

**Development of an Infrastructure Quality Index  
for  
Higher Education Institutions in Karnataka**

# Development of an Infrastructure Quality Index for Higher Education Institutions in Karnataka

Ref No : KSHEC/DIQI-HRIK/2014-15/9

22<sup>nd</sup> Jan 2015

**The Principal Secretary,**  
Dept. of Higher Education and  
Executive Director,  
KSHEC,  
Bangalore

Sir,


Sub : Submission of a Report on the Development of an Infrastructure Quality Index for Higher Education Institutions in Karnataka

Ref : Your Notification No : KSHEC/RFD-Committee/2014-15/70  
dt: 23.05.2014 and RFD related

With reference to the above, we bring to your kind notice that the Committee constituted for the Development of an Infrastructure Quality Index for Higher Education Institutions in Karnataka is herewith forwarding the **Final Report** of the "INDICES" arrived at, post survey analysis and serious deliberations.

Thanking you,

Yours Sincerely

  
**Prof. S. Rajshekaraiah**  
Chairman

  
**Prof. Meena R Chandawarkar**  
Member

  
**Prof. Ambalike Hiriyanna**  
Member

**Dr. Sharath Ananthamurthy**  
Member

  
**Dr. B. A. Anuradha**  
Member Convener

## **I N D E X**

- |  |   |            |
|--|---|------------|
| 1) Status of Higher Education in India   | - | Page 3     |
| 2) Results Framework Document (RFD)  | - | Page 6     |
| 3) Composition of the Committee  | - | Page 6     |
| 4) Infrastructural Indices for Higher Education<br>Institutions in Karnataka   | - | Page 8     |
| 5) Conclusion  | - | Page 12    |
| 6) Questionnaire for Development of Infrastructure<br>Quality Index in Higher Education Institutions<br>in Karnataka | - | Annexure 1 |

# **Development of an Infrastructure Quality Index for Higher Education Institutions in Karnataka**

## **REPORT**

### **Status of Higher Education in India**

Higher Education in India has witnessed a tremendous change, both in quality & quantity, since its Independence. The number of universities has increased from 20 in 1950 to 677 in 2014. The number of colleges has also increased, 74 times, from 500 in 1950 to 37, 204 as on 31<sup>st</sup> March 2013. By 2030, India will be amongst the youngest nation in the world. With nearly 140 million people in the college-going age group, one in every four graduates in the world will be a product of the Indian Higher Education system.

Year 2014 witnessed various transformations in the way the education sector, particularly Higher education, functions. An innovative Smart Board teaching has changed the class room culture immensely. Rote learning has taken the back seat. Audiovisuals and animation based teaching have improved participation in the teaching-learning process, thereby enhancing the overall personality.

Increasing urbanization and income levels are the driving factors for better Higher Education. India's economy is expected to grow at a faster pace; rapid industrialization would require a gross incremental workforce of about 250 million by 2030; India could potentially emerge as a global supplier of skilled manpower. India would need a robust Higher Education system that can deliver on multiple imperatives. During the Eleventh Plan Period (2007-2012), India achieved a Gross Enrolment Ratio (GER) of 17.9 %, up from 12.3 % at the beginning of the plan period. This is much below the world average of 27%, as well as that of other emerging countries such as

China (26 %) and Brazil (36 %) in 2010. The government intends to achieve an enrolment of 35.9 million students with a GER of 25.2 % at the end of the Twelfth Five Year Plan period.

China, Korea & Singapore have transformed from developing to advanced economies in a decade due to strategic planning that correlated economic development to transformation in the Higher Education sector. The key to harnessing India's demographic dividend is Education. Indian Higher Education, currently the third largest in the world, is likely to surpass US in the next five years and China in the next 10 years, to be the largest system of Higher Education in the world.

Creation of employable workforce is the main concern in India. According to NASSCOM, only 25 % of engineering and 15 % of non-engineering graduates are considered employable by IT/ITES industries. Hence there is an immediate need for holistic approach to bridge the gap between the academia and the industry. It is imperative to move from 'Generic Model' to 'Learner-Centered' model of education system to achieve the target.

About 15 years ago, India consciously moved to a differentiated academic system with a three tiered structure comprising of highly selective elite research universities at the top, comprehensive universities and specialized institutions in the middle, and an array of highly accessible and high quality colleges at the bottom. While the first tier caters exclusively to furthering India's intellectual capital, the other two focus on delivering economic and social value respectively.

Top tier universities are centers of excellence for the creation of new knowledge, set up with the vision to emerge as national and international leaders in research output and intellectual property.

The second tier of industry aligned professional education institutions has seen the greatest growth over the last two decades. Focused on quality teaching and producing highly employable graduates, these institutions are a passport to white collar jobs in a knowledge economy.

The last cluster of broad based highly accessible universities is designed to expand the reach of Higher Education to all eligible and deserving students in the country. They offer a wide range of courses aimed at providing a holistic education to India's mass, and play a major role in promoting equity and access.

The architecture of Higher education system has seven parameters:

- Curricula and Pedagogy,
- Faculty,
- Research,
- Partnerships,
- Infrastructure,
- Funding, and
- Governance & Leadership.

The 'Mission Statement' of HRD:

***“Promote the quality of Higher Education by investing in infrastructure and faculty, promoting academic reforms, improving governance and institutional restructuring toward the inclusion of the hitherto deprived communities”.***

The present attempt is to take a look at the required infrastructural facilities and establish a benchmark, “INFRASTRUCTURE INDEX”, which could be a guiding star in future.

## **Results Framework Document (RFD)**

The Government of India introduced a “Performance Monitoring and Evaluation System for the Government Departments” which requires each department of the government to prepare a Results-Framework Document (RFD). The RFD provides the most important results that a department/ministry expects to achieve during the financial year with an aim to :-

- (a) move the focus of the department from process-orientation to result-orientation,
- (b) provide an objective and fair basis to evaluate department’s overall performance at the end of the year.

RFD is basically a bridge between the Minister and the Secretary of a Department to ensure the successful implementation of agreed actions and to assess the outcome/impact of activities taken by the department/ministry.

The RFD’s concept is “what gets measured, gets done”.

The department’s Mission is the nuts and bolts of the vision.

Pursuant to this decision by the Government of India on Results-Framework Document, the Government of Karnataka identified five areas of focus based on the Results-Framework Document for promoting the quality and evolving a standardized state policy, one of the areas being Academic Infrastructure.

## **Composition of the Committee**

Subsequently, the Hon’ble Chairman, Karnataka State Higher Education Council and Minister for Higher Education, constituted a Committee for the “Development of an

Infrastructure Quality Index for Higher Education Institutions in Karnataka” as under :-

- 1) Prof. S. Rajashekharaiiah - Chairman  
Founder Vice-Chancellor  
Visvesvaraya Technological University,  
Belagavi
- 2) Prof. Meena R Chandawarkar - Member  
Vice-Chancellor,  
Karnataka State Women’s University,  
Bijapur
- 3) Prof. Ambalike Hiriyanna - “  
Vice-Chancellor,  
Karnataka Folklore University,  
Shiggavi
- 4) Dr. Sharath Ananthamurthy - “  
Professor,  
Department of Physics,  
Bangalore University,  
Bangalore
- 5) Dr. B. A. Anuradha - Member Convener  
Principal,  
Al-Ameen Institute of Management Studies,  
Hosur Road, Near Lalbagh Main Gate,  
Bangalore – 560 027

A Good quality Infrastructure is a vital input in the functioning of a sound Higher Education system.

The Committee for the “Development of Infrastructure Quality Index for Higher Education Institutions in Karnataka” met a few times under the Chairmanship of Prof. S. Rajashekharaiiah and discussed at length about each and every aspect of the parameters/ criteria/ indicators to be involved in the development of the



infrastructure and evolved a “**Questionnaire**” to be administered to all the Higher Education Institutions in Karnataka across three categories viz., (A) Government Colleges, (B) Aided Private Colleges and (C) Unaided Private Colleges.

The “Questionnaire” was then uploaded on the Karnataka State Higher Education Council (KSHEC) Portal and a letter from the Principal Secretary was sent to all the Vice-Chancellors / Principals to fill in the “Questionnaire” and to send in their responses through email.

Based on the responses obtained from the under-graduate colleges an analysis was carried out across all the three categories viz., (A) Government Colleges, (B) Aided Private Colleges and (C) Unaided Private Colleges.

#### **Infrastructural Indices for Higher Education Institutions in Karnataka**

The Committee hence recommends the Infrastructure Quality Indices along the following parameters :

<b>Sl.No</b>	<b>Physical Infrastructure - Instructional Area</b>	<b>INDICES</b>
1.	Class Rooms	60 Sq m, for a batch size of 60 students
2.	Tutorial Rooms	30 Sq m for a batch size of 30 students
3.	Language Lab	36 Sq m for a batch size of 30 students
4.	Seminar Halls	120 Sq m for 100 capacity
5.	Drawing Halls	120 Sq m ( wherever necessary )
6.	Workshop / Special Laboratories	60 Sq m for a batch size of 30
7.	Computer Centre	45 Sq m for a batch size of 30 students
8.	Central Library & Reading Room	300 Sq m

9.	Laboratories	60 Sq m for a batch size of 30 students
----	--------------	---

	<b>Physical Infrastructure - Administrative Area</b>	<b>INDICES</b>
10.	Director's Office	30 Sq m
11.	Principal's Chamber	30 Sq m
12.	Board Room	30 Sq m
13.	Department Offices	20 Sq m
14.	HOD - Cabins / Rooms	10 Sq m
15.	Faculty - Cabins / Rooms	5 Sq m
16.	Central Store	40 Sq m
17.	Maintenance Department	10 Sq m
18.	Security Room	10 Sq m
19.	House Keeping Provision	10 Sq m
20.	Examination Control Office	30 Sq m
21.	Placement Office	30 Sq m
22.	Entrepreneurship Development Centre/ Incubation Centre	20 Sq m
23.	College Office	100 Sq m

	<b>Physical Infrastructure - Amenities Area</b>	<b>INDICES</b>
24	Gents Toilet	15 Sq m
25	Ladies Toilet	20 Sq m

26	Boys Common Room	75 Sq m
27	Girls Common Room	75 Sq m
28	Cafeteria	150 Sq m
29	Stationery Store & Reprography	10 Sq m
30	First Aid cum Sick Room	10 Sq m
31	Campus Doctor	10 Sq m
32	Sports Club / Gymnasium	75 Sq m
33	Auditorium / Amphitheater	250 Sq m
34	Boys Hostel	10 Sq m per room with 2 beds
35	Girls Hostel	10 Sq m per room with 2 beds
36	Playground	Adequate
37	Principal's Quarter	100 Sq m – Desirable
38	Guest House	100 Sq m – Desirable
39	Sports / NSS Office	20 Sq m

	<b>Library Facilities</b>	<b>INDICES</b>
40	Number of Titles	100 Titles per course
41	Number of Volumes	500 Volumes per course
42	National Journals	3 National Journals per course
43	International Journals	2 International Journals per course
44	E-Journals	Desirable
45	Reading Room Seating Capacity	15% of the students strength at a given time

46	Multimedia PCs for Digital Library	05 Computers
47	Department Library	20 Sq m
48	INFLIBNET Facility	Compulsory
49	WIFI Facility	Compulsory

	<b>Computer &amp; Software</b>	<b>INDICES</b>
50	Computer to Student Ratio	1 : 6
51	Legal System Software	02
52	Legal Application Software	05
53	LAN & Internet	Coverage for all Computers
54	Mail Server & Client	Desirable
55	Internet Speed	2 MBPS for 400 students
56	Printers	5 % of total computers
57	Scanners	01

	<b>Essential &amp; Desirable</b>	<b>INDICES</b>
58	Drinking Water Outlets	Compulsory
59	Electricity Supply	Compulsory
60	Backup Electricity Supply	Compulsory
61	Sewage Disposal System	Compulsory
62	Telephone and Fax	Compulsory
63	Vehicle Parking	Compulsory

64	Institution Website	<b>Mandatory</b>
65	Barrier Free Environment for disabled & elderly persons	<b>Mandatory</b>
66	Safety Provisions for fire & other calamities	<b>Mandatory</b>
67	General Insurance for fire & other calamities	<b>Compulsory</b>
68	General Notice Boards	<b>Compulsory</b>
69	Departmental Notice Boards	<b>Compulsory</b>
70	First Aid & Medical Facilities	<b>Compulsory</b>
71	Public Address System	<b>Compulsory</b>
72	Transport Facility	<b>Desirable</b>
73	Post & Banking Facility / ATM	<b>Desirable</b>
74	CCTV Security System	<b>Mandatory</b>
75	LCD Projectors in Class Room & Smart Board	<b>Compulsory</b>
76	Staff Quarters	<b>Desirable</b>
77	Rainwater Harvesting	<b>Compulsory</b>
78	Waste Disposal Process	<b>Compulsory</b>
79	Alternative Sources of Energy	<b>Desirable</b>

### **Conclusion**

The above Indices are arrived at, after deliberations and the survey responses obtained from 36 under-graduate colleges across the states of Karnataka. The yardstick prescribed by AICTE is also considered while arriving at these Indices.

The committee also recognized the ground realities faced by the under-graduate colleges located in the rural area. However, the ideal suggestions are put up for future generations.

Thus all the Higher Education Institutions in Karnataka can be brought within the ambit of these norms thereby improving the quality in these institutions as well as formulating fixed preset standards. The Committee members feel ensured that these standardized norms will go a long way to encourage self-evaluation, accountability and innovation in Higher Education.

~ ~ ~ O ~ ~ ~

**QUESTIONNAIRE FOR**

**Development of an Infrastructure Quality Index for Higher Education Institutions in Karnataka**

**GENERAL INSTRUCTIONS**

1. All entries to be typed.
2. Use capital letters only.
3. Tick where ever applicable.
4. Enter NA for questions not applicable to you.
5. Do not leave any question unanswered



# QUESTIONNAIRE FOR Development of an Infrastructure Quality Index for Higher Education Institutions in Karnataka

## Section I - General Information

### Details of College / Institution

Please read the instructions before filling the Questionnaire.

To Be Filled in BLOCK LETTERS. TICK

Whenever Necessary.

<b>1.</b>	Name of the College / Institution												
<b>2.</b>	Name of the Affiliating University												
<b>3.</b>	Postal Address (Complete)												
		City	State										
		District	Pincode										
		Ph. No.	Mob No										
		Email ID											
<b>4.</b>	Year of Establishment	<b>5.</b> College / Institution situated in											
				Rural Area				Urban Area					
<b>6.</b>	Total Land Area in acres												
		<b>8a.</b> Total Carpet Area (Built-up Area) in Sq m											
				If Leased or Rented for how many years ?				If owned, attach the ownership certificate.					
				<b>8d.</b> Is the land continuous ?									
				Aided		Private		Autonomous		Constituent			
<b>10.</b>	No. of Courses offered. Specify combination wise.												

**Section II (a) : Physical Infrastructure - Instructional Built Up Area**

**Details of Instructional Area Per Course Offered in the College / Institution**

Any Accommodation being "Common" to all the courses run by the Institution can be marked as "CMN"

Sl.No	Accommodation	BA		B.Sc.		B.Com.		BBM		BCA		B.Ed	
		Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m
1.	Class Rooms												
2.	Tutorial Rooms												
3.	Language Lab												
4.	Seminar Halls												
5.	Drawing Halls												
6.	Workshop / Special Laboratories												
7.	Computer Centre												
8.	Library & Reading Room												
9.	Laboratories												

**Note :** Please describe in a few sentences about the Special Laboratories & Equipments used for the course

**Section II (a) : Physical Infrastructure - Instructional Built Up Area**

**Details of Instructional Area Per Course Offered in the College / Institution**

Any Accommodation being "Common" to all the courses run by the Institution can be marked as "CMV"

Sl.No	Accommodation	BBA		BBS		BFA		BPA		BM		BHM	
		Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m
1.	Class Rooms												
2.	Tutorial Rooms												
3.	Language Lab												
4.	Seminar Halls												
5.	Drawing Halls												
6.	Workshop / Special Laboratories												
7.	Computer Centre												
8.	Library & Reading Room												
9.	Laboratories												

**Note :** Please describe in a few sentences about the Special Laboratories & Equipments used for the course

**Section II (a) : Physical Infrastructure - Instructional Built Up Area**

**Details of Instructional Area Per Course Offered in the College / Institution**

Any Accommodation being "Common" to all the courses run by the Institution can be marked as "CMN"

Sl.No	Accommodation	BBF		BIAS		E.Lib.Sci.		BSV		BCW		BSLPA	
		Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m
1.	Class Rooms												
2.	Tutorial Rooms												
3.	Language Lab												
4.	Seminar Halls												
5.	Drawing Halls												
6.	Workshop / Special Laboratories												
7.	Computer Centre												
8.	Library & Reading Room												
9.	Laboratories												

**Note :** Please describe in a few sentences about the Special Laboratories & Equipments used for the course

**Section II (a) : Physical Infrastructure - Instructional Built Up Area**

**Details of Instructional Area Per Course Offered in the College / Institution**

Any Accommodation being "Common" to all the courses run by the Institution can be marked as "CMR"

Sl.No	Accommodation	E.Sc. (GD)		E.Sc.(CMD)		E.Sc.(CHS)		E.Sc.(FAD)		E.Sc.(ID&D)		Any Other Course	
		Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m	Number	Area of Each Room in Sq.m
1.	Class Rooms												
2.	Tutorial Rooms												
3.	Language Lab												
4.	Seminar Halls												
5.	Drawing Halls												
6.	Workshop / Special Laboratories												
7.	Computer Centre												
8.	Library & Reading Room												
9.	Laboratories												

**Note :** Please describe in a few sentences about the Special Laboratories & Equipments used for the course

**Section II (b) : Physical Infrastructure - Administrative Area**

**Details of Administrative Area in the College / Institution**

Sl.No	Accommodation	Number	Area of Each Room in Sq.m	Sl.No	Accommodation	Number	Area of Each Room in Sq.m
1.	Director's Office				Principal's Chamber		
	Board Room				Department Offices		
5.	HOD - Cabins / Rooms				Faculty - Cabins / Rooms		
7.	Central Store			8.	Maintenance Department		
9.	Security Room			10.	House Keeping Provision		
	Examination Control Office			12.	Placement Office		
13.	Entrepreneurship Development Centre / Incubation Centre				College Office		

**Section II (c) : Physical Infrastructure - Amenities Area**

**Details of Amenities Area in the College / Institution**

Sl.No	Accommodation	Number	Area of Each Room in Sq.m	Sl.No	Accommodation	Number	Area of Each Room in Sq.m
1.	Gents Toilet				Ladies Toilet		
3.	Boys Common Room			4.	Girls Common Room		
5.	Cafeteria			6.	Stationery Store & Reprography		
	First Aid cum Sick Room			8.	Campus Doctor		
9.	Sports Club / Gymnasium			10.	Auditorium / Amphitheater		
11.	Boys Hostel			12.	Girls Hostel		
	Playground			14.	Principal's Quarter		
	Guest House				Sports / NSS Office		

**Section III - Library Facilities**

**Details of Books, Journals & Library Facilities in the College / Institution**

Sl.No	Details	Number	Sl.No	Details	Number
	Number of Titles			Number of Volumes	
3.	National Journals			International Journals	
	E-Journals		6.	Reading Room Seating Capacity	
7.	Multimedia PCs for Digital Library		8.	Department Library also available - Yes/No	
	INFLIBNET Facility (Yes/No)			WiFi Facility (Yes/No)	



**Section IV - Computers & Software**

**Details of Computer & Software Facilities in the College / Institution**

Course .....

Sl.No.	Details	Number Available with Specifications & Year Of Purchase (Wherever Applicable)
1	Computers	
2	Computer to Student Ratio	
3	Legal System Software	
4	Legal Application Software	
5	LAN & Internet	
6	Mail Server & Client	
7	Internet Speed	
8	Printers	
9	Scanners	

**Section V - Essential & Desirables**

**Details of Essential & Desired Facilities in the College / Institution**

Sl.No.	Facilities	Availability (Yes/No)	Specifications Wherever Applicable
1.	Drinking Water Outlets		
2.	Electricity Supply		
3.	Backup Electricity Supply		
4.	Sewage Disposal System		
5.	Telephone and Fax		
6.	Vehicle Parking		
7.	Institution Website		
8.	Barrier Free Environment for disabled & elderly persons		
9.	Safety Provisions for fire & other calamities		
10.	General Insurance for fire & other calamities		
11.	General Notice Boards		
12.	Departmental Notice Boards		
13.	First Aid & Medical Facilities		
14.	Public Address System		

**Section V - Essential & Desirables**

Sl.No.	Facilities	Availability (Yes/No)	Specifications Wherever Applicable
	Transport Facility		
16.	Post & Banking Facility / ATM		
17.	CCTV Security System		
18.	LCD Projectors in Class Room		
	Staff Quarters		
20.	Rainwater Harvesting		
21.	Waste Disposal Process (specify)		
	Alternative Sources of Energy Adopted if any. Please Specify		

**Section VI (a) : Academic Infrastructure - Faculty Details**

**Details of Faculty Available in the College / Institution - Course Wise**

Sl.No	Details	BA	B.Sc.	B.Com.	BBM	BCA	B.Ed	BBA	BBS	BFA	BPA	BM	BHM
1.	Sanctioned Intake												
2.	Girls - Boys Ratio												
3.	Faculty - Student Ratio												
4.	Principal / Director												
5.	Professor												
6.	Associate Professor												
7.	Assistant Professor												
8.	Lecturers												
9.	Faculty Cadre Ratio Sl. No. ( 5 : 6 : 7 : 8 )												
10.	Workload per head per week												
11.	No. of Lab Instructors												

**Section VI (a) : Academic Infrastructure - Faculty Details**

**Details of Faculty Available in the College / Institution - Course Wise**

Sl.No	Details	BBF	BIAS	B.Lib.Sc.	BSW	BCW	BSLPA	B.Sc. (GD)	B.Sc. (GND)	B.Sc. (CHS)	B.Sc. (FAD)	B.Sc. (ID&D)	Any Other
1.	Sanctioned Intake												
	Girls - Boys Ratio												
	Faculty - Student Ratio												
	Principal / Director												
5.	Professor												
6.	Associate Professor												
7.	Assistant Professor												
8.	Lecturers												
	Faculty Cadre Ratio												
	Sl. No. ( 5 : 6 : 7 : 8 )												
10.	Workload per head per week												
11.	No. of Lab Instructors												

**Section VI (b) : Academic Infrastructure - List of Faculty**

**List of Faculty Members in the College / Institution – Course Wise**

Course .....

Sl. No.	Name with Designation	Qualification	Experience		Special Achievements			
			In Present College	Total	No of Books Published	No. of Papers Published	No. of Students guided for Ph.D.,	No. of Awards Received
1.								
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								

**Section VII : List of Laboratory Equipment**

**List of Laboratory Equipment in the College / Institution – Course Wise**

Title of Lab .....

Sl.No.	No of Students Per Batch	Equipment Name	Number Available	Purchase Date
1.				

**Section VIII : Any Other Innovative Methods Adopted in the Classroom / Laboratory**

**Details of Other Innovative Methods Adopted in the College / Institution**

*(Furnish with Details)*



**Section IX : Other Information**

**Details of Any Other Information in the College / Institution**

*Give details of any other information you wish to share about your College / Institution.*

**INDEX - UNDERGRADUATE COURSES**

1)	BA	-	Bachelor of Arts
2)	B.Sc.	-	Bachelor of Science
3)	B.Com.,	-	Bachelor of Commerce
4)	BBM	-	Bachelor of Business Management
5)	BCA	-	Bachelor of Computer Application
6)	B.Ed.,	-	Bachelor of Education
7)	BBA	-	Bachelor of Business Administration
8)	BBS	-	Bachelor of Business Studies
9)	BFA	-	Bachelor of Fine Arts
10)	BPA	-	Bachelor of Performing Arts
11)	BM	-	Bachelor of Music
12)	BHM	-	Bachelor of Hotel Management
13)	BBF	-	Bachelor of Banking & Finance
14)	BIAS	-	Bachelor of Insurance & Actuarial Studies
15)	B.Lib. Sc.	-	Bachelor of Library & Information Sciences
16)	BSW	-	Bachelor of Social Work
17)	BCW	-	Bachelor of Care & Welfare
18)	BSLPA	-	Bachelor of Speech Language Pathology & Audiology
19)	B.Sc. (GD)	-	( Graphic Design )
20)	B.Sc. (CND)	-	( Clinical Nutrition & Diabetes )
21)	B.Sc.(CHS)	-	( Composite Home Science )
22)	B.Sc. (FAD)	-	( Fashion & Apparel Design )
23)	B.Sc. (ID & D)	-	( Interior Design & Decoration )