BHARATHIAR UNIVERSITY
Established by the Bharathiar University Act 1981
Accredited with 'A' Grade by NAAC
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CHECKLIST OF RESOURCES

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29.2.2008

1. FACULTY RESOURCES

Working Hour Norms:

Head of the Department	: 12 Lecture hours per week
Other Faculty Members	: 16 Lecture hours per week
~~2 hours of Lab is equal~~ to	: 1 ~~hour of Lecture~~ hour
1 ½ hours of UG Teaching is equal to	: 1 hour of PG Teaching

UG PROGRAMME: B.Sc (Software Systems)

First year : Semester I & II

S. No.	Subject	Instruc-tional Hours	No. of Faculty members required	Faculty Qualification requirements
1.	Language I and II	6+6	1	
2.	English I and II	6+6	1	
3.	Core Papers	8+5	2	(Including Lab) FC)
4.	Allied Papers - A	4+6	1	
5.	Foundation Course A (General Awareness)	2+2	—	
	TOTAL Lab :	4+5		

36 + 30 = 60 Hours.

Second year : Semester III & IV

S. No.	Subject	Instruc-tional Hours	No. of Faculty members required	Faculty Qualification requirements
1.	Language III and IV		—	
2.	English III and IV	—	—	
3.	Core Papers	14+12	2	(Including Lab & fc Diploma)
4.	Allied Papers - B	6+6	1	
5.	Foundation Course B	2+2	—	
6.	Diploma Courses & Lab	3+4	—	
	TOTAL Lab	5+6	—	

= 30+30 = 60 hours.

Third year : Semester V & VI

S. No.	Subject	Instruc - tional Hours	No. of Faculty members required	Faculty Qualification requirements
1.	Core Papers	16 + 15	7	
2. 3.	Diploma Courses -8Lab Applied	3+4 6+5	2	Including Lab & Diploma
	TOTAL Lab	5+6		

30 + 30 = 60 Hours.

PG PROGRAMMES:

First year : Semester I & II

S. No.	Subject	Instruc - tional Hours	No. of Faculty members required	Faculty Qualification requirements
1.	Core Papers			
2.	Others			
	TOTAL			

Second year : Semester III & IV

S. No.	Subject	Instruc - tional Hours	No. of Faculty members required	Faculty Qualification requirements
1.	Core Papers			
2.	Others			
	TOTAL			

2. FACULTY ROOM REQUIREMENTS:

S. No.	Requirements	Quantity	Specification
I. HOD's Room / Cabin			
1	Room	1	10 X 15 Sq. Ft.
2	Phone with intercom	1	
3	Computer	1	P4, Dual Core, 80 GB Hard Disk or more
4	Printer	1	Laser Printer
5	Internet Connection		
5	Steel Cupboard	1	6 x 1.5 feet
6	Filing cabinet	1	6 x 1.5 feet
7	Executive Table with Chair	1	6 x 4 feet
8	Visitors Chair	3	'S' type Chair
II. Faculty Members Room			
1	Table with Writing Pad, small cupboard, drawer and locking facility	1 for each faculty	4 x 2 feet
2	Chair	1 for each faculty	S' type Chair
3	Steel Cupboard	1 for each faculty room	6 x 1.5 feet
4	Computer	1 for each faculty room	P4, Dual Core, 80 GB Hard Disk or more
5	Printer	1 for each faculty room	Laser Printer
6	Internet connection	Yes	
7	Phone with intercom	1	
12	Typist with Computer knowledge in MS Office	1	

3. TEACHING AIDS (Can be shared with other Departments)

S. No.	Name of the Aid	Required quantity	Specification
1	Public Address System in the Seminar Hall (Amplifier, Mic, Speaker, etc.)	✓	
2	Television		
3	Video Recorder		
4	Computer with DVD player	✓	
5	LCD Projector	✓	
6	Over Head Projector	✓	
7	Video Camera		
8.	Dogmatic Camera		
9.	Document Reader		
10.	CDs and DVDs of subject related	✓	
11.	Audio Video Cassettes	✓	
12.	Video conferencing facility		

4. CLASS ROOM REQUIREMENTS:

S. No.	Requirements	Nos. required	Specification as per the Norms
1	Class room Area (Separate for each year)	3	Atleast 10 Sq.ft. per ~~class room~~. Student
2	Black Board or Fibre Glass Board	1	12 x 4'
3	Fan fittings	Yes	1 for every 125 Sq.ft.
4	Tube Light fittings	Yes	1 for every 100 Sq.ft.
5	**Furnitures in the Classroom**		
	a. Table & Chair for Faculty	Yes	One set per classroom
	b. Tables & Chairs for Students	Yes	One set per student
	c. Tables for equipments	Yes ✓	
6	15 Amps. Plug Points	Yes ✓	
7	OHP / LCD Projectors	1	
8	Screen Facility or Wall space for screening	Yes	

5. REQUIREMENTS FOR THE SEMINAR HALL:
(Can be shared with other Departments)

S. No.	Name of the Aid	Quantity	Specification
1	Area	100 X 30	3000 Sq.ft.
2	LCD Projector	1	
3	OHP	1	
4	Audio Video Equipments	1	
5	Television	1	
6	VCR	1	
7	Public Address System in the Seminar Hall (Amplifier, Mic, Speaker, etc.)	Yes	

6. LABORATORY REQUIREMENTS:

Norms: 50 Sq. Feet per student for Core courses
36 Sq. Feet per student for Allied courses.

S. No.	Requirements	Quantity required	Specification / Qualification
1	Lab Area		50 Sq.Ft. per Student / 36 Sq.Ft. per Student.
2	Lab Technician	1	B.Sc. in the relevant field.
3	Lab Attender	1	Pass in HSC
4	Stock Register	Yes	
5	Table size		3 x 1.5 for each student
6	Chairs / ~~Stools~~	1 for every Student.	
7	Tables / Chairs for Lab Technician	2	

S.No.	Equipments	Quantity required	Specification
8	I year	2 : 1	Latest Configuration , with Laser printer .
	II year	1 : 1	,,
	III year	1 : 1	,,

S. No.	Requirements	Quantity required	Specification
9	Racks / Room space for storing consumables	Yes	
10	Water supply	Yes	
11	Fire extinguisher	Yes	
12	Standby Power supply	Yes	
13	Wash room with sink	Yes	10 x 10 feet 2 tap connection
14	Preparation Room	Yes	12 x 12 feet
15	Instrument Room	Yes	20 x 12 feet
16	Store Room	Yes	20 x 20 feet
17	Culture Room	Yes	20 x 12 feet

7. COMPUTER LAB REQUIREMENTS:

Computer Student Ratio:

Non Computer Courses	-	**1 : 2**
Computer Related Courses	-	**1 : 1**
Area required	-	**20 Sq. ft. per student**

S. No.	Equipments Required	Quantity Required	Specification as per the Norms
1.	Computer Server	2	Xeon 3 GHz or more
2.	Terminals / Nodes	1 : 1	P4, Dual Core, 80 GB Hard Disk or more
3.	Tables & Chairs for Terminals	1 : 1	3 x 3 per terminal
4.	Air Conditioner	Yes	1 / 1.5 tons for 200 Sq. Ft.

S. No.	Equipments Required	Quantity Required	Specification as per the Norms
5.	**Softwares**		
	a. System Softwares: Windows NT / Windows Vista, etc. Office 2007. b. Application Softwares:	Yes	
6.	UPS	Yes	10 KV with one hour backup
7.	Generator	Yes	20 KVA
8.	Printer	Yes	One for every 10 terminals
9.	Scanner	Yes	
10..	Internet connection (High speed)	Yes	512 KB / 1 MB
11.	OHP / LCD Projectors	Yes	
12.	DVD Writer	Yes	
13.	System Analyst / Administrator	1	MCA (I Class) / M.E./ M.Tech (in Circuit branches) / M.Sc.(IT) / M.Sc. Computer Science (I Class) with one year experience in System Design / Software Development
14.	Technical Staff	1	First Class in PG of the subject concerned.

8. LANGUAGE LAB:

S. No.	Description	Quantity	Specification
1	Instructor	Yes	
2	Computers with Multimedia kit	Yes	
3	Relevant Softwares	Yes	

9. LIBRARY RESOURCES REQUIRED:
(Please enclose the list of Books and Journals)

a. BOOKS / JOURNALS / MAGAZINES

First Year

S. No.	Subject	Text Books (if any)	Reference Books	No. of Journals / Magazines
1.	Language I and II	5 titles	50 titles	2
2.	English I and II	5 titles	50 titles	2
3.	Core Papers per Subject	5 titles	50 titles	3
4.	Allied Papers	5 titles	50 titles	2
5.	Foundation Course A	5 titles	50 titles	2

Second Year

S. No.	Subject	Text Books (if any)	Reference Books	No. of Journals / Magazines
1.	Language III and IV	5 titles	50 titles	—
2.	English III and IV	5 titles	50 titles	—
3.	Core Papers	5 titles	50 titles	5
4.	Allied Papers	5 titles	50 titles	2
5.	Foundation Course B	5 titles	50 titles	2
6.	Diploma Courses	5 titles	50 titles	2

Third Year

S. No.	Subject	Text Books (if any)	Reference Books	No. of Journals / Magazines
1.	Core Papers	5 titles	50 titles	5
2.	Diploma Course	5 titles	50 titles	2

b. LIBRARY STAFF REQURIED:

S. No.	Requirements	Required No.	Qualification
1.	Librarian / Assistant Librarian	1	Any Master Degree with M.Lib.
2.	Library Assistants	1	Any Bachelor Degree with B.Lib.
3.	Supportive Staff	1	Any Degree

c. LIBRARY FURNITURE REQUIREMENTS:

S. No.	Requirements	Required quantity
1.	Racks to store books	3
2.	Student study Tables	10
3.	Student study Chairs	30
4.	For Library / Staff	5
5.	Tables and Chairs	10

10. OTHER EQUIPMENTS REQUIRED:

S. No.	Requirements	Required quantity
1.	Photo copying facility	Yes
2.	Computers with Multimedia Kit to play back DVDs.	Yes
3.	Library Software	Yes
4.	Scanner / Smart Card reader / Bar code reader	Yes
5.	CDs / DVDs rack	Yes
6.	CDs / DVDs facility	Yes

11. HOSTEL FACILITIES:

S. No.	Facilities	Required facilities
1.	Hostel for Boys	Yes
2.	Hostel for Girls	,,
3.	RCC roofed room	,,
4.	Cooking and Dining facilities	,,
5.	Recreational facility	,,
6.	Fittings	,,
7.	Furnitures	,,
8.	**Utilities:**	,,
	a. Toilets	,,
	b. Drinking water	,,
	c. Water for other use	,,
	d. Laundry facility	,,
9.	Medical facilities	,,

12. AVAILABILITY OF OTHER FACILITIES :

S. No.	Parameter	Requirements
1.	All Weather Approach Road (cemeted / kuchha)	Yes
2.	Potable Water Supply System (own bore well / municipal corporation)	,,
3.	Drinking Water (One pipe / Drum / Water Purifier for every floor.)	,,
4.	Electrical Generator (5 kv, 5-10 kv, more than 20 kv)	,,
5.	Students' Canteen	,,
6.	Students' Common Room (Boys / Girls)	,,
7.	If no hostel facility is available, whether arrangements have been made for boarding and lodging of students near to the institution, if yes mode of travel from the place of stay of the institution	,,
8.	Toilet facilities: (Norms: One wash basin, sink, urinal and toilets for every 25 faculty and for every 25 students separately. For ladies and gents separate facilities must be available) 1. Sink 2. Water Basin 3. Urinal 4. Toilets	,,
9.	Parking facilities	,,
10.	Medical facilities (Full time / part time doctor / Dispensary)	,,
11.	Insurance facilities	,,
12.	Telephone booth	,,
13.	Gymnasium / Indoor / Outdoor Games facilities	,,
14.	Rainwater-harvesting facilities	,,
15.	Post office facility	,,
16.	Bank facility	,,
17.	Transport facility for day scholars	,,
18.	Reprographic facilities in the Institution	,,
19.	Barrier free environment for physically challenged	,,
20.	Others (Please specify)	Yes