

# **PART- B**

## *Executive Summary*

## **EXECUTIVE SUMMARY**

Ujjayini (now Ujjain), the capital of ancient Avanti Pradesh and one of the oldest and most renowned seats of learning has a rich academic and cultural heritage. About 3000 years ago, Guru Sandipan, moved to Ujjayini from Kashi and in his Ashram his disciples Lord Krishna, Balram and Sudama were imparted the knowledge of Vedas and Vedanta. It reached its pinnacle of fame during the reign of King Asoka and Samvat Pravartak, King Vikramaditya Chandragupta II, who promoted Sanskrit over Prakrat.

The first Prime Minister of India, Pandit Jawahar Lal Nehru wrote “Ujjain seems to me the ideal place for a great University and cultural centre to grow up, where our young men and women can pursue learning and develop themselves as good citizens of India.” The idea was translated into action and the Vikram University came into existence on March 1, 1957 with its dictum as विद्ययाऽमृतमश्नु (Knowledge is the foundation of immortality) and well defined crystal clear objectives.

At one time, the present universities of Indore (DAVV), Bhopal (BU) and Gwalior (JU) were parts of the Vikram University. The University is designed to serve as an institution of research and higher learning with the component of affiliation also. The National Assessment and Accreditation Council of India has rated it four stars in the year 2002. The University has been persistently trying its best to promote quality in higher education, teaching and research in diversified disciplines. It has initiated and successfully implemented all measures in order to keep pace with advances in the field of research and higher learning.

**Scindia Oriental Research Institute**, a unit of the Vikram University is an internationally renowned centre has a collection of more than 20,000 manuscripts including BHURJA PATRA and PALM-LEAF manuscripts. A number of rare manuscripts in the collection have illustrations painted in bright colours and gold. The library of printed books consists of more than 15,000 volumes.

Late **V. S. Wakankar**, a renowned historian of Vikram University, Ujjain discovered Bhimbetka paintings in several prehistoric rocks (UNESCO citation declared the Rock Shelters of Bhimbetka a World Heritage shelters) in 1957.

In Ujjain, M.P. State Govt. has proposed to start an “Educational Hub” near the city and Vikram University students and faculty would be greatly benefitted in future. Ujjain is now being developed as a knowledge city.

## **CRITERIA - I: CURRICULAR ASPECTS**

Vikram University is offering instruction in higher learning and research guidance in around 125 diversified courses that are directly related to economic growth, development of science, society and human values.

## **Vikram University, Ujjain (M.P.)**

Basic sciences like Mathematics, Physics, Chemistry, Botany, Zoology, Geology; branched - out science disciplines like Applied Mathematics, Statistics, Biochemistry, Microbiology, Environment Management, Biotechnology and Computer Science are strong academic pillars of the University. A new department of School of Engineering & Technology was started in 2011.

With equally strong academic spirit, the disciplines of Business Administration and Commerce, Economics, Statistics, Physical sciences, Biosciences, Political Science, Public Administration, Human Rights, Sociology, Social Work, Ancient History & Archaeology, Journalism & Mass Communication, Human Resource Management, Physical Education, Continuing Education, Foreign Language, Philosophy, Sanskrit, Veda, Jyotirvigyan, Library and Information Science have been excelling in teaching and research ever since their respective commencement.

Besides, the University at various points of time started a number of research centers to promote exclusive research guidance and publications in different areas of studies and opened Ambedkar Peeth, Scindia Oriental Research Institute and Gandhian Studies which have led to considerable research output on contemporary issues. Departments of the University are provided with exclusive class rooms equipped with hi-tech teaching aids, language lab. etc.

The Curriculum of every academic programme offered in the University is drafted and recommended by a Board of Studies exclusively constituted for that programme with experts belonging to Educational Institutions/ Industries/Research Labs related to that programme along with the internal expertise, which is later approved by the Academic bodies of the University.

According to the norms of M. P. Higher Education, the pattern of examination has been changed from yearly to the semester system. Various modes for evaluation of students such as sessional tests, seminars, assignments, group discussion, quiz test, surprise test, internship, CCE along with the class room teaching and other reforms as decided by University and M.P. Higher Education are implemented. Sports are yet another top priority in the University, effectively and excellently monitored by the department of Physical Education which looks after sports activity.

In last few years, around 10 new departments were established and around 27 new courses were initiated in Vikram University among which **10** at UG & **17** at PG level. New Job oriented courses as in translation and cultural studies introduced are: Diploma in Karmakanda, P.G. Diploma in Ground Water Management, P. G. Diploma in Petroleum Technology, P. G. Diploma in Remote Sensing, Certificate of proficiency in German, PG in Public Administration, PG in Human Rights and some honors courses at UG level are: B.A. (Hons.) in Political Science, Sociology, Economics and History, B.Sc. (Hons.) in Biotechnology, Microbiology, B.Com. (Hons.), BCA and BBA.

## **CRITERIA - II : TEACHING LEARNING AND EVALUATION**

The University encourages the teachers to refine their expertise in teaching and research by organizing Refresher Courses in some disciplines and seminars, symposium etc. The University provides a number of facilities for teachers and learners to adopt modern teaching methods that include: Smart Class rooms with audio - visual equipments. Special lectures by visiting experts. Field works/Project works for students. Educational tours. Group discussions/ Seminars as a part of curriculum.

The teachers are always encouraged to participate in Conferences/ Symposia/ Seminars/ Workshops hosted by other universities/ institutions in India and abroad to present their research activities and for a beneficial academic interaction with their fellow researchers, by providing exclusive grants. Academic review in the form of annual reports is regularly done and suggestive measures are recommended, wherever necessary. Many teachers of the University received awards and recognitions by the Government and other academic bodies for their outstanding performance in teaching and research. The examination system and the associated procedures are well planned to ensure promptness in the declaration of results. A large number of awards and honours have been bestowed upon many faculty members by various organizations/ academic bodies.

## **CRITERIA - III: RESEARCH CONSULTANCY AND EXTENSION**

The University functions with a striking balance between teaching and research, which is evidenced from the following measures: Identification and recruitment of eminent researchers as faculty members. Deputing the faculty members to other advanced institutes in India and abroad with financial assistance to various training programmes. Providing budgetary allocation for research projects by teachers. Providing travel assistance to teachers to present their research papers with various funding bodies like UGC, CSIR, DST, AICTE, etc.

As per new UGC Regulation 2009, Entrance test was started for the admission in Ph.D./M.Phil., followed by compulsory Course work. Research Registrations leading to the award of M.Phil./Ph.D. in the respective disciplines are jointly undertaken by the Research Degree Committee. Research grant received from various agencies ICHR, ICSSR, SAP-DRS, COSIST(ASIST)/ DST- FIST, CSIR, DBT, Maharshi Veda Vidya Bhavan etc.

**Departmental research grant :** Botany – SAP- DRS (2002 – 07, later discontinued due to reduced number of required faculty members), Chemistry- DST-FIST, Physics - SAP, COSIST, (ASIST), DST- FIST.

**Individual Project Grant:** Prof. B. K. Mehta - UGC, CSIR, Prof. S. Jain – MPCST, Prof. U. Sharma – UGC, MPCST, Prof. J. R. Singh – MPCST, Dr Anjana Singh Gour – ICHR, Dr. Swati Dubey-MPCST, Prof. R. C. Verma-MPCST Bhopal, Department of Biotechnology New Delhi., Dr. Umesh Kumar Singh, MPCST Bhopal and many more...

So many Research Scholars and Post Doctoral Research (PDF) Fellow received grants from ICSSR, New Delhi, in Economics, Political Science and History.

Total no. of research publications were 2876 in various peer reviewed International (576), National (2300) Journals. Total 193 books were published and 94 papers were presented by the faculties in national & international seminars. Ph. D. degree was awarded to 490 students in last 5 years. As per the demand of M. Phil. courses, number of seats has been increased in all subjects. The citations Index is More than 2500 and Impact Factor of the journal are 1.5 to 6.5 and more.

Major extension programmes of the University includes tree Plantation Programmes, Clean and Green Programmes by NSS and Nasha Mukti Campaign, AIDS awareness programmes by different student organizations. Root Zone technology system was installed by the scientist of Vikram University for water purification at Mahakaleshwar Kund, Sethi Nagar Colony and near Madhav Nagar Police Thana, Freeganj, Ujjain.

University is interlinked with other states to increase input of student by providing online submission facility of admission form for various courses. Regular academic calendar is maintained by the University by timely admission and declaring results. Around 18 awards and 14 honours were bestowed on the faculty and research scholars of the University. Around 18 students of University received young Scientists award. Individual awards in Faculty of Arts Life Sciences and Others are more than 15.

#### **CRITERIA - IV: INFRASTRUCTURE AND LEARNING RESOURCES**

##### **1. Infrastructure**

The University campus is spread over 330 acres of land on Dewas Road. The main campus has 15 spacious multistoried buildings to house the academic departments, each building with self - contained common halls for arranging seminars, etc. Another separate buildings to house Administrative Office, Examination Section, VC Office, USIC Section, Engineering Office, and other associated supporting sections. A well equipped auditorium (Swarna Jayanti Hall), Sarasvati Kanthabharan and two seminar halls attached with all audio - visual facilities, for organizing any large scale gathering are unique features of the University. A new building Swami Vivekanand Bhawan has been constructed to accommodate students of newly started course of Engineering & Technology.

Besides these, the University has a stadium with indoor sports facility, gymnasium, canteen, open playgrounds to organize a number of mega sports events. There are 5 Hostel Blocks (one for girls, 4 for boys, one for Research Scholars), 1 guest house, 81 residential accommodation for faculty and 101 for non teaching staff.

All the academic and administrative blocks are connected by Internet facility. Students have access to the Internet in their individual department and Central Library. The university has 6 generators/electricity backup for the power crisis. The cultural heritage was symbolically established at the administration building in the form of the statue of great king Vikramaditya. Infrastructure expanded at various fronts by the construction of Shikshak Sadan, Shalaka Dirgha, Swarn Jayanti Bhavan and Vagdevi Bhavan.

A new building “Vivekanand Bhawan” has been constructed to accommodate new courses and increased number of students. Extension of Girl’s Hostel has been constructed to accommodate more girls. University Guest House has been provided with new amenities. Some buildings of the teaching departments have been upgraded with new instruments and computers.

The **University Library** (Maharaja Jiwaji Rao Library) was established in the year 1962 to provide Library facilities to the College/University students, teachers, research scholars, public members etc. At present more than 1,82,000 books (52000 titles) are available in the Library. In the Library, more than 10000 books have been added in the last few years. The library also has a good collection of national and international journals.

Ernet, E-Journals consortium, an initiative taken by the University Grants Commission, facilitates free access to scholarly journals and database in all the areas of learning, to the research and academic community across the country. More than 4,000 scholarly journals and databases are already made accessible to 100 universities (Vikram University is one of them and the first in our state), which will continue to grow with time. This effort has started making a very good impact on the research and academic community of our university and a very encouraging usage is noticed. More than 25,000 on line journals are available.

Information and Library Network Centre (INFLIBNET) is also situated in Maharaja Jiwaji Rao Library. The basic objective of the INFLIBNET centre is to provide information about the availability of research journals and books at different libraries of India to the users and research scholars of the University. The centre also supports the administrative work of the University.

A well equipped UGC INFONET Centre started working in 2009. The UGC INFONET e-journal Consortium is one of the best facilities made available to the teachers, research scholars and students of the University. UGC INFONET: e-journal Consortium enables its users to access large number of scholarly journals from reputed publications. Under the consortium about 4500 full text scholarly e-journals across the globe can be accessed. It covers almost all the areas.

**Scindia Oriental Research Institute** was established at Ujjain by the Regency Council of the erstwhile Gwalior state as a Manuscript Library in 1931. Government of M.P. transferred the management of the Institute to the Vikram University in 1961. The Institute has a collection of more than 20,000 manuscripts including BHURJA PATRA and PALM-LEAF manuscripts. A number of rare manuscripts in the collection have illustrations painted in bright colours and gold.

The library of printed books consists of more than 15,000 volumes. The Institute has some prestigious publications to its credit. The Vikram commemoration volume printed separately in Hindi, Marathi and English is known as an important academic contribution of the Institute. There are old maps of Mahabharata battle formations and landscape, and copies of Srimadbhagavata on leaves and special rolls. The Indira Gandhi National Centre for the Arts (IGNCA), New Delhi, has selected and microfilmed more than 4000 manuscripts. The Institute has its own Microfilm unit as well as a Microfilm Reader facility. Scindia Oriental Research Institute has been selected as a Manuscript Resource & Conservation Centre for the state of Madhya Pradesh by the National Mission for Manuscripts, Department of Culture, Ministry of Tourism & Culture, and Government of India. This institute has many rare manuscripts of historical importance from 9th Century A.D. to modern times which are used for research purposes. Many important printed books are available for research work, especially subjects like Itihasa, Purana, Mahatmya, Katha, Kavya, Nataka, Campu, Neeti, Subhashita, Alamkara, Dharamshastra, Tantra-Mantra, Stotra, Vaisheshika, Sankhya, Yoga, Mimansa, Shaiva, Buddhism, Jainism, Vedanta, Veda, Upanisad, Karmakanda, Ayurveda, Kamashastra, Sahitya, Vastushastra, etc.

## **CRITERIA - V : STUDENT SUPPORT AND PROGRESSION**

### **Students' Welfare**

The Dean Students' Welfare (DSW) is in charge of all extracurricular activities, except sports. The Dean, usually, makes arrangements to assist the students to ensure suitable housing facilities, employment guidance, welfare, scholarships, cultural activities etc. The Dean-office also has a grievance re-dressal cell for students. The University has organized some events every year like M.P. state level Youth festival 2010 West zone, and Ravi ka Sankalp etc.

### **Health Centre**

A Primary Health Centre is situated on the University Campus to provide general health facilities to the employees and students of Vikram University. Four intercollegiate cultural events were organized by the University. Two Inter-university sports and one National cultural event were organized participated by the students.

### **1. Student Progression:**

Candidates qualified NET/SLET/GATE & Other.

NET = 28, SLET = 03, GATE = 02 ICSSR = 06 CAT=42 TOEFEL=21  
GRE=04, GMAT=24 Defence Entrance=01, Rajiv Gandhi Fellowship = 25  
Commonwealth Scholarship = 1

### **2. Student Support :**

University Placement cell is looking after the placement of students in various disciplines of science, management and arts. Coaching classes for NET, SLET and PSC for minority students is being imparted since last 10 years. Several sport activities - Youth Festival, West Zone Tournament organized. There is 100% placement of M. Phil. and M. Sc. students in various private colleges & industries.

#### **CRITERIA - VI : GOVERNANCE, LEADERSHIP AND MANAGEMENT**

The Executive Council (E.C.), Academic Planning and Evaluation Board, Standing Committee of Academic Council (A.C.), Board of Studies (BoS), Finance Committee, Research Degree Committee, Core Committee, Building Committee, Disciplinary Committee, Malpractice Enquiry Committee, are ordinarily the bodies that are involved in the administration of the University. The Governor, Vice-Chancellor, Rector, Director of College Development, Deans Student Welfare, Registrar, Deans of Faculties, Head of Departments, Finance Officer, Officer on Special Duty and Deputy/ Assistant Registrars are the officers of the University.

The University makes persistent efforts to refine the general governance system. Regular meetings of the Vice-Chancellor with the Deans, Heads of Departments, Directors/Coordinators to know the academic progress with reference to teaching schedules and research activities is an important tradition followed in the University. The meeting of the Executive and Academic Council is held regularly as per the Act. The Standing Committee to A.C. meets on every Friday and its proceedings are reported in the meetings of the Academic Council / EC held regularly.

The University established IQAC (Internal Quality Assurance Cell) as per the norms of NAAC soon after the first accreditation, to look after the quality aspects of the various components of the university.

The Academic Planning and Evaluation Board of the University regularly reviews the progress and performance of various functional divisions and prepares future development plans. In the last year the university has grant-in-add 2200 lakhs, total fees 1214 lakhs, self funded courses 124.8 lakhs as a financial resource. Teacher welfare fund, officer's club, workshops, seminars, refresher courses and guest lectures were organized.

Total number of workshop/seminar organized by University = 58  
Sports ground for various sports has been constructed.

#### **CRITERIA - VII : INNOVATION AND BEST PRACTICES**

The University has initiated the following Innovative Practices which received a good response from all sections. Plantation of more than 5000 plants has been initiated in last few years in University Academic and Administrative Premises. The campus was environmentally enriched by the 'Sanjeevani Vrind' in which 11000 amla trees were planted.



A very rich ‘**Botanical Garden**’ (awarded by MP State as Best Biodiversity Garden) having more than 200 species of rare and endangered plants is maintained. A huge pond “**Vikram Sarovar**” was constructed for rain water storage that also helped in increasing the ground water level in the University area. The campus has been declared ‘**No smoking Zone**’ for students/ staff members. To reduce air pollution, a new initiative has been taken not to allow motor vehicles (**No Vehicle Zone**) in the University campus on first and last Saturday of the month.

## **SWOC ANALYSIS: AT A GLANCE**

### **STRENGTHS**

- The University is pioneer in Moral and Ethical Values in the students in India and abroad. Vikram University has a great legacy since starting of M.P. state. Basically this University is a seat of Morality, Logic and Time calculation and Art and Culture.
- Admission and examination process including deposition of fees are online, results are declared on time following the Academic calendar. Vikram University is a one of the oldest University of India as well as Madhya Pradesh.
- Every year Convocation is held and degrees are awarded on time. On an average Vikram University has one lakh students in a year.
- In the beginning the University had 02 affiliated colleges but today 171 Government, Government aided and Private colleges are imparting education to the students under its jurisdiction of Ujjain Division.
- Research Projects are of high scientific, social and regional relevance. Publications in National and International level journals with good impact factors.
- Dedicated faculty with diversified research specializations, with externally funded major research projects and conferences and Seminars faculty all areas with various National and Internationals forum. Strong a well netted competent Office Staff.
- Institutions/Laboratories and a Huge Library with Computer and Wi-Fi facility.
- Well established students feedback system, redresser of student grievances through weekly held “Jan Sunvai”.
- Promotion of cultural activities through Youth festivals at National level and Sports activates at University level.

- An adequate Level Scholarship for Students in Research, education and Sports . A standard hostel Facility and Good guest House with sufficient staff quarters.
- A Mile stone work in the Field of Water Conservation(Vikram Sarover) and Environmental Development. (*Sanjeevani Vrand*).

#### **WEAKNESSES**

- Inadequate faculty strengths to meet the student-teacher ratio.
- Inadequate administrative and supportive staff for implementation of e-governance.
- Limited financial support from the State Government for expansion programmes and other facilities.
- Dependency on State Government for several policy decisions.
- Inadequate infrastructural facilities in affiliated colleges for achieving academic excellence.
- Insufficient research avenues in Arts, Sciences, Humanities and Social Sciences.
- Lake of Financial and other Recourses.

#### **OPPORTUNITIES**

- Proposals are under considerations for getting funds from RUSA (Rastriya Uchha Shiksha Abhiyan) and Other development Grants from UGC and Other Funding Agencies.
- Creating University with Potential of Excellence (UPE) and creating Centres for Advanced Studies.
- Planning to Introduce Choice Based Credit System (CBCS) with modular courses in PG programmes.
- Planning to establish International Collaboration to attract students from other parts of India and abroad.
- Establishment of more skill oriented programmes.
- Establishment of community Development college and Institutions.

- Construction of Convention Center (Auditorium Complex), Students facility Center,
- Scope for expansion of infrastructure towards establishing new departments in emerging
- Promote multidisciplinary research and issues related to local community.
- Scope for strong linkages with local industries for skilled human resource.
- Up-gradation of documentation and digitalization and other academic activities.
- Extension of Health Care services and Student-Teacher welfare Schemes with Office Staff.
- Promotion of Eco-friendly services on campus.

### **CHALLENGES**

- Establishing Potential of Excellence (UPE) and creating Centres for Advanced Studies.
- Introducing Choice Based Credit System (CBCS) with modular courses in PG programmes.
- Construction of Convention Center (Auditorium Complex), Students facility Center,
- Establishing International standard Student Hostel, International standard Guest House and Sophisticated Instrumentation Facility (SIF) and Visiting Scholar Complex.
- Up-gradation of documentation and digitalization and other academic activities.
- Recruitment of regular faculty in different disciplines to meet student-teacher ratio.
- To overcome difficulty in roping leading industries for manpower development, training and consultancy projects.
- To bring the various disciplines under one roof for promotion of collaborative and inter disciplinary research.
- Establishing world class infrastructural facilities for academic research.
- Attracting international students to the campus.

**Journey: At a Glance from 2002 to 2015**

	<b>2002</b>	<b>2015</b>
<b>Courses</b>	60	87
<b>Departments</b>	18	27
<b>Examination System</b>	Annual	Semester
<b>Admission</b>	Manual and Merit basis	Online and entrance tests
<b>Teaching Methodology</b>	Conventional	Audio – Visual, Smart Class Room, CBT etc.
<b>Academic/ Administrative Buildings</b>	18	33
<b>Research</b>	Ph.D. Awarded - 180	Ph.D. Awarded-490
<b>Computers</b>	100	255
<b>Internet facility</b>	Not available	Available
<b>Library</b>	-1,50,000 Books -Internet and download facility not available	- 1,82,000 books -25600 online journals -40 computers -Internet Facility -Free download facility -online journals -INFLIBNET