DEVI AHILYA VISHWAVIDYALAYA, INDORE

EXECUTIVE SUMMARY

Devi Ahilya Vishwavidyalaya (DAVV), formerly University of Indore was established in 1964, by an Act of Legislature of Madhya Pradesh. DAVV is a State University whose jurisdiction was initially restricted to only Indore city. Later on its jurisdiction was extended to seven tribal dominated districts of Indore division namely, Jhabua, Alirajpur, Dhar, Khargone, Khandwa, Burhanpur and Barwani. It is thus catering to the educational needs of the most industrially developed district of MP, Indore on one hand and to the seven tribal and rural backward districts of the State on the other.

The vision of the University derives from its motto "Dhiyo Yonah Prachodayat". Accordingly, the University has adopted and given to itself the following vision and the mission.

VISION

Emerge as a premier higher learning institution by creating, advancing and disseminating knowledge with collective wisdom, through value imbued holistic education for peaceful, sustainable and humane society

MISSION

Educating and empowering the learners to realize their potential through righteous blending of knowledge, skills, and values for serving the society.

The University strives to realize its vision and mission by:

- Facilitating learner centric multidisciplinary course curriculum, pedagogy and resources through technology enabled joyful and diverse learning environment.

- Achieving excellence for world class competencies in teaching, research and extension.

- Promoting multidisciplinary research and scholarship.

- Providing demand driven educational programmes for enhancing skills and employability.

- Emphasizing value guided competencies among learners for developing socially responsible professionals and leaders.

- Evolving educational processes to ensure balance between head, heart and hand for holistic personality development.

- Exploring global opportunities for stakeholders through international collaboration.

- Nurturing a culture of pride, ownership and belongingness for attracting and retaining human resources.

- Promoting autonomy with accountability through participatory, transparent and value-based governance.

- Adapting environment friendly and energy efficient best practices for sustainable development.

- Addressing issues and priorities for empowering local community with a global perspective.

THE UNIVERSITY

University has been creating, advancing and disseminating knowledge since 1964. University initially started with few departments, now has 27 teaching departments and offers undergraduate, post-graduate and research programmes in 16 Faculties. The University has number of supporting centers including Directorate of Distance Education, and Directorate of Physical Education and Sports. The sports department conducts number of national competitive events as per Association of Indian Universities guidelines. University mentors the students through Career Counseling and Opportunities Guidance cell, Equal Opportunity Cell, and National Service Scheme Units. University offers number of support services through Health Centre, Day Care Centre, University Cultural Centre, and Student Welfare Department.

University functions from its two campuses namely Nalanda and Takshshila. University administrative office is located at Nalanda Campus, RNT Marg and Teaching departments are at Takshshila campus.

University has excellent campus with Network facility operated through National Knowledge Network, Auditorium for cultural activities, over hundred class rooms with ICT enabled 24x7 learning facilities, Live Video Multicasting Unit, FM Radio Station and Wi-Fi that make the Campus ICT friendly. Bank, Post office and Coffee House facilities are also available on the campus.

Twenty seven Schools/Institutes of the University impart teaching on the Takshshila campus to 10,500 students and to nearly 1,000 students through distance education mode.

Academic Staff College (ASC) and Educational Multimedia Research Centre (EMRC) of the University are fully supported by the UGC. Most of the departments have research projects sponsored by various funding agencies such as UGC, CSIR, DBT, ICAR, DST, ICSSR and MPCOST etc. Four of its teaching departments are supported under UGC-SAP, one Center for Potential of

Excellence in e-Management Studies set-up with UGC support, two under DST-FIST and one by DBT. State Planning Commission has created one Chair on Micro Economic Governance in the School of Economics in 2012 while School of Education has been upgraded to Institute of Advanced Studies in Education by MHRD in 2013.

Ahilya Shodh Peeth was established in the University during the XI plan to promote research work and ideology associated with Devi Ahilya Bai Holkar, the ruler of Holkar dynasty in the State.

University has 270 affiliated colleges in addition to 33 University teaching departments and centres. University has proposed a Medical College and a Hospital and it will be located on a new campus at the Airport Road, Indore.

Following are the key aspects reflecting vision and mission of the University:

CRITERION I - CURRICULAR ASPECTS

University's academic programmes reflect the vision to emerge as a premier higher learning institution by creating, advancing and disseminating knowledge and mission of educating and empowering the learners to realize their potential through righteous blending of knowledge, skills, and values.

Curricula developed/adopted have relevance to the local/regional/national/global developmental needs. Employability, innovations, pursuit of higher knowledge research and developing professional competencies and overall development of students are major considerations in the design process and development of the curriculum.

University has developed number of educational courses which lead to employability. University encourages research and innovations, and creates competent professionals.

University was amongst the first few Universities in the country to introduce innovative courses like (1) M. Tech. in (i) Laser Science & Applications, (ii) Energy Management, (iii) Future Studies and Planning, (iv) Embedded Systems, (v) Mobile Computing (vi) Network Management & Information Security (vii) Spatial Information Technology (viii) Software Engineering & Information Architecture; (2) M.E. in Information Technology (3) M.C.A. integrated 6 years programme; (4) M.B.A. Integrated 5 years programme in (i) Management Science, (ii) e-Commerce, (iii) Hospital Administration, (iv) Foreign Trade; (5) M.Sc. in Electronic Media 5 years integrated programme; and (6) M.Sc. in Industrial Microbiology (2 years programme). Nearly sixteen courses are introduced perhaps for the first time in the Country.

All Schools/Institutes have complete academic autonomy and follow a well defined *curriculum design and development process,* keeping in view the continuously changing needs and demands of the industry and the society, a dialogue with academic experts, industry/employment sector /alumni / other

stakeholders within and outside the University, keeping in view the guidelines of UGC/AICTE/NCTE/DBT/ and National and International Institutes and the syllabi of National level competitive examinations. All the designed courses are semester and credit based.

The Schools/Institutes enjoy the *academic flexibility* and freedom to design the syllabus as per Ordinance 31. The need based, competency oriented and knowledge based curriculum with academic flexibility is the hallmark of curriculum design. A number of new programs and program combinations are developed/ adopted to meet the needs of the students. Every School of Study introduces courses in upcoming areas. For instance, Faculty of Engineering Sciences offers new academic programmes in emerging areas which blends sciences and engineering, such as energy management, mobile computing, future studies and planning, networks and information security, and electronic media. Faculty of management studies offers choice of opting M.B.A. in conventional subjects such as human resources management and financial management as well as Hospital management, Tourism, International Business, Media Management, Advertising and Public relations.

University offers a wide spectrum of academic programme options leading to different degrees, diplomas and certificates (UG/PG/PG Diploma/Diploma Certificate) in Education, Science, Engineering, Management, Computer Sciences, Information Technology, Life Sciences, Bio-technology, Bio-informatics, Laser Technology, Chemical Sciences, Commerce, Economics, Social Sciences, Languages, Electronic Media, Mass Media and Journalism. University offers 182 programmes to students comprising of Doctoral (Ph. D.) and D.Sc. /D. Lit. in 41 subjects, M.Tech/M.E./M.Pharm in 24 subjects, M. Phil. in 26 subjects, PG programmes in 53 subjects, PG Diploma courses in 7 subjects, integrated programmes in 7 subjects, UG courses in 12 subjects, B.E./B. Pharm. in 9 subjects, 3 Diplomas and 1 Certificate programme. The University follows semester system in all courses. Students pursue core papers covering fundamental concepts of the subjects in the first semester. However, students are provided opportunity in subsequent semesters to opt for elective papers / Options/interdisciplinary courses within department or in other faculty. Final semester students pursue dissertation/project work in National Institutes / Laboratories / Industries. Choices in the selection of courses/subjects, field based learning and holistic development based activities are some of the salient features of the enriched curriculum in the University.

University revises the curriculum periodically. The elements of *curriculum enrichment* and periodical review of curriculum take place through participation of faculty members, stakeholders and external experts in Board of Studies. A course curriculum framework is developed by taking guidance from the academic peers and the external experts appointed by the Vice Chancellor in a board in the respective subject at the end of each Semester. The curriculum provides adequate scope for introducing programmes in emerging thrust areas/interdisciplinary

areas. All learners have access to value-added programmes, including communication skills / soft skills.

University analyses the impact of curriculum regularly. The *feedback* from the students as well as external experts is obtained at regular intervals. The inputs provided by the students, parents, alumni, experts and industry are obtained on regular basis. These are analyzed in a departmental or curriculum committee meeting or assessment workshop at the end of the semester. Each School/Institute takes structured feedback from students and considers it as an essential component in the curricular design and development process.

CRITERION II - TEACHING LEARNING AND EVALUATION

University teaching learning and evaluation processes enable the learners to realize their potential through righteous blending of knowledge, skills, and values for serving the society.

The University *student enrollment, profile and admission* process for various courses is transparent to all stakeholders which is done through advertisement in print and electronic media. The admissions are made through Common Entrance Test (CET) for professional courses and merit cum entrance test based in others. The admission tests are conducted in several cities of the country for various courses. The students have multiple choices to select the specific course offered by the University in the single application form.

The criteria for the selection of the students include objective multiple choice based questions, aptitude tests, interview and counseling. Reservation policy of State for SC, ST, OBC, women, differently-abled persons, freedom fighters wards, JKR and JKM is followed.. The institution has periodic reviews of its enrollment profile and the outcomes are used for improvement of the process. UTDs have at present 10,560 students enrolled in the courses. The overall enrollment of students in the affiliated colleges is over 170, 000.

University has an inclusive admission policy catering to diverse student groups. The University caters to the needs of the students of different diversity. A large number of students from the tribal dominated districts namely Jhabua, Alirajpur, Dhar, Khargone, Khandwa, Burhanpur and Barwani are benefitted in the admission process as per reservation policies of Higher Education Department of the State. The University thus, caters to the educational needs of the most industrially developed district of the State namely, Indore at one hand and the seven tribal and rural backward districts of the State on the other. Admission policy provides reservation for 20% scheduled tribe, 16% scheduled caste, 14% other backward classes, besides J&K migrants. A feature of State policy is 33% seats in each category be filled with women students in all the courses. The State Government offers scholarships and free-ships to the students belonging to these categories.

The University puts premium on continuous mentoring of the students. Induction and Orientation programmes are organised in the beginning of the academic session, and addressed by the Hon'ble Vice Chancellor and invited speakers. Documentary films on eminent personalities such as Swami Vivekananda, Mahamana Pt. Madan Mohan Malaviya, Sarvepalli Dr. S. Radhakrishnan, Bharat Ratna Dr. A. P. J. Abdul Kalam are screened for motivating the students. Anti-ragging films are also shown to the students. The emphasis is laid on inculcation of human and ethical values, social responsibilities and environmental consciousness. Anti-ragging affidavit from the students and parents are obtained and an oath is administered during the induction ceremony.

Schools/Institutes also conduct induction programme at departmental levels for the new students. The program ranges from one to two days. The students are apprised of the School/ Institute culture, the working ethos, status of the department nationally and globally, research activities, student facilities, ethics, discipline, zero tolerance on ragging and environmental awareness initiatives. The students and faculty members are introduced to each other.

Orientation programme is conducted at departmental level for the newly enrolled students. Programme ranges from one or two days. Issues covered are University and departmental libraries, e-resources and web-resources, syllabus and course plans for each paper, Academic Calendar, Internal and External examination patterns, Internal tests, Quizzes, Assignments, Student Seminars, Student projects, Scheme of Examination for a course, Ordinance No.31 related to Credits and Internal examination procedures and end-semester Comprehensive Viva Voce examination. The students are given exposure of compulsory projects / dissertations / visits to industry / national laboratories/ Institutes. Besides this, inputs are also given about cultural, sports and alumni activities and Student Feedback mechanism. Few departments also narrate the success stories of their department.

School/Institute analyses the academic growth of differently-abled students and provides tutorials for needy students. The Remedial classes are held for weaker and slow learners. Advanced learners are offered enrichment courses.

Schools/Institutes follow a system of mentor-mentee to meet the academic, career and social needs of students. A mentor is assigned to a group of 20-25 students. Learning needs of advanced learners are analysed after formative tests. The courses/projects are offered after informal discussion in the department with the advanced learners. Advanced learners in PG programmes associate with the departmental research projects.

Projects / field experiences are integrated into the learning programmes. Students of M. Tech programmes and PG professional courses in Engineering, Management studies, Computer Sciences, Information Technology, Electronics, and Electronic Media opt for performing final year project in the Industry and research organizations. Training is also arranged for the students in advanced

institutions. BSNL-AICTE will be providing training free of cost to select 45 students of Institute of Engineering and Technology of the University.

University has earned a place for itself in the country on account of its quality instructional programmes, innovative courses and excellent ICT infrastructure for teaching learning process (TLP). Student centric methods are an integral part of the pedagogy adopted by the faculty that includes experiential learning, participative learning, and problem solving methodologies. The learning environment is conducive for critical thinking, creativity and scientific temper. University fosters an inclusive academic ambience.

Academic Calendar (AC) for teaching, learning and evaluation activities is planned by the University in consultation with the departments, colleges and other academic bodies. A School/Institute also prepares a detailed AC after inclusion of special needs of students, remedial classes and enrichment courses for advanced learners, extracurricular, sports and cultural activities. Schools/Institutes meticulously plan and organize the teaching schedules as per the departmental academic calendar.

Latest technologies are being used by the faculty for effective teaching. The departments of the University imparts *teaching* with ICT enabled 24x7 *learning facilities*, live video multicasting device and 1500 educational films on various subjects.

Virtual laboratories are used in engineering and technology courses. Virtual class room (ViCR) concept is also being used since June 2012. The institution has formal linkages with national agencies like NMEICT to promote blended learning. The lectures were delivered by the Faculty of IIT Bombay on Research Methodology all over the country using ViCR concept. ViCRs are being planned in number of other departments during the current year. This will enable the departments to take advantage of NMEICT initiative of MHRD.

Schools/Institutes have adequate, well qualified nationally and internationally acclaimed faculty, authors and researchers.

University has 727 teachers (81 Professors, 61 Readers and 585 Lecturers) entrusted with the task of imparting education to the students in UTD. Amongst the faculty 221 teachers possess Ph.D. degree, 46 teachers possess M.Phil. Degree, and rest are PG/M.E./M. Tech./M. Pharm./M.Ed.

University encourages diversity in the recruitment of faculty. The faculty is recruited through the advertisement in national newspapers and as per UGC/AICTE/BCI/PCI/NCTE norms. University follows reservation Policy of the State in recruitment. University adheres to UGC regulations/ norms for faculty recruitment and promotions.

University facilitates the participation of its teachers in Faculty recharge programmes. University has proactive policies of recharge of Faculty and provides facilities for learning advanced technology and pedagogy tools. Faculty

members are encouraged to demonstrate creativity and innovation in teaching. Faculty members are given training, refresher and orientation courses at the Academic Staff College. Faculty is granted study leave, for undertaking M.Tech/Ph. D. work in leading Institutions or National/International laboratories.

Procedure for nominations and sanctions for participation to national/international conferences/ seminars is transparent, easy and fast. University also facilitates mobility of its faculty through exchange programmes and mobility for research work in International Laboratories/Institutions. The registration and travel expenses for the National conference and seminars are incurred from UGC plan grant and through departmental funds. The registration and travel expenses for the International conference and seminars are incurred from UGC plan grant or DST grant. University teachers invited for delivering lectures/key-note addresses in International conferences are also given travel support.

The faculty members have received National / State awards, and fellowships for their contribution in teaching and research. Notable awards that the teachers of the University have received are Marie Curie Award, Humboldt Fellowship, Commonwealth Fellowship, INSA-DFG, Dr. R.B. Ekbote Prize (DST-MAS), UGC Career Award, DBT Overseas Award, Fellowships and Senior memberships of IETE and IEEE, Fellowship of World society of Cellular and Molecular Biology, France, Dr. Shankar Dayal Sharma Srajan Samman, Rajiv Gandhi National Gyan Vigyan Moulik Pustak Lekhan Puraskar, Kailash Nath Katju Award and MPCST Researcher Award.

The students are continuously evaluated through tests, assignments, quizzes, seminars and end semester final examinations. The performance of the students are displayed on notice board as well as on website link of the respective Departments. University disseminates the information regarding evaluation processes and results to all its stakeholders through website.

Schools/Institutes' evaluation process is learner centric as guided by Ordinance 31. Evaluation process is internal, grade-credit based with external checks in the form of comprehensive viva voce examination by a Board comprising external experts at the end of each semester and compulsory display of corrected answer sheets to the students. Technology is effectively used in the examination management process. All the departments follow academic calendar and results are declared as per schedule.

Results of the student feedback on teaching learning process are communicated to the respective teachers for modifying their pedagogical practices. The students are shown answer books after the unit tests and final examinations. The students discuss with the evaluator and evaluator makes necessary changes. If student has any grievance regarding evaluation/marking, he/she has freedom to put the same before the comprehensive *viva voce* board. The Board attends to the grievances and final mark sheets are issued after resolving the matter. Feedbacks of the students on the TLP and teacher of the subject are taken. School/Institute takes

needed actions as per the analysis of the feedbacks. Faculty is informed about the result of analysis and takes cognizance of student feedback.

University introduced Semester System at the Undergraduate as well as Post Graduate Level also for the affiliated colleges as per UGC/State Government directives. University opted for a revolutionary change by way of allowing the examinee to see the evaluated answer scripts under RTI Act in 2012 for UG/PG courses offered in affiliated colleges.

University follows UGC Regulation, 2009 for admission in Ph.D. and M. Phil. Programmes in all the subjects. The total enrollment in Ph.D. in 16 faculties stands at 1050. The 941 students who were admitted to Ph.D. Coursework through Doctoral Entrance Test-2012 (DET) have successfully completed the coursework as per UGC guidelines and are now being registered in Ph.D. Programmes through RDC. Number of Ph.D. awarded in the Schools/Institutes during 2008-2013 was 362.

Students of the University possess fundamentals of the subjects, knowledge of current trends in their disciplines, a sound practical orientation, good communication skills, ethical values, social responsibilities and an environment friendly attitude. Monitoring of this is done at the departmental level. The emphasis is on development of a set of skills required for the industry, research, and higher education.

Communication skills are facilitated by language laboratory and activities of career counseling and placement cell. Ethical values, social responsibilities and environment friendliness are nurtured through lectures on values and on achievements of great personalities. A task group has been set-up in 2012 to help students imbibe human values and ethics.

Students of the University have come up with exemplary performance in national level examinations such as UGC-NET, SET, GATE/GPAT, GRE/TOFEL, Civil Services and Judicial Services. In the last five years, nearly 900 students have qualified these prestigious examinations.

New Mobile computing Technology is being planned in Evaluation process. A Mobile based Education software has been developed in-house at School/Institute of Electronics in two M. Tech projects. Mobile based self evaluation and tests for Digital Electronics and Analog Electronics are being tested at School/Institute of Electronics. School of Education uses computer-based diagnostic tests and students' feedbacks on teachers' performance.

CRITERION III - RESEARCH, CONSULTANCY AND EXTENSION

All Departments/Schools/Institutes are actively engaged in research and create advanced knowledge. University has a Task group on Fostering Excellence in Research, which formulated a 'Research Policy' of the University for promoting research. National and International award winning scientists and experts are regularly invited for fostering a research culture and enthusing the learners and researchers.

Four of its teaching departments are supported under UGC-SAP, two departments are supported under DST-FIST and one by DBT, Government of India.UGC has awarded grants for a Center for Excellence in e-Management studies.

Most of the departments have research projects funded by various agencies like UGC, CSIR, DBT, ICAR, DST, ICSSR, MPCOST etc. University has received over Rs. 13 Crore through major research project grants during 2009-2013. Recently, the State Planning Commission has created a Chair on Micro economic Governance in the School of Economics with a grant of Rs 25 lacs per annum.

Ahilya Shodh Peeth was established in the University during the XI plan to promote research work and ideology associated with Devi Ahilya Bai Holkar, the ruler of the Holkar State. Ministry of Human Resource Development, Government of India, New Delhi upgraded School of Education of the University as Institute of Advanced Studies in Education in 2013.

Educational Multimedia Research Centre (EMRC) of University was bestowed with 'Centre of Excellence' status by the State Government under XI Plan. EMRC has received over Rs. 7 Crores in the XI plan from Consortium for Educational Communication, UGC, New Delhi. Recently, EMRC has received Rs. 85 lacs for developing e-content for NME ICT funded by MHRD.

University is the epicenter of research with ample infrastructure and human resources. University has excellent research facilities in terms of laboratory equipment, research journals and research incentives made available to the faculty. Teaching departments have basic equipments facility for research purposes such as thin film preparation, X-Ray rotating anode generator, UV dual beam spectrometer, GLC, HPLC, EPR, various types of microscopes, cold room, growth room, and animal house. National Thermal Power Corporation (NTPC) provided equipments worth Rs. 50 Lacs for differently-abled students.

University researchers also avail the facilities of national institutions, viz. UGC-DAE Consortium for Scientific Research and Raja Ramanna Center for Advanced Technology, Directorate of Soybean Research, IIT and IIM at Indore.

University has entered into MOUs with a few foreign Universities and Research Institutes, and is making all out efforts for more National and International co-operation and collaboration with organizations to enhance research quality and standards. Newly recruited teachers are provided seed money by the University for pursuing research.

Faculty members have published nearly 1700 papers in peer reviewed/reputed journals, 72 chapters in books, 4 monographs, 14 edited books and 32 books in last four years. The impact factors of the journals range from 0.5 to 12.11. Faculty members have also presented large number of papers in National and International Conferences and published papers in proceedings of the conferences.

Faculty members are also serving on the boards of national and international journals as editors and reviewers. The faculty members have been nominated as members in the UGC, NAAC, NCTE, UGC Expert Committees, RDC and Board of Studies of Universities.

Faculty and the research scholars of the University have received best research paper awards and other prestigious awards from various organizations. Two research scholars of the School of Life Sciences have been selected for Indian National Science Academy (INSA), Young Scientist Award and Humboldt Fellowship (Germany).

Notable researches and innovations are the development of pharmaceutical and antimicrobial compound, antioxidants development of catalysts, nano-materials (School of Chemistry), somatic embryogenesis of medicinal plants and tree species, anxin transport genes and their role in differentiation, first time role of a protein involved in immune system was demonstrated to clot blood as normally done by enzyme thrombin, work on Photobiology and Photosynthesis (School of Life Sciences), new algorithm for data compression during CAN bus communication in vehicles from Institute of Engineering and Technology and Orchestrator architecture for computations (School of Computer Sciences and IT).

The consultancy services have been provided by many Schools of Studies including Institute of Engineering and Technology (IET), School of Physics, School of Energy and School of Life Sciences. The funds generated by different departments/ institutes are approximately Rs. 75 lacs in the last five years. The consultancies are provided to the companies like RSAL Steel Pvt. Ltd, Indore (INDIA), BASF India Limited, Solar City Master Plan, Energy Audit, Biomass and Bio-energy, Government departments, University, Colleges and research organizations.

Various training programmes and extension activities are pursued by the University for providing training in rural areas and energy audit related activities. Technical backup unit for Solar Thermal Devices and Bio Gas technology for Madhya Pradesh and Chhattisgarh are also established in School of Energy to impart short term training. Institute of Engineering & Technology (IET) has designed and installed water purification plant at a School in Ralamandal. Computer training for slum/rural children, Tree Plantation drives, blood donation camps, eye checkup camps and public awareness programmes are regular feature carried by the students and faculty of the departments. University is also known for its number of extension and outreach activities.

University Teaching Departments have collaborations with National and International institutes. School of Life Sciences has collaboration with ICAR, Hungary, USA and Russia. School of Physics has collaborations with RR CAT, Indore; UGC-DAE CSR, IPR, PRL and foreign collaboration with Belgium and France. School of Biotechnology has collaboration with Czechoslovakia, France and Canada. School of Energy & Environmental Studies has collaboration with Taiwan.

CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES

University lays great emphasis on infrastructure and learning resources to enable the learners righteous blending of knowledge, skills, and values for serving the society.

University creates conducive physical ambience for the faculty by providing physical and IT infrastructure, good departmental and Central Library resources, e-journals, databases, seminar halls, conference halls and multimedia theatres. University is supported from UGC/Central assistance, grants under UGC-SAP, DST-FIST, research project grants, besides its own provisions to provide conducive environment for the faculty in terms of adequate research infrastructure in most of the Schools/Institutes of University.

The Schools/Institutes of the University have well furnished classrooms with ancillary facilities, computers and electronic gadgets, optical fiber Internet line with LAN connectivity, Wi-Fi facility, and over hundred ICT enabled 24x7 classrooms. Well designed, provisioned and maintained hostels, Health Centre and Baby Day Care Centre are the very valuable supporting facilities on the campus.

University has vibrant Career Counseling and Opportunities Cell and Language Laboratory.

University has a website where all academic information is uploaded. The information related to the admissions, examinations, results and notices are displayed on the University website.

University is having well equipped department of Physical Education, Sports Centre, Play Grounds, and Gymnasium to provide sports facilities and recognize and nurture sporting talent. University Central Library and IT centre provide diverse learning resources.

The Library is equipped with books, periodicals, latest national and international e-Journals; SOUL software is being used for automating library facilities. The University has more than 6 lacs books, 23,450 Ph.D. theses, e-books and e-journals numbering 8,965 in various subjects. Besides, EMRC is having more than 1500 educational films in the form of DVDs for students and faculty members. Adequate reprographic and Internet facility with more than 250 Computers along with 500 online national and international journals with the

connectivity under UGC-INFLIBNET are available in the University. Besides central library, all the departments have their own library facilities for students and researchers.

Computers with latest technology and applications have been deployed in the University. Hostels are having Internet access through UNIVERSITY Campus network on 24x7 basis. All sections of Administrative Office are using computers and printers. University results are processed in-house on computers since 1986. Customized developed software is deployed for admissions, accounts, examinations and result processing in UTDs.

University has very well designed, equipped and maintained IT Center. It provides round the clock services through excellent campus wide networking in academic and administrative campuses through fibre as well as Wi-Fi. The University has subscribed to 1 Gbps Internet link through National Knowledge Network. University departments and hostels are provided with Wi-Fi facility. The users of the Internet facility are 8,000 registered students of departments/ institutes. More than 2,100 computers are available to use the Internet facility and laboratory work in departments/institutes.

Takshshila campus of the University has an auditorium with state-of-the-art audio visual and performance facilities. Various academic programmes and cultural activities are organized throughout the year under the banner of University Cultural Centre.

Adequate budgetary provisions and maintenance processes are available to provide the infrastructure and physical facilities all round the year.

The University has engineering section to take care of maintenance and basic infrastructure.. Common instrument maintenance facilities are also available in USIC under the School of Instrumentation, Bank and Post Office services and Indian Coffee House for staff and students.

CRITERION V - STUDENT SUPPORT AND PROGRESSION

The University has an independent but well coordinated system for student support and mentoring. Students are supported for their mentoring in academic studies, sports and cultural activities. They are ably supported for the development of career, soft-skills and life skills. They are mentored to develop professional competitiveness as well as develop ethics, human values, sense of social responsibility and environment consciousness.

Schools/Institutes mentor the students in all possible ways to cater to their academic, social and career needs. Coaching for Civil Services, State Administrative Services, UGC-NET, GATE, and Bank PO particularly for SC/ST and Minority students is taken care by the Equal Opportunity Cell of the University.

University has a vibrant Career Counseling and Opportunity Cell. Placement and Guidance cells at Department levels have also been constituted. University Student Welfare Department plays active role in all matters related with student grievances and support mechanism. University has a full time Dean of Student Welfare to liaisons and addresses the problems of the students. Anti-Ragging Cell in the University and Anti-Ragging Squads in each department exist for curbing the menace of ragging at all levels. The University takes all efforts to make the University ragging free.

Over 900 students have been selected in the National level examinations viz. UGC-NET, CSIR-NET, GATE and Civil and Judicial Services-I during last four years. Approximately 10% of B.E. students are upgraded for getting higher degrees. Large numbers of students are enrolled for research in the same department after completing the PG. Some of the students after completing the course join the national level research organizations and Universities abroad.

Students with the sports and other cultural talents are identified and given weightage in the admission and provided financial assistance. The students are encouraged to actively participate in co-curricular activities. Cultural and sports activities are conducted throughout the academic year for overall development of the personality of the students. Inter University competition and youth festivals are also organized by the University every year. AIU specified competitions are conducted by the Directorate of Physical Education of the University.

CRITERION VI - GOVERNANCE, LEADERSHIP AND MANAGEMENT

Devi Ahilya Vishwavidyalaya, Indore was established in 1964 by an Act of Legislature of Madhya Pradesh. Hon'ble Governor of the State is the Chancellor of the University. The Vice Chancellor of the University is appointed by the Hon'ble Chancellor.

Various functions of the University are carried out as per Act, Statutes, Ordinances and Regulations. The Registrar, Examination Controller and Finance Controller of the University assist the Vice Chancellor in administrative, examination and financial matters.

The Executive Council of the University meets almost every month to take decisions on major administrative and financial matters. Meetings of Academic Council, Finance and other committees are held regularly. The Boards of Studies of the subjects are responsible for the revision of the syllabi and course curricula. The examinations of all UG and PG courses are conducted as per schedule. Results are declared timely and made available on University website for the benefit of the students and stakeholders. The students also participate in Board of Studies meetings and suggestions given by them are also incorporated.

The administration and faculty members of the University work hard to accomplish the vision and mission of the University. Various decisions are taken through Executive Council, Academic Council, Planning and Evaluation Board,

Finance Committee etc. The constitutions of these committees are as per Act, Statutes and Madhya Pradesh Government rules.

The departments enjoy academic autonomy to develop their own curriculum, teaching schedule and conduct examinations as per Ordinance 31. The teachers are empowered for instituting, planning, monitoring, assessing and modifying their educational programmes.

All the teachers are motivated to seek grants in the form of research projects from various funding agencies. Newly recruited teachers are provided seed money by the University for pursuing research. Academic Staff College of the University conducts various short term, orientation and refresher programmes for the teachers of University and Colleges. To support research, University reimburses a part of expenditure borne by the teachers to become member of the International Societies and for availing broadband facility at home. The teachers are provided travel grant and registration fee to encourage them for presenting their research work in seminars/workshops and interact with the experts in the subjects.

The University mobilizes finances through self supporting programmes, consultancy and sponsored research programmes. All the expenditures incurred by the University are duly audited by Government Resident Auditor. The State Government appoints Finance Controller who assists the Vice Chancellor on financial matters. University makes special efforts to utilize the grants and almost have zero budgeting policy. After audit by the Government appointed resident auditor, the utilization certificates are sent to the respective funding agencies.

IQAC is functioning in the University under the leadership of the Vice Chancellor as per UGC guidelines. Every department has IQAC coordinator with a team of two to three faculty of the department. IQAC committee has senior Professors, external experts from industry, management, civil society, and Registrar of the University. The meetings of the IQAC departmental members and of IQAC are held at regular intervals and minutes are recorded. Annual Quality Assurance Reports are sent regularly to NAAC. Feedbacks are taken regularly from the students on teaching-learning process and curriculum. Feedbacks for hostels and support services are also taken.

CRITERION VII - INNOVATION AND BEST PRACTICES

The University is spread over 260 acres of land. University campuses have approximately 60% green area.

The University is dedicated to spread awareness towards energy conservation, use of renewable energy and need for decreasing dependency on conventional energy resources and environment responsibility.

Environmental awareness programmes such as plantation drives, energy conservation measures are taken by the University from time to time. University has taken up a massive tree plantation programme in its NSS activities. Plantation

drive is launched each year especially during monsoon season. An exhaustive cleanliness drive was undertaken by the students of the University for the Khan River on the occasion of International Day of Action for Rivers.

University has formulated "Green University Policy" and established a Task Group to take care of plantation and environment. The Policy has been formally released by Bharat Ratna Dr. APJ Abdul Kalam, former President of India, on June 12, 2013. University has also developed a "Green Calendar" identifying environmentally significant days. Twenty eight days in a year relate to energy and environment. Departments have been assigned one or two of these days in each year. Each department organizes activities on that day for the entire University. Energy Audit of the departments is done by the School of Energy and Environment Studies.

The Students, Faculty members and Officers are being motivated to use Bi-cycle on the Campus. Hon'ble Vice Chancellor sets the example by using bicycle while visiting departments on the Takshshila Campus.

There are several best practices and innovative ideas being followed in the University viz., (1) The self financing programmes are successfully executed in the most of the departments; (2) The departments have full academic autonomy for designing and modifying the course curriculum as per needs and demands; (3) The Ordinance 31 followed in the University for conduct of examination is unique. It provides for continuous, comprehensive and learning based evaluation with openness and feedback; (4) The students have opportunity to go through evaluated answer books and grievances if any are addressed to in comprehensive viva voce board; (5) University vision gives impetus on holistic development of learners in achieving excellence and accomplishes the vision of the University; (6) The University has a unique scheme to financially support the needy students through 'earn while learn' scheme; (7) ICT savvy software is installed at IT centre for visually challenged students; (8) The University has setup eight task groups on various aspects. Each group consists of 6-7 senior faculty members. The task groups are : (i) ICT for Learning and Support and administrative services, (ii) Effective Teaching-Learning and Evaluation, (iii) Student Support and Progression, (iv) Energy and Environment Management, (v) Fostering Excellence in Research, (vi) International Cooperation, (vii) University-Industry Partnership Cell, (viii) Promotion of Human Values and Professional Ethics; (9) Common Induction and Orientation sessions are conducted by Vice Chancellor at beginning of the course; (10) Suggestion from stakeholders, students and experts are obtained regularly and taken into consideration while updating the courses; (11) Eco friendly activities, plantation and green audit are carried out in each teaching department of University; (12) The feedback from the students is obtained at the end of each semester. It is analyzed by a committee and the concerned teacher of the subject is communicated the student feedback for necessary modifications in pedagogical practices; (13) Decentralized administration, effective teaching-learning practices, campus placements, ICT enabled learning environment, grade credit system of evaluation, good infrastructure facilities & special attention to the

students of SC/ST and minorities are some of the best practices adopted in the University. University has achieved a name for itself by offering self supported courses in the last 20 years.

Decentralized administration, effective teaching-learning practices, campus placements, ICT enabled learning environment, grading and credit policy in evaluation, good infrastructure facilities and special attention to the students of SC/ST and minorities are some of the best practices adopted in the University. University has achieved a name for offering self supported courses in the last 24 years despite resources limitations.

STRENGTHS

- Premier Institution of higher learning in central India, effectively catering to diversified educational needs of tribal, rural and urban population for past 50 years.
- Offering a range of traditional, innovative and professional programmes catering to societal needs through regular and distance learning mode.
- Pioneer in integrated, super specialized and self supported programmes enhancing employability.
- Academic autonomy following systematic process for design, development and implementation of courses.
- Intake of quality students assured through standard national level entrance test and well defined admission process.
- Highly qualified, competent and experienced Faculty with diversified background and industry exposure.
- Transparency in examination and evaluation process.
- Strong research base with quality publications, funded research projects in identified thrust areas supported by adequate available resources.
- Exemplar teaching and research facilities such as laboratories, libraries, electronic databases, teaching aids, networked computers, ICT enabled classrooms, Campus wide Wi-Fi connectivity.
- State of art auditoriums, Studios, Radio Station, Multicasting and other essential amenities.
- Proactive Placement Cell and Career Counseling Cell to facilitate appropriate employment.
- Emphasis on promotion of holistic development of students through co-curricular, extracurricular, and extension activities.
- Strong Alumni presence in Global and National level public and private organizations in diverse areas connected through registered Alumni Association.

- Visionary and transformational leadership for academic and administrative excellence.

- Promoting a culture of '*Apanapan*' and '*Kartavyapalan*'; Learning and Working together and Participative management.

- Continuous quality assurance, sustenance and enhancement through well defined processes.

- Eco-friendly campus with well defined Green University Policy and Green Calendar.

- Significant contribution in developing instructional material in terms of educational films, e-contents, and multi-casting for facilitating virtual learning.

WEAKNESSES

- Initially conceptualised as a Science University resulting in lesser emphasis on several social, humanities and arts disciplines.

- Limited international visibility.

- Specified territorial jurisdiction limiting expansion to start offshore campuses.

- Geographical expansion without augmentation of infrastructure and human resources.

- Insufficient resources from the State for expansion programmes and maintenance of existing infrastructure.

- Inadequate facilities for achieving academic excellence in affiliated colleges.

- Dependence on State for funds, sanctions, approvals and policy level decisions.

OPPORTUNITIES

- Introducing multidisciplinary courses in emerging areas.

- Attracting international students for higher education courses.

- Instituting 'Chairs' and establishing new 'Centres of Excellence' in specific domains of knowledge.

- Promoting multidisciplinary research and issues related to local community.

- Strategic alliances and collaborations with International and National Educational Institutes, Industries, Government Bodies and NGOs for research, faculty-student exchange, joint programmes, training and consultancy.

- Increasing linkages with local industries for skilled human resource.

- Leveraging the available ICT resources for creating Open Learning Community.
- Continuous quality enhancement, accreditations, benchmarking and certification from appropriate bodies / organizations for national and international recognition.

CHALLENGES

- Striking a balance between the traditional, innovative and professional courses offered by the University.
- Balancing the educational requirements of cross sections of the society– tribal, rural and urban.
- Attracting and retaining quality Faculty and students.
- Competing with national and international educational institutions, both public and private.
- Meeting technological advancements through continuous up-gradation of educational resources.
- Sustaining the value system amongst stakeholders.
- Ensuring academic and administrative quality in affiliated colleges.
- Managing resources for quality education while keeping the cost of education low.

CONCLUSION

University is trying its level best to emerge as a premier higher learning institution by creating, advancing and disseminating knowledge with collective wisdom, through value imbued holistic education for peaceful, sustainable and humane society. University proactively pursues its mission of educating and empowering the learners to realize their potential through righteous blending of knowledge, skills, and values for serving the society. University is committed to its best as per its Vision and Mission.