

**Institutional Accreditation of**  
**Jai Narain Vyas University, Jodhpur**  
(15-17 October 2003)

**Section 1. Preamble**

Jai Narain Vyas University - earlier known as the University of Jodhpur was established in 1962, with the aim of providing higher education to the Western part of Rajasthan and its neighbouring areas. The total land area of the University is 764.5 acres and is spread over different parts of Jodhpur city. The built up area of the University is 1,52,288 sqm. Dr. Sarvapalli Radhakrishnan, the then President of India inaugurated the University on 24<sup>th</sup> August 1962. Its goals and objectives were laid down by the inspiring speech of the illustrious President:

**"the young people, who will be educated in this university will go forward not as prisoners of the past, but as pilgrims of the future; will develop in them a spirit of dedication, a spirit of renunciation, a spirit of whole-hearted, single-minded concentration on the advancement of the knowledge, whether in science or humanities"**

The University is striving to fulfill the dream of Prof. S. Radhakrishnan through

- Provision of quality education in the areas of social science, humanities, languages, law and education;
- Generate highly trained and motivated human resources in the fields of science, technology and engineering; and
- Protect and promote the unique geography, geology, history, culture, heritage and flora and fauna of the region through various curricula for the sustainable development of the society

Keeping this in view, the University has established 36 regular teaching and research departments. It also has Affiliated Colleges (Govt. funded - 06; Self financed - 03), 02 Constituent Colleges, and 32 Post-Graduate Teaching Centres. There are 7 recognised Research Institutes/Centers to promote quality research along the frontier areas. At present, the University is offering 121 programmes to its students –UG (26), PG (39), Certificate Course (03), Diploma (01), PG Diploma (11), M. Phil. (02) and Ph. D. (35). These courses are offered through five faculties, namely, Engineering; Arts, Education and Social Sciences; Commerce; Law and Science.

The University has on its rolls 17,325 students in the UG Courses, 3671 students in the PG Courses, 13 students in the M.Phil and 754 in the Ph.D. programmes. As many as 75



students have been admitted to various Diploma and Certificate Courses, while the strength of the Self-financing Courses stands at 408. The success rate is 93 to 94% in the first batch and 84 to 90% in the second batch, while the drop out rate is 13% in the two batches. The unit cost of the education per student comes to Rs. 12640/-. The students of the University have been appearing in competitive examination and in the last five years 118 students have passed the UGC-NET, 35 SLET, 17 GATE, 39 GRE, 107 TOFEL, 5 GMAT, 4 Central Civil Services and 19 in State level Civil Service examinations. Thus, the development in these areas is highly encouraging.

A high percentage of teachers in the University have, Ph.D. Degree and others have the Masters Degree. During the last 5 years, the University has successfully completed 82 Research Projects, with a total outlay of Rs. 425 lacs. Currently, there are 63 on-going Research Projects, having a total outlay of Rs. 821.00 lacs. The Central Library of the University has 5,67,033 books and provides the INFLIBNET facility. In addition, most of the Departments have their own Departmental Libraries. The University has a Computer Centre and has introduced a compulsory subject in Computer Science, in all the UG Courses. It also has a well-established Academic Staff College, which regularly conducts Refresher Courses in various disciplines and provides Orientation Courses for the benefit of college & University teachers of this region and other states. The University has been encouraging the students to participate in sports, both, at the State as well as at the National level.

The University has the **Regulatory Authority** in the **Chancellor**, the **Governor of Rajasthan**, **Vice Chancellor**, **Registrar** and **Deans of the Faculties**. The **Statutory bodies** of the University consist of the **Senate**, the **Syndicate**, the **Academic Council**, the **Faculties**, **Committees of Courses & Studies**, **Departmental Council**, **Finance Committee**, and the **Planning and Evaluation Board**. These Bodies have representation of teachers from the University and affiliated Colleges.

The Jai Narain Vyas University has come forward to get itself accredited by NAAC. The University through a committee, comprising academicians prepared and submitted the Self Study Report to the NAAC. Thereafter, the NAAC constituted the Peer team consisting of Prof. R.P. Kaushik, Former Member of the University Grant Commission, New Delhi as Chairman; Prof. D.P.S. Verma, University of Delhi, Delhi; Prof. Nirmala Joshi, Jawaharlal Nehru University, New Delhi; Prof. K.P. Maheshwari, Devi Ahilya University, Indore and Prof. S. Ravichandra Reddy, Bangalore University, Bangalore as members. The team visited the JNVU from 15<sup>th</sup> to 17<sup>th</sup> October 2003 (both days inclusive) and made a detailed verification of the infrastructure facilities, support services and documents. The team also interacted with the various constituents of the University.

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Based on the evidences gathered, the team has prepared the Peer team report and has submitted it to the NAAC.

## **Section 2: Criterion-wise Analysis**

### **Criterion I: Curricular Aspects**

The University runs its academic programmes as per guidelines of the UGC with regard to updating its curricula and courses. Various departments, Humanities, Social Sciences, Law, Commerce, Management, Science and Technology as well as Engineering along with other affiliated Colleges in the city of Jodhpur, have attained an appreciable level of academic standard.

The University has implemented specific programmes in teaching, education, development and sustainable exploitation of cultural, historical, natural and geographical resources of the region. This has resulted in the introduction of several innovative programmes in arts, sciences, law, commerce, management and engineering, which reflect the rich cultural heritage of the region. Care is being taken to implement several women related academic programmes. Besides teaching, there is an excellent environment of research in almost all teaching departments of the University especially in various branches of Engineering and Science Subjects. An interdisciplinary approach has been adopted in the academic programmes, in Engineering, Science, Law, Social Sciences and Management Studies. It is appreciable to note that the University has introduced Computer Science as a compulsory subject for all undergraduate students including, Arts and Social Sciences.

Keeping pace with time, the University has introduced innovative job oriented courses such as Master of Tourism Administration, Public Administration and Master of Computer Applications. Games and sports are being promoted. The University provides equal opportunities to all the sections of the society, including the physically challenged, women and members of the weaker section of the society. Vocational, Certificate/Diploma and short-term degree courses are also being offered by the University. In some disciplines, the cut-off percentage for admission is 45%, but this shows only eligibility criterion. However, students admitted to various courses have been averaging between 58% and above. Some of the Departments like Engineering, Science, Commerce, Computer Science, Electronics and Communication have attracted students with high percentage of marks. There is an over-all enthusiasm of the students to seek admission in the University teaching departments.





## Criterion II - Teaching-learning and Evaluation

The students are admitted to B.E., M.B.A., and M.C.A. courses through the state-level entrance examination. But for the courses, such as Master of Tourism Administration, Diploma in Tourism and Hotel Management, and Master of Finance & Control, entrance test is conducted at the University level. Students are admitted on the basis of their academic record in the qualifying examination for the remaining courses. Wide publicity is given by publishing admission notices in National/ State level Newspapers. There is transparency in all admissions to different programmes.

Most of the departments (especially in the Science and the Engineering faculties) have their own departmental libraries. The Central Library caters to the needs of various departments and different disciplines of studies. Field training, field studies, projects, Seminars, Workshops, Visiting Lectures, Study tours, on the job training etc. are parts of various academic programmes. Regular tests and tutorials are held to evaluate the performance of students and removal of deficiency of an individual learner.

The University conducts special remedial/training of students belonging to weaker sections of the society. Continuous evaluation is made in all the faculties by conducting of regular tests and holding examinations and practical by monitoring them periodically. In some of the departments like Engineering, Business Administration, Computer application, and M.Sc. (Chemistry), the semester system has been introduced. In other departments, the annual system of examination is adhered to. There is no internal assessment and no grades are awarded. There is no credit system of examination. Paper setters are chosen at the state level for UG classes and at national level for PG classes. The time schedule of the examination is strictly observed. Faculty is recruited as per UGC/ State Government norms and is very well qualified. However, there is no recruitment for last two years due to the ban imposed by the State Government.

There is an active interaction of the faculty in all streams of learning with the academic community at the national and international level. The Faculty members are actively engaged in research and participate in National/International seminars. Refresher courses are organized by Academic staff College for the faculty members in their subjects of studies. The facility of computer center and Internet is available to all teachers and students. The University follows the self-appraisal method to evaluate teachers. Some departments are also bringing out journals in their area of specialization. About 12 teachers have availed study leave/sabbatical leave during last two years. **The faculty has won several prestigious awards/coronation** noteworthy among them are "ESCORTS award", "Mineral Award", "Jewel of India", Fellow of IUPAC, FNA etc. Most teaching



is done by well qualified permanent faculty. The evaluation process is unbiased and performance based. As a whole this part of Criterion is well satisfied by the University.

In addition to 'chalk and talk', modern methods of teaching like use of OHP Projector and LCD is also being practiced.

### **Criterion III - Research, Consultancy and Extension**

Majority of the faculty members are actively engaged in their research and have been guiding M.Phil / Ph.D. scholars in their respective departments. They have been operating research projects and publishing their new findings. It is impressive to note that presently Academic/Research projects amounting to **Rs. 8.21 crores** are operative in the University.

The Departments of Physics, Botany and Chemistry are recipients of the FIST Programmes. Their creative research is discernible, especially in the field of Mining, Geology, Biotechnology and Psychology. Research work is thus being pursued in the faculties of Science, Engineering, Management, Psychology, and Law.

The central library subscribes to 68 foreign journals and 256 national journals. The libraries of the faculty of Engineering and Commerce are well equipped to provide support to researchers. There are about 754 full time research scholars registered with the University. About 119 of the full time research scholars are getting research fellowships.

There are about 25 post doctoral fellows currently working in the University and five of them are Ph.Ds of other Universities. The research Board of the University monitors the standard of research. The University faculty takes advantage of the existence of several pioneering research institutions in the fields of defence, wild life, oil exploration, mining, remote sensing, ground water exploration etc in the city of Jodhpur.

The total number of research publications during last three years is 1043 and out of these 410 are published in international journals and 633 in national journals. A good number(446) of textbooks are being authored by the faculty of the University. During last three years the total number of Ph.Ds awarded is 298. There seems to be no formal mechanism to provide consultancy services. However, individuals of some departments are contacted by some agencies to provide consultancy services.

Consultancy services are provided in the fields of **Geo-Technical Engineering, High Voltage Engineering, Computer aided Design, Structural engineering, Geology, Chemistry, Zoology, Wild life Conservation, Botany, Biotechnology.** Consultancy is



also provided by the departments of Economics, Psychology, Languages, Home Science, Law, and Commerce. **Pioneering research work in basic sciences like Botany, Biotechnology, Mathematics, Geology, Chemistry and Psychology is being pursued.** A noteworthy sum of Rupees Fifty lakhs has been generated through consultancy.

The University undertakes extension activities in the broad areas of community development, Social work, Health & Hygiene, Adult Education, AIDS awareness, and Environment awareness. The National Service Schemes (NSS) organizes Camps through different units that are operational in different faculties. The students participate in community work like Plantation of Trees, Blood Donation Camps, Clean-Campus programme. The NSS has been active in generating awareness about the dangers of deadly diseases like AIDS and various types of Hepatitis. They organised rallies / street walks to educate and create public awareness. NSS is very actively engaged in various community development programmes. Students' Services Board organizes several co-curricular activities like Debate, Essay writing, Poetry, Cartoon making, photography, and several cultural programmes etc. All the three wings of NCC viz. Air, Army, Navy are operational in the University. The University cadet S.S. Shekhawat participated in the Himalayan Mountaineering. There is a good record of achievements and ongoing activities.

#### **Criterion IV - Infrastructure and Learning Resources**

The University has a vast land area of about 764 acres, out of which total constructed area is 152288 sq.m. For further expansion of the infrastructure the funds are obtained from the State Government/ UGC (SAP) / DST (FIST) etc. There is a Library Board headed by Vice-Chancellor to laydown the policy about functioning of the Library. As on date there are about 2,79,543 books in the Central Library. There are departmental libraries as well and good numbers of books are available in the libraries of faculties of Engineering and Commerce. The University has an mou with INFLIBNET facilities and will be operational shortly to facilitate research scholars and other University students.

The University has a Health Centre and offers free treatment to all students, teachers, officers, administrative & supporting staff and their families. The Centre has one senior medical officer, one compounder, one nurse, one lab technician and other required staff. The Centre has laboratory test facility for clinical test.

Good sports facilities are available. Athletic tracks, Football ground, Basketball court, Kho-Kho, Kabaddi, Cricket ground, Indoor gymnasium, badminton court, swimming pool, tennis court, hand ball ground facilities exist. Incentives are given to students proficient in sports. Many state level, regional level, and national level awards are won



by the students of the University. The University Science Instrumentation Center provides maintenance of scientific instruments of the University. There are 20 hostels out of which 10 are meant for the students of Engineering Faculty and 2 of which have been reserved for the girl students. Other 10 are meant for the students of other teaching departments. The hostel fee is minimal and facilities provided are very impressive in the sense that there are rooms with attached bathrooms in a couple of girls hostels. All the hostels have common facilities like mess/common room/dining space and are satisfactorily equipped. Because of the very low fee charged by the university, it finds it very difficult to maintain the buildings.

The grievance redressal committee consisting of HODs, Deans, and the-Registrar attends to the students' problems related to the examinations etc. The Proctorial Board of the University is responsible for maintaining the general discipline in and around the campus.

#### **Criterion V : Student Support and Progression**

The University has given an impressive list of students that have been admitted to its various programmes. The number of students admitted from the same State is - 21082; other States - 439; NRI - 02; Overseas - Nil. The drop-out rate (37%) is quite high but this reflects their migration as well as mobility from one course to another. The Student Service Board and Employment Bureau have been engaged in student academic career counselling.

In the Faculty of Engineering, the Training & Placement Officer (TPO) helps the students for campus interview. Besides this, the Students Services Board also facilitates in getting fellowships/jobs. State Government Employment Exchange is also located in the Jaswant Campus of the University and provides guidance and information to the students. In 2001-2002, the TPO has been successful in placing 85 students in various companies through Campus interviews. The trend continues in the same vein.

The Department of Psychology gives vocational counselling to students of various faculties. Merit and merit-cum-need based scholarships are awarded by the State Government to SC/ST students. University Research scholarships are made available to students in various departments. It has also been noted that several students have benefited from various categories of scholarships under the research projects funded by national funding agencies. Although the student feed-back is obtained in various departments, there is a formal system of evaluation of teachers by the students which is quite noteworthy.

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The University publishes its prospectus which gives pertinent information regarding the admission procedure, different academic programmes offered by the University, the fee structure and hostel facilities.

The faculty of Law has an Alumni Association established at the time of Golden Jubilee celebration. Many eminent Judges and distinguished scholars of Law are members of this Association, including Dr. L.M. Singhvi. This association is promoting academic activities and education in the field of Law.

The Faculty of Engineering (formerly MBM College) has also an Alumni Association. One Alumni member, Mr. Shyam Johari currently in the USA, has donated 'Tandem' Compaq Computer, costing about Rs.4 crores.

The University is yet to launch a general Alumni Association that could represent all segments of the university community.

The city being a tourist attraction as a former princely state, University could do well by launching more tourism related programmes.

#### **Criterion VI : Organisation and Management**

The University is governed by various statutory bodies, including the Senate, Syndicate, Academic Councils, Faculties, Departmental Councils, and the Planning and Evaluation Board. Regular review meetings with the Registrar and the Deans are held by the Vice-Chancellor to supervise the general functioning of the University. Steps have been initiated at the Syndicate, Vice-Chancellor and the Registrar levels to improve the management of the university.

Many Departments of the University have been able to get financial support under the Heads of FIST/SAP/COSIST programmes. Many research projects of the Engineering Faculty and the Science Faculty are being supported by funding agencies, including UGC/DST/DBT/CSIR/ICAR/AICTE/DRDO/ICFRF. The Reservation Policy has been followed as per directives of State Government.

There is a need for training of the administrative staff at various levels. No Administrative Staff Training programme is being taken up by the University.

The student study is highly subsidized and tuition fees are much below the actual cost of education.



Many faculty positions have been lying vacant, due to the imposition of a ban by the State Government.

### Criterion VII - Healthy Practices

The Jai Narain Vyas University has set the objective of providing need-based education to the people of Rajasthan and its neighbouring areas. Since its establishment in 1962, the University has been making efforts to introduce transparency in its operations, make the University people friendly by enabling the various sub-systems to reach out to the people's right to information and educational services. Towards achieving this objective, the University has been striving on different fronts to inculcate healthy attitudes and practices. Some of the noteworthy healthy practices are:

- Adoption of UGC guidelines in respect of internal quality check in academic and administrative matters.
- Introduction of computer science as a compulsory subject for under-graduate students in the Faculties of Arts, Education & Social Sciences; Commerce; Science; and Engineering.
- Evaluation of the performance of teachers in each Department by students through appraisal forms.
- Promotion of research in each Department. Several Departments have received financial support to sustain their research tempo and have established linkages with other Universities and institutes.
- Meeting the educational needs of defense personnel.
- Encouragement to students to participate in cultural and extra curricular activities has promoted the personality development of the students to show case their specific talents.
- The University promotes the practice of providing access to its resources to all sections of the society, including weaker sections, women, physically challenged individuals and economically backward people.
- The University has worked hard to remove gender bias and has provided increasing opportunities to girl students even in the technical faculty of engineering and other science subjects by providing them access to various facilities.
- Value based education is imparted through NSS/NCC/Rover Scouts activities which have played a key role in blood donation camps, community oriented programmes and developing clean environment in the campus.
- The University has established Proctorial and Student welfare boards and has thus set an example in promoting congenial atmosphere in the campus.



- It has also provided support to the weaker sections of the student community to improve their learning abilities by establishing coaching centre in the University.
- Involvement of teachers in recognition of talents of needy students and supporting them in professional training and nursing of mentally challenged children and providing them the mental back up to redeem their natural handicap is praiseworthy.
- Several projects of *Panchayat Raj* have been in progress to encourage women and weaker sections to gain necessary training for their legal empowerment.
- Provision of scholarships to engineering students and participation as members of Armed Forces in the heroic deeds of Kargil war are salient contributions of alumni of the University.
- The activities of the Universities are made known to the citizens, intellectuals and administrators of the state government through the publication of the journal *Saitu*, published by the Students Services Board.
- The overall academic ambience provided by the University to its needs is appreciable. It is expected that with the sustained developmental efforts, the University will be able to fulfill its ambition of transforming the students of the Western Rajasthan, into highly educated and talented individuals to face the challenges of life.

### **Section 3. Overall analysis**

It is highly appreciable that Jai Narain Vyas University is sincerely engaged in the evaluation and upgrading various functions of the University like teaching, examination, research, administration and providing high quality services to the student's community. The University has adhered to the norms of the NAAC and has prepared various documents pertaining to all the seven criteria as required by the Peer Review Process. The Peer Team of the NAAC has had the occasion to review these documents and have had extensive discussions with different segments of the University. The Peer Team has visited the various Departments and examined the support facilities in the University Campus.

It is appreciating to note that located near the Western border and in a difficult terrain of the country, the University is providing need base education to the people around the area. The following aspects are worth mentioning

- Introduction of semester system in UG/PG courses may uniformly be followed.
- There could be establishment of College Development Council to Co-ordinate and monitor the functioning of academic programmes in the constituent and affiliated colleges.



- There should be establishment of Distance Education Centre to provide education to needy in far flung areas and thus generate additional funds to the University.
- Efforts must be made to promote awareness for teachers to avail UGC – FIP Programmes.
- There should be full-fledged establishment of the Department of Physical Education to provide opportunity to the students in this part of Rajasthan to acquire skill and degrees in the field of Physical Education.
- Speedy steps must be taken to fill up the existing vacant positions as also implement CAS Programmes for the benefit of teachers.
- There could be appointment of a Director of Sports for the regular conduct of sports activities and to provide support to students to excel in sports and games.
- Efforts must be made to develop a herbal garden in the vacant land of the University for use as a source material for teaching and research and to generate additional revenue.
- The University may take measures to reduce the delay in issue of Degree Certificates to the students.
- They may also practice central evaluation in PG Courses for speedy declaration of results.
- It needs to establish quick and easy procedures for implementation of new courses.
- The University may generate resources through the enhancement of fee structure in PG Courses.

The NAAC Peer Team records its gratitude to the Vice Chancellor, Members of the Teaching Faculty and the Steering Committee for extending cooperation and support during the physical verification of infrastructure facilities and examination & review of the documents of the University. The Peer Team wishes the University to become a Centre of excellence in higher education in this part of the country.

*Name & Signature of the peer team members*

1. Prof. R.P. Kaushik *R. P. Kaushik 17/10/03*
2. Prof. D.P.S. Verma *D.P.S. Verma*
3. Prof. Nirmala Joshi *Nirmala Joshi*
4. Prof. K.P. Maheshwari *K.P. Maheshwari*
5. Prof. S. Ravichandra Reddy *S. Ravichandra Reddy*

I have gone through the report and agree with the evaluation of the peer team.

*Signature of the Vice-chancellor*



*Naseem Bhatia*  
**Vice-Chancellor**  
**Jal Narain Vyas University**  
**JODHPUR**