

Criterion-IV

Infrastructure and Learning Resources

Criterion IV: Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 How well endowed is the university in terms of physical infrastructure? (Classroom, administrative buildings, transport, water, power supply etc., to run the academic programme). Enclose the master plan of the university campus indicating the existing building and the projected expansion in the future.

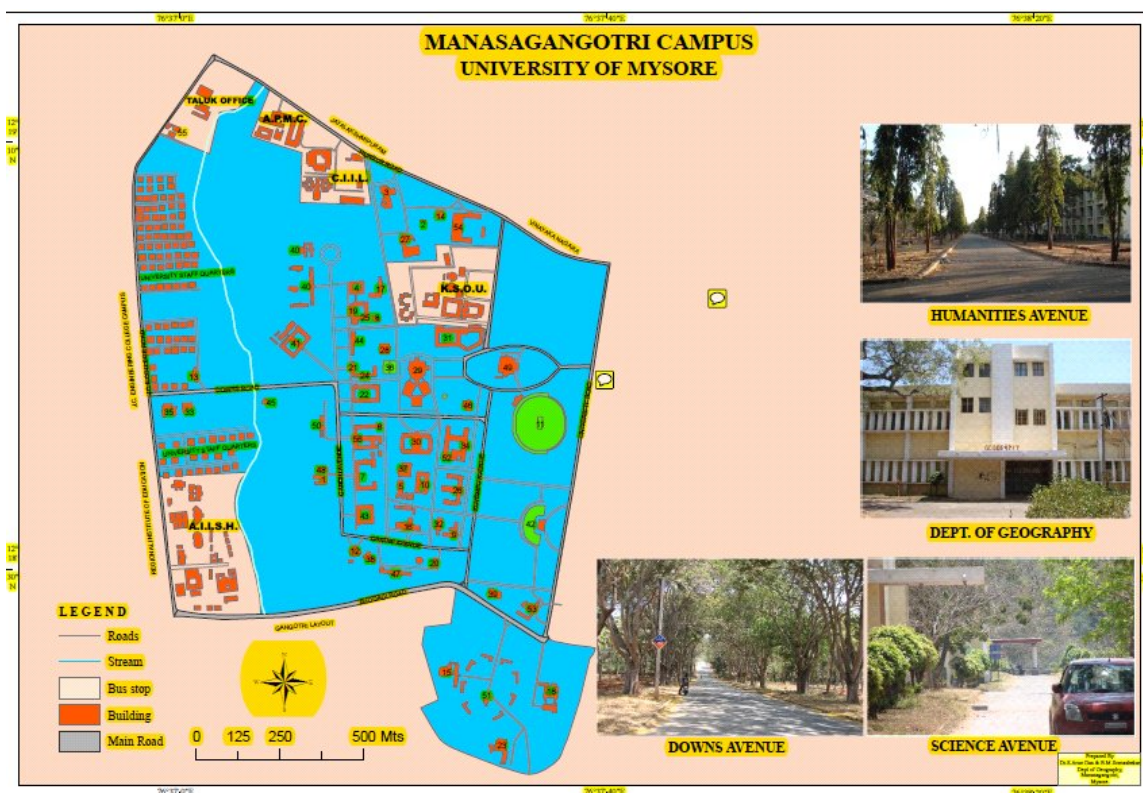
The University of Mysore owns fairly a good amount of land measuring 913 acres in the midst of the growing city. Various departments, institutes and supporting units are uniformly spread. This is perhaps the only University which has a natural lake in the midst of the campus with a water spread of over 100 Hectares. The University has three Post-graduate Centres located in Mandya, Hassan and Chamarajanagar. The Mandya Post-Graduate Centre has 80 acres of campus with adequate buildings to house several departments. Similarly, Hassan Post-graduate Centre located on the highway has 94 acres with all the required facilities. The Chamarajanagar postgraduate centre is located at a distance of 60 km from Mysore city and has 54 acres of campus.

The University takes pride in possessing several heritage structures. For sheer architectural beauty, sculpture and design, the University of Mysore can have no peers but only pride. Some of the princely mansions have become abodes of learning and research, supplementing the magnificent gifts of palaces of distinctive and exquisite architectural features. The Crawford Hall adds to the glory of the campus. Other prominent heritage structures which amplify the beauty of the campus are:

- 1) Crawford Hall - Built in 1940, houses the administrative offices of the University with a magnificent hall for organizing convocation and other important events with a capacity to accommodate 1500 participants.

- 2) Jayalakshmi Vilas Mansion - 100 year old edifice renovated recently by a generous grant from Sudha Murthy Foundation houses the University Folklore Museum. This museum is one of the best Folklore Museums in South Asia. (Details enclosed)
- 3) Oriental Research Institute (ORI) - Built in the year 1891 has drawn the attention of scholars all over the world.
- 4) Maharaja and Yuvaraj Colleges.
- 5) Vice-Chancellor's bungalow - Built in the year 1840 is located on the campus with a sprawling garden of 10 acres.

Master Plan of the Main Campus



**LIST OF BUILDINGS, SPORTS GROUNDS AND OTHER FACILITIES AT
MANASAGANGOTRI MAIN CAMPUS**

INDEX

1)	DOS IN ANCIENT HISTORY AND ARCHAEOLOGY & MIDDLE EASTERN STUDIES
2)	DOS IN ANTHROPOLOGY
3)	BABU JAGAJEEVAN RAM CHAIR
4)	BAHADUR INSTITUTE OF MANAGEMENT
5)	DOS IN BIOCHEMISTRY
6)	DOS IN BOTANY
7)	DOS IN CHEMISTRY
8)	CHILD CARE CENTRE
9)	DOS IN COMMERCE
10)	DOS IN COMPUTER SCIENCE
11)	CRICKET STADIUM
12)	DANIDA INTERNATIONAL HOSTEL
13)	DOWN SHOPPING COMPLEX
14)	DR. B.R. AMBEDKAR STUDIES
15)	DR.B.R. AMBEDKAR U.G. STUDENTS HOSTEL
16)	EMMRC BUILDING
17)	DOS IN ENVIRONMENT SCIENCE
18)	FINE ARTS COLLEGE
19)	DOS IN FOOD SCIENCE
20)	DOS IN GADHIAN STUDIES
21)	DOS IN GEOGRAPHY
22)	DOS IN GEOLOGY
23)	GOWTHAM U.G. STUDENTS HOSTEL
24)	DOS IN HUMAN DEVELOPMENT STUDIES
25)	HUMANITIES BLOCK
26)	DOS IN JAINOLOGY
27)	JAYALAKSHMI VILAS PALACE
28)	KUVEMPU INSTITUTE OF KANNADA STUDIES
29)	LADIES HOSTEL
30)	DOS IN LAW
31)	MANASAGANGOTTHRI HEALTH CENTRE
32)	MANASAGANGOTTHRI SCHOOL
33)	DOS IN MATHEMATICS
34)	DOS IN MICROBIOLOGY
35)	NATIONAL SCIENCE HISTORY STUDY CENTRE
36)	NCC CAMP
37)	NEW PG HOSTEL FOR MEN BLOCK II & III
38)	OLD PG HOSTEL FOR MEN BLOCK-I
39)	OPEN AIR THEATRE
40)	DOS IN PHYSICS
41)	DOS IN PSYCHOLOGY
42)	PUMP HOUSE
43)	ROUND CANTEEN
44)	DOS IN SANSKRIT
45)	SCIENTIFIC INSTRUMENTS CENTRE
46)	SENATE BHAVAN, CIST, AO OFFICE & SCHOOL OF DESIGN

47)	DOS IN SERICULTURE
48)	DOS IN SOCIAL WORK
49)	DOS IN SOCIOLOGY
50)	DOS IN STATISTICS
51)	INSTITUTE OF DEVELOPMENT STUDIES
52)	STUDENTS VILLAGE HOSTEL
53)	TENNIS COURT
54)	INTERNATIONAL SCHOOL OF INFORMATION MANAGEMENT
55)	UNIVERSITY EMPLOYMENT & PLACEMENT BUREAU
56)	UNIVERSITY GUEST HOUSE
57)	UNIVERSITY LIBRARY AND DOS IN LIBRARY & INFORMATION SCIENCE
58)	UNIVERSITY PRINTING PRESS & PRASARANGA
59)	WORKING WOMENS' HOSTEL
60)	DOS IN ZOOLOGY

4.1.2 What are the infrastructure facilities available for

- a. Academic activities
- b. Co-curricular activities
- c. Sports

Academic Activities

Most of the departments have developed the necessary infrastructure to meet the ever increasing requirements. Large number of departments has independent buildings and adequate class rooms, seminar halls, adequate space for laboratories and other co-curricular activities. The details of the facilities available are indicated in the profile provided by each department. However, we would like to place on record some of the features:

- 1) Each department has adequate number of class rooms equipped with state of art facilities including LCD projector, audio system, Computer, UPS and other accessories
- 2) All science departments have well equipped labs. Some of them are national facilities. Many science departments have obtained the status of UGC- SAP, DST-COSIST.
- 3) Each department has well furnished auditorium(s)
- 4) Select departments have good departmental Library
- 5) Well equipped central library within a walkable distance with huge collection of 6.5 lakh documents
- 6) Many departments have computer labs with Internet connectivity
- 7) Central Digital Information Centre is enabling access to over 15,000 e-journals, 40,000 e-books including e-book database from Wiley, Taylor & Francis and Springer.

Co-Curricular Activities:

- 1) Apart from each department having a well furnished auditorium with seating capacity of 100 to 150.
- 2) There are as many as 09 Auditoriums with seating capacity ranging between 250 and 1500. These include : Crawford Hall with 1500 seating capacity, Krishnaraja Wodeyar auditorium in Senate Hall with 780 seating capacity, Rani Bahadur auditorium (Air-conditioned) with 250 seating capacity, Humanities auditorium with 350 seating capacity, EMMRC auditorium with 200 seating capacity, Einstein Hall with 150 seating capacity, Centenary Hall with 700 seating capacity, Fine Arts College auditorium with seating capacity of 250,
- 3) The University also has an Open air theatre with seating capacity of 15,000.
- 4) The Archaeological and Folklore museum possessing 6500 artifacts depicts variety of cultural and heritage features of the region.
- 5) Gandhi Bhavan is another significant place for academic and cultural discourses. The serene environment in Manasagangothri itself is attractive for any kind of academic and cultural activities.

Sports Infrastructure

The University of Mysore has very good sports infrastructure. The University has following sports grounds and such other facilities to promote sports activities. These include :

- 1) Swimming pool measuring 50 x 22 meters (International standard) with 12 stations Multi Gym, changing rooms, etc.
- 2) Gymnasium hall measuring 120 x 80 feet with the provision for indoor volleyball, basketball, Gymnastics, Table Tennis, Weight Lifting and Three Badminton Courts and with other basic amenities.
- 3) 400 meter Standard Cinder Track with a provision of meeting hall, and rest rooms at Eastern side of the track.
- 4) Two Cricket grounds on which one is Standard Cricket Stadium with six Turf Pitches at Manasagangothri Campus with Players Pavilion, Spectator Gallery to accommodate 15,000 spectators along with other facilities.
- 5) Multi Gym – 16 stations at Sports Pavilion Building.

- 6) Four Basketball Courts, out of which two are of them are cement surface.
- 7) Two Football Grounds.
- 8) Two Kho-Kho Courts.
- 9) Three Kabaddi Courts.
- 10) Ten Tennis Courts with one provided with flood light facility, and changing room facility.
- 11) Three Volleyball Courts.
- 12) Enough Open Space for other small area games.
- 13) Wrestling Hall measuring 15 x 15 mts with toilets and changing room facilities
- 14) Two Hockey Fields.

4.1.3 Has the institution augmented the infrastructure to keep pace with academic growth? If yes, specify the facilities and the amount spent during the last five years.

The University has taken the necessary measures to augment the infrastructure to keep pace with academic growth. The following are the additional buildings constructed and other infrastructure resources developed during the last five years:

I. Renovation and Up-gradation of Buildings, Hostels & Laboratories

- 1) Modernization and up gradation of 39 class rooms(1 in each department)with ICT facilities
Repair and up-gradation of Humanities Block Auditorium (Rs.6.25 Crores)
- 2) Repair and up-gradation of Centenary Hall at Maharaja's College Premises
- 3) Renovation of Union Building at Maharaja's College Premises
- 4) Up-gradation of University Fine Arts College Auditorium
- 5) Renovation and up-gradation of Institute of Development Studies (Leela Vihar) building
- 6) Repair and up-gradation of Biochemistry Laboratory and building
- 7) Up-gradation of Botany Laboratory
- 8) Up-gradation of Physics Department Laboratory
- 9) Up-gradation of Zoology Laboratory
- 10) Up-gradation of Microbiology Laboratory
- 11) Repair and up-gradation of New PG Gents hostel
- 12) Repair and Up-gradation of Old PG Gents hostel
- 13) Up-gradation of Village hostel
- 14) Up-gradation of Gautham hostel

- 15) Up-gradation of Maharaja's college hostel
- 16) Up-gradation of Ladies hostel
- 17) Up-gradation of New Ladies hostel
- 18) Canteen at Manasagangotri
- 19) Canteen at Maharaja College Campus
- 20) Rejuvenation and up-gradation of Kukkaralli Lake

II. New Buildings Construction Completed

- 1) Parikshabavan at a cost of Rs. 4.5 crores
- 2) International Students Hostel at a cost of Rs. 3.5 crores
- 3) Yuvaraja's College Auditorium and New Academic Block at a cost of Rs. 3.5 crores
- 4) Academic Staff College Guest House (Rs.1.28 crores)
- 5) Building for Department of Studies in Microbiology (Rs.2.5 crores)
- 6) New Block for Department of Studies in Environmental Science (Rs.74 lakhs)
- 7) New block for BBM at Maharaja College campus
- 8) New block for Department of Studies in Social Work
- 9) New Block for Department of Studies in Commerce
- 10) New block for Department of Studies in Chemistry
- 11) Annex to Bahadur Institute of Management Science and Two Smart Class rooms and the Library building (Rs.1.68 crores)
- 12) Maharaja's College Students Hostel (New block) (Rs.3.25 crores)
- 13) Yuvaraja's College Ladies hostel
- 14) PG Students hostel (Block III)
- 15) PG Ladies hostel (New block)
- 16) Women's Facilities Centre

III. Buildings under Construction

- 1) Kuvempu Institute of Kannada Studies Auditorium
- 2) Jainology Department Building
- 3) New Block for Biochemistry Department
- 4) New block for BBM at Maharaja College campus

- 5) D. B R Ambedkar Studies, Research and Extension Centre Auditorium
- 6) New building for Jagjivanram Studies, Research and Extension Centre
- 7) Building for Digital Information Resource Centre at Manasagangotri
- 8) PG Ladies hostel (New block)
- 9) Additional block for Department of Studies in Library and Information Science
- 10) Additional block for Department of Studies in Ancient History and Archeology
- 11) University Guest House (Additional block)
- 12) Library – cum – Computer Laboratory at PG Centre, Mandya
- 13) Library – cum – Computer Laboratory at PG Centre, Hassan
- 14) Quarters for Non - teaching Staff at PG Centre, Mandya
- 15) Quarters for Teaching and Non - teaching Staff at PG Centre, Hassan
- 16) Academic Building at Satellite Centre, Chamarajanagar
- 17) Day-care center has been built and is being used by all the faculties in the university.
- 18) Under Ford Foundation, a separate department “International School of Information and Technology” has been built and being used to impart higher education.
- 19) DANIDA Guest House.

Ongoing projects

- 1) Establishment of Satellite Centre at Chamarajanagar and starting of MBA, MSW and M.Com courses.
- 2) Establishment of Internal Quality Assurance Cell(IQAC)
- 3) Establishment of Statistical Cell
- 4) Establishment of Centre for Proficiency Development and Placement Services
- 5) Establishment of UGC- NET and K- SET Centre
- 6) Establishment of Jagjivanram Studies Research and Extension Centre
- 7) Solar and steam cooking facilities to Hostels
- 8) Establishment of Digital Information Resource Centre at Manasagangotri with 125 computers and Internet facility at Maharaja’s College, with 40 computers each at PG Centre Hassan and PG Centre Mandya, and with 20 computers at Satellite Centre, Chamarajanagar.
- 9) Restoration and Development of Kukkarahalli Lake
- 10) Restoration of Heritage Buildings
- 11) Maintenance of Buildings, Roads, Electrical installations

- 12) Central facility to all faculty and administrative staff (Nearly 700 BSNL lines have been provided) to improve the communication system.
- 13) Networking of the entire administrative branch.
- 14) Illumination of Crawford Hall and Jayalakshmi Vilas Mansion
- 15) Installation of high mast lights for improving the campus lighting.
- 16) Animal House
- 17) Rearing House

4.1.4 Has the institution provided facilities like common room, wash/rest room for women students and staff?

Each department on the campus has a separate common room and a rest room for women students and staff. In addition a Central Women Facilities Centre has been constructed very recently.

4.2 Maintenance of Infrastructure

4.2.1 What is the budget allocation for the maintenance of :

	2006-07	2007-08	2008-09	2009-10	2010-11
a. Land	75,00,000	75,00,000	80,00,000	81,61,000	85,00,000
b. Building					
c. Furniture	10,00,000	10,00,000	10,00,000	10,00,000	10,00,000
d. Equipment					
e. Computers	2,00,000	2,00,000	5,00,000	5,00,000	5,00,000
f. Transport	20,00,000	20,00,000	20,00,000	20,00,000	25,00,000

4.2.2 How the budget is optimally allocated and utilized?

The University has planned its activities and priorities where fixed and economy budget has been allocated and utilized. The details of the total expenditure incurred in the last five years by the University for the maintenance of buildings are given below:

Sl. No.	Financial Year	Outlay (in Rupees)
1	2006-2007	35,263,847.00
2	2007-2008	39,690,000.00
3	2008-2009	44,990,000.00
4	2009-2010	44,586,929.00
5	2010-2011	54,180,000.00

The technical procedures are scrupulously followed, as there are Building Committee and Finance Committee to ensure the transparency and quality of the work.

The University has made concerted efforts to mobilize resources to augment and strengthen the infrastructure. The budget allocated for all the developmental activities is fully utilized. The Planning, Monitoring and Evaluation Board and Development Section monitor the progress of the work. The UGC allocation during X and XI plans for infrastructure development and also the State Government allocation are fully utilized.

It has been contemplated to undertake and complete the following developmental works to improve the infrastructure of the University:

- 1) Providing Cauvery river water supply to Manasagangotri, Mysore
- 2) Conversion of low tension and high tension electric lines at Manasagangotri, Mysore
- 3) Maintenance of Kukkarahalli lake
- 4) Rain water harvesting
- 5) Installation of solar street lights and high mast lightings at Manasagangotri, Mysore
- 6) Furnishing and interior decoration to Auditoriums at Senate Hall and Crawford Hall
- 7) Upgradation of water supply and sanitary lines at Manasagangotri
- 8) Installation of solar water heaters at various hostels
- 9) Computerization and networking of office administration
- 10) Expansion of communication facilities.
- 11) Adoption of green technology in the university campus

4.2.3 Are there staff appointed for maintenance and repair? If not, how are the infrastructure facilities, services and equipment maintained?

The University has the practice of outsourcing the maintenance of infrastructure facilities and as well as equipments. Hence, equipment maintenance and maintenance of infrastructure facilities has been outsourced. While outsourcing such tasks the government directions such as inviting tenders through Government of Karnataka e-procurement platform is scrupulously followed. However, few core staff for maintenance of equipment and to undertake supervisory

tasks have been employed. This has helped the University to improve the services considerably. This has also made a significant impact on the upkeep of the campus.

4.2.4 How is the infrastructure optimally used?

The University has created adequate infrastructure to meet the requirements of the faculty and students for carrying out curricular, co-curricular and extracurricular activities. Not only adequate resources are allocated for maintenance but additional facilities have been added every year. The infrastructure facilities such as equipments, instrumentation facility, sports grounds, auditoria, etc., are put to use by the faculty members, Research Scholars and students of the University of Mysore to a maximum possible extent. To ensure that these facilities are used by scientists, industrialists, teachers and students of colleges, the instrumentation facility, major equipments, the sports grounds and auditoria are being thrown open to the public on nominal charges. The library sources are also made available to teachers, students and to the public on payment of minimum charges. The log book for recording the utilization of equipments particularly is maintained and the same is often reviewed by the coordinators of the projects. Thus the resources, services and infrastructure facilities in the University is being used optimally not only the students and teachers within the university but also by others.

4.3 Library as Learning Resource

4.3.1 How does the library ensure access, use and security of materials?

Mysore University Library has developed a comprehensive collection of documents useful for the faculty, research scholars and students of the University. Apart from conventional book resources, the library collection includes journals, reference works, report literature, theses and dissertations, maps and atlases, microforms, audio-video cassettes and CD-ROMs. The collection grew rapidly due to financial assistance from the UGC and books received on gratis by leading national and international educational institutions, R&D organizations and also from the donors. The library has housed many special collections, archives and rare books of research value.

The University Library is centrally located and 600 to 900 students visit the library every day. The library is also extending membership to the scholars, scientists and writers of Mysore city. Enough care is taken to maintain and also ensure security of the library materials. Security personnel has been deployed in two shifts to monitor security of the library collections as well as the belongings of the students who deposit them at the property counter.

4.3.2 What are the facilities available in the library? (Computers, Internet, reprographic facilities etc.)

Digital Information Resource Centre (DIRC) is equipped with 120 internet browsing terminals. The faculty members, research scholars and students are permitted to browse for one hour a day by producing ID cards. The Centre functions from 8 a.m. to 8 p.m. and on average 500 users avail the facility every day. Students and research scholars rely upon the Centre for accessing the following library facilities and digital information resources:

- On-line Public Access Catalogue (OPAC)
- Career Information Service
- Electronic Information Resources
 - E-Journals
 - E-Books
 - E-Theses
 - E-Bibliographic Databases
 - Institutional Repositories of Academic and Research institutes of national importance.

Around 7000 full-text on-line journals being extended from INFLIBNET Centre can be accessed from DIRC. As the above digital resources and catalogue of the University Library is web based, the faculties, researchers and the students can access all of these information services either from the work place or hostels. The users can also log on to the Library web page from any part of the world. Provision is also made for remote access using User ID and Password. Hence, any library member can access the digital information services covering e-journals, e-books and e-theses from any part of the world.

The user statistics of DIRC is most encouraging. When the centre was started in May – June 2010, the total users for the month of June was 1692. The users’ attendance on average per day stood at 113. However, after orientation / user education, the user statistics gradually increased and the statistics for the month of November was 2152 , which further increased to 5401 during March 2011.

DIRC Monthly Use Statistics									
Month	Students		Research Scholar		Faculty and Others		Total		
	Number	Percentage	Number	Percentage	Number	Percentage	Number	No. of Users Per day	No. of Working days
Jun-2010	1331	78.67	331	19.56	30	1.77	1692	112.8	15
Jul-2010	2013	79.10	505	19.84	27	1.06	2545	97.88	26
Aug-2010	1340	80.48	290	17.41	35	2.10	1665	64.03	26
Sep-2010	1280	79.50	310	19.26	20	1.24	1610	67.08	24
Oct-2010	1400	73.88	460	24.28	35	1.84	1895	86.13	22
Nov-2010	1600	74.35	510	23.70	42	1.95	2152	89.66	24
Dec-2010	1700	79.15	388	18.06	60	2.79	2148	85.92	25
Jan-2011	1903	79.69	410	17.17	75	3.14	2388	99.5	24
Feb-2011	1650	73.60	512	22.84	80	3.56	2242	101.90	22
Mar-2011	4500	83.32	800	14.81	101	1.87	5401	216.04	25
April-2011	6296	94.06	357	5.33	40	0.59	6693	318.71	21
May-2011	8391	94.34	435	4.90	68	0.76	8894	370.58	24
June-2011	7157	93.93	411	5.39	52	0.68	7620	304.08	25
July-2011	3823	88.79	447	10.38	36	0.83	4306	187.21	23
August-2011	7246	89.73	765	9.47	65	0.80	8076	310.61	26
Sep-2011	10989	94.59	577	4.96	52	0.45	11618	484.08	24

Oct-2011	8206	92.65	608	6.86	43	0.49	8857	421.76	21
Nov-2011	10649	92.93	757	6.61	53	0.46	11459	498.21	23
Dec-2011	7885	89.40	867	9.80	69	0.80	8841	353.64	25
Total	89359		9740		983		100102		

While considering the statistics of users during the subsequent months, the degree of use drastically increased to 8844 in May 2011 and, further increased to 11618 in September 2011 and 11459 in November 2011 bring the user per day to 499. About 500 members avail the internet browsing facility everyday, unless there is vacation or examination. The library is extending photocopy facility to the library users.

4.3.3 How do the library collections cater to the needs of the users?

During the period 2010-11, the Reference Division has attended to 814 long range queries. In addition to this, 831 queries have been answered to the library members with relevant archival records and 53 queries of researchers and academicians of outside institutions during the period 2010-11.

REFERENCE AND ARCHIVAL DIVISION (Statistics of Reference Service Rendered)

Period	Reference Service Rendered to the Library Users		Archival Section Queries Attended	
	Short Range	Long Range	Library Users	Outside Visitors
2006-07	4317	751	796	37
2007-08	4452	776	814	42
2008-09	5110	814	831	51
2009-10	5016	793	810	44
2010-11	5212	814	831	53

Journals are subscribed on priority basis by seeking the approval of all the departments. Similarly, noticing the needs of research scholars and students' books and other documents are also procured. For this purpose large book exhibition was conducted giving the students and researchers opportunity to browse and recommend the titles useful for them. The list was perused and counter signed by the chairpersons of the departments. Depending on the requirement, some important books/reports have also been procured on inter-library lending scheme from other institutions/libraries like USIS, The British Council and other Universities.

Several extension programs have been conducted in the libraries of constituent colleges and the University Library. The routine programs that are being regularly organized by the library include Book Exhibitions, Book Talks, Book Display corresponding to the occasion of seminars and national festivals; special lectures on topics of common interest, workshops on functional English, communication skills, general knowledge and so forth. During National Book Week and Dr. S.R. Ranganathan's (Father of Library Science) Birthday Celebrations, invited talks have been conducted. On such of these occasions, books especially dictionaries will be given as prizes to those students who have borrowed maximum number of books from the library and also to those who regularly made use of the reference collections in the library. The University Graduate Library organizes such of this extension program periodically.

The University Library has been extending reference facility for those who appear for competitive examinations like KPSC and UPSC including UGC and K-SLET entrance tests. Further, the libraries have also started extending reference as well as borrowing facilities to the public of Mysore City especially, the user group comprising scientists, writers and scholars. The University Library has been conducting user education programs every year. The programs include orientation to the various library facilities and services such as

- 1) Access to digital information service
- 2) Access to full-text e-journals, e-books and e-theses, including Institutional Repositories
- 3) Access to on-line catalogue
- 4) Facilities and services of various sub-divisions of the library
- 5) Library rules and regulations

The Orientation Programmes are being conducted in order to create an awareness among the fresh students of the various post-graduate departments about the proper utilization of the library and its resources and services; to give first hand information about the library and to provide them a closer acquaintance and more familiarity about various aspects of the library system. This programme is quite educative and informative and also bridges the gap between the library staff and user community. Orientation Programmes cover instructions about the physical arrangement and organization of the collection of the University Library, its functions and services, both traditional and Information Technology related services. Here, library Rules and Regulations, including Do's and Don'ts would be briefed to the students. This programme enhances the usage of the library to the optimum level

Several orientation programs have been conducted for teachers and research scholars mainly on e-resources and browsing "Sci Finder" (Chemical abstracts) and "Science-Direct" online journals. Faculty and research scholars of the post-graduate departments have been guided as to the access to the e-resources. The programme has also been conducted for the teachers and researchers of constituent colleges and PG Centers. Orientation lecture was delivered on the "fresher day" covering the facilities and services of the conventional and digital wings of the University Library, as well as University Graduate Library.

4.3.4 How does the library ensure purchase and use of current titles, important journals and other reading materials?

The Library subscribes to Indian periodicals recommended by the departments. The current periodicals also include quite a number of journals being received on gratis. The division also subscribes to newspapers and magazines that are in demand. However, the library is facilitating access to UGC Info net journals, including various links to e-journals, e-books and institutional repositories of R&D institutions. The following are the statistics relating to periodicals that are being subscribed currently.

Sl. No.	Indian Periodicals	No. of Titles
1.	Periodicals subscribed	240
2.	Periodicals on gratis	62
3.	Magazines and Newspapers	49
	Total	351

The current issues of periodicals are displayed subject-wise, and within the subjects, the periodicals are arranged alphabetically by titles. Further, the division accommodates the bound back volumes of periodicals. The periodicals reading hall and the stacks run to the extent of almost 300 feet in length.

Reference works, Government publications, theses, report literature including archival materials are maintained in this division. The users here are provided with carrels for concentrated studies and Wi-Fi Antenna, so that, they may log on to the websites anytime to get access to information. The Reference Division constitutes the following collections in its holdings.

Resource Collection in Reference Division

Sl. No.	Collection type	Total number
1	Reference Works	18800
2	Theses and Dissertations	12500
3	Report Literature	13500
4	Archival Materials and Rare Documents	4575

Archival collection in the division constitutes mainly the Administrative Reports of the Princely State of Mysore and Records on Mysore History. Apart from these materials of historical importance, the library has also maintained some of the old and rare publications and archival materials of the University of Mysore which are related to the period of its inception.

4.3.5 If the library has an archives section, to what extent is it used by the readers and researchers?

Archival collections: The Library has maintained archival collections in the Reference Division. These materials of historical importance constitute Administrative Reports of the Princely State of Mysore, Constituent Assembly Debates, History of Mysore and the Archival Records relating to the University of Mysore. About 4575 archival materials are preserved in the library apart from 70000 manuscript collections housed in Oriental Research Institute of the University. The archival collections are going to be digitized (from the point of preservation) and can be accessed on line by the scholars under Institutional Repository of the library special collections.

4.3.6 How are on-line and Internet services in the library used by students and faculty? Specify the hours and frequency of use.

The Internet services are exclusively provided to the students in the library and students regularly make use of the facility. All faculty members have access to Internet. Most of the departments have provided connectivity to the faculty, office – staff and computer lab. The network enables the faculty to access independently and in some departments common Internet facilities are also created. The Information and Communication Division (ICD) proposes to enlarge this facility to cover not only the entire campus but also other supporting units including affiliated and autonomous colleges.

4.3.7 Are the library services computerized? Does the institution make use of INFLIBNET/DELNET/IUC facilities? If yes, give details.

The University Library System has adopted KOHA library automation software to manage its functions and extend services. The PG Centre libraries, libraries of advanced study centres and various departmental libraries, including constituent college libraries have adopted KOHA, the open source software. The customization and training has been handled by OSS Labs, Cochin. The following are the major areas where the software is being used to manage the functions and services:

➤ Cataloguing

- Circulation
- Acquisition
- Periodicals
- Membership records

The students are provided with bar-coded ID cards which enable them to borrow books. Further, students can also log-on to the library website and know what books they have borrowed and how many are still due to the library. The members can also reserve the books on line before some one borrowing the specific book from the library. The members can even recommend books to the library for procurement from home / hostel / department. The web based on line access catalogue has few special features: It also projects related titles with images from Google Scholar on the topic of search for any book chosen by the users. Another special feature is that the software enables to browse the shelves of books, i.e., one can brose what other books are there on the library shelves, sitting at home / department.

More than anything,, the on-line catalogue makes provision to confine the search to (1) Collection Type (Fiction, Kuvempu Studies, Gandhian Studies, Career Oriented Books etc.) and (2) Collection Code (Textbooks, Journals, CDs, Theses etc.). Further, one can conduct search for books confining to a particular library or conduct search covering all libraries of the University.

The library membership records in the on-line database (using cloud computing technology) enables to send intimation through e-mail. The user records also depicts the blood group which helps the library to provide the contact details of those who are willing to donate blood when there is need for rare group of blood.

4.3.8 For how many days is the library kept open in an academic year? How many hours is the library open per day?

The library is being kept open on 355 days and the working hours is from 8.00 A.M. to 8.00 P.M. During general holidays, the library functions from 10.00 a.m. to 5.00p.m. Adequate staff is provided to manage functions and services effectively. During general holidays, the Career

Information Resource Centre (CIRC) is kept open from 10.00 AM to 5.30 PM. During regular days, the library functions in two shifts.

4.3.9 Does the library have an advisory committee? What are its functions?

The Library Advisory Committee comprising of all deans of faculties under the chairmanship of the Vice-Chancellor oversees the functions and services of the library and suggests from time to time for continual improvement of the library system and services. Problems and prospects of the library services will be discussed and corrective measures will be recommended for implementation.

4.3.10 Amount of money spent for new books, journals during the last five years?

Acquisition division procures books and non-book materials recommended by the concerned chairpersons of the post-graduate departments. The chairpersons forward the list of recommended titles taking into consideration the requirement of the faculty members, research scholars and the students of their department. While recommending books important aspects such as emergence of new disciplines, inter-disciplinary subject areas, introduction of new papers, revision of syllabi, and commencement of new courses have been considered. The below table furnishes the details of the funds utilized along with the number of books added to the library.

BOOKS ADDED TO MYSORE UNIVERSITY LIBRARY FROM 2005-2011

Sl. No.	Period	Books	Expenditure
1	2005-2006	1324	11,38,067=00
2	2006-2007	1234	9,70,447=00
3	2007-2008	1004	9,18,684=00
4	2008-2009	2418	27,29,489=00
5	2009-2010	1512	12,83,207=00
6	2010-2011	4996	65,30,063=00
	TOTAL		1,35,69,957=00

NOTE: Grants utilized under the head –

1. UGC 11th Plan grant
2. GRA grant
3. SC/ST Books grant
4. Special grants (SAP/PSFS/MBHM)

4.3.11 How does the library motivate students/teachers to read existing and new arrivals?

The University Library has been conducting user education programs every year. The programs include orientation to the various library facilities and services such as

- 1) Access to digital information service
- 2) Access to full-text e-journals, e-books and e-theses, including Institutional Repositories
- 3) Access to on-line catalogue
- 4) Facilities and services of various sub-divisions of the library
- 5) Library rules and regulations

The Orientation Programme is being conducted in order to create an awareness among the fresh students of the various post-graduate departments about the proper utilization of the library and its resources and services; to give first hand information about the library and to provide them a/c loser acquaintance and more familiarity about various aspects of the library system. This programme is an educative and informative and also bridges the gap between the library staff and user community. Orientation Programme covers instructions about the physical arrangement and organization of the collection of the University Library, its functions and services, both traditional and Information Technology related services. Here, library Rules and Regulations, including Do's and Don'ts will be briefed to the students. This programme enhances the usage of the library to the optimum level

Several orientation programs have been conducted for teachers and research scholars mainly on e-resources and browsing "Sci Finder" (Chemical abstracts) and "Science-Direct" on-line journals.

Faculty and research scholars of the post-graduate departments have been covered as to the access to the e-resources. The programme was also conducted for the teachers and researchers of

constituent colleges and PG Centers. Orientation lecture was delivered on the “fresher day” covering the facilities and services of the conventional and digital wings of the University Library as well as University Graduate Library. The Reference Section and Archival Section have been extending effective services

4.3.12 What are the special facilities offered by the library to the visually challenged and physically challenged person? How are they used?

The University Library is establishing **Learning Resource Centre for Visually Challenged (LRCVC)**. The LRCVC is the internet browsing facility for the visually challenged with appropriate software and hardware. The blind and partially blind users can also access the e-journals provided by UGC-INFLIBNET CENTRE as well as e-books purchased to the library. The Centre is going to be equipped with 9 browsing multimedia terminals. The Library has provided ramps for the physically challenged.

4.3.13 List the Infrastructure Development of the Library over the last five years:

The Infrastructure developed in the Library over the five years include:

1. Established digital information resource centre with 120 Internet browsing terminals
2. Additional digital information resource centre with 65 Internet browsing terminals for research scholars (New Wing) has also been established.
3. Established Career Information Resource Centre with study carrels and internet facility
4. Provided 30 Computers for making OPAC entries on KOHA Software- mainly for library automation functions
5. Added Digital Display Board and Fax cum scanner equipment/ facility
6. Also added Bar code printers and scanners.
7. Provided Wi-Fi Antenna
8. Equipped with 165 Computer carrels and computer chairs.
9. Added Book display boards, 7 HP Printers, 3 (10 KVA) UPS, 3 (5 KVA) UPS
10. Established Manasa Media Center (Seminar Hall)

The University Library System has adopted KOHA library automation software to manage its functions and extend services. The students are provided with bar-coded ID cards which enable them to borrow books. Further, students can also log-on to the library website and know what books they have borrowed and how many are still due to the library. The members can also reserve the books on line before someone borrowing the specific book from the library. The members can even recommend books to the library for procurement from home / hostel / department. The web based on line access catalogue has few special features: It also projects related titles with images from Google Scholar on the topic of search for any book chosen by the users. Another special feature is that the software enables to browse the shelves of books, i.e., one can browse what other books are there on the library shelves, sitting at home / department.

More than anything,, the on-line catalogue makes provision to confine the search to (1) Collection Type and Collection Code. Further, one can conduct search for books confining to a particular library or conduct search covering all libraries of the University. The library membership records in the on-line database (using cloud computing technology) enables to send intimation through e-mail. The user records also depicts the blood group which helps the library to provide the contact details of those who are willing to donate blood when there is search for rare group of blood.

Provision is made for continuing education program including deputation to attend national and international conferences and seminars. Professional staff has attended academic programs as delegates with research papers. Three among the professional librarians possess doctorate degree and further, two among them are guiding for doctoral research. All the library professional staff and the Library Project Assistants have been attending the intensive training on the application of KOHA Automation Software. Several workshops of one day (6 sessions) have been conducted during the past two years. The library staff has conducted orientation programs in the University Library as well as PG Departments including constituent colleges on accessing

- 1) On-line library catalogue
- 2) Electronic information resources
- 3) Web of Science
- 4) SciFinder

The Library has been organizing group discussions and interaction sessions for librarians and project assistants quite frequently. These sessions help the librarians and project assistants who are involved in automation projects of the library to clear their doubts and maintain uniformity and consistency in data entry. The regular training and workshops help in maintaining quality of work and service. Interaction sessions also augment clear understanding of the practical problems and improve individual knowledge and skills. The major training programmes and workshops that have been conducted for the library staff and the Library Project Assistants

Staff Training Program

Provision is made for continuing education program including deputation to attend national and international conferences and seminars. Professional staff has attended academic programs as delegates with research papers. Three among the professional librarians possess doctorate degree and further, two among them are guiding for doctoral research. All the library professional staff and the Library Project Assistants have been attending the intensive training on the application of KOHA Automation Software. Several workshops of one day (6 sessions) have been conducted during the past two years. The library staff has conducted orientation programs in the University Library as well as PG Departments including constituent colleges on accessing

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The Library has been organizing group discussions and interaction sessions for librarians and project assistants quite frequently. These sessions help the librarians and project assistants who are involved in automation projects of the library to clear their doubts and maintain uniformity and consistency in data entry. The regular training and workshops help in maintaining quality of work and service. Interaction sessions also augment clear understanding of the practical problems and improve individual knowledge and skills. The major training programmes and workshops that have been conducted for the library staff and the Library Project Assistants on the following subject areas of practical relevance during 2010-11 are:

Training Programmes and Workshops Conducted

- 1) Training programme on LINUX Operating System
- 2) Workshop on Google Search Engine for retrieval of information
- 3) Orientation on NewGenLib automation software
- 4) Orientation on KOHA automation software
- 5) Training on KOHA Acquisition Module
- 6) Training on KOHA Cataloguing & OPAC Modules
- 7) Training on Circulation & Serials Modules
- 8) Field visit : SDM IMD : Management Institute Library.
- 9) Workshop on Functional English with Book Display (UG Library)
- 10) Demo on accessing Wiley-Blackwell e-book collections

The Library staff has also been deputed to attend training / workshops conducted by the reputed organizations at the national level. The senior teaching faculty from the Department of Library and Information Science have also handled (7 sessions) orientation classes on Cataloguing, MARC Standard Format, Rendering Subject Headings, Library Automation Software and Linux Operating System. A few professional librarians and the DIRC staff have also been deputed to undergo training on networking and handling internet servers.

4.4. ICT as Learning Resources

4.4.1 How are the faculty facilitated to prepare computer aided teaching/learning materials? What are the facilities available in the university for such efforts?

The University takes pride for having established computer facilities as early as 1974 and the process of using this infrastructure for automation of administration was introduced quite early. The DRDO, Government of India provided additional funds for developing this infrastructure and also to offer the post-graduate programme in 1985. The M.Sc in Computer Science was sponsored by the DRDO by creating additional computer infrastructure and today this has become the Central Computer Centre. Faculty training, Orientation Programmes have been conducted to train the faculty. Technical support and different packages are made available to the faculty.

At present, the University campus has in all more than 1700 terminals. Many departments wherein the computer based course is introduced and independent lab raising between 25 and 60 computers with necessary accessories and software including UPS have been provided. Even in departments like Kuvempu Institute of Kannada Studies, computer laboratory with 40 computers and Kannada software have been provided. These computer laboratories are being used by the respective departments for teaching and learning and as well as accessing digital information sources provided by the Central Library.

All the faculty members are provided with PCs and Laptops to enable the access to e-resources at the place of their working and also use laptops in computer aided teaching.

The University of Mysore is proud of having EMMRC. The EMMRC of the University of Mysore is involved in preparing e-content for certain subjects. Some of the faculty members of the University of Mysore are trained by EMMRC to prepare e-content and also to impart computer based education. This has helped majority of teachers to undergo training in preparing computer aided teaching/learning materials and as well use this facility in their teaching.

Digital Information Resource Centre in the Central Library is equipped with 120 internet browsing terminals. The faculty members, research scholars and students are permitted to browse for one hour a day by producing ID cards. The Centre functions from 8 a.m. to 8 p.m. and on average 500 users avail the facility every day. Students and research scholars rely upon the Centre for accessing the on line journals, e-books and other digital information resources.

The CD-ROM Browsing facility is being extended to the library users. The library has CD-ROM Databases on 20 disciplines. These are mainly the bibliographic and abstracting journals and databases from Silver Platter, USA. Apart from these indexing and abstracting CD-ROM Diskettes, the collection comprises of Digital Video CDs and collections on various educational and scientific topics. The library facilitates the users in browsing the CDs of their interest.. The University Library has a collection of 28 CD-ROM databases, some of which are with back files starting from 1885. The collection also comprises of the databases which are of directory type giving details of institutions, programmes and contact addresses. The current trend is accessing web based information, rather than browsing CDs. Web resources are rather current with up-to-date statistics. Therefore, the users rely much on the internet than CD-ROMs.

Career Information Resource Centre (CIRC) was declared open by Sri Gonal Bheemappa, Chairman, KPSC, Bangalore on 29th September 2011. The Centre functions from 10 a.m. to 8 p.m. on all working days and from 10 a.m. to 5.30 p.m. on Sundays and general holidays. The holdings of CIRC include recent publications covering:

- 1) General Knowledge/Current Facts
- 2) General Aptitude / Reasoning
- 3) General English/Functional English
- 4) Numerical ability / Arithmetic

The CIRC has been used by number of students who take-up competitive examinations, appear for UPSC and KPSC examinations, including UGC and K-SLET entrance tests. Candidates who appear for Bank Examinations, Railway Recruitment Board Examinations, DRDO Examinations, CSIR Entrance Tests and so forth rely upon the collections for up-to-date information sources.

The collections of CIRC are being constantly updated based on the recommendations of students and subject specialists. Quite a number of magazines and periodicals covering current events and statistics are being subscribed to the Centre, both in English and Kannada languages.

Career Information Resource Centre (CIRC) Use Statistics

2011 Month	No. of Students	%age	No. of Researchers	%age	No. of Faculty	%age	Total Users
October	451	76.8	92	15.7	44	7.5	588
November	686	85.6	80	10.0	35	4.4	801
December	873	81.9	149	14.0	44	4.1	1066

The students rely upon the Career Information Centre to a great extent. The fact has been demonstrated with the users' attendance. The users for the month of December 2011 stood at 1066, bringing the average visitor per day to 41. The centre has been equipped with adequate functional furniture, including study carrels for concentrated study. The centre is also provided with 5 internet browsing terminals so that users at any moment can log on to the Career Information Portal for question bank as well as information on various competitive examinations. The portal also supports browsers with useful tips in preparing resume and writing skills.

CAREER INFORMATION PORTAL: Users can log-in to the University website and browse career information provided on the library web page. Here, one can access Karnataka Gazette and Employment News including basic facts and guidelines on the following:

- 1) Preparation of resume/bio-data
- 2) Question bank of UGC entrance tests
- 3) KPSC and UPSC examinations
- 4) Formats of applications and certificates
- 5) Syllabi of various competitive examinations

The students who face various competitive examinations can get information on-line from remote access as well.

Suggestion Box: The Suggestion boxes kept at two places are meant for collecting recommendation forms indicating new books to be added to CIRC and Active Stack Area. The resources, especially of CIRC are being constantly updated based on the feedback of the user groups comprising mainly of research scholars and post-graduate students of the campus.

HANDLING GRIEVANCES: The Library web page depicting the links to the e-resources indicates the names of professional staff and their contact telephone numbers and e-mail ID. While accessing the e-resources, in case the users come across any difficulty or technical problem, they may contact the library professional staff who is in-charge of DIRC for immediate solutions and answers. The staff in-charge of DIRC, mainly the Library Visiting Professor and Assistant Librarian are efficient and quick enough to attend to the online queries. The queries are mainly related to access to full-text journal articles, facilitating access to new electronic versions of journals, purchase of e-books, access to SciFinder (Chemical Abstracts) and using / accessing Web of Science and Web of Knowledge. The System Administrator and Hardware Technicians also work in shifts to extend support to the users and immediately attend to the breakdown of internet facility.

4.4.2 Is there a central computing facility, If yes, how favorable are its timings, access and cost to both students and faculty?

Most of the departments have well equipped infrastructure for extending the computing facilities. The details are available department wise. In addition, the University has central computer infrastructure with nearly 200 computers accessible to faculty, research scholars and students. The P.G. Centres are also provided digital information centre with 40 computer terminals.

University Computer Centre in the University of Mysore. It was established in the year 1980 under the UGC scheme to primarily meet the computing needs of the faculty, researchers and administration. The centre also imparts IT education to students of the campus and also to the general public. 10 staff members including technical personnel manage this Centre.

It has collaborated with ECIL, Hyderabad and M/s. E-COSMOS Technologies Ltd., Bangalore to impart industry-oriented skills in the emerging field of IT and embedded system. It is also conducting training programme for Social Welfare Department of Government of Karnataka and other agencies like LIC, Mysore City Corporation and RMP.

Apart from these, training is imparted to the faculty, researchers and administrative staff of the Finance and Examination Section. Teaching assistance is extended to several departments in the campus such as Applied Botany, Economics, Commerce and MBA to mention a few.

4.4.3 How are the computers and its accessories maintained in the department?

The computers and their accessories including UPS are maintained by appointing professional service agencies through annual rate contract.

4.4.4 What is the output of the various departments in development packages for their discipline?

The Educational Multi-Media Research Centre formerly known as Audio Visual Research Centre (AVRC) was established in 1996 at the University of Mysore. EMMRC produces educational video for the 24 hour Higher Educational Channel (GD-Vyaas) and Doordarshan's National Network DD-1. EMMRC involves the subject experts of the academic institutions from all over the country to produce well-researched, quality educational video programmes for National level telecast.

EMMRC- Mysore has taken all the measures to educate the students in the semi-urban and rural areas by producing standard video lecture programmes in English and in vernacular languages. This Centre which is a master in regional telecast has successfully produced a good number of programmes in various disciplines like Pure Sciences, Social Sciences and Linguistics for the Kannada regional telecast. EMMRC has produced 400 Educational programmes for National Telecast including 9 National Award Winning programmes in these years.

The Production types are: (30 minutes each)

- 1) Countrywide Class Room Programmes in all subjects
- 2) Enrichment Programmes (for GK)
- 3) General Programmes of the Universities and Public
- 4) *e*-Content packages for webcasting
- 5) Learning Object Repositories (LORs) for web casting
- 6) Lectures for Live telecast through EDUSAT (Nodal centre for live telecast)
- 7) Consultancy/Promotional Video.

Some departments have procured the necessary packages like statistical packages, CAD and other Softwares required. They are used for teaching and research purposes. Accounting software has been developed by the staff of the Finance department. Similarly, library software has been also developed by the staff. Attempts have been made by the faculty to develop software like Unicode in Vidyanidhi Project.

4.5 Other Facilities

The University had the advantage of developing good physical infrastructure over the decades as several works/activities were taken up on different occasions depending on the requirement. The massive expansion was possible largely because of the munificent support received from various agencies including MHRD under the Scheme Institution of Excellence.

4.5.1 How many students stay in the hostel? How many rooms are there in the hostel? Is the accommodation sufficient to meet the demand?

There are 17 hostels in total accommodating 3561 students including 98 working women's and 97 Research scholars (84 men and 13 women). There are 985 PG students (men) and 1611 are UG students(men). Among 867 women students 54 are UG students and remaining are PG students. The details of hostels and the number of students (male & female) are provided in the table given below:

Hostels for Post-Graduate Students

Sl.No.	District	Name of the Hostel	No. of students
1.	Mysore	PG Hostel for Men – main (Block-1)	393
2.	Mysore	PG Hostel for Men (Block-2)	310
3.	Mysore	PG Hostel for Men (Block-3)	227
4.	Hassan	PG Hostel for men	20
5.	Mandya	PG Hostel for men	35
		Total	985

Hostels for Undergraduate Students

Sl. No.	District	Name of the Hostel	
1.	Mysore	Gowtham Hostel	334
2.	Mysore	Dr.B R Ambedkar Hostel	226
3	Mysore	PG Hostel for Men – 9 th main, Saraswathipuram,	166
4	Mysore	Maharaja College Hostel	361
5	Chamarajanagar	Hostel for SC/ST UG Men	170
6	Mysore	PG Hostel for Phy. Edn Students	69
7	Mysore	Village Hostel for UG Men	285
		Total	1611

Hostels for Women Students

1.	Mysore	PG Hostel for ladies (New Block)	393
2.	Mysore	PG Hostel for ladies (Old Block)	377
3.	Mysore	UG Hostel for ladies	54
4.	Chamarajanagar	PG Hostel for ladies	43
		Total	867

Hostels for Working Women

Sl. No.	District	Name of the Hostel	
1.	Mysore	Working Women Hostel	98

GRAND TOTAL =3561

4.5.2 What facilities are provided in the hostel?

Reading room, recreation hall, sports materials for indoor and outdoor games are provided in all the hostels. All rooms in Ladies Hostels are provided with solar hot water facility. Some of the Gents Hostels are also provided with Solar hot water facility. Each hostel is provided with dining facility. Ladies Hostels have 24 hours security and are provided with common computer lab facility with 28 terminals having internet connection. Efforts are being made to create Yoga platform and Gym facility in certain locations for the benefit of Hostel dwellers.

4.5.3 What are the facilities provided by the health center?

There are two Health Centres – one at Manasagangothri campus and the other at Maharaja's College UG Campus. There are two qualified Doctors in each of the Health Centre. They are assisted by supporting staff. These two Health Centres provide medical facilities to University employees – teaching faculty and non teaching staff , research scholars and students. The Health Centres are equipped with X-ray and ECG facilities. Enough stock of medicines are stored and provided to the patients. Several health camps are organized to create health awareness. In addition, blood donation camps are held periodically. A separate ward is also provided in one of the units. These units are planning to equip with laboratory facilities and also maintain health directory of the employees to provide details of health status. The University has taken a major initiative by enabling the employees to come under the health insurance cover.

4.5.4 What are the physical and infrastructure facilities available for the sports and physical education centre?

Sports Infrastructure

The University of Mysore has very good Physical and infrastructure facilities for sports and Physical Education personnel. Following are the sports grounds and such other infrastructure facilities available for Physical Education personnel:

- 1) Swimming pool measuring 50 x 22 meters (International standard) with 12 stations Multi Gym, changing rooms, etc.
- 2) Gymnasium hall measuring 120 x 80 feet with the provision for indoor volleyball, basketball, Gymnastics, Table Tennis, Weight Lifting and Three Badminton Courts and with other basic amenities.
- 3) 400 meter Standard Cinder Track with a provision of meeting hall, and rest rooms at Eastern side of the track.
- 4) Two Cricket grounds on which one is Standard Cricket Stadium with six Turf Pitches at Manasagangotri Campus with Players Pavilion, Spectator Gallery to accommodate 15,000 spectators along with other facilities.
- 5) Multi Gym – 16 stations at Sports Pavilion Building.
- 6) Four Basketball Courts, out of which two are of cement surface.
- 7) Two Football Grounds.
- 8) Two Kho-Kho Courts.
- 9) Three Kabaddi Courts.
- 10) Ten Tennis Courts with one provided with flood light facility, and changing room facility.
- 11) Three Volleyball Courts.
- 12) Enough Open Space for other small area games.
- 13) Wrestling Hall measuring 15 x 15 mts with toilets and changing room facilities Two Hockey Fields

4.5.5 How does the institution ensure participation of women in intra- and inter-institution sports competitions?

The Department of Physical Education which caters to the sports needs of students community was established in the year 1928 and functions under the guidance of University

Sports Committee. The department has adequate qualified technical, semi-skilled and non-technical personnel: 4 Assistant Directors, 3 Coaches of University of Mysore, 5 Coaches of SAI, 16 Grounds men, 3 Administrative assistants, a Swimming Instructor, 3 Life Guards, and 5 semi-skilled Employees.

The major functions of this division are: maintenance of sports facilities, selecting, coaching and sponsoring the students for inter-university participation, conducting inter-collegiate and inter-university competitions, conducting summer coaching camps, training of sports persons of other private and public agencies, sparing the services of the departmental technical personnel to various government and private agencies to organize refresher courses, workshops and tournaments, motivating students, helping the university to evolve the sports policies, organizing and conducting sports training and competitions in the constituent colleges and post graduate centers.

In the history of the universities in India, University of Mysore was the first to introduce physical fitness as mandatory requirement for men participating in the inter-university competition. The intention is to achieve higher goals and perform better in the tournaments besides maintaining physical fitness. The department proposes to introduce physical education as a compulsory curricular subject which may pave the way for inculcating discipline and development of physical fitness amongst the student's community.

The physical fitness developed by participating in the novel programme will go a long way in students securing the jobs in the Armed forces, Police, Forest, Fire services and Excise departments. The department proposes to popularize yoga amongst the student population by providing instructions. Therefore, the department proposes to organise fitness and sports programme to the prisoners. The foreign students pursuing different courses in the University of Mysore are by and large segregated and much of interaction with the Indian students is not taking place. To rectify this, the department in consultation with the advisor of the foreign students proposes to provide technical assistance in conducting sports activities to the Foreign students and Indian students. Many students of the University of Mysore have distinguished themselves in the International Sports arena. To name a few, Miss. J.J. Shobha, a former student of our university has represented India in Olympics at Athens, Mrs. Reeth Abraham (Athletics), B.M. Geetha,

Hemalatha, Sujatha (Women's Hockey) have represented India in Asian games, Mrs. Zarin Ayanna, Reshma Chengappa, Dechamma, Divya (Basket Ball), Supriya in Volleyball have represented India. Mr. Anthony Moses, M.Com. student, has represented India in the World Body Building Competitions in Greece and Rome. Mr. Madhu Nagaraj, a former student of Manasagangothri has successfully swum the English Channel.

It is gratifying to note that year after year University of Mysore is represented in All India Inter-University competitions and several prizes have been won in various events. The University has done yeomen service to the community by extending the access to citizens of Mysore City to utilize the Swimming Pool. Thousands of children throng the pool in during summer months. Training programmes is also imparted. The same is true of Kukkarehalli lake where thousands of Mysoreans head for their morning and evening strolls.

Several plans are on the anvil for strengthening sports and other activities in the campus. They are:

- 1) Improving the facilities like floodlight fixtures
- 2) Resurfacing the cinder track
- 3) Involving as many students as possible including the foreign students
- 4) Expanding the Multi-gym and also starting the health club cum rehabilitation centre
- 5) Establish sports training centre in collaboration with Sports Authority of India.
- 6) The Department organizes regular intramural programmes in sports for students.
- 7) The department organizes projects to help students work on them and gain first hand experience.
- 8) Teachers work extra hours to help weaker students toward improving their performance.
- 9) Teachers assist the students and alumni of our department in preparing them for UGC/SLET/NET/CET examinations.
- 10) The department arranges special training for students desirous of taking examination to qualify as officials/Referees and Umpires in different sports and games.
- 11) Through talent search forum, cultural activities are organized frequently.
- 12) Teachers guide and counsel general public in fitness and sports.

4.5.6 Does the institution have a workshop/instrumentation centre? If yes, what are the physical and infrastructure facilities available in the centre?

The University had established two independent units viz., Central Instrumentation Service Laboratory (established in 1981) and University Science Instrumentation Centre (established in 1997) which were attached to the Department of Studies in Physics. The facilities provided in these two centres were common sources of analytical and investigational equipments which cannot be bought by each and every department as most of the instruments involve considerable outlay of resources and it has financial implications. To rejuvenate and develop in a proper system, these two units were merged and renamed as University Science Instrumentation Centre (USIC).

As the University grew steadily and most of the science departments attained UGC SAP status and as well DST-COSIST status they developed their own laboratories equipped with sophisticated equipments. During recent past need for upgrading central instrumentation centre emerged in the light of the Institution of Excellence Status and as well University with Potential for Excellence status. The DST also provided Rs. 9 crores as special grants to have scientific equipment instruments. Hence, the central Instrumentation Centre is further strengthened equipping all equipments costing more than Rs. 25 lakhs. This has also helped in ensuring optimum utilization of equipments by both scholars and teachers within and outside the university.

4.6 Best Practices in the Development of Infrastructure and Learning Resources

4.6.1 Describe the best practices for the development of infrastructure and learning resource adopted by the college with reference to physical facilities and its maintenance/library as a learning resource/ICT as learning resource and other facilities to create learning ambience?

Following are the best practices adapted by the University of Mysore in the development of infrastructure and learning resources:

Physical facilities

- 1) Involvement of alumni and creation of infrastructure and its maintenance.

- 2) Alumni is one of the important sources of creating the infrastructure. Though small in number, the University is successful in tapping alumni to assist in developing infrastructure. Dr.B.N. Bahadur, an alumni settled in USA contributed generously Rs.2.5 crores for construction of an independent building with adequate infrastructure such as classrooms, seminar halls, staff room, library and auditorium for housing Business Administration Department. Today around 350 students study in this department. The auditorium apart from being used heavily by the University for all its programs, the government departments, NGOs and even some public make use of this facility.
- 3) Sri Viswanatha, an alumni of the University and sitting M.P. has recently donated Rs.25 lakhs for construction of Babu Jagjeevan Ram Study Research and Extension Center. Sri. Siddaraju, another alumni and sitting MLC has donated Rs.7 lakhs for the same purpose. Sri C.P. Madhusudan, an alumni and sitting MLC has donated Rs.10 lakhs for construction of classrooms at Maharaja's college.

Attracting philanthropists to create, to restore and to maintain infrastructure. The University of Mysore being oldest has carried forward its heritage and uniqueness in its own way. It has as many as 14 heritage buildings built much before independence. Some of them are more than hundred years old and are different in their architectural design. These heritage buildings have attracted philanthropists who have concern in their restoration and maintenance. As such following are the philanthropists donated generously for the restoration and rejuvenation of these heritage buildings:

- 4) Mrs. Sudha Murthy from Infosys foundations, donated 1000 shares amounting to Rs.1.5 crores for restoration of Jayalaxmi Vilas Mansion built in 1905. Today this huge heritage palatial building possesses a unique archaeological and folklore museum with more than 6500 artifacts depicting culture, tradition and folk life of Mysore Kingdom and as well South India.
- 5) Dr.Doreswamy, the Founder Chairman of PESIST and sitting MLC has come forward to restore the heritage building where Dr.Sarvapalli Radhakrishnan resided when he was the Professor of Philosophy in the University of Mysore (between 1918 and 1921). The

restoration is expected to cost Rs. 80 lakhs. The University has plan to convert this heritage building into Dr.S. Radhakrishnan School of Philosophy and Museum.

- 6) Oriental Research Institute (ORI) is the Jewel in the Crown of the University of Mysore. Established in 1887, the ORI possesses nearly 70,000 manuscripts containing ancient indigenous knowledge. The ORI building built during 1891 has unique architectural beauty. For the restoration of this heritage building US Consulate, Chennai has donated US Dollars 50,000 from out of the US embassy fund meant for restoration of heritage buildings.

Library as learning resources

- The University has huge library network consisting of main library at Manasagangotri campus possessing nearly 7 lakh book collection, Graduate library at Maharaja's campus with nearly 2.5 lakh book collection, University Evening College library, Yuvaraja's College library, Fine Art College library, Academic College library, Libraries at three PG Centres and a large number of Departmental libraries are under one umbrella.
- An unique OPAC system with built in mechanism to key in the data and access the data from any centre of the library or its branches is made possible through integrated library software.
- Digital Information Resource centre with nearly 200 computers is heavily used facility. Any user can access more than 7000 journals and 40,000 e-books apart from huge text book database from widely Springer else ware etc. and others.
- Career information portal is another most important highly sort after venture providing information about the job opportunities, career planning including information useful for general public.
- The Library Webpage depicting the links to the e-resources indicates the name of professional staff and their contact and phone numbers. The users may contact any time and ask quires about various resources and services of the library, particularly electronic information resources.
- The Library has been organizing continuous orientation programs for students research scholars and faculty members to bring an awareness about the use of Library

Resources and services, more particularly about the various electronic resources available online and the methods of lectures in these resources.

For Re-accreditation:

1. **What were the evaluative observations made under Infrastructure and Learning Resources in the previous assessment report and how have they been acted upon?**

Observations:

Only two and they are

i) Library has LAN but not digitized.

Action taken: Several works have been completed and proposal to initiate new projects are under consideration such as:

- 1) Digitization of historically important and rare documents
- 2) Development of computerized database of Jnanapeeta Awardees in Kannada literature.
- 3) Biographical databases of Scientists, Litterateurs, Eminent National Personalities, Noble Awardees.
- 4) Digitization of Karnataka State Gazette.
- 5) Providing Bulletin Board Services.
- 6) Installation of CCTVs in major sections of the library.
- 7) Digitization of entire library system

ii) No special facilities are offered to visually and physically challenged.

- i. Ramps have been provided in all the departments and main library;
- ii. Attempts are made to establish internet browsing being centre with nine terminals

2. **What are the other quality sustenance and enhancement measures undertaken by the institution since the previous Assessment and Accreditation with regard to Infrastructure and Learning Resources?**

The University spans over an area of 913 acres. The Kukkarahalli Lake lies in the midst of the campus and it has become a natural habitat for many birds and aquatic life. Two of the University PG campuses are located in Mandya and Hassan at a distance 43 and 120 kilometers respectively from Mysore. The University takes pride in possessing heritage structures contributed by the erstwhile rulers and founders of the University. The Crawford Hall is the administrative centre of the University. The two University run undergraduate colleges, Maharaja's and Yuvaraja's, present an excellent environment amidst greenery and open spaces. In recent years, huge donations have been received from the alumni and industry for construction of modern buildings and restoration of heritage buildings.

Most of the departments have independent buildings and all science departments have adequate space for laboratory and equipments. The co-curricular activities are also provided with enough space like Open Air Theatre, Crawford Hall, Humanities Auditorium, EMMRC, Einstein Hall, Fine Arts Auditorium, CIST, Gandhi Bhawan, Senate Bhavan and state of the Art Auditorium at the Bahadur Institute of Management Sciences.

The University has built an International Hostel and a new Building for Microbiology. An additional floor for Zoology is under construction . There is a continuous effort in augmenting all infrastructure and requirements of all the departments. The University maintains these physical facilities through outsourcing the services. The total expenditure in the last five years for new construction is Rs. 120 crore.

Sports infrastructure facilities are excellent and there is a provision for sports and games in the PG and UG campuses. Special facilities include track fields, grounds for hockey and football, an oval cricket stadium, an indoor gymnasium and a swimming pool of Olympics standard.

The University is making concerted efforts to mobilize resources to augment and strengthen the infrastructure. The University has a separate Engineering Division for all the building construction and maintenance work. Common facilities are created for the benefit of students and faculty. These include several auditoriums, net-browsing facilities, reprographic centre, subsidized canteens, health centers, residential quarters for employees, primary school for employees' children, banks, post offices, bookshops etc. In the last two years, a feather in the University cap is the establishment of EMMRC to spread the academic programmes of the university to the other parts of the country through a dedicated channel.

There are separate hostels for boys and girls and also research scholars. A Working Women Hostel is also functioning in the campus. Nearly 3000 students are accommodated in 17 hostels. Two new hostels exclusively for SC/STs are being added with the financial assistance from the Union Ministry of Social Justice and Empowerment.

The University has established a Central facility of instruments with the state-of-the-art equipment under Institution for Excellence. Grant of Rs 100 crores for this purpose was given by MHRD, New Delhi in the year 2009. Further, under University for Potential of Excellence (UGC) out university has been selected for a grant of Rs 50 Crores in the year 2011 and is in the process of developing research facilities of high standard. Under PURSE program of DST, out university has been sanctioned a sum of Rs 9 Crores and research programs like procuring equipment have started using this grant. It also has a separate Publication Division called Prasaranga and a Printing Press. The garden department is active in clothing the campus with greenery and is consistently participating in the competitions and winning prizes every year. Under the Asian Development Bank plan, the Kukkarahally Lake has been rejuvenated and is kept open to the general public of the city of Mysore.

Quality sustenance and enhancement are the two basics tasks of any higher education institution with a good reputation. The University of Mysore received the A⁺ status from NAAC during 2006, and since then striving hard to sustain its quality and also to further enhance the quality in certain areas to stand globally competent. In this regard, the University has established a full Fledged Internal Quality Assurance Cell (IQAC) headed by a senior professor with experienced office staff. This IQAC is working hand in hand with the Planning, Monitoring, and Evaluation Board (PMEB) to implement new quality assurance policies from time to time. IQAC is bringing a general awareness among the teaching faculty and also the students' community on issues related to the teaching quality enhancement through students' feedback twice a year. Based on the feedback, the concerned teachers are counseled and encouraged for improvement, to undergo courses in communication skill, advised for learning the latest developments in their fields. To provide better working environment all the department laboratories have been upgraded and modernized. Many classrooms have been converted into Tech Savvy classrooms. Each teacher is provided with laptop. The library has provided remote access facility. It helps faculty and scholars to access e-resources sitting in any place within the country. Thanks to MHRD, Govt. of India for recognizing University of Mysore as Institution of Excellence and extending

financial assistance of Rs.100 crores enabled the University to improve the laboratories and other infrastructure facilities on the campus. The Library experts visit the individual departments and motivate the teachers for reading good quality research journals and to publish in high impact factor journals. This is receiving an excellent response from the teaching community. The University has introduced for the first time novel incentive schemes to promote the quality of research by awarding special grants to the teacher on an annual basis. The library facilities have been improved significantly to match with the current trends and the students are encouraged to use these latest facilities. A serene study atmosphere is created for the students on the campus. The hostel conditions are improved not only in terms of living facilities but are also well equipped with computers, internet, and sports facilities, gym facilities, etc. for the overall growth of students.

Likewise, the University has come out with several innovative programs for students and research scholars to improve their soft skill, proficiency, English language communication skill and team spirit through special training programs organized at the UGC-Academic Staff College, and also Center for Proficiency and Placement Services, which has been established by the University very recently. Also as mentioned in section 6.4.9 earlier, the non-teaching staff which is the back bone of the teaching and students' community, is trained periodically to adapt to the changing system of higher education. The coaching for competitive examinations for students is being well received, and also the bridge courses for the students to make up in their studies. The University authorities are promoting an all round quality enhancement among its teaching faculty, non-teaching staff and students' community through innovative schemes.

In the last three years, the University has witnessed a seminal growth in terms of high quality publications, h-index, citation index, research output, funding from various agencies, surge in the number of major research projects, number of UGC-SAP departments, establishment of new research centers, as evidenced by the special grants the university received very recently like DST-PURSE, CPEPA and UPE from UGC, etc. The University is full geared to step-up research activities to produce a large number of high quality research publications.