laboratories with 24 hours internet facility. Procurement of new sophisticated equipment like CHNS analyzer, computer controlled stereotaxic apparatus etc. is under process. Intercom facility to the individual faculty chamber and laboratories is provided by the university level project.	
7.	Civil Engineering	The OHP and audio systems have been made available in lecturer theatre. LCD Projector has been fixed in seminar Hall for the power point presentation and the facility is available in all lecture theatres as per requirement. Lap top have been provided to all faculty member.	
8.	Ceramic Engineering	Equipement	Model/Make
		X-ray diffractrometer	ID 3000 Rich Seifert, Germany
		Simultaneous DTA/TGA	STA 409 Germany
		DTA/TGA/DSC	Labsys SETARAM France
		Sputter Coating Unit	Hummer 6.2, LADD

			Research, USA
		Surfes Tension/Contact Angle Measurement	DSA-10 Germany
		FTIR Spectrometer	Varian 1000, USA
		UV-visible Spectrophotometer	SL-164, Elico, India
		Reflection Microscope	MPS-30, Germany
		Reflection/Polarizing Transmission Microscope	Zeiss, Germany
		Universal Testing Machine	AGS-D Series, Japan
		Micro Hardness Tester	HMV-2000 Japan
		Grinding & Polishing	Buehler, USA
		Vibro Energy Mill	Germany
		ISOMET Low Speed Saw	USA
		Centrifugal Ball Mill	Germany

INSTITUTE OF MEDICAL SCIENCES

Faculty of Medicine

1.	Gastroenterology	Teaching, research and administrative technology being continuously upgraded.
2.	Plastics Surgery	CARL ZEILL OPERATING MICSCROSCOPE WITH CAMERA AND RECORDING DIVICE Complete Maxillofacial surgery set. Micromotor, Lighted retractors of various shapes and validities Development of full furnished new plastic surgery wings consist three consultant chambers a seminar room, office, library, and experimental laboratory. New wiring done for internet access and provided in all consultant rooms, office and seminar rooms.
3.	Urology	Laser services are process of induction in the Department.
4.	General Surgery	Ultrasound Scanner BPL, Laparoscopic instrument, RF ablation, Diathermy machine, GI Colonoscope, Gastroduodenoscope, Electromechanical OT table, Celon Power system (RAF), C-Arm systems, CPS-II Antibody, Ligasure and CCTV.
5.	Ophthalmology	New Gadgets like Phaco machine (stellaris), green laser (nibek) Fluorescein Angiography (Carl Zeiss) accrues for vitrectomy, etc. have been added to perform recent investigative and surgical procedures.
6.	Pediatrics	With the procurement of ventilators, pulse oximeters, patient care vital sign monitor etc. the quality of teaching and patient care services have been satisfactory enhanced.
7.	Psychiatry	Internet, FAX machine, increasing number of Computer,

		TV and frequent use of the audio video facility in the seminar room.
8.	Microbiology	Automated Blood Culture system.
9.	Anatomy	TEM facility through DBT project.
Faculty of Dental Sciences		
	Dental Sciences	By purchasing equipment of advanced technologies.
Faculty of Social Sciences		
1.	History	Technology up gradation.
2.	Malaviya Centre for Peace Research	Smart class room is being installed. LCD Projector and LCD TV. Centre has its own website.
Faculty of Science		
1.	Home Science	Up-gradation is going on.
2.	Zoology	A new advance version of Scanning Electron Microscope has been added and each been used by the Research Scholars.
3.	Geography	SPSS software by the department and GPS and total station under DRS-1 programme.
Faculty of Visual Arts		
1.	Visual Arts	Given in the Departmental report.
Faculty of Education		
1.	Education	Dedicated internet lease line to Chamber and Classrooms.
Faculty of Commerce		
1.	Commerce	Computer lab is in progress.
Faculty of Management Studies		
1.	Management Studies	Wifi enabled premises and hostel: Multimedia based teaching.
Mahila Maha Vidyalaya		
1.	MMV	1. Lab equipment worth of Rs.80 lakh. 2. Teaching is also done by LCD projection.

28. Computer and internet access and training to teachers and students:

The University campus has an extensive Local Area Network (LAN) with nearly 400 kms of wiring. Almost all the units are wired and connected to servers of Computer centre and central Library. Even the hostels of the University have a mini-computer lab of 04 PCs in each hostel connected to the network. Nearly 100 mbps of bandwidth connectivity is available across University. Therefore, the teachers and students are equipped with resources to tap the web resources and make it available to the students. The facility is being extensively used. Besides, the students as part of self-study can make use of the rich resources made available to them through the network.

29. Financial aid to students:

Besides offering various scholarships/fellowships to the meritorious and needy students from University's own resources as well as various other funding agencies, following other students welfare activities were also undertaken:

- 21 blind students and 22 physically challenged students were given free meal for 7 months w.e.f. 2nd Oct. 2009 to 30th April 2010.
- Tricycles were given to 22 handicapped students.
- Under Anna Dan Yojana of Shri Vishwanath mandir, 60 students were given free meal.
- A number of students were provided free medical aid (unforeseen situation) during the session 2009-10.
- 75 financially weak students were provided with financial assistance @ Rs. 2000/- per student.
- 17 Research Scholars were provided help to the tune of Rs. 8000/- to attend various conferences overseas.
- Cash award of Rs. 4000/- and Rs. 3000/- were given to 1st and 2nd rank holders respectively of all UG and PG students of the University.

30. Support from the Alumni Association and its activities:

The Alumni Cell, BHU was constituted by the orders of the Hon'ble Vice-Chancellor in February, 2006 to take up all those activities which will cement Alumni-Alma interactions. This includes the preparation and updating of Alumni database, publication of works on and by Mahamana, organization of national, international and regional level Alumni Meets and the publication of the bilingual BHU Alumni Newsletter.

Alumni Meet 2009

'National BHU Alumni Meet 2009' was organized on January 29-30 bringing together former students from Varanasi and surrounding areas. A Seminar on the theme 'Mahamana's Vision for a Self Reliant India: Current Issues and Future Prospects' was organized as a part of this meet. The galaxy of distinguished guests included a cross section of academics, administrators, technocrats, entrepreneurs, jurists and other professionals Shri Giridhar Malaviya (former Hon'ble Justice, Allahabad High Court and the grandson of Mahamana), Shri S.K. Tiwari (former Hon'ble Justice, Calcutta High Court), Prof. R.B. Singh (formerly Member, National Commission on Farmers) Dr. R.L.S. Yadava (former D.G.P., Chattisgarh), Shri S.N. Dhandharia (former G.M., Coal India Ltd.), Shri P.R. Merh (former Director, SAIL), Prof. C.D. Singh (Vice-Chancellor, Indira Gandhi National Tribal University, Amarkantak), Maj. Gen. (Retd.). S.N. Mukerjee (Vice-Chancellor, Laxmi Bai National University of Physical Education, Gwalior), Prof. (Ms.) Kamal Singh (Vice-Chancellor, Sant Gadge Baba Amravati University, Amaravati), Prof. (Mrs.) S. Chooramani Gopal (Vice-Chancellor, CSM Medical University, Lucknow), Prof. L. Chaturvedi (Vice-Chancellor, Pt. Ravishankar Shukla University, Raipur), Prof. S.K. Kak (Vice-Chancellor, CCS University, Meerut), and others. In his presidential address, Prof. D.P. Singh, Vice-Chancellor, BHU shared his vision for the future progress of the University.

The Distinguished Alumnus Awards of the 'National BHU Alumni Meet 2009' were conferred on Prof. R. Sambasiva Rao (Special Director General, DGHS, Ministry of Health & Family Welfare), Dr. Hemlata Swarup (former, Vice-Chancellor, Kanpur University), Prof. C. Jyotishi (Vice-Chancellor,

Raja Man Singh Tomar Music and Arts University, Gwalior), Dr. S.K. Sharma (Advisor, Ayurveda, Dept. of AYUSH, Ministry of Health & Family Welfare), Prof. S. Lele (former Rector, BHU), Prof. Rewa Prasad Dwivedi (Professor Emeritus, BHU), Dr. S.K. Maini (Founder of Maini Group-Manufacturers of India's first electric car, Reva) and Dr. C.K. Katiyar (Vice-President and Head, Ayurvedic Research, Dabur India Ltd.)

The Alumni Cell organized the 4th International BHU Alumni Meet (IBAM 2009) and International Seminar on 'Higher Education: Global Perspective and Indian Vision' on December 25-27, 2009 at the BHU Campus. The database of the Alumni Cell now contains nearly 12,000 names and addresses of the alumni.

32. Health services:

University has set up various health centres with adequate staffs and infrastructural facilities. These centres are regularly in service of the students and employees of the University. A student health centre has also been set up in the Rajiv Gandhi South Campus. Besides above health centres, students and employees of the University have also access to the University's Sir Sunderlal Hospital which is a 1200 bedded tertiary care hospital having both modern as well as well Indian medical facilities.

Sir Sunderlal Hospital, Clinical teaching and training Hospital of the Institute of Medical Sciences was established in the year 1926 initially with a small bed strength of 96 beds only. It derives its name after Sir Sunderlal Ji, the first Vice-Chancellor of the Banaras Hindu University. To start a Hospital in the campus for alleviation of human suffering due to illnesses in the society was the dream of Mahamana Pandit Madan Mohan Malaviyaji, the great visionary and founder of Banaras Hindu University which came true when his highness late Prabhu Narain Singh Ji, the then Kashi Naresh laid down the foundation of the Hospital in 1924. Ever since the Hospital has been growing steadily and now stands as a nearly 1200 bedded Modern Hospital and the only tertiary care referral centre for the entire eastern UP, Western Bihar, Chhatisgarh, Jharkhand, MP & neighbouring country Nepal. The Hospital runs on the regular maintenance as well as ad-hoc grants from University Grants Commission. Besides, it also generates a part of its own financial support in the form of revolving fund through its earnings from the realization of the cost of some of its services.

MILESTONES OF SSH

- Foundation stone of S. S. Hospital was laid by Maharaja Prabhu Narain Singh in 1924.
- In 1926 the Hospital started functioning with 96 beds.
- In 1963, MBBS training was recognized by General Medical Council, U.K. and Medical Council of India.
- Super speciality courses started in 1976.
- Commissioning of 550 bedded indoor building in 1978.
- Grant regularisation of 200 beds of super-speciality services in 2006.
- Inauguration of Trauma Centre in 2008 with 324 beds in pipeline project likely to be completed by 2010.

CLINICAL COMPONENTS OF SSH

- Number of OPD 44
- Number of Wards 51

- Number of Beds 1173
- *Modern Medicine* 987 (including ICU 16, Emergency 40)
- *Indian Medicine* 186
- Number of O. T. 22

SPECIALISED SERVICES IN SSH

- Cobalt Therapy – Full fledged Radiotherapy service for cancer patients.
- Haemodialysis – For Renal Failure patients.
- Lithotripsy (ESWL) For Kidney stones therapy.
- Renal transplant unit For Kidney transplant.
- 16 Bedded Modern ICU.
- Cardiac Pace Maker Lab.
- Neonatology / Neo Natal Surgery ICU.
- Laser O. T. in Surgical Oncology.
- Neuro Endoscopy & Navigation system.
- Eye Transplant unit & Eye Bank.
- ART Centre upgraded to Centre of Excellence.
- Physiotherapy & rehabilitation unit.
- Post Partum Programme.
- Dental services.
- Ayurvedic Panchkarma Therapy and Leech Therapy.
- Kshar Sutra Therapy.

SERVICES AVAILABLE THROUGH OUTSOURCING :

Certain services have been running on Public Private Partnership or outsourcing. They are as follows:-

- 24 Hrs. Medicine & Chemists Shop
- 24 Hrs. 64 Slice C. T. Scan Centre
- Annapurna Bhojanalaya
- Swachchha Rasoyee Ghar
- Nestle Coffee Corners
- Public conveniences (Sauchalaya & Bathrooms)
- PCO booth
- 24 Hrs. refreshment services in Casualty OPD
- Centralised Chlorination plant for safe drinking water

STRONG POINTS OF S.S.HOSPITAL :-

- ❖ Very rich in clinical materials for teaching & training and quality services for treatment of patients.
- ❖ The only tertiary care super speciality hospital between Delhi and Kolkata besides SGPGI, Lucknow catering to the health needs of a vast population.
- ❖ An unique institution in the country to have both Modern Medicine and Ayurveda (Indian Medicine) disciplines together with interdisciplinary interactions.
- ❖ Well qualified and experienced team of consultants.

- ❖ Equipped with contemporary diagnostic facilities.
- ❖ Specialised treatment viz. Renal Transplantation, Lithotripsy (ESWL), Eye Bank and modern Blood Bank having component separation and cell separator facility.
- ❖ Super speciality services in all medical and surgical disciplines.
- ❖ Round the clock Casualty services.
- ❖ Round the clock investigative facilities.
- ❖ Round the clock availability of genuine medicines at discounted rates.
- ❖ Round the clock State of Art 64 Slice C. T. Scan facility, the only one of its kind in Northern India.

HOSPITAL STATISTICS

During the Calendar Year 2008, the Hospital Statistics is as follows :-

<i>Total No. of OPD Patients</i>	=	792220
Total No. of Admissions	=	44790
Total No. of Surgical Operations (Major, Minor & other procedures)	=	21939
Total No. of Births	=	2246
Total No. of Deaths	=	2670
Emergency OPD Attendance	=	58452

OTHER IMPORTANT ACTIVITIES :

1. Visit of Medical Council of India team for enhancement of number of M.B.B.S. seats under OBC category.
2. Visit of Dental Council of India team for smooth conduct of B. D. S. course.
3. Visit of Central Council of Indian Medicine team for upgradation of ayurvedic teaching and research activities.
4. Visit of University Grants Commission team for allocation of financial grants under 11th Five Year plan.
5. Visit of Smt. Panabacca Laxmi, Hon'ble Minister of State for Health & Family Welfare, Govt. of India for upgradation of ayurvedic wing of hospital.
6. Deputation of 20 nursing personnels from the hospital for enriching their knowledge by their participation in two days training at Ethicon Surgical Teaching Institute, New Delhi on 'Prevention of O. T. personnels from infection and use of surgical sutures and meshes' through courtesy of Johnson & Johnson company.
7. Regular medical check-up of sanitary workers of the hospital and arrangement for their diagnosis and treatment.
8. Visit of Prof. Sin Hilton, Vice Principal, St. George Hospital, London (U.K.) for academic collaboration with their institution.

Health Care facilities being extended to the University students by the University Students Health Care Complex

Services/Facilities available

- (I) Clinical Services : 7.30 a.m. to 6.00 p.m.**
- (i) General Out-patient consultation

- (ii) Day Care Centre
- (iii) Surgical consultation
- (iv) Orthopedic services
- (v) Respiratory clinic
- (vi) Specialized medical consultation
- (vii) Operation theatre services
- (viii) Pharmacy services
- (ix) Dressing services
- (x) Injection & vaccination services
- (xi) Medical certificates
- (xii) Local purchase of emergency medicines
- (xiii) Medical claim reimbursement (Indoor)
- (xiv) Clinical coverage of exams other Inter-University events/sports

(II) Students Health Welfare Scheme

This scheme is to ensure almost total free health care to the University students including indoor treatment and hi-tech investigations. For this facility a token annual fee of Rs.280/- is charged.

(III) Annual OPD attendance = 1.4 lac (April 08 to March 2009)

SCHOOL OF NURSING

Besides all these, the Hospital also runs a School of Nursing. It was first started in 1963 with initial intake of 12 Students, which has been presently raised from 23 to 40 students per year on the recommendation of Indian Nursing Council from year 2008. The School of Nursing, BHU offers **“Three and a Half Year General Nursing & Midwifery Course”** to all the eligible candidates selected through All India Entrance Test. This Course is recognized by the Indian Nursing Council, New Delhi and UP State Medical Faculty, Lucknow. The training is carried out as per the syllabus of the Indian Nursing Council, New Delhi. The Diploma Course commences on 1st September each year. The students after completion of the said Course are registered with the UP State Medical Faculty, Lucknow. The objective of **“Three & Half Year Diploma in General Nursing & Midwifery Course”**, besides giving employment opportunity to trained nurses for this noble profession and also to enable them to serve as Staff Nurses at the first level position in the Hospital and function as members of the health team for the benefit and service of the suffering humanity. This School has been upgraded to College of Nursing for B.Sc. (Nursing) from the year 2009-2010.

The performance of the School of Nursing has been excellent for past many years. In last year (2007-08), the performance has been as follows:-

- (a) In First Year General Nursing Diploma Examination the pass percentage was 100 (24 students appeared in the examination). Six among them had distinctions.

- (b) In Second Year Examination again all the 24 Students appeared and passed out with 11 distinctions to their credit.
- (c) Similarly, in Third Year Class, the pass percentage was 100 (24 Students appeared) & 5 had distinctions.
- (d) Among the Interns, the pass percentage was 100 (24 students appeared) and 19 had distinctions.

33. Performance in sports activities:**University Sports Board**

University Sport Board (USB) was established in its present form in 1975 by upgrading the University Athletics Association, with the objectives of promoting sportsmanship and team spirit among the University students, organizing such games and sports activities that are recognized by the Board and promoting Inter University fellowship by organizing and taking part in tournaments and extending assistance to constituent units.

The University Sports Board is an important unit of Banaras Hindu University which coordinates sports activities among different units of the University, selects and coaches sportsmen in different games and sends teams for participation in different Inter University Tournaments organized by AIU, New Delhi. Besides inter University tournaments, University teams also take part in other tournament organized by different sports organizations. In addition to this, the University Sports Boards hosts different games/sports. Inter University level Tournaments and coaching camps as and when entrusted by the Association of Indian Universities, New Delhi.

The University Sports Board organizes training/coaching camps of various games and sports teams of the University through Dy. Directors/Asstt. Directors/Coaches.

Games/ Sports Associated with USB

1. Archery (Men & Women)
2. Athletic (Men & Women)
3. Badminton (Men & Women)
4. Basketball (Men & Women)
5. Boxing (Men)
6. Chess (Men & Women)
7. Cricket (Men)
8. Cycling (Men & Women)
9. Football (Men)
10. Gymnastic & Malkhambh (Men & Women)
11. Hand Ball (Men & Women)
12. Hockey (Men)
13. Kabaddi (Men & Women)

14. Kho-Kho (Men & Women)
15. Power Lifting (Men & Women) & Wt. Lifting & Best Physique (Men)
16. Rowing (Men & Women)
17. Shooting
18. Squash Racket (Men)
19. Swimming (Men & Women)
20. Table-Tennis (Men & Women)
21. Tennis (Men & Women)
22. Volleyball (Men & Women)
23. Wrestling (Men)

Facilities/Sports/Games Complex of USB**(1) Amphitheater Ground**

1. Athletics (Men and Women)
2. Basketball (Men and Women)
3. Boxing (Men)
4. Cricket (Men)
5. Football (Men)
6. Handball (Men and Women)
7. Hockey (Men)
8. Kabaddi (Men and Women)
9. Kho-Kho (Men and Women)
10. Squash Racket (Men)
11. Table Tennis (Men and Women)
12. Tennis (Men and Women)
13. Volleyball (Men and Women)

(2) Shivaji Hall

1. Gymnastic and Malkhambh (M & W)
2. Power Lifting (Men & Women), Wt. Lifting and Best Physique (M)
3. Wrestling (Men)

(3) J.K. Badminton Hall

Badminton (Men & Women)

(4) Swimming Pool

Swimming and Diving (Men and Women) & Water Polo (Men)

(5) Maharaja Dr. Vibhuti Narain Singh Indoor Stadium (Multipurpose),

To care the health of student, teaching and non- teaching staff of BHU, the University Sports Board has established 'Mahamana Health Fitness Centre in the Indoor Stadium'. Four Badminton Courts are also located in this stadium.

Games and sports activities held during the Session 2009-10 by the University Sports Board

Inter Faculty

1. Inter-Faculty Football (Men) Tournament held from 07 Sept. to 12 Oct. 2009
2. Inter-Faculty Basketball (Men) Tournament held from 27 to 31 Oct. 2009
3. Inter-Faculty Basketball (Women) Tournament held from 20 to 22 Oct. 2009
4. Inter-Faculty Volleyball (Men) Tournament held from 12 to 14 Dec. 2009
5. Inter-Faculty Athletic (Men & Women) Meet held from 24 to 26 Feb. 2010

Inter University

1. All India Inter University Boxing (Men) Championship held from 15 to 20 December, 2009.
2. East Zone & All India (Inter Zonal) Inter University Volleyball (Men) Tournament held from 04 Jan. to 16 Jan. 2010.
3. East Zone & All India (Inter Zonal) Inter University Basketball (Men) Tournament held from 20 Jan. to 01 Feb. 2010.

Other Activities of the U.S.B.

1. Summer Coaching camp of below 14th years age of boys in Hockey from 12th May to 19th June 2009.
2. A Modern Gymnasium at R.G.S.C. Barkachha was started on 31.08.2009.

34. Incentives to outstanding sportspersons:

Outstanding sportsperson are given weightage in admission to the various courses in the University.

35. Student achievements and awards:

Sr. No.	Name of the Tournament	Name of the Sports/Games	Venue of the Tournament	Duration of Tournament	Position/Achieved
1.	All India	Athletics (M&W)	University of Madras	27 th to 31 st December, 2009	Participation

BANARAS HINDU UNIVERSITY

2.	East Zone	Badminton (M)	Manipur University	26 th to 30 th December, 2009	Participation
3.	East Zone	Badminton (W)	Manipur University	26 th to 30 th December, 2009	Quarter Final
4.	East Zone	Basketball (Men)	Banaras Hindu University	20 th to 25 th January, 2010	II nd Place
5.	All India	Basketball (Men)	Banaras Hindu University	27 th Jan. to 01 st Feb. 2010	1 st Place
6.	Sr. U.P. State	Basketball (Men)	Gauram Buddha Nagar Noida	19 th to 25 th Sept. 2009	1V Place
7.	U.P. Inter University	Basketball (Men)	D.D.U. Gorakhpur	20 th to 21 st Nov. 2009	II Place
8.	All India	Boxing (Men)	Banaras Hindu University	15 th to 20 th Dec. 2009	Participation
9.	East Zone	Cricket (men)	Burdwan University	25 th Nov. to 05 th Dec. 2009	Participation
10.	N.E. Zone	Chess (Men)	Calcutta University	26 th to 30 th Jan. 2010	Participation
11.	All India	Cross Country (M&W)	M.G. Univ. Cottayam	19 th Sept. 2009	Participation
12.	East Zone	Foot Ball (Men)	Kalyani Univ., W.B.	21 st to 27 th Nov. 2009	Participation
13.	All India	Gym. & Malkhambh (M&W)	L.N.U.P.E Univ. Gwalior	7 to 11 Jan. 2010	Participation
14.	East Zone	Hockey (Men)	Sambhalpur University	3 rd to 9 th Dec. 2009	Participation
15.	All India	Judo (M&W)	Panjab Univ., Chandigarh	6 to 9 Feb 2010	Participation
16.	East Zone	Kabaddi (Men)	M.G. Kashi Vidyapith Varanasi	23 rd to 27 th Nov. 2009	2 nd Place
17.	All India	Kabaddi (Men)	Ch. C.S. University Meerut	06 to 08 December 2009	Quarter Final
18.	N.E. Zone	Kabaddi (Women)	Y.S. Parmar Univer. Solan	21 st to 26 th Nov. 2009	Participation
19.	N.E. Zone	Kho-Kho (Men)	Ch. Devilal Univ. Sirasa	29 Oct. to 02 Nov., 2009	Participation
20.	All India	Swimming (M&W)	G.N.D.U. Amritsar	31Oct. to 4Nov 2009	Participation (Mr. Sushant Saxena own the Gold Medal in 10 Mtr. High Board Event)
21.	All India	Shooting (Men)	Jivaji Univ.,	1st to 5th Feb.	Participation

			Gwalior	2010	
22.	East Zone	Table Tennis (M&W)	Dibrugarh Univ.	18th to 20th Sept.' 2009	Participation
23.	All India (Direct Entry) Last Year IV Place Position)	Tennis (Men)	Guru Jambeswar Univ. Hisar	22 to 27 Jan. 2010	Participation (Due to not conduct the East Zone Tournament this year)
24.	N.E. Zone	Tennis (Women)	M.J.P. Ruhelkhand, Bareilly	5 to 10 Oct. 2009	Participation
25.	East Zone	Volleyball (Men)	Banaras Hindu University	4 to 8 Jan. 2010	1st Position
26.	All India	Volleyball (Men)	Banaras Hindu University	10 to 16 Jan. 2010	3rd Position
27.	U.P. State Inter University	Volleyball (Men)	V.B.S. Purvanchal University	24 to 26 Feb. 2010	II Place
28.	All India	Wt. Lifting & Best Physique (Men)	J.N.D.U. Amritsar	18 to 24 Jan. 2010	Participation

36. Activities of the Guidance and Counselling Cell:

University Employment information and Guidance Bureau is probably first bureau of the country, which is known and popular as **Model Bureau**, which has been established in June 1959 at Ruiya Hostel of Medical Block in Banaras Hindu University. National Employment Service scheme is working in around 66 Universities of the country at present. University Grant Commission and Ministry of Human Resources Govt. of India have made efforts to establish Employment Information and Guidance Bureau in all the Universities. The role of Bureau in University life is extremely important and full of challenges to give proper suggestion and direction for education to youth and to create their future, University students may get educational and vocational guidance right here in the campus for their purpose this bureau is situated here. The bureau is always giving service to those unemployed according to ancient tradition of university. Therefore, the main function of this Bureau is to provide information to the students, teachers, employment seekers, and others for higher studies, financial assistance, job opportunities, and self-employment prospects available in India and abroad. It also provides services for career counselling psychological testing and campus recruitment for the campus student. There are following main point of this Bureau:

- (a) Vocational guidance and career counselling
- (b) Registration, Submission and Placement
- (c) Career studies and occupational research
- (d) Employment and Self-employment.
- (e) Psychological Testing & assistance
- (f) Vocational Guidance to Individuals and Group
- (g) Campus Recruitment

(h) Release of Vocational Patrika and Rozgar Bulletin

It has evolved a network of services with a view to cater optimum career needs. A perusal of the appended statistical record reveals the area of the activities.

The Career Information Centre has been established in a big hall. This is like backbone of information services of the bureau. There are 80 folders which have been divided in faculties, industries, organization, institutional and other different part, like women department, employment department, medical and competitive educational department National development and defence, employment area information etc. these are quite popular among the students, regarding the information of education, training employment scholarship/fellowship etc. of country and abroad is available here.

Collection of career information, study classification, analysis, demonstration, and to protect this are liabilities of bureau. All the information and direction service of bureau are provided on the basis of suitable information literature. Informations are collected according to personal and public requirement of students. Unavailability of particular information bureau manages some how or other and it provides to particular person who need this.

Vocational Guidance Unit is being done in various affiliated schools, colleges and various University departments under the direction of bureau. This type of unit provides informative services to students. Bureau is making a good and strong effort to provide more and more information and guidance to small children also to help them out in making good and solid vocational planning for career.

In the Library of Bureau related to the various kinds of valuable and useful books are available besides letters and magazine, courses of University, rules and regulation, guidance for competitive examination, self planning, trade development etc. All books are useful and helpful for students for preparation of competitive examination and admission for higher education, scholarship/fellowship etc.

Occupational Research : Works are being done for studies, creation of literature and published work. In three series of publications “Plan a career series”, “Know your subject series” and “Guidance leaflet series” more than 51 books have been published so far. Time to time bureau also publishes application for employment and its publication which are better than any other publication. The popularity of publication is proved by receiving demand of publications from every corner of the country.

‘Plan a career series’ This published literature is more clear and meaningful. These books give information about many courses of study related with higher education, scholarship/fellowship, training, employment and self-employment as well as the information of Career Opportunity in foreign. On the occasion of personal direction these books are provided to students and candidates. All the publications of this bureau are sent to many libraries and organizations without any cost.. “Students Vocational Guide” a popular fortnight bulletin regularly issued on the date of 10th and 25th of every month. The main purpose of this bulletin to give information about admission in various institutions (educational, vocational and training), scholarship/fellowship and present availability of employment. This bulletin is being distributed free of cost among the students of university and visiting guest.

Guidance via correspondence is one of the most important services of this bureau. This Bureau has been providing information and guidance to the students, applicants, institution and guardians for guidance and information against letter from them. In this way there remains a continuous relation between bureau and students via correspondence.

Study and Employment opportunity in abroad : Great attraction is found in students and teachers for study abroad. The Bureau provides information regarding higher education, scholarship/fellowship, admission, entrance regulation etc. in America, Canada, England, Germany, France, Russia, Japan etc. It is systematically organized in our career room of the bureau.

Employment Information Assistance : Employment Information assistance is given to all those candidates who are willing to participate all through and only post-graduate and professional graduate are permitted to get registration in Employment Bureau. Bureau send the details alongwith application form of registered candidates to the employer. Bureau get the information regarding employment direct from Employer, Regional Employment Exchanges and Central Employment Exchange, New Delhi.

Placement Cell and Psychological Testing Centre : Bureau has established a Placement and Psychological Testing Centre. Under the supervision of this placement cell Bureau has been organizing several campus interview program in this Bureau. In the year of 2009-10 there were **50** students were selected out of **250** candidates for different companies/institution through campus interview program.

INTERNET FACILITIES

We have installed the computer with internet connection to provide the current and detail information about admission/Scholarship/Fellowship/ Employment to the students.

Choose your Career Fortnightly Programme : “Choose your career fortnightly Programme” was organized during 15.08.2009 to 31.08.2009, for giving wide publicity to the vocational guidance services of the Bureau among students, job seekers, employer and general public. The programme attracted appreciable response from many concerned with the career planning. Program is being organized by Bureau in the following schools and colleges :

1. Faculty of Arts, BHU
2. Mahila Mahavidyalaya, BHU.
3. Vasanta Mahila Mahavidyalaya, Rajghat
4. Basanta Kanya Mahavidyalaya, Kamachha
5. Arya Mahila Mahavidyalaya, Chetganj

WORK ACHIEVEMENTS DURING THE YEAR 2009-10

1.	Registration	----	80
2.	Submission	----	20
3.	Live Register	----	532
4.	Individual Information	----	8516
5.	Registration Guidance	----	80

6.	Individual Guidance	----	37
7.	Old Case Review	----	370
8.	Group Guidance	----	125
9.	School Talk	----	29
10.	Visitors to Career Information Room	----	10907
11.	Visit of VIPs	----	40
12.	Distribution of Information Literature	----	90
13.	Contacts for Information material	----	75
14.	Contacts for Employment Prospectus	----	42
15.	Contact for Guidance programme	----	37
16.	Distribution of Forms	----	67
17.	Application forwarded for Employment	----	00
18.	Campus Placement	----	05
19.	Candidates appearing in Campus Interview	----	63
20.	Psychological Testing		
	a. Personal	----	56
	b. Group	----	00

37. Placement services provided to students:

Placement Service:

Institute of Technology: (Training and Placement)

The Training & Placement Cell started functioning in the Institute in the year 1977-78. For the last more than 30 years the Cell has been actively coordinating the placement of students with the various Organizations/Industries, in addition to arranging summer practical training to B.Tech, and B.Pharm. students which is an integral part of their academic curricula. Till date more than 12300 B.Tech/M.Tech/ B.Pharm./M.Pharm. students have received job offers through campus placement activity at lucrative compensation packages in most industries in the country as well as abroad. The number of Companies both from Private and Public Sector that have visited our institute for in campus recruitment has gradually increased from a mere 16 in 1977-78 to 93 in 2009-2010.

The campus recruitment session for the year 2009-10 commenced on August 16, 2009. The noteworthy list of Companies which have visited the Institute are Microsoft, Google, Adobe, Morgan Stanley, Goldman Sachs, Oracle, GE, Net App, Cisco, , Citrix, IBM, Mentorgraphic DE Shaw, nVidia, Hindustan Lever, IOCL, Tata Motors, Hero Honda, Maruti, Ashok Leyland, DRDO, Coal India, BEML, Verizon, ACC, NMDC, SAIL, BHEL, NTPC, MECON, Zindal Stainless, Tata Steel, Dr. Reddy's Lab. This year for a total number of 359 students from B.Tech. and B. Pharm., number of job offers were 696 in spite of global industrial slow down. It is heartening to note that out of 696 job offers, 143 constituted dream offer jobs. The Training and Placement Cell of this Institute is also actively extending placement assistance to students from Faculty of Science particularly for MCA and

M.Sc. Computer Science students. It may be noted that the students of the Institute are currently opting for core job with a compensation package at par with renowned IT industries. Again the highest compensation packages offer to our students of Rs. 18.00 Lakhs per year has again gone to core group company.

The students of Institute are also subjected to industrial exposure through arranged frequent industrial visit and also a compulsory summer training programme extending upto eight weeks to pre-final year students in reputed industry/ institution/organization in India as well as abroad. Even PG students are being encouraged to go for long term project upto 12 months in actual working environment under the supervision of faculty of the Institute. The Training and Placement Cell has realized the fact that since the students are being admitted with varied social and cultural backgrounds, there is huge gap in soft skills amongst them.

To cover this gap, the Training and Placement Cell has developed in house training programme to enhance soft skills of deficient students to meet the industries' need.

Institute of Agricultural Sciences

The Institute of Agricultural Sciences has an exemplary record of placement through campus interviews during last many years with a large number of private and public sector companies, banks, MNCs and NGOs visiting this campus and recruiting a large number of students. The last academic session (2009-10) also witnessed a marked increase in placement activities over previous years. Thus, a very good number of interested students were successful in getting jobs through campus interviews. The excellent environment is prevailing in this great seat of learning and high class teaching and research facilities available at the Institute as well as the achievements of under-graduate and post-graduate students in various spheres at all India level attracted several government and private sector organizations for holding campus interviews in the Institute of Agricultural Sciences. The following organizations and Banks organized campus interviews for our graduates, post graduates and Ph.Ds and recruited a total of 91 students during this period:

- Bank of Baroda
- Bank of India
- Union Bank of India
- Rajiv Gandhi Mahila Vikash Pariyojana
- Pradan
- Basix
- Monsanto
- Triveni Engineering
- Elgon, Kenya
- DCM Sriram Consolidated Ltd.
- Mahyco
- IFFCO
- Utkarsh

Looking at the importance of practical training in U.G. teaching of agriculture, 172 summer trainings were arranged for interested students in reputed organizations like, Indian Institute on Mushroom, Solan; Litchi Research Institute, Muzaffarpur; Central Tasar Research & Training Institute, Ranchi; Saras Dairy, Kota; Saras Dairy, Jaipur; Vishal Patliputra Dugha Utpadak Sahkari Sangh Limited, Patna; Indian Institute of Natural Resins & Gums, Ranchi; Makhana Research Institute, Darbhanga etc.

Apart from the above, three students have been appointed as Scientists by the ICAR Agricultural Scientific Research Board, Govt. of India and more than a dozen have got appointed to other prestigious Central and State Govt. services and teaching positions in universities/ colleges. Fifteen students have qualified in ICAR-NET. Twenty Ph.D. students have got Post-Doctoral research Fellowships by Indian and overseas agencies.

Faculty of Management

Following the downswing in the world economic environment in 2008, the academic year 2009-10 brought with it a fresh lease of vibrancy which the Annual Campus Recruitment Process of Faculty of Management Studies captured to its utmost extent. The placement session of 2010 was successful in drafting yet another glorious chapter in the placement record book of Faculty of Management Studies with 100% placements for the Master of Business Administration (MBA) & Master of International Business Administration (MIBA) and MBA Agri Business course reinforcing the strong academic culture of the institute. The placement session 2010 witnessed the participation of regular recruiters aptly complemented by a plethora of new entrants.

The batch of 2010 saw an average salary of Rs.6.4 lakhs per annum. For the first time, a US-based company iCRM selected two of our students for their Malaysia Office and offered an annual package of Rs. 10 lakhs. Seventeen new recruiters including, Engineers India Ltd. Arvind Mills Ltd., Bank of India, Coal India, Corporation Bank, iCRM, Pantaloon and Volvo added as our clients.

Apart from the above companies other esteemed recruiters have come to the faculty of management studies. The lists include ICICI Ltd., Elily Lily, Bank of Baroda, HCL, Jaipur Rugs Ltd., Four S, Visa Steel, IDBI, Corporation Bank, Agility Logistics and many more.

The profiles offered varied in their diversity, encompassing Corporate Finance, Equity Research, Investment Banking, Marketing, Sales and Distribution, Supply Chain Management, Business Consulting, IT consulting, Industrial Relations and Corporate HR.

Faculty of Law

Three Students were selected as Additional Director Prosecution Officer in Madhya Pradesh. The examination was conducted by Madhya Pradesh Public Service Commission. Mr. Shashi Kant Yadav, a student of LL.M. ranked 17th in the examination, while Shir Ashok Priyadarshi and Shri Nitesh Krishnan got the 40 and 57 rank respectively. About two students were selected a Lecturer in Law by Higher Education Department, Govt. of Uttar Pradesh. Further, some students were selected as Law Officer in the corporate sector and law firms.

Faculty of Science

A sizeable number of students are sent to various public sector, private companies and also reputed research laboratories for summer training. Such summer training provides ample opportunities for the students to have an exposure of working in various laboratories, institutions, companies etc. The Training and Placement Cell of the Faculty as well as the different departments assist the students for their placements.

Campus Placement of students in the session 2009-10 (Botany, Chemistry, Science, Physics, Geology, Geophysics, Mathematics, Statistics and Geography) is 106 in different companies. For example Geography (Remote Sensing and GIS) - 28 in [Geo Kno Pvt. Ltd. (IIT Kanpur). Green C India Pvt. Ltd. (New Delhi). Scan point Geomatics Ltd. (Ahmadabad) Luminous Engineering & Technological Services Pvt. Ltd.], Chemistry 22- in [Jubilant Chem. Ltd, Chembiotek Ltd., IDBI Bank Ltd. Vishwas Chem. Ltd]. Computer Science MCA-26 in [CTS, IBM, Akash Institute.]. M.Sc. Computer Science - 15 in [CTS]. Botany (Environmental Science) - 3 in [IDBI Bank Ltd., Vedanta Aluminium Ltd.], Geophysics M.Sc. (Tech.) - 5 in [PGS, Cairns Energy Ltd., Oil India Ltd. ESSAR]. Statistics - 3 in [IDBI Bank Ltd.]. Physics - 1 in [IDBI Bank Ltd.]. Mathematics - 2 in [IDBI Bank Ltd.] Geology - M.Sc. Petroleum Geosciences - 1 in [ESSAR] etc. with package of 3 to 6 lakhs per annum.

39. Best practices of the institution:

As mentioned earlier, it could be seen that the University is regularly making efforts to improve quality of teaching and research in various specializations. Moving a step ahead, several new schools/centres in science, environment, social science, culture and values studies are recently started their functions in the university. It will not be out of place to mention that as a result of our mission to be the best in all walk of educational systems, Banaras Hindu University has been adjudged as one of the top most universities in the country by a survey conducted by Nelson-India Today (copy is to be appended). Our efforts are continued to sustain our various quality improvement programmes to scale to a further height.

40. Linkages developed with National/International, academic/research bodies:

- Multi-disciplinary Research Programmes are promoted by Ph.D. Ordinances.
- The Committee to review the progress (Research Progress Committee) of each of the Ph.D. Programme constitutes of the supervisor, teachers of the concerned Departments an expert related to the discipline from another Department.
- Provisions in the Ordinance of the University for conducting Ph.D. in collaboration other Institutes and appointment of Adjunct Faculties are to encourage inter-disciplinary research, both for the Faculty members as well was the students.

No formal linkages exist. A large number of visiting academics deliver lectures which are useful for students. However, some MoUs have been signed as per details given in [Annexure – M.](#)

41. Any other relevant information:

Major research facilities developed and available on the campus:

1.	Unit on Nano Science and Technology	9.	Animal Houses
2.	Multiphoton Confocal Microscope as National Facility.	10.	Botanical Gardens

3.	Hydrogen Energy Centre	11.	Ayurvedic Gardens
4.	National Electron Microscope Facility (TEM, SEM, Auger Electron Spectroscopy)	12.	Agriculture Farm
5.	Rotating anode X-ray generator and diffractometer with cryogenic attachment	13.	Dairy and Dairying Farm
6.	CAD-CAM Laboratory	14.	Horticulture Orchard
7.	Materials Testing Facilities (Mechanical Properties)	15.	Bharat Kala Bhavan (Museum)
8.	Chemical Analysis and Characterization Instruments (GC-MS, FTIR, etc.)	16.	Atomic Force Microscope

