

**EXTENSION PLAN FOR BS 04 YEAR DEGREE PROGRAMME IN PUBLIC**

**SECTOR COLLEGES OF THE PROVINCE**

**I. BACKGROUND**

04-years Bachelor of Studies programme has been introduced by Higher Education Department in 2010-11 as envisaged in national education policy 2009 and HEC guidelines which urge to introduce 4-years degree programme with semester system as a complete replacement of conventional 2-years degree programme, so as to make it at par/equivalent with international standards and to ensure that the product or service satisfy given requirement for quality.

Initially the program was started in 2010 at 14 colleges with 23 departments but later on extended to 53 colleges in 2012. The programme was rationalized and the number of colleges where programme had been running was reduced to 39 by shifting students from the colleges having low enrollment to the nearby colleges where programme was running successfully.

Currently, the program is operational in 38 colleges of the province with 241 BS departments in 31 disciplines having about 20000 students.

**a. Year Wise Breakup Of BS Departments:**

<b>Year</b>	<b>No. of BS Colleges</b>	<b>No. of BS Departments</b>
2010	14	23
2011	38	106
2012	39	143
2013	39	190
2014	41	209
2015	38	207
2016	38	241

**b. Details Of BS Colleges And Departments:**

<b>S.#</b>	<b>District</b>	<b>S. #.</b>	<b>Name of College</b>	<b>No. of Departments</b>	<b>Total Semesters</b>	<b>No. of Students</b>
1	Abbottabad	1	GPGC Mandian, Abbottabad	7	52	529
		2	GPGC No.1, Abbottabad	10	80	1012

		3	GGPGC no 1, Abbottabad	11	64	822
2	Bannu	4	GGDC, Mandan	2	16	181
		5	GGPGC, Bannu	1	6	56
		6	GPGC, Bannu	13	98	1002
3	Buner	7	GC Daggar, Bunair	5	32	318
4	Charsadda	8	GPGC, Charsadda	12	78	1212
5	D.I.Khan	9	GDC No.1, D.I.Khan	10	80	1140
		10	GGDC No.2, D.I.Khan	1	8	66
6	Dir, Lower	11	GDC, Samarbagh	2	16	95
		13	GDC, Gulabad	3	16	147
		14	GPGC, Timergara	2	6	67
7	Dir, Upper	15	GDC, Wari	2	10	78
8	Haripur	16	GGPGC, Haripur	11	50	736
		17	GPGC, Haripur	12	86	907
9	Karak	18	GPGC, Karak	9	56	820
10	Kohat	19	GGPGC, Kohat	4	10	82
		20	GPGC, Kohat	8	62	808
11	Lakki	21	GPGC, Lakki	3	18	205
12	Malakand	22	GDC, Dargai	9	44	589
13	Mansehra	23	GPGC, Mansehra	12	96	1085
		24	GGDC, Mansehra	3	16	221
14	Mardan	25	GGPGC, Mardan	9	64	968
		26	GPGC, Mardan	13	86	1362
15	Nowshera	27	GPGC, Nowshera	8	58	747
		28	GGDC, Nowshera	1	6	34
16	Peshawar	29	GFCW, Peshawar	5	40	542
		30	GGDC, Hayatabad	2	8	50
		31	GDC, Hayatabad	2	4	70
		32	GSSC, Peshawar	10	78	978
		33	GCGC, Peshawar	2	24	227
		34	GC, Peshawar	12	74	1008
17	Swabi	35	GPGC, Swabi	9	48	479

18	Swat	36	GAKLDC, Matta	2	16	170
		37	GJPGDC, Swat	12	96	1645
19	Chitral	38	GDC, Chitral	2	8	79
<b>Total</b>				<b>241</b>	<b>1610</b>	<b>20537</b>

## II. SUMMARY OF THE DECISIONS TAKEN:

Total transformation from existing system to 4-years degree programme was conceived to be carried out in three phases.

1. In 1<sup>st</sup> phase, 2-years BA/BSc programme has to be abolished
2. In 2<sup>nd</sup> phase 2-years MA/MSc shall be gradually abolished to create capacity for expansion of BS programme. All government colleges should not offer admission in BA/BSc and MA/MSc in the subjects in which 4-years degree programme is running.
3. In 3<sup>rd</sup> phase secondary classes (XI & XII) shall be gradually shifted to other colleges and to Elementary & Secondary Education Department.
4. After consolidation of 4-years degree programme, possibilities for up-gradation of selected colleges to degree awarding status shall be explored.

## III. STATUS OF OBJECTIVES ACHIEVEMENT:

The programme was envisioned to be implemented in a phased manner.

1. In the 1<sup>st</sup> Phase the programme was initially introduced in selected colleges and gradually extended to other colleges over the last four years. Conventional 2-years degree programmes i.e. BA/BSc has been abandoned in 30 colleges running BS programme. Only eight colleges out of 38 BS colleges are currently running BA/B.Sc.
2. Conventional 2-years MA/M.Sc has been abandoned in most of the colleges running BS programme and only four (04) colleges are running MA/M.Sc in some subjects in addition to BS programme.
3. Abolishing/shifting of Inter classes (XI & XII) and up-gradation of selected colleges to degree awarding status requires major policy decisions in consultation with all stakeholders. Currently discussion with Elementary and Secondary Education is in progress for shifting Intermediate classes to HSSs. The case of Degree Awarding status to selected government colleges is under consideration in Higher Education Department.

## IV. ISSUES:

1. Programme is mainly dependent on development side and additional incentives in the form of honoraria/ remuneration to hired and regular staff is made out of ADP. This arrangement is not sustainable in the long run.
2. Shortage of teaching faculty and supporting staff i.e. clerk/KPO etc.
3. Lack of infrastructure i.e. class rooms, labs, equipments, libraries, internet etc as per requirement of the BS programme.
4. Discriminatory attitude of universities in affiliation, exams, paper sitting/checking etc.
5. Non existence of bridging (entry exit point) with the conventional degrees and Associate Degree after completion of two year (4 semesters).
6. In affordability of high fees of the respective universities by the marginalized students of the colleges.

## **V. ASSESSMENT OF BS PROGRAMME**

MD FEF and his team was assigned the task to assist BS programme at Public Sector Colleges who recommended;

1. It would be prudent to concentrate on consolidation as against expansion.
2. The Programme should have separate development portfolio with block allocation for provision of purpose built academics blocks , properly equipped labs, appropriately resourced libraries and supportive infrastructure.
3. Faculty Development/training focused on needs of the BS programme.
4. The segregation of FA/FSc. classes from colleges without undertaking a detailed study of failures of such efforts will be fallacious.
5. The proposal for Degree Awarding status to BS colleges seems to be pushed in a haste and premature incorporation without assessing its various implications.

PMU needs human and material resources to steer the programme as “flagship initiative”. It needs restructuring and repositioning for this task. Consequently a high level meeting held under the chair of Secretary Higher Education Department and the following policies decisions were taken on the BS Assessment Report of MD FEF.

1. The BS programme shall be further strengthened at the existing colleges by improving infrastructure, faculty and relevant facilities. No horizontal expansion shall be effected in new colleges. Approval for new BS Disciplines be allowed by the committee after assessing the need and feasibility in the existing BS Colleges.
2. Chief Planning Officer, Higher Education Department shall work out a separate development portfolio with block allocation for provision of purpose built BS academic

blocks, properly designed and equipped labs, appropriate resourced libraries and supportive infrastructure for BS Colleges in the coming ADP.

3. Higher Education Department shall take immediate measures for faculty development focused on requirements of BS programme. Director Higher Education shall submit proposal for posting qualified and dedicated faculty having PhD. and M.Phil degrees at BS Colleges where needed.
4. The segregation of FA/FSc. from colleges is not conducive at this stage. The exercise need comprehensive study and integrated homework in consultation with Elementary and Secondary Education Department, Planning and Development Department and Finance Department.
5. The Proposal of Degree Awarding status to BS colleges needs analysis of its administrative, human resource, prestige, infrastructure, viability and financial implications. Additional Secretary Higher Education Department shall submit a self contained case for line of action by Higher Education Department.
6. MD,FEF and PD, PMU shall submit consolidated proposal for strengthening and restructuring of Project Management Unit for revision of PC-I.

## **VI. PROPOSALS FOR STRENGTHENING AND EXPANSION OF BS PROGRAMME**

### **PROPOSAL**

The programme is running in pilot or project mode for the last five years and additional incentives are being provided out of ADP. The idea was to introduce BS programme by providing incentives to the teaching faculty of colleges as well as to hire teachers from market to overcome deficiency of teaching staff required for BS and promote culture of BS degree based on semester system as per guidelines of HEC in the colleges and discourage conventional system of education and also enable the colleges to continue and sustain the programme in routine manner after abolishing BA/BSc & MA/MSc and shifting of intermediate classes to Higher Secondary Schools. In the existing 38 colleges conventional degree programme have almost been abolished while in the rest of the colleges the same is in place.

In case the government decide to continue the programme as per existing incentive based arrangement (ADP based) following proposal is submitted for consideration:-

1. Completely stopping BA/BSc & MA/MSc in the existing 38 BS colleges forthwith.
2. Rationalization of teaching and non teaching staff with focus on BS colleges.
3. Separate Development portfolio for strengthening BS colleges

The department proposes introduction of BS program in phased manner, across the province on need basis, keeping in view the existing enrollment of 3<sup>rd</sup> year students and complete abolition of conventional system in these colleges. The proposed extension will be based preferentially on student strength of adjoining colleges, existing infrastructure of the college concerned, available teaching faculty, trend of students for opting particular subjects and catchment area of the college.

An intended outline of the activities is as follows:

**Phase-1: TIMELINE UPTO JUNE 2017:**

- i. Closure of conventional 2 year bachelor program in the existing 38 colleges forthwith.
- ii. Provision of required basic facilities in the current Financial Year through supplementary grant as per following details:-

#	Requirement	Cost/college Rs.(m)	Colleges	Total Rs.(m)
1	HR deficiency (Remuneration for hiring)			200
2	Faculty development (30 Inland+ 10 Foreign scholarships/year)	1	30 Inland	190
		16	10 Foreign	
3	BS blocks	52	12	629 (300 balance)
4	Labs Development	10	38	380
5	Libraries Development	3	38	114
6	Plant & machinery	5	38	190
7	Student Research	1	38	38
8	Performance Grant	1	100	100
<b>G. Total</b>		--	--	<b>1512</b>

**Phase-II: TIMELINE FROM JULY 2017 TO JUNE 2018**

Opening of 114 new departments in the existing 38 colleges and 427 new departments in 62 new colleges of the province from the next academic year as per following details for the year 2017-18.

**Financial requirement for provision of basic facilities in 62 new colleges:**

#	Requirement	Cost/college(m)	Colleges	Total. (m)
1	HR deficiency (Remuneration for hiring)			240
2	Faculty development (50 Inland+ 10 Foreign scholarships/year)	1	50	210
		16	10	
3	BS blocks	70	60	1820
4	Labs Development	10	62	620
5	Libraries Development	3	62	186
6	Plant & machinery	5	62	310
7	Student Research	1	38	38
8	Performance Grant	1	400	400
9	Need based Scholarship (BS Scholarships)			100
<b>G. Total</b>		--	--	<b>3924</b>

District wise summary of the proposed departments and cost on HR:

<b><u>District Wise Summary for Opening New BS Department in existing 38 colleges</u></b>								
S.No	District	Student Enrollment		New Departments To Be Opened		Financial Implications Per Annum in Millions		Total
		Male	Female	Male	Female	Male	Female	
1	Peshawar	491	534	12	13	4.8	5.2	10
2	Swabi	57	0	1	0	0.4	0	0.4
3	Malakand	138	0	4	0	1.6	0	1.6

4	Dir (Upper)	351	0	9	0	3.6	0	3.6
5	Dir (Lower)	1259	0	31	0	12.4	0	12.4
6	Chitral	322	0	8	0	3.2	0	3.2
7	Kohat	0	139	0	3	0	1.2	1.2
8	Bannu	0	350	0	9	0	3.6	3.6
9	Lakki	240	0	6	0	2.4	0	2.4
10	D.I. Khan	0	344	0	9	0	3.6	3.6
11	Haripur	40	0	1	0	0.4	0	0.4
12	Abbottabad	121	0	3	0	1.2	0	1.2
13	Mansehra	0	209	0	5	0	2	2
<b>Total</b>		<b>3019</b>	<b>1576</b>	<b>75</b>	<b>39</b>	<b>30</b>	<b>15.6</b>	<b>45.6</b>
<b>GRAND TOTAL</b>		<b>4595</b>		<b>114</b>		<b>45.6</b>		

District wise summary for opening BS departments in new 62 colleges is as follows:

<b>District Wise Summary for Opening New BS Department</b>								
S.No	District	Student Enrollment		New Departments To Be Opened		Financial Implications Per Annum		Total
		Male	Female	Male	Female	Male	Female	
1	Peshawar	572	436	14	10	5.6	4	9.6
2	Nowshera	280	682	7	17	2.8	6.8	9.6
3	Charsadda	1034	211	25	5	10	2	12
4	Mardan	1048	995	25	24	10	9.6	19.6
5	Swabi	359	595	9	14	3.6	5.6	9.2
6	Malakand	428	370	10	9	4	3.6	7.6
7	Swat	1069	405	26	10	10.4	4	14.4
8	Shangla	232	0	6	0	2.4	0	2.4
9	Bunir	688	333	17	8	6.8	3.2	10



10	Dir (Upper)	350	0	9	0	3.6	0	3.6
11	Dir (Lower)	305	476	8	12	3.2	4.8	8
12	Chitral	0	518	0	13	0	5.2	5.2
13	Bannu	1086	0	30	0	12	0	12
14	Lakki	697	457	18	11	7.2	4.4	11.6
15	D.I. Khan	216	489	5	12	2	4.8	6.8
16	Haripur	0	754	0	19	0	7.6	7.6
17	Abbottabad	174	955	5	24	2	9.6	11.6
18	Mansehra	357	298	8	6	3.2	2.4	5.6
19	Batagram	231	0	6	0	2.4	0	2.4
20	Kohistan	197	0	5	0	2	0	2
<b>Total</b>		<b>9323</b>	<b>7974</b>	<b>233</b>	<b>194</b>	<b>93.2</b>	<b>77.6</b>	<b>170.8</b>
<b>GRAND TOTAL</b>		<b>17297</b>		<b>427</b>		<b>170.8</b>		

**Phase-III: TIMELINE FROM 1<sup>ST</sup> JULY 2018 TO JUNE 2019**

- i. Introduction of BS program in the rest of 105 new colleges by opening 213 new departments.
- ii. Closure of conventional bachelor program in these colleges from the session 2018-19.
- iii. Provision of required basic facilities in these colleges in the 2018-19 budget.

**Financial Requirements for 205 colleges:**

#	Requirement	Cost/college Rs. (m)	Colleges	Total Rs(m)
1	HR deficiency (Remuneration for hiring)			288
2	Faculty development (70 Inland+ 10 Foreign scholarships/year)	1	70	230
		16	10	
3	BS blocks	00	00	00
4	Labs Development	5	105	525
5	Libraries Development	1	105	105
6	Plant & machinery	2	105	210

7	Research	1	38	38
8	Performance Grant	1	500	500
9	Need based Scholarship (BS Students)			100
<b>G. Total</b>				<b>1996</b>

District wise detail of financial cost on HR:

<b>District Wise Summary for Opening New BS Department</b>								
S.No	District	Student Enrollment		New Departments To Be Opened		Financial Implications Per Annum		Total
		Male	Female	Male	Female	Male	Female	
1	Peshawar	358	592	9	15	3.6	6	9.6
2	Nowshera	119	47	3	2	1.2	0.8	2
3	Charsadda	0	529	0	13	0	5.2	5.2
4	Mardan	519	333	13	8	5.2	3.2	8.4
5	Swabi	402	489	10	16	4	6.4	10.4
6	Malakand	85	395	2	10	0.8	4	4.8
7	Swat	0	324	0	8	0	3.2	3.2
8	Shangla	61	0	2	0	0.8	0	0.8
9	Bunir	94	0	2	0	0.8	0	0.8
10	Dir (Upper)	0	129	0	3	0	1.2	1.2
11	Dir (Lower)	48	199	1	5	0.4	2	2.4
12	Chitral	165	0	4	0	1.6	0	1.6
13	Kohat	184	216	5	5	2	2	4
14	Hangu	111	130	3	3	1.2	1.2	2.4
15	Karak	213	180	5	5	2	2	4
16	Bannu	248	160	5	4	2	1.6	3.6
17	Lakki	95	0	2	0	0.8	0	0.8
18	D.I. Khan	372	119	9	3	3.6	1.2	4.8
19	Tank	201	143	5	4	2	1.6	3.6
20	Haripur	175	284	6	7	2.4	2.8	5.2
21	Abbottabad	33	222	5	6	2	2.4	4.4
22	Mansehra	39	32	2	1	0.8	0.4	1.2

23	Batagram	0	27	0	1	0	0.4	0.4
24	Kohistan	29	0	1	0	0.4	0	0.4
<b>Total</b>		<b>3551</b>	<b>4550</b>	<b>94</b>	<b>119</b>	<b>37.6</b>	<b>47.6</b>	<b>85.2</b>
<b>GRAND TOTAL</b>		<b>8101</b>		<b>213</b>		<b>85.2</b>		

- a. The JMC Coordinators will submit self contained case/assessment report of the colleges for opening the proposed departments at selected colleges of the district and requirements of basic facilities/faculty to the Directorate for consideration of BS Committee.
- b. Provision of basic facilities/faculty by the department to these colleges as assessed by the JMC coordinators shall be processed by the Directorate of H.E.
- c. Transfer of teaching faculty engaged in BA/BSc to the BS colleges gradually by Directorate of Higher Education. The sustainability of the program without financial implications on ADP will depend upon filling of the vacant positions, creation of new posts, and rationalization of faculty on basis of student's strength and shifting of surplus faculty from the non BS colleges to proposed BS colleges.

The existing regular teaching faculty may be completely diverted towards BS programme and teachers from market may be hired for intermediate classes out of pupil fund. This will not only reduce the expenses of BS programme but will also helpful in improving the teaching quality at BS level.

#### **ISSUES:-**

- i. Huge financial implications are involved and student's strength in majority colleges (small colleges) is very low thus starting BS in all colleges is not feasible. Response from target group in these colleges will be very low hence the infrastructure established and human resource provided will be underutilized.
- ii. Rationalization of teaching faculty, filling of vacant posts and creation of new posts is a lengthy process. Therefore, incentive will be required for a longer period of time.
- iii. BS program is more research focused. In small colleges provision of research facilities in the form of labs and library development will not be successful in achieving the desired results due to lack of research culture.

- iv. Teaching faculty in the new proposed colleges is not used to semester system being more laborious than annual system, the teaching staff may not be able to attract students for BS program.
- v. Parallel availability of BS program at universities in almost every district of the province will further discourage enrolment in BS in small colleges.
- vi. For BS program the colleges get affiliated with the public sector universities. The existing BS colleges faced difficulty in affiliation with the universities due to lack of minimum standards in these colleges as prescribed by HEC. Small colleges will face extreme difficulty in affiliation and running BS.