

## APPENDIX

**Table 1.1A: Success Rate in the Affiliated Degree Colleges of Barak Valley**

Year	Honours Graduates						Pass Graduates						All Graduates					
	TA	TP	1st D	2nd D	3rd D	Fail	TA	TP	1st D	2nd D	3rd D	Fail	TA	TP	1st D	2nd D	3rd D	Fail
	677	528	118	304	106	149	2435	856	3	225	628	1579	3112	1384	121	529	734	1728
<b>2006</b>		<b>(77.99)</b>	<b>(17.43)</b>	<b>(44.90)</b>	<b>(15.66)</b>	<b>(22.01)</b>		<b>(35.15)</b>	<b>(0.12)</b>	<b>(9.24)</b>	<b>(25.79)</b>	<b>(64.85)</b>		<b>(44.47)</b>	<b>(3.89)</b>	<b>(17.00)</b>	<b>(23.59)</b>	<b>(55.53)</b>
<b>2007</b>	568	318	15	192	111	250	2182	886	0	213	673	1296	2750	1204	15	405	784	1546
		<b>(55.99)</b>	<b>(2.64)</b>	<b>(33.80)</b>	<b>(19.54)</b>	<b>(44.01)</b>		<b>(40.60)</b>	<b>(0.00)</b>	<b>(9.76)</b>	<b>(30.84)</b>	<b>(59.40)</b>		<b>(43.78)</b>	<b>(0.55)</b>	<b>(14.73)</b>	<b>(28.51)</b>	<b>(56.22)</b>
	832	605	133	343	129	227	3094	1188	3	269	916	1906	3926	1793	136	612	1045	2133
<b>2008</b>		<b>(72.72)</b>	<b>(15.99)</b>	<b>(41.23)</b>	<b>(15.50)</b>	<b>(27.28)</b>		<b>(38.40)</b>	<b>(0.10)</b>	<b>(8.69)</b>	<b>(29.61)</b>	<b>(61.60)</b>		<b>(45.67)</b>	<b>(3.46)</b>	<b>(15.59)</b>	<b>(26.62)</b>	<b>(54.33)</b>
	831	639	147	327	165	192	3291	1423	10	323	1090	1868	4122	2062	157	650	1255	2060
<b>2009</b>		<b>(76.90)</b>	<b>(17.69)</b>	<b>(39.35)</b>	<b>(19.86)</b>	<b>(23.10)</b>		<b>(43.24)</b>	<b>(0.30)</b>	<b>(9.81)</b>	<b>(33.12)</b>	<b>(56.76)</b>		<b>(50.02)</b>	<b>(3.81)</b>	<b>(15.77)</b>	<b>(30.45)</b>	<b>(49.98)</b>
	844	694	155	381	158	150	3578	1669	12	435	1222	1909	4422	2363	167	816	1380	2059
<b>2010</b>		<b>(82.23)</b>	<b>(18.36)</b>	<b>(45.14)</b>	<b>(18.72)</b>	<b>(17.77)</b>		<b>(46.65)</b>	<b>(0.34)</b>	<b>(12.16)</b>	<b>(34.15)</b>	<b>(53.35)</b>		<b>(53.44)</b>	<b>(3.78)</b>	<b>(18.45)</b>	<b>(31.21)</b>	<b>(46.56)</b>
	486	357	91	205	61	129	2154	632	16	285	331	1522	2640	989	107	490	392	1651
<b>2011</b>		<b>(73.46)</b>	<b>(18.72)</b>	<b>(42.18)</b>	<b>(12.55)</b>	<b>(26.54)</b>		<b>(29.34)</b>	<b>(0.74)</b>	<b>(13.23)</b>	<b>(15.37)</b>	<b>(70.66)</b>		<b>(37.46)</b>	<b>(4.05)</b>	<b>(18.56)</b>	<b>(14.85)</b>	<b>(62.54)</b>
	720	485	90	300	95	235	3628	1641	41	596	1004	1987	4348	2126	131	896	1099	2222
<b>2012</b>		<b>(67.36)</b>	<b>(12.50)</b>	<b>(41.67)</b>	<b>(13.19)</b>	<b>(32.64)</b>		<b>(45.23)</b>	<b>(1.13)</b>	<b>(16.43)</b>	<b>(27.67)</b>	<b>(54.7)</b>		<b>(48.90)</b>	<b>(3.01)</b>	<b>(20.61)</b>	<b>(25.28)</b>	<b>(51.10)</b>

Source: Author's computation from Assam University TDC Result Books 2006 to 2012

Note: 1. TA denotes total number of appeared students, TP stands for total number of successful or passed students, 1st D, 2nd D and 3rd D students passed with First division, Second division and Pass division marks respectively and Fail denotes total number of unsuccessful students out of those who appeared in final examination.

2. Figures in the parentheses denote percentage value of different categories.

Table 4.1A: Infrastructural Status of HEIs of in terms of different Indicators

Groups / Indices	PRI	TQI	HRI	II
All HEIs	0.472	0.522	0.303	<b>0.534</b>
Mean value				
Number of HEIs below mean	14 (47%)	14 (47%)	22 (73%)	<b>15 (50%)</b>
NAAC Accredited	0.657	0.783	0.279	<b>0.742</b>
Mean value				
HEIs	9 (69%)	4 (31%)	7 (54%)	<b>7 (54%)</b>
Number of HEIs below mean				
Non-NAAC	0.331	0.322	0.322	<b>0.374</b>
Mean value				
Accredited HEIs	6 (35%)	6 (35%)	13 (76%)	<b>9 (53%)</b>
Number of HEIs below mean				

Source: Calculated Results from primary data set of 30 HEIs of Barak Valley during September 2012 to September 2013

Note: 1. Figures in Parentheses are in percentage.

2. PRI, TQI, HRI and II denote physical resource index, teachers' quality index, human resource index and infrastructure index respectively.

**Table 5.1A: Partial Elasticity of HEIs output with respect to Teacher-student Ratio and Expenditure per student for NAAC Accredited HEIs in Barak Valley**

Partial Elasticity	HEI Code	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Mean
TSR	C3	0.91	0.65	0.47	0.43	0.70	0.92	1.91	0.86
	C6	-0.61	-0.76	-1.15	-0.69	-0.08	-0.03	-0.20	-0.50
	C9	0.16	-0.29	0.10	0.22	0.42	0.22	0.56	0.20
	C10	0.51	0.90	0.77	1.08	0.87	0.98	0.71	0.83
	C12	0.50	-0.04	-0.01	0.10	0.60	0.76	0.09	0.28
	C15	-0.56	-0.66	-0.43	-0.66	-0.24	-0.33	-1.40	-0.61
	C16	1.03	0.59	0.99	0.83	1.48	1.75	1.52	1.17
	C19	-0.70	-0.62	-0.37	-0.30	-0.08	-0.30	0.00	-0.34
	C20	0.48	0.06	-0.25	-0.52	0.36	0.22	0.40	0.11
	C21	-0.58	-0.83	-0.85	-0.68	-0.45	-0.17	0.06	-0.50
	C26	0.25	0.20	-0.20	0.15	0.17	0.17	-0.04	0.10
	C30	0.02	-0.55	-0.58	-0.44	-0.01	0.89	-0.10	-0.11
	Mean		0.12	-0.11	-0.13	-0.04	0.31	0.42	0.29
EPS	C3	-0.12	-0.06	0.03	0.08	0.11	0.28	0.36	0.10
	C6	-0.29	-0.14	-0.04	-0.11	0.01	0.14	0.20	-0.03
	C9	0.08	0.43	0.18	0.20	0.28	0.39	0.53	0.30
	C10	-0.11	-0.09	-0.01	-0.01	-0.02	-0.04	0.21	-0.01
	C12	-0.02	0.12	0.12	0.05	0.08	0.27	0.33	0.13
	C15	-0.25	-0.20	-0.25	-0.21	-0.14	0.04	0.14	-0.12
	C16	-0.13	-0.18	-0.12	-0.06	-0.06	-0.05	0.30	-0.04
	C19	-0.08	-0.09	-0.08	-0.06	-0.10	-0.01	-0.02	-0.06
	C20	0.13	0.15	0.21	0.23	0.17	0.18	0.23	0.19
	C21	-0.07	-0.06	0.03	-0.01	0.22	0.32	0.33	0.11
	C26	-0.62	-0.48	-0.19	-0.17	-0.24	-0.06	0.41	-0.19
	C30	-0.28	-0.13	0.03	0.10	0.25	0.33	0.26	0.08
	Mean		-0.15	-0.06	-0.01	0.00	0.05	0.15	0.27

*Source: Author's Compilation from SFA estimates of 15 HEIs over sessions 2005-06 to 2011-12 using primary data collected from the HEIs during September 2012 to September 2013, AUS's Result Books, and AUS's Annual Reports.*

**Table 5.2A: Partial Elasticity of quality graduates with respect to Teacher-student Ratio and Expenditure per student for Non-accredited colleges in Barak Valley**

	HEI Code	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Mean
TSR	C1	-0.111	-0.244	-0.152	-0.245	-0.308	-0.267	-0.043	-0.196
	C5	-0.400	-0.789	-0.785	-0.713	-0.643	-0.631	-1.874	-0.834
	C7	0.155	0.183	0.236	-0.363	-0.167	-0.156	-0.270	-0.055
	C11	0.489	1.317	2.346	1.534	1.018	0.495	-0.030	1.024
	C13	1.177	4.520	4.122	4.029	4.099	3.860	2.855	3.523
	C14	-0.144	-0.007	0.038	-0.173	-0.361	-0.357	0.258	-0.107
	C17	-0.540	-0.495	-0.752	-0.637	-0.633	-0.134	-0.403	-0.513
	C18	0.180	0.380	-0.198	-0.200	-0.123	0.041	0.271	0.050
	C22	-0.294	-0.169	-0.097	-0.692	-0.055	-0.224	-1.189	-0.389
	C23	-0.153	-0.178	-0.330	-0.160	-0.160	-0.131	-0.032	-0.163
	C24	-1.230	-0.843	-0.620	-0.185	-0.152	-0.380	-0.469	-0.554
	C25	-0.542	-0.682	-0.715	-0.759	-0.917	-0.788	-1.027	-0.776
	C27	-0.732	-0.699	-0.203	-0.542	-1.053	-1.200	-0.655	-0.726
	C28	0.604	0.112	0.052	-0.093	0.113	0.239	0.243	0.181
	C29	-0.835	-1.047	-1.083	-0.784	-1.003	-0.758	-0.306	-0.831
	Mean	-0.158	0.091	0.124	0.001	-0.023	-0.026	-0.178	-0.024
EPS	C1	-0.705	-0.721	-0.795	-0.804	-0.713	-0.718	-0.552	-0.716
	C5	-0.404	-0.384	-0.416	-0.367	-0.442	-0.486	1.148	-0.193
	C7	-0.756	-0.764	-0.756	-0.578	-0.877	-0.906	-0.903	-0.791
	C11	-0.907	-0.906	-1.270	-0.635	-0.705	-0.935	-0.786	-0.878
	C13	-1.502	-2.503	-2.381	-2.264	-2.383	-2.320	-2.012	-2.195
	C14	-0.852	-0.892	-0.906	-0.843	-1.059	-1.060	-1.243	-0.979
	C17	-0.169	-0.190	-0.164	-0.433	-0.477	-0.759	-0.638	-0.404
	C18	0.258	0.190	0.358	0.178	0.013	-0.670	-1.222	-0.128
	C22	0.025	-0.152	-0.448	-0.268	-0.995	-0.984	-0.009	-0.404
	C23	-0.533	-0.525	-0.418	-0.469	-0.469	-0.477	-0.564	-0.494
	C24	0.898	0.681	0.388	0.346	0.258	0.297	0.298	0.452
	C25	0.122	0.095	0.053	0.099	-0.060	-0.159	-0.132	0.003
	C27	0.186	0.130	-0.095	-0.152	0.052	-0.135	-0.419	-0.062
	C28	-0.794	0.128	-0.225	-0.100	-0.459	-1.085	-0.880	-0.488
	C29	-0.122	-0.045	-0.204	-0.711	-0.605	-1.009	-1.674	-0.624
	Mean	-0.350	-0.390	-0.485	-0.467	-0.595	-0.760	-0.639	-0.527

*Source: Author's Compilation from SFA estimates of 15 HEIs over sessions 2005-06 to 2011-12 using primary data collected from the HEIs during September 2012 to September 2013, AUS's Result Books, and AUS's Annual Reports.*

**Table 5.3A: Partial Elasticity of quality graduates with respect to Expenditure per student for the HEIs of Barak Valley**

HEI Code	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Mean
C1	0.041	0.033	0.041	0.036	0.029	0.032	0.041	0.036
C3	<i>0.054</i>	<i>0.067</i>	<i>0.081</i>	<i>0.087</i>	<i>0.083</i>	<i>0.093</i>	<i>0.073</i>	0.077
C5	0.015	-0.009	-0.008	-0.005	0.001	0.003	-0.118	-0.017
C6	<i>0.08</i>	<i>0.099</i>	<i>0.12</i>	<i>0.1</i>	<i>0.095</i>	<i>0.106</i>	<i>0.117</i>	0.103
C7	0.059	0.061	0.064	0.022	0.042	0.044	0.037	0.047
C9	<i>0.095</i>	<i>0.142</i>	<i>0.106</i>	<i>0.105</i>	<i>0.107</i>	<i>0.124</i>	<i>0.127</i>	0.115
C10	<i>0.066</i>	<i>0.057</i>	<i>0.069</i>	<i>0.06</i>	<i>0.065</i>	<i>0.06</i>	<i>0.092</i>	0.067
C11	0.083	0.134	0.206	0.139	0.11	0.084	0.048	0.115
C12	<i>0.076</i>	<i>0.104</i>	<i>0.103</i>	<i>0.093</i>	<i>0.082</i>	<i>0.097</i>	<i>0.121</i>	0.097
C13	0.142	0.373	0.346	0.337	0.344	0.328	0.258	0.304
C14	0.043	0.053	0.056	0.041	0.036	0.036	0.079	0.049
C15	<i>0.083</i>	<i>0.09</i>	<i>0.079</i>	<i>0.09</i>	<i>0.085</i>	<i>0.105</i>	<i>0.145</i>	0.097
C16	<i>0.049</i>	<i>0.057</i>	<i>0.052</i>	<i>0.063</i>	<i>0.044</i>	<i>0.037</i>	<i>0.078</i>	0.054
C17	0	0.003	-0.013	0.001	0.003	0.041	0.021	0.008
C18	0.032	0.046	0.006	0.011	0.02	0.049	0.079	0.035
C19	<i>0.103</i>	<i>0.101</i>	<i>0.094</i>	<i>0.094</i>	<i>0.084</i>	<i>0.099</i>	<i>0.09</i>	0.095
C20	<i>0.091</i>	<i>0.105</i>	<i>0.119</i>	<i>0.129</i>	<i>0.098</i>	<i>0.103</i>	<i>0.103</i>	0.107
C21	<i>0.101</i>	<i>0.11</i>	<i>0.119</i>	<i>0.11</i>	<i>0.126</i>	<i>0.128</i>	<i>0.122</i>	<i>0.116</i>
C22	0.009	0.022	0.035	-0.007	0.053	0.042	-0.044	0.016
C23	0.034	0.032	0.02	0.031	0.031	0.034	0.042	0.032
C24	-0.072	-0.042	-0.021	0.007	0.012	-0.003	-0.009	-0.018
C25	-0.008	-0.016	-0.017	-0.021	-0.026	-0.015	-0.031	-0.019
C26	<i>0.024</i>	<i>0.038</i>	<i>0.078</i>	<i>0.07</i>	<i>0.063</i>	<i>0.081</i>	<i>0.133</i>	<i>0.07</i>
C27	-0.022	-0.018	0.018	-0.001	-0.037	-0.041	0	-0.014
C28	0.087	0.031	0.038	0.025	0.048	0.073	0.068	0.053
C29	-0.019	-0.034	-0.032	0	-0.016	0.01	0.056	-0.005
C30	<i>0.064</i>	<i>0.095</i>	<i>0.111</i>	<i>0.114</i>	<i>0.116</i>	<i>0.099</i>	<i>0.12</i>	<i>0.103</i>
<b>Annual Mean</b>	0.049	0.064	0.069	0.064	0.063	0.068	0.068	0.064

Source: Author's Compilation from SFA estimates of 27 HEIs over sessions 205-06 to 2011-12 using primary data collected from the colleges during September 2012 to September 2013, AUS's Result Books, and AUS's Annual Reports.

Note: Italic values are for NAAC accredited colleges

**Table 5.4A: Partial Elasticity of quality graduates with respect to Teachers' Student Ratio for the HEIs of Barak Valley**

HEI Code	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Mean
C1	0.005	0.033	0.041	0.036	0.029	0.032	0.041	0.031
C3	<i>0.061</i>	<i>0.067</i>	<i>0.081</i>	<i>0.087</i>	<i>0.083</i>	<i>0.093</i>	<i>0.073</i>	0.078
C5	0.005	-0.009	-0.008	-0.005	0.001	0.003	-0.118	-0.019
C6	<i>-0.004</i>	<i>0.099</i>	<i>0.12</i>	<i>0.1</i>	<i>0.095</i>	<i>0.106</i>	<i>0.117</i>	0.091
C7	-0.014	0.061	0.064	0.022	0.042	0.044	0.037	0.037
C9	<i>0.052</i>	<i>0.142</i>	<i>0.106</i>	<i>0.105</i>	<i>0.107</i>	<i>0.124</i>	<i>0.127</i>	0.109
C10	<i>0.048</i>	<i>0.057</i>	<i>0.069</i>	<i>0.06</i>	<i>0.065</i>	<i>0.06</i>	<i>0.092</i>	0.064
C11	-0.031	0.134	0.206	0.139	0.11	0.084	0.048	0.099
C12	<i>0.055</i>	<i>0.104</i>	<i>0.103</i>	<i>0.093</i>	<i>0.082</i>	<i>0.097</i>	<i>0.121</i>	0.094
C13	-0.042	0.373	0.346	0.337	0.344	0.328	0.258	0.278
C14	0.02	0.053	0.056	0.041	0.036	0.036	0.079	0.046
C15	<i>0.001</i>	<i>0.09</i>	<i>0.079</i>	<i>0.09</i>	<i>0.085</i>	<i>0.105</i>	<i>0.145</i>	0.085
C16	<i>0.064</i>	<i>0.057</i>	<i>0.052</i>	<i>0.063</i>	<i>0.044</i>	<i>0.037</i>	<i>0.078</i>	0.056
C17	-0.002	0.003	-0.013	0.001	0.003	0.041	0.021	0.008
C18	-0.099	0.046	0.006	0.011	0.02	0.049	0.079	0.016
C19	<i>0.01</i>	<i>0.101</i>	<i>0.094</i>	<i>0.094</i>	<i>0.084</i>	<i>0.099</i>	<i>0.09</i>	0.082
C20	<i>0.067</i>	<i>0.105</i>	<i>0.119</i>	<i>0.129</i>	<i>0.098</i>	<i>0.103</i>	<i>0.103</i>	0.104
C21	<i>0.015</i>	<i>0.11</i>	<i>0.119</i>	<i>0.11</i>	<i>0.126</i>	<i>0.128</i>	<i>0.122</i>	<i>0.104</i>
C22	-0.039	0.022	0.035	-0.007	0.053	0.042	-0.044	0.009
C23	-0.006	0.032	0.02	0.031	0.031	0.034	0.042	0.026
C24	-0.029	-0.042	-0.021	0.007	0.012	-0.003	-0.009	-0.012
C25	-0.025	-0.016	-0.017	-0.021	-0.026	-0.015	-0.031	-0.022
C26	<i>-0.002</i>	<i>0.038</i>	<i>0.078</i>	<i>0.07</i>	<i>0.063</i>	<i>0.081</i>	<i>0.133</i>	<i>0.066</i>
C27	-0.014	-0.018	0.018	-0.001	-0.037	-0.041	0	-0.013
C28	-0.05	0.031	0.038	0.025	0.048	0.073	0.068	0.033
C29	0.02	-0.034	-0.032	0	-0.016	0.01	0.056	0.001
C30	<i>0.018</i>	<i>0.095</i>	<i>0.111</i>	<i>0.114</i>	<i>0.116</i>	<i>0.099</i>	<i>0.12</i>	<i>0.096</i>
Mean	0	0.064	0.069	0.064	0.063	0.068	0.068	0.057

Source: Author's Compilation from SFA estimates of 27 HEIs over sessions 2005-06 to 2011-12 based on primary data collected from the colleges during September 2012 to September 2013, AUS's Result Books, and AUS's Annual Reports.

Note: *Italic values are for NAAC accredited colleges*

**Table 5.5A: Descriptive Statistics of Determinants of Efficiency for General Degree Colleges of Barak Valley**

Environmental Factors	All (27)				NAAC (N=12)				Non- NAAC (N=15)			
	Mean	Std. Dev.	Min	Max	Mean	Std. Dev.	Min	Max	Mean	Std. Dev.	Min	Max
Average Teaching Experience of the Teachers	8.59	3.29	3.40	16.13	10.43	3.13	4.65	16.13	7.12	2.68	3.40	12.07
Share of teachers with Teaching Experience between 5 to 20 years	53.25	18.66	18.18	93.33	49.78	15.16	24.3	74.29	56.03	21.15	18.18	93.33
Share of teachers with Teaching Experience more than 20yrs	13.92	15.70	0.00	42.19	26.30	12.40	0.00	42.19	4.01	10.03	0.00	36.36
Share of teachers with Teaching Experience Less than 5 years	32.83	20.99	0.00	81.82	23.92	16.04	0.00	57.69	39.96	22.22	6.67	81.82
Percentage of teachers with Ph.D. Degree	17.16	15.38	0.00	44.59	30.1	11.63	7.32	44.59	6.80	8.62	0.00	33.33
Percentage of teachers with M.Phil.	19.52	16.85	0.00	70.73	28.33	19.20	4.00	70.73	12.47	10.85	0.00	36.84
Percentage of teachers with NET/SLET	13.73	14.02	0.00	52.63	18.71	12.69	0.00	40.63	9.75	14.14	0.00	52.63
Location of the HEI (LD)	0.33	0.48	0.00	1.00	0.67	0.49	0.00	1.00	0.07	0.26	0.00	1.00
Courses offered by the HEI (CO)	1.48	0.75	1.00	3.00	1.42	0.79	1.00	3.00	1.53	0.74	1.00	3.00
Type of affiliation of the HEI (TOA)	0.48	0.51	0.00	1.00	1.00	0.00	1.00	1.00	0.07	0.26	0.00	1.00

Source: Calculated form primary data collected from the HEIs during September 2012-September 2013

**Table 5.6A: Growth of Malmquist Indices for the HEIs of Barak Valley**

	Academic Sessions	Efficiency Change	Technological Change	Pure Efficiency Change	Scale Efficiency Change	Total Factor Productivity Change
NAAC Accredited Colleges	2006-07	-1.90	-7.10	-4.50	2.80	-8.80
	2007-08	3.67	-0.11	10.37	-6.13	3.51
	2008-09	3.74	6.36	-2.37	6.32	10.38
	2009-10	-8.53	19.15	-3.79	-4.97	8.93
	2010-11	2.07	-40.90	1.41	0.62	-39.65
	2011-12	8.32	43.17	5.08	3.06	54.89
	<b>Annual Average</b>	<b>1.23</b>	<b>3.43</b>	<b>1.03</b>	<b>0.28</b>	<b>4.88</b>
Non-accredited Colleges	2006-07	-29.70	12.80	-25.10	-6.10	-20.60
	2007-08	43.53	-7.54	47.53	-2.77	32.62
	2008-09	18.83	-10.83	-0.27	19.17	5.89
	2009-10	-31.53	34.41	-26.95	-6.16	-7.89
	2010-11	25.33	-40.72	33.29	-6.07	-25.80
	2011-12	10.40	86.50	-6.90	18.56	106.04
	<b>Annual Average</b>	<b>6.14</b>	<b>12.44</b>	<b>3.60</b>	<b>2.77</b>	<b>15.04</b>
ALL Colleges	2006-07	-19.30	6.80	-16.30	-3.60	-13.80
	2007-08	20.45	-1.12	24.49	-3.32	19.03
	2008-09	18.00	-8.33	5.47	12.02	8.28
	2009-10	-26.94	33.47	-21.02	-7.47	-2.52
	2010-11	32.46	-47.83	25.12	5.69	-30.93
	2011-12	-11.35	107.57	-13.54	2.64	83.96
	<b>Annual Average</b>	<b>2.22</b>	<b>15.09</b>	<b>0.70</b>	<b>0.99</b>	<b>10.67</b>

*Source: Author's Compilation from Malmquist DEA of the HEIs over sessions 2005-06 to 2011-12 based on primary data collected from the colleges during September 2012 to September 2013, AUS's Result Books, and AUS's Annual Reports.*



**Table 5.7A: CRS Output Oriented TE for NAAC Accredited HEIs of Barak Valley**

HEI Code	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Mean Score
C3	1.00	1.00	1.00	1.00	0.95	0.86	1.00	0.97
C6	0.57	0.51	0.37	0.63	0.59	0.44	0.61	0.53
C9	0.86	0.91	0.96	1.00	1.00	1.00	1.00	0.96
C10	0.78	1.00	0.93	1.00	0.83	0.73	0.86	0.88
C12	0.80	0.67	0.80	0.79	0.80	0.68	0.71	0.75
C15	0.56	0.56	0.86	0.80	0.65	0.52	0.61	0.65
C16	1.00	1.00	1.00	1.00	1.00	1.00	0.97	1.00
C19	0.45	0.55	0.60	0.65	0.62	0.74	1.00	0.66
C20	0.84	0.72	0.61	0.57	0.68	0.56	0.73	0.67
C21	0.47	0.45	0.50	0.50	0.46	0.57	0.64	0.51
C26	1.00	1.00	1.00	1.00	1.00	1.00	0.61	0.94
C30	0.74	0.56	0.53	0.55	0.57	1.00	0.77	0.67
Mean	0.76	0.74	0.76	0.79	0.76	0.76	0.79	0.77

*Source: Author's Compilation from DEA estimates of the HEIs over sessions 2005-06 to 2011-12 based on primary data collected from the colleges during September 2012 to September 2013, AUS's Result Books, and AUS's Annual Reports.*

**Table 5.8A: DEA-VRS Output Oriented TE for NAAC Accredited HEIs of Barak Valley**

HEI Code	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Mean
C3	1	1	1	1	1	1	1	1
C6	0.58	0.54	0.44	0.63	0.59	0.52	0.62	0.56
C9	1	1	1	1	1	1	1	1
C10	1	1	1	1	1	1	1	1
C12	1	0.69	1	1	0.9	0.68	0.99	0.89
C15	0.58	0.6	0.92	0.81	0.79	0.69	0.64	0.72
C16	1	1	1	1	1	1	1	1
C19	0.47	0.59	0.72	0.78	0.77	0.82	1	0.73
C20	0.84	0.75	0.61	0.58	0.69	0.57	0.74	0.68
C21	0.48	0.48	0.54	0.54	0.47	0.58	0.74	0.55
C26	1	1	1	1	1	1	0.64	0.95
C30	0.75	0.58	0.54	0.58	0.6	1	0.91	0.71
Mean	0.81	0.77	0.81	0.83	0.82	0.82	0.81	0.81

*Source: Author's Compilation from DEA estimates of the HEIs over sessions 2005-06 to 2011-12 based on primary data collected from the colleges during September 2012 to September 2013, AUS's Result Books, and AUS's Annual Reports.*

**Table 5.9A: DEA-CRS Output Oriented TE Score Non-Accredited HEIs of Barak Valley**

HEI Code	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Mean
<b>C1</b>	0.63	0.62	0.54	0.59	0.5	0.47	0.36	0.53
<b>C5</b>	0.84	1	0.81	1	0.7	0.63	1	0.85
<b>C7</b>	0.52	0.39	0.35	0.69	0.43	0.46	0.94	0.54
<b>C11</b>	0.34	0.1	0.03	0.1	0.12	0.34	0.42	0.21
<b>C13</b>	0.23	0.01	0.03	0.01	0.01	0.01	0.03	0.04
<b>C14</b>	0.82	0.51	0.42	0.54	0.63	0.64	0.39	0.56
<b>C17</b>	1	1	0.79	0.92	0.79	0.48	0.65	0.8
<b>C18</b>	0.27	0.29	0.77	0.71	0.61	0.34	0.4	0.48
<b>C22</b>	0.55	0.44	0.38	0.98	0.44	0.77	0.99	0.65
<b>C23</b>	0.58	0.68	0.51	0.57	0.42	0.34	0.36	0.49
<b>C24</b>	1	1	1	1	0.63	0.82	0.33	0.83
<b>C25</b>	0.7	0.77	0.9	1	1	0.72	1	0.87
<b>C27</b>	1	0.82	0.73	0.83	1	1	1	0.91
<b>C28</b>	0.27	0.37	0.4	0.51	0.32	0.32	0.31	0.36
<b>C29</b>	1	1	1	1	1	1	1	1
<b>Mean</b>	<b>0.65</b>	<b>0.6</b>	<b>0.58</b>	<b>0.7</b>	<b>0.57</b>	<b>0.56</b>	<b>0.61</b>	<b>0.61</b>

*Source: Author's Compilation from DEA estimates of the HEIs over sessions 2005-06 to 2011-12 based on primary data collected from the colleges during September 2012 to September 2013, AUS's Result Books, and AUS's Annual Reports.*

**Table 5.10A: DEA-VRS Output Oriented TE Scores of Non-accredited HEIs of Barak Valley**

HEI Code	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Mean
<b>C1</b>	0.84	0.89	0.77	0.81	0.67	0.84	0.71	0.79
<b>C5</b>	0.91	1.00	1.00	1.00	0.70	0.71	1.00	0.90
<b>C7</b>	0.53	0.41	0.38	0.69	0.49	0.51	1.00	0.57
<b>C11</b>	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
<b>C13</b>	0.30	0.01	0.04	0.01	0.01	0.01	0.04	0.06
<b>C14</b>	1.00	0.66	0.63	1.00	0.89	0.68	0.48	0.76
<b>C17</b>	1.00	1.00	0.84	0.93	0.80	0.82	0.70	0.87
<b>C18</b>	0.50	0.48	1.00	0.72	0.61	0.66	0.47	0.63
<b>C22</b>	0.66	0.45	0.38	0.98	0.49	0.94	1.00	0.70
<b>C23</b>	0.61	0.73	0.53	0.57	0.46	0.47	0.37	0.53
<b>C24</b>	1.00	1.00	1.00	1.00	1.00	1.00	0.34	0.91
<b>C25</b>	0.82	0.80	0.98	1.00	1.00	1.00	1.00	0.94
<b>C27</b>	1.00	0.94	0.81	1.00	1.00	1.00	1.00	0.96
<b>C28</b>	0.33	0.38	0.42	0.67	0.33	0.33	0.33	0.40
<b>C29</b>	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
<b>Annual Mean</b>	<b>0.77</b>	<b>0.72</b>	<b>0.72</b>	<b>0.82</b>	<b>0.70</b>	<b>0.73</b>	<b>0.70</b>	<b>0.74</b>

*Source: Author's Compilation from DEA estimates of the HEIs over sessions 2005-06 to 2011-12 based on primary data collected from the colleges during September 2012 to September 2013, AUS's Result Books, and AUS's Annual Reports.*

**Table 5.11A: DEA-CRS Output Oriented TE Score for All HEIs in Barak Valley**

HEI Code	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Mean
C1	0.61	0.61	0.51	0.59	0.50	0.47	0.35	0.52
C3	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	<i>0.76</i>	<i>0.79</i>	<i>1.00</i>	0.94
C5	0.81	1.00	0.81	1.00	0.70	0.63	1.00	0.85
C6	<i>0.48</i>	<i>0.41</i>	<i>0.30</i>	<i>0.34</i>	<i>0.40</i>	<i>0.42</i>	<i>0.39</i>	0.39
C7	0.47	0.38	0.33	0.69	0.43	0.46	0.94	0.53
C9	<i>0.86</i>	<i>0.91</i>	<i>0.96</i>	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	<i>0.92</i>	0.95
C10	<i>0.78</i>	<i>0.98</i>	<i>0.74</i>	<i>0.84</i>	<i>0.62</i>	<i>0.65</i>	<i>0.60</i>	0.74
C11	0.34	0.10	0.03	0.10	0.12	0.33	0.42	0.21
C12	<i>0.80</i>	<i>0.61</i>	<i>0.79</i>	<i>0.75</i>	<i>0.59</i>	<i>0.66</i>	<i>0.49</i>	0.67
C13	0.21	0.01	0.02	0.01	0.01	0.01	0.03	0.04
C14	0.70	0.51	0.42	0.54	0.63	0.64	0.38	0.55
C15	<i>0.46</i>	<i>0.41</i>	<i>0.48</i>	<i>0.53</i>	<i>0.41</i>	<i>0.41</i>	<i>0.35</i>	0.44
C16	<i>1.00</i>	<i>1.00</i>	<i>0.85</i>	<i>0.86</i>	<i>0.83</i>	<i>0.96</i>	<i>0.86</i>	0.91
C17	1.00	1.00	0.79	0.92	0.79	0.47	0.65	0.80
C18	0.27	0.29	0.77	0.71	0.61	0.34	0.40	0.48
C19	<i>0.44</i>	<i>0.55</i>	<i>0.48</i>	<i>0.55</i>	<i>0.39</i>	<i>0.67</i>	<i>0.55</i>	0.52
C20	<i>0.84</i>	<i>0.69</i>	<i>0.47</i>	<i>0.51</i>	<i>0.51</i>	<i>0.51</i>	<i>0.52</i>	0.58
C21	<i>0.46</i>	<i>0.41</i>	<i>0.46</i>	<i>0.39</i>	<i>0.35</i>	<i>0.54</i>	<i>0.46</i>	0.44
C22	0.55	0.44	0.38	0.98	0.43	0.74	0.99	0.64
C23	0.57	0.65	0.51	0.57	0.42	0.34	0.36	0.49
C24	1.00	1.00	1.00	1.00	0.63	0.82	0.33	0.82
C25	0.70	0.77	0.90	1.00	1.00	0.72	1.00	0.87
C26	<i>1.00</i>	<i>0.74</i>	<i>0.76</i>	<i>1.00</i>	<i>0.71</i>	<i>0.93</i>	<i>0.47</i>	0.80
C27	1.00	0.82	0.73	0.83	1.00	1.00	1.00	0.91
C28	0.27	0.37	0.40	0.51	0.32	0.32	0.31	0.35
C29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C30	<i>0.60</i>	<i>0.49</i>	<i>0.49</i>	<i>0.48</i>	<i>0.44</i>	<i>1.00</i>	<i>0.48</i>	0.57
<b>Mean</b>	0.67	0.63	0.61	0.69	0.58	0.62	0.60	0.63

Source: Author's Compilation from DEA estimates of the HEIs over sessions 205-06 to 2011-12 based on primary data collected from the colleges during September 2012 to September 2013, AUS's Result Books, and AUS's Annual Reports.

Note: Italic values are for NAAC accredited colleges

**Table 5.12A: DEA-VRS Output Oriented TE Score for All HEIs in Barak Valley**

<b>HEI Code</b>	<b>2005-06</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>Mean</b>
C1	0.69	0.74	0.65	0.78	0.66	0.83	0.68	0.72
C3	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	1.00
C5	0.87	1.00	1.00	1.00	0.70	0.71	1.00	0.90
C6	<i>0.53</i>	<i>0.44</i>	<i>0.37</i>	<i>0.49</i>	<i>0.46</i>	<i>0.51</i>	<i>0.43</i>	0.46
C7	0.49	0.39	0.37	0.69	0.49	0.51	1.00	0.56
C9	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	1.00
C10	<i>0.80</i>	<i>0.99</i>	<i>0.76</i>	<i>0.85</i>	<i>0.64</i>	<i>0.66</i>	<i>0.64</i>	0.76
C11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C12	<i>0.82</i>	<i>0.61</i>	<i>0.90</i>	<i>0.84</i>	<i>0.59</i>	<i>0.68</i>	<i>0.49</i>	0.70
C13	0.21	0.01	0.02	0.01	0.01	0.01	0.04	0.04
C14	0.95	0.66	0.63	1.00	0.89	0.68	0.47	0.76
C15	<i>0.56</i>	<i>0.54</i>	<i>0.63</i>	<i>0.68</i>	<i>0.65</i>	<i>0.66</i>	<i>0.63</i>	0.62
C16	<i>1.00</i>	<i>1.00</i>	<i>0.87</i>	<i>0.88</i>	<i>0.88</i>	<i>0.99</i>	<i>0.96</i>	0.94
C17	1.00	1.00	0.84	0.93	0.80	0.75	0.69	0.86
C18	0.50	0.48	1.00	0.72	0.61	0.62	0.44	0.62
C19	<i>0.46</i>	<i>0.59</i>	<i>0.63</i>	<i>0.67</i>	<i>0.62</i>	<i>0.82</i>	<i>1.00</i>	0.68
C20	<i>0.84</i>	<i>0.69</i>	<i>0.53</i>	<i>0.52</i>	<i>0.59</i>	<i>0.55</i>	<i>0.52</i>	0.61
C21	<i>0.47</i>	<i>0.42</i>	<i>0.47</i>	<i>0.43</i>	<i>0.42</i>	<i>0.56</i>	<i>0.47</i>	0.46
C22	0.66	0.45	0.38	0.98	0.49	0.82	1.00	0.68
C23	0.60	0.65	0.53	0.57	0.46	0.47	0.37	0.52
C24	1.00	1.00	1.00	1.00	1.00	1.00	0.34	0.91
C25	0.82	0.80	0.98	1.00	1.00	1.00	1.00	0.94
C26	<i>1.00</i>	<i>1.00</i>	<i>0.89</i>	<i>1.00</i>	<i>1.00</i>	<i>1.00</i>	<i>0.52</i>	0.92
C27	1.00	0.94	0.81	1.00	1.00	1.00	1.00	0.96
C28	0.31	0.38	0.42	0.67	0.33	0.33	0.33	0.39
C29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C30	<i>0.68</i>	<i>0.49</i>	<i>0.49</i>	<i>0.52</i>	<i>0.55</i>	<i>1.00</i>	<i>0.58</i>	0.61
<b>Mean</b>	0.75	0.71	0.71	0.79	0.70	0.75	0.69	0.73

*Source: Author's Compilation from DEA estimates of the HEIs over sessions 205-06 to 2011-12 based on primary data collected from the colleges during September 2012 to September 2013, AUS's Result Books, and AUS's Annual Reports.*

*Note: Italic values are for NAAC accredited colleges*

**Table 6.1A: Reasons for Demand for Pursuing Higher Education for different Socioeconomic and Academic Background**

Group	N	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
MALE	64 (32.00%)	93.75%	90.63%	60.94%	90.63%	48.44%	89.06%	57.81%	67.19%
FEMALE	136 (68.00%)	95.59%	90.44%	63.97%	82.35%	58.09%	87.50%	52.94%	75.00%
SOCIAL SCIENCE	135 (67.50%)	94.81%	90.37%	65.93%	83.70%	55.56%	85.19%	61.48%	74.81%
PHYSICAL SCIENCE	65 (32.50%)	95.38%	90.77%	56.92%	87.69%	53.85%	93.85%	40.00%	67.69%
HINDU	156 (78.00%)	94.87%	90.38%	64.10%	82.05%	55.13%	87.82%	54.49%	73.72%
OTHERS	44 (22.00%)	95.45%	90.91%	59.09%	95.45%	54.55%	88.64%	54.55%	68.18%
GEN	117 (58.50%)	95.73%	91.45%	56.41%	88.89%	54.70%	90.60%	49.57%	75.21%
OBC	54 (27.00%)	93.10%	86.21%	56.90%	75.86%	56.90%	82.76%	65.52%	70.69%
SC/ST	25 (12.50%)	96.00%	96.00%	56.00%	88.00%	52.00%	88.00%	52.00%	64.00%
>Mean Average Annual Income	121 (60.50%)	91.74%	87.60%	58.68%	82.64%	52.89%	89.26%	55.37%	71.07%
<Mean Average Annual Income	79 (39.50%)	100.00%	94.94%	58.23%	88.61%	58.23%	86.08%	53.16%	74.68%
HONS	112 (56.00%)	95.54%	92.86%	60.71%	87.50%	49.11%	91.07%	46.43%	73.21%
PASS	88 (44.00%)	94.32%	87.50%	65.91%	81.82%	62.50%	84.09%	64.77%	71.59%

*Source: Primary data from the field survey during January 2014 to April 2014 at AUS campus*

**Table 6.2A: Factors Influencing Demand for Higher Education Institution for different Socio Economic and Academic Background**

Group	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12
MALE	57.81%	50.00%	75.00%	76.56%	45.31%	20.31%	62.50%	46.88%	76.56%	67.19%	75.00%	68.75%
FEMALE	64.71%	36.03%	83.09%	69.12%	61.03%	19.12%	63.24%	60.29%	77.94%	72.06%	76.47%	74.26%
SOCIAL SCIENCE	60.00%	41.48%	78.52%	68.15%	58.52%	24.44%	64.44%	60.00%	78.52%	73.33%	75.56%	72.59%
PHYSICAL SCIENCE	67.69%	38.46%	84.62%	78.46%	50.77%	9.23%	60.00%	47.69%	75.38%	64.62%	76.92%	72.31%
HINDU	60.90%	37.82%	80.77%	73.72%	56.41%	16.03%	65.38%	56.41%	75.64%	67.95%	75.00%	71.79%
OTHERS	68.18%	50.00%	79.55%	63.64%	54.55%	31.82%	54.55%	54.55%	84.09%	79.55%	79.55%	75.00%
GEN	65.81%	45.30%	76.92%	69.23%	50.43%	17.09%	65.81%	52.99%	73.50%	66.67%	74.36%	75.21%
OBC	65.52%	34.48%	91.38%	75.86%	65.52%	27.59%	60.34%	58.62%	84.48%	79.31%	81.03%	70.69%
SC/ST	40.00%	32.00%	72.00%	72.00%	60.00%	12.00%	56.00%	64.00%	80.00%	68.00%	72.00%	64.00%
>Mean Average Annual Income	65.29%	36.36%	78.51%	71.07%	59.50%	19.01%	57.85%	52.07%	80.99%	66.94%	76.03%	67.77%
<Mean Average Annual Income	58.23%	46.84%	83.54%	72.15%	50.63%	20.25%	70.89%	62.03%	72.15%	75.95%	75.95%	79.75%
HONS	58.93%	40.18%	79.46%	75.89%	51.79%	13.39%	65.18%	56.25%	75.89%	66.96%	76.79%	73.21%
PASS	67.05%	40.91%	81.82%	65.91%	61.36%	27.27%	60.23%	55.68%	79.55%	75.00%	75.00%	71.59%

*Source: Primary data from the field survey during January 2014 to April 2014 at AUS campus*