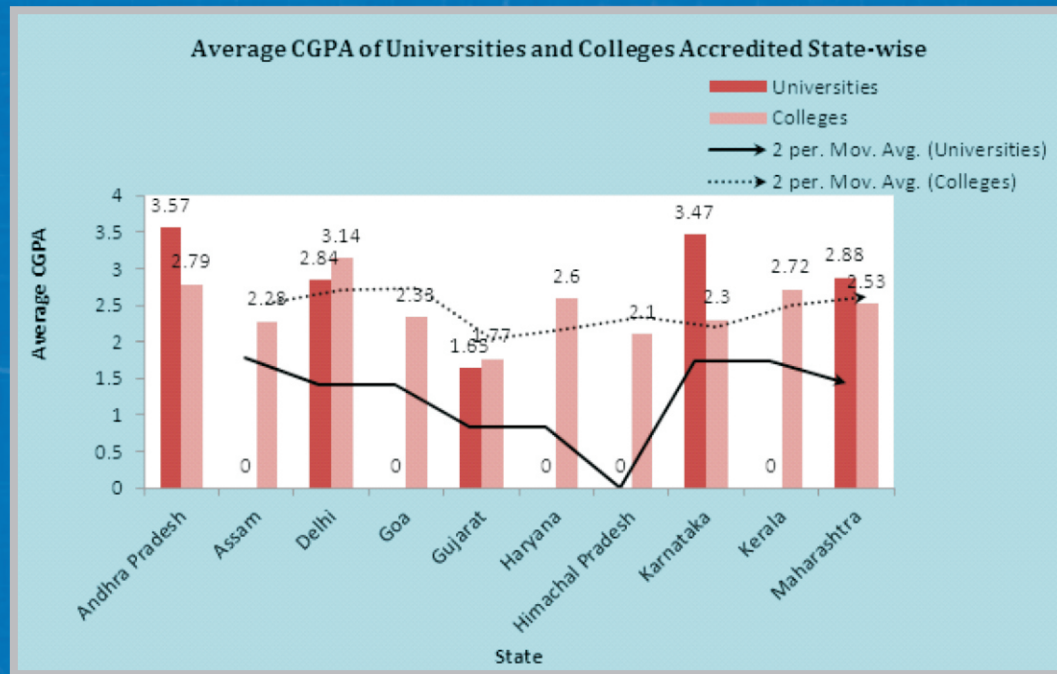




# TREND ANALYSIS OF ACCREDITED INSTITUTIONS

(BASED ON REVISED ACCREDITATION FRAMEWORK)



Research and Analysis Wing

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*



# NAAC

## VISION

*To make quality the defining element of higher education in India through a combination of self and external quality evaluation, promotion and sustenance initiatives.*

## MISSION

- ❖ *To arrange for periodic assessment and accreditation of institutions of higher education or units thereof, or specific academic programmes or projects;*
- ❖ *To stimulate the academic environment for promotion of quality of teaching-learning and research in higher education institutions;*
- ❖ *To encourage self-evaluation, accountability, autonomy and innovations in higher education;*
- ❖ *To undertake quality-related research studies, consultancy and training programmes, and*
- ❖ *To collaborate with other stakeholders of higher education for quality evaluation, promotion and sustenance.*

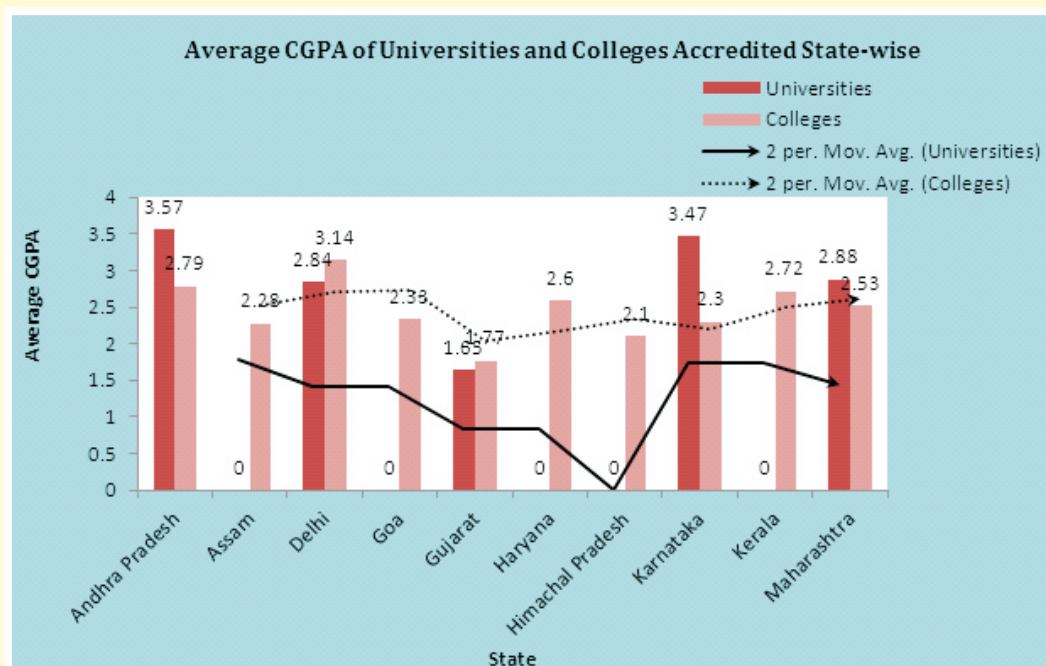
## VALUE FRAMEWORK

*To promote the following core values among the HEIs of the country*

- ❖ *Contributing to National Development*
- ❖ *Fostering Global Competencies among Students*
- ❖ *Inculcating a Value System among Students*
- ❖ *Promoting the Use of Technology*
- ❖ *Quest for Excellence*

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## PREFACE

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The National Assessment and Accreditation Council (NAAC) is an autonomous body established by the University Grants Commission (UGC) of India to assess and accredit institutions of higher education in the country. NAAC's vision is to enhance quality of higher education in India through a holistic process involving external evaluation, promotion and sustenance initiatives. Higher Educational Institutions contribute significantly to national development by promoting the quest for excellence. It is therefore noteworthy that the assessment and accreditation process of NAAC has been successful in meeting new challenges and has contributed greatly to quality consciousness among institutions.

Over the past two decades, NAAC has been carrying out the process of quality assessment and accreditation of Higher Education Institutions. Based on the feedback and the suggestions of experts, this process has seen notable changes, especially with respect to criteria weightages and the grading system. The Revised Accreditation Framework (RAF) was introduced in July 2017. In the earlier Accreditation and Assessment process, institutions had the freedom to apply for accreditation at any point throughout the year. The window system was introduced between 3<sup>rd</sup> July 2018 and 30<sup>th</sup> November 2018 as a better approach to the existing system. During this period, 36 universities and 536 colleges have been accredited. An analysis of these institutions has been done and with respect to the same, a trend report has been prepared.

The preparation of this report was undertaken by the Research and Analysis Wing, NAAC and the team has done a commendable job. I extend my sincere appreciation to Dr. Wahidul Hasan and Dr. Srikanta Swamy for all their efforts.

**(Prof. S.C. Sharma)**

**Director**





## ACKNOWLEDGEMENT

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The Convener and the Academic Consultant of the Research and Analysis Wing is ever grateful to Prof. S.C. Sharma, Director, National Assessment and Accreditation Council, Bengaluru, for his vision about the wing and also for his continuous support in bringing out this 'Trend Analysis of Accredited Institutions (Window System) based on Revised Accreditation Framework'.

We express our gratitude for Dr. Kiran R. Jere, Senior Statistician for his support in providing the necessary information to carry out the Analysis. We also thank all the advisors of NAAC for their support in bringing out this research document.

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*Dr. Wahidul Hasan*

*Dr. S. Srikanta Swamy*







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## **1. Introduction**

The National Assessment and Accreditation Council (NAAC) is an autonomous body established by the University Grants Commission (UGC) of India to assess and accredit institutions of higher education in the country. It was set up as per the recommendations of the National Policy on Education (1986), which emphasized the importance of an independent accreditation body which would uphold the quality of higher education in the country. With respect to the same, NAAC seeks to contribute significantly to national development by promoting the quest for excellence. It also aims to inculcate a healthy value system among students, foster global competencies and promote the use of ICTs in learning and education.

## **2. The Assessment and Accreditation Process**

Over the past two decades, NAAC has been carrying out the process of quality assessment and accreditation of Higher Education Institutions. To its credit, several HEIs have gone through this process and a sizeable number has also undergone subsequent cycles of accreditation as well. True to its commitment for promoting quality culture in HEIs in consonance with the overall developments in the field of education as well as the outside world, NAAC has strived to be sensitive to these and adequately reflect these in its processes. Over the years the feedback procured from the HEIs, other stakeholders and the developments in the national scene - have contributed in making appropriate revisions in the process so as to accelerate the process with greater quality rigor.

In the initial stages of accreditation process (up to March 2007), there were seven criteria, namely:

1. Curricular Aspects
2. Teaching - Learning and Evaluation
3. Research, Consultancy and Extension
4. Infrastructure and Learning Resources
5. Students Support and Progression
6. Organization and Management
7. Healthy Practices

The total weightage of the criteria for Universities, Autonomous colleges and Affiliated Colleges is the same, i.e. 100. However, within this total, there are variations. In April 2007, certain changes were introduced. For example, between the time periods April 2007 to April 2012, the total weightage was increased to 1000. In addition to this, the title for criteria '6' was changed to 'Governance and Leadership' and for criteria '7', it was changed to 'Innovative Practices'.

From April 2012 onwards, certain other changes were incorporated into this structure. The same total weightage for these higher education institutions was maintained i.e. 1000 but the title for the 6<sup>th</sup> criteria was changed to 'Governance, Leadership and Management, and for criteria '7', it was

changed to 'Innovation and Best Practices'. Similarly, the star system of grading the institutions has been changed to a **9 point** scale grading system and later to the **4 point** grading system based on Cumulative Grade Point Average (CGPA).

### **2.1 Revised Criteria for Assessment**

Introduced in 2017, the Revised Accreditation Framework consists of the following criteria:

1. Curricular Aspects
2. Teaching - Learning and Evaluation
3. Research, Innovations and Extension
4. Infrastructure and Learning Resources
5. Students Support and Progression
6. Governance, Leadership and Management
7. Institutional Values and Best Practices

### **2.2 Grading System**

In the Revised Accreditation Framework, the grading system was changed to an **8-point** grading system, as per the table given below:

<b>CGPA</b>	<b>Letter/Grade</b>	<b>Status</b>
3.51 - 4.00	A++	Accredited
3.26 - 3.50	A+	Accredited
3.01 - 3.25	A	Accredited
2.76 - 3.00	B++	Accredited
2.51 - 2.75	B+	Accredited
2.01 - 2.50	B	Accredited
1.51 - 2.00	C	Accredited
≤1.50	D	Not Accredited



### **2.3. Revised Assessment and Accreditation (A & A) Framework**

The Revised Assessment and Accreditation Framework was launched in July 2017. It represents an explicit paradigm shift making it ICT enabled, objective, transparent, scalable and robust. The shift is:

- ❖ From Qualitative peer judgments to data based Quantitative indicator evaluation with increased objectivity and transparency.
- ❖ Towards extensive use of ICT confirming scalability and robustness.
- ❖ In terms of simplification of the process drastic reduction in number of questions, size of the report, visit days, and the like.
- ❖ In terms of boosting benchmarking as quality improvement tool. This has been attempted through NAAC indicators with other international QA frameworks.
- ❖ Introducing Pre-qualifier for peer team visit, as 30% of system generated score.
- ❖ Introducing System Generated Scores (SGS) with combination of online evaluation (about 70%) and peer judgment (about 30%).
- ❖ In introducing the element of third party validation of data.
- ❖ In providing appropriate differences in the metrics, weightages and benchmarks to universities, autonomous colleges and affiliated/constituent colleges.
- ❖ In revising several metrics to bring in enhanced participation of students and alumni in the assessment process.

(Details of criteria, weightage, grading details and the assessment tool details can be obtained from the website <http://www.naac.gov.in/>).

### **3. Need for the Study**

In the earlier Accreditation and Assessment process, institutions had the freedom to apply for accreditation at any point throughout the year. This was introduced with the intention of facilitating the institutions to apply for accreditation according to their convenience. This system had its own drawbacks and led to delays in getting accreditation.

In order to overcome the limitations of the then-existing system, window system was introduced on an experimental basis by NAAC, so that in one window, if an institution applies for the accreditation process, they would be getting their accreditation results before the opening of the subsequent window.

The window system was introduced from 3<sup>rd</sup> July 2018 to 30<sup>th</sup> November 2018. During this period, 36 universities and 536 colleges have been accredited. 6 colleges have not been accredited (received D grade) and hence have not been considered for the purposes of this study. Though this system initially attracted several HEIs to apply, it led to lot of rush later on. Hence, this system has withdrawn (from December 2018) and the old system was re-introduced.

Though so many universities and colleges have been accredited through the window system, it is very much necessary and interesting to analyze the accredited institutions in terms of cumulative grade point average and grade so as to get an explicit view of the trend analysis. Hence, the present study 'Trend Analysis of Accredited Institutions (Window System) Based on Revised Accreditation Framework' has been taken.

### **3.1. Objectives of the Study**

1. To analyze the institutions accredited by NAAC through window systems.
2. To compare the cycle-wise division of cumulative grade point average among universities in terms of states, types and gender.
3. To compare the cycle-wise division of cumulative grade point average among colleges in terms of states, types and gender.
4. To compare the cycle-wise division of cumulative grade point average between universities and colleges in terms of states, types and gender.
5. To analyze the trend among the universities and colleges in terms of state-wise distribution, type and cycle.

### **3.2. Variables of the study**

In this study, the following are the variables considered for analysis:

- I. States
- II. Type of Institution
- III. Gender
- IV. Cycle

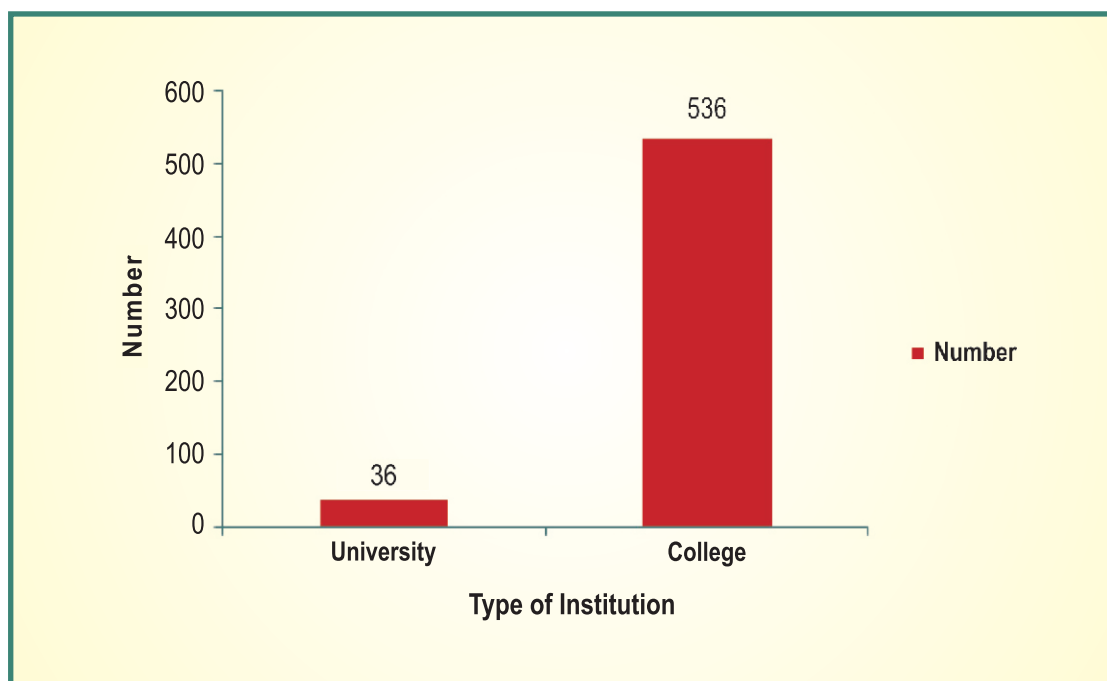
## **4. Analysis of Institutions Accredited (Window System) based on the Revised Accreditation Framework**

It is seen that a total of 36 universities and 536 colleges have been accredited through the window system after the revised accreditation framework was introduced.

*Table A- Total number of Accredited Universities and Colleges*

Institutions	Number
University	036
College	536
<b>Total</b>	<b>572</b>

Graph A- Total number of Accredited Universities and Colleges



The following table shows the grade-wise distribution of universities and colleges that have been accredited:

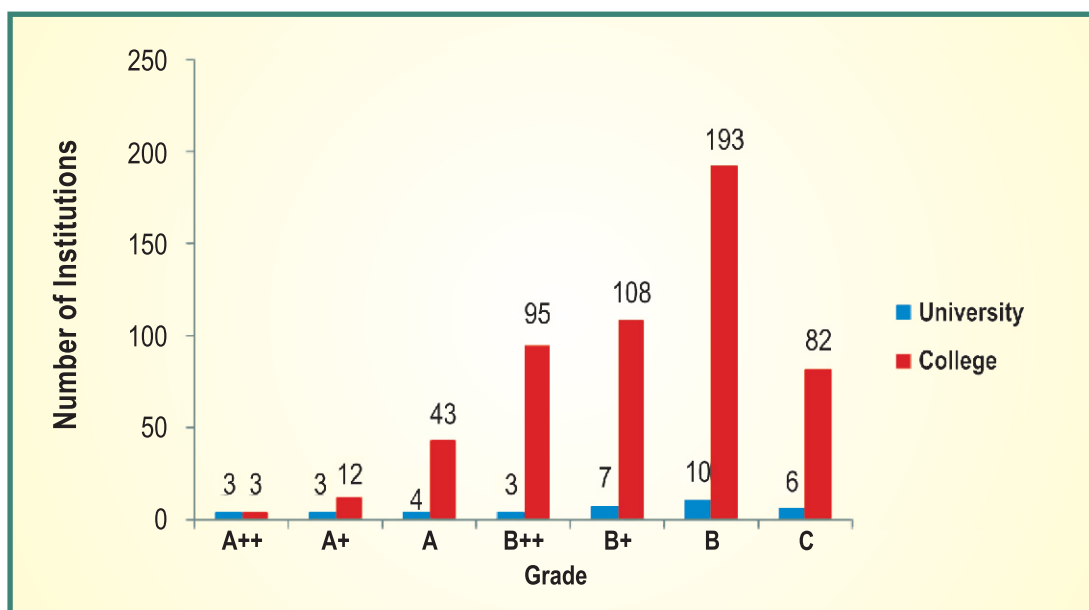
Table B - Grade-wise distribution of Universities and Colleges

Grade	University	College
A++	03	03
A+	03	12
A	04	43
B++	03	95
B+	07	108
B	10	193
C	06	82

## Trend Analysis of Accredited Institutions

From the above table, it is evident that 03 universities and 03 colleges have obtained A++ grade. 03 universities and 12 colleges have obtained A+ grade. 04 universities and 43 colleges have obtained A grade. 03 universities and 95 colleges have obtained B++ grade while 07 universities and 108 colleges have obtained B+ grade. 10 universities and 193 colleges have obtained B grade. Finally, 06 universities and 82 colleges have obtained C grade.

**Graph B - Grade-wise distribution of Universities and Colleges**

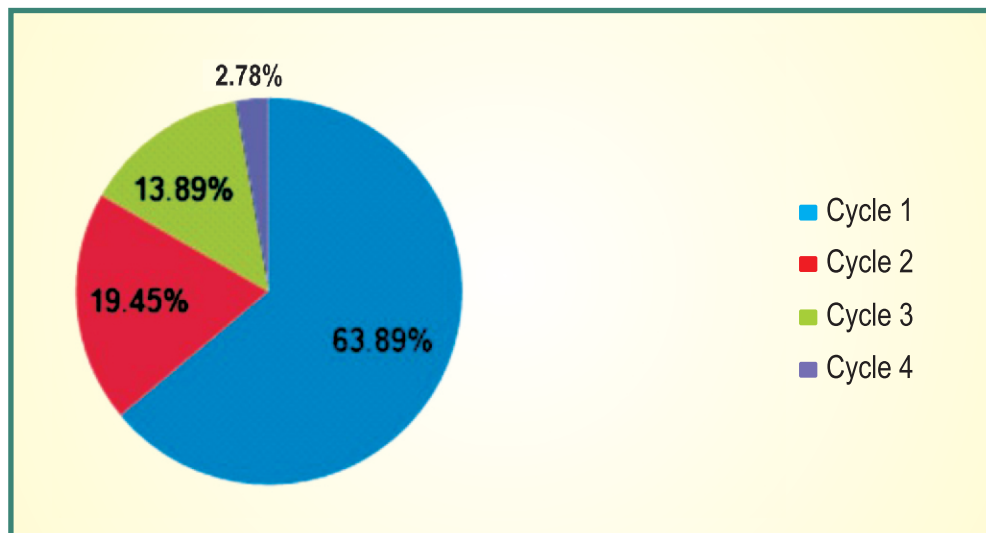


**Table C - Number and Percentage of Universities Accredited Cycle-wise**

Cycles	Number of Universities	Percentage
Cycle 1	23	63.89
Cycle 2	07	19.45
Cycle 3	05	13.89
Cycle 4	01	2.78

From the above table, it is evident that 23 universities (63.89%) have been accredited in cycle 1, whereas in cycle 4, only one university (2.78%) has been accredited.

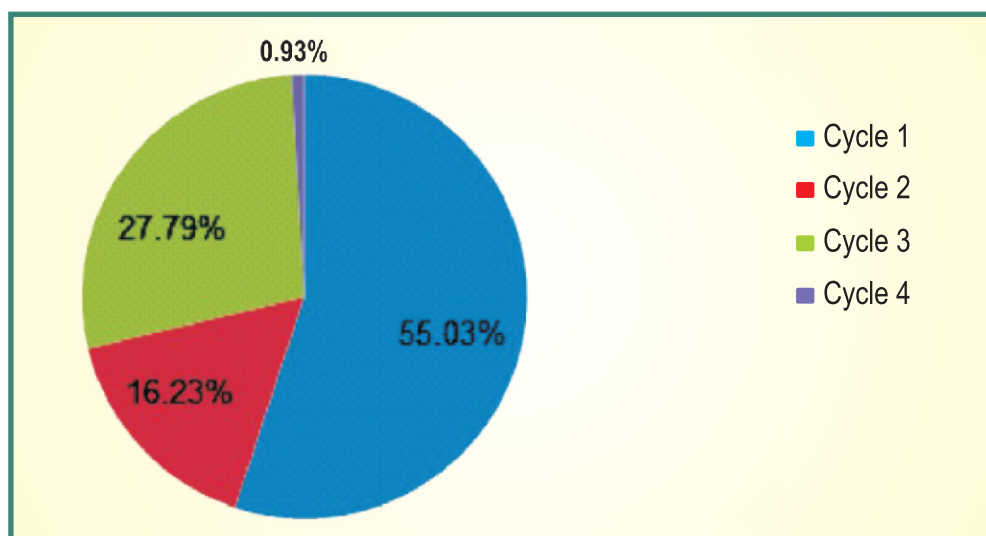
**Graph C - Percentage of Universities Accredited Cycle-wise**



**Table D - Number and Percentage of Colleges Accredited Cycle-wise**

Cycles	Number of Colleges	Percentage
Cycle 1	295	55.03
Cycle 2	87	16.23
Cycle 3	149	27.79
Cycle 4	05	0.93

**Graph D - Percentage of Colleges Accredited Cycle-wise**

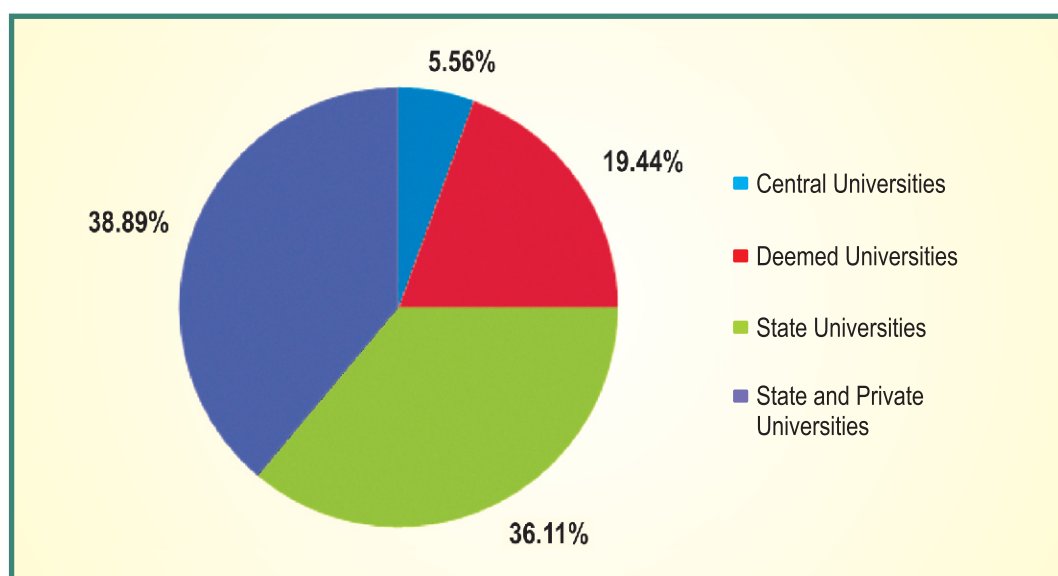


**Table E - Number and Percentage of Types of Accredited Universities**

Type	Number of Universities	Percentage
Central Universities	02	5.56
Deemed Universities	07	19.44
State Universities	13	36.11
State and Private Universities	14	38.89

From the above table, it is evident that 14 state and private universities (38.89%) have been accredited, whereas only 2 central universities (5.56%) have been accredited.

**Graph E - Percentage of Types of Accredited Universities**



**Table F- Number and Percentage of Types of Accredited Colleges**

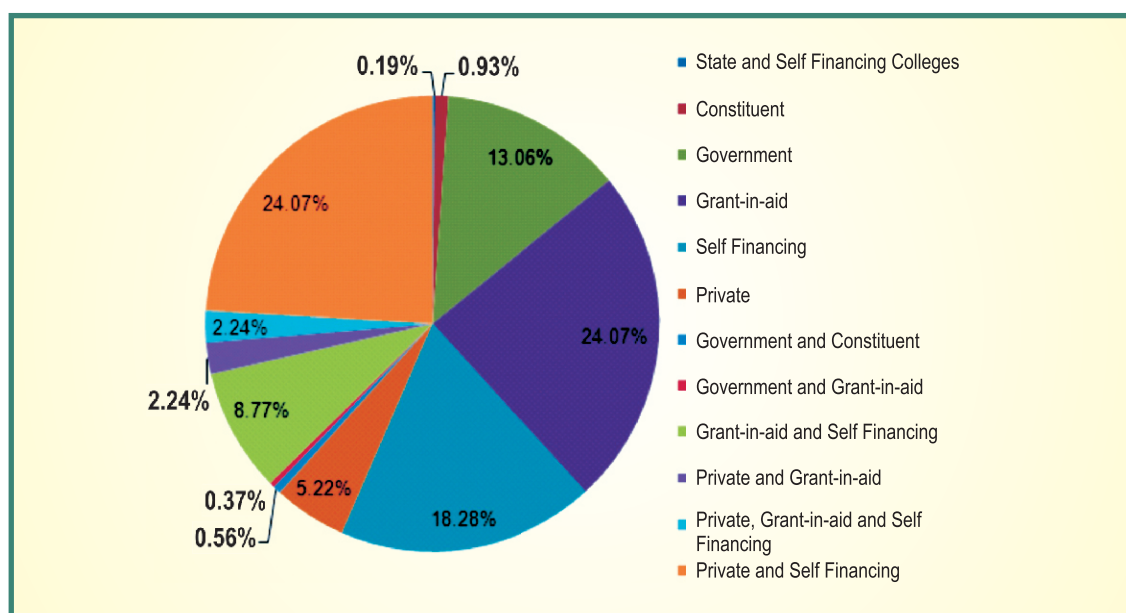
Sl.No.	Type	Number of Colleges	Percentage
1	State and Self - financing Colleges	01	0.19
2	Constituent	05	0.93
3	Government	70	13.06
4	Grant-in-aid	129	24.07

**Table F - Number and Percentage of Types of Accredited Colleges**

Sl.No.	Type	Number of Colleges	Percentage
5	Self-financing	98	18.28
6.	Private	28	5.22
7	Government and Constituent	03	0.56
8	Government and Grant-in-aid	02	0.37
9	Grant-in-aid and Self-financing	47	8.77
10	Private and Grant-in-aid	12	2.24
11	Private, Grant-in-aid and Self-financing	12	2.24
12	Private and Self-financing	129	24.07

From the above table, it is evident that 129 grant-in-aid as well as private and Self-financing colleges have been accredited, whereas 02 government and grant-in-aid colleges (0.37%) have been accredited. Only 01 state and self-financing college has been accredited.

**Graph F - Percentage of Types of Accredited Colleges**



## CYCLE 1

### 4.1. Average CGPA of Universities and Colleges Accredited

This section seeks to compare the state-wise average CGPAs of colleges and universities accredited in cycle 1, after the Revised Accreditation framework was introduced. A total of 295 colleges and 23 universities have obtained accreditation in this particular cycle. The following table shows the average CGPAs that different states have obtained:

*Table 1 - Average CGPA's of Universities and Colleges Accredited State-wise*

Cycle 1			
Sl. No.	State	Average CGPA	
		Universities	Colleges
1	Andaman and Nicobar Islands	-	2.61
2	Andhra Pradesh	2.34	2.57
3	Assam	2.56	2.12
4	Bihar	-	2.05
5	Chhattisgarh	2.76	2.28
6	Delhi	3.28	2.83
7	Goa	-	2.73
8	Gujarat	2.74	1.66
9	Haryana	-	2.05
10	Himachal Pradesh	2.14	1.87
11	Jammu and Kashmir	-	1.75
12	Jharkhand	1.78	1.85

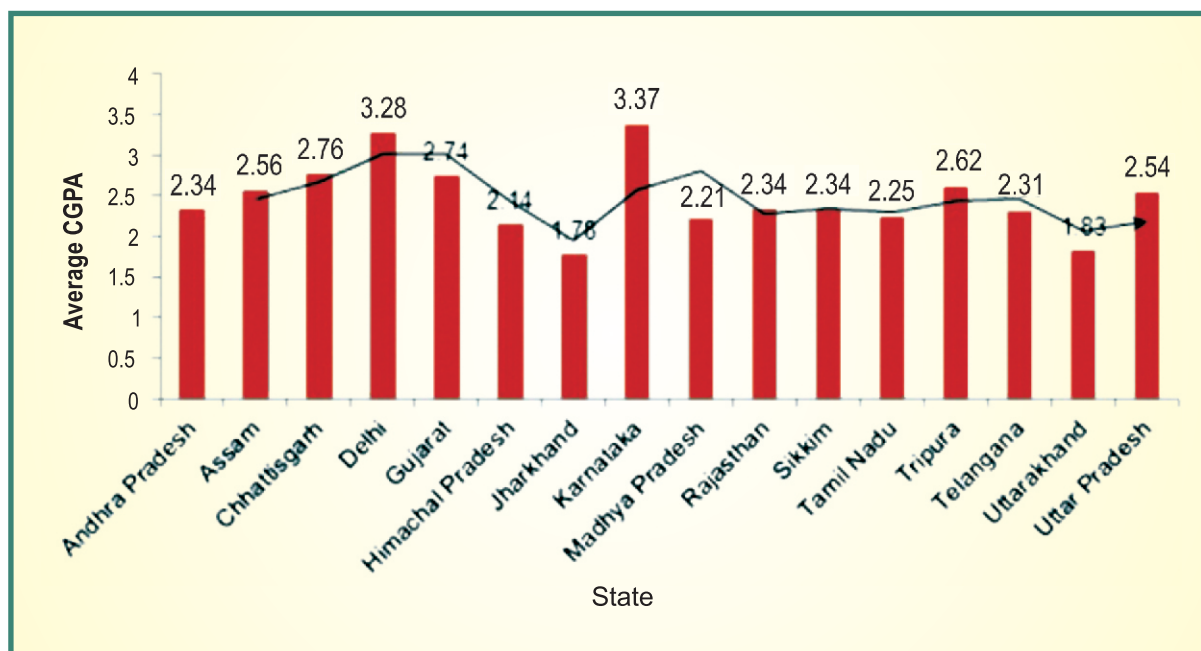


Table 1 - Average CGPA's of Universities and Colleges Accredited State-wise

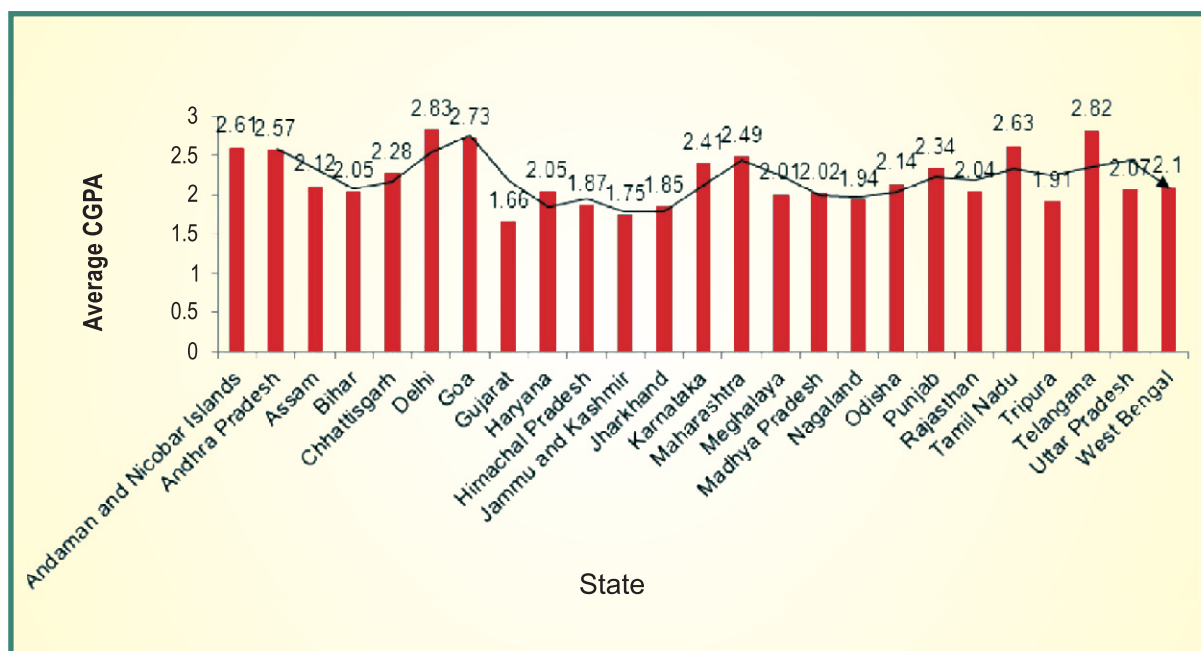
Cycle 1			
Sl. No.	State	Average CGPA	
		Universities	Colleges
13	Karnataka	3.37	2.41
14	Maharashtra	-	2.49
15	Meghalaya	-	2.01
16	Madhya Pradesh	2.21	2.02
17	Nagaland	-	1.94
18	Odisha	-	2.14
19	Punjab	-	2.34
20	Rajasthan	2.34	2.04
21	Sikkim	2.34	-
22	Tamil Nadu	2.25	2.63
23	Tripura	2.62	1.91
24	Telangana	2.31	2.82
25	Uttarakhand	1.83	-
26	Uttar Pradesh	2.54	2.07
27	West Bengal	-	2.10
<b>Total number of States (N)</b>		<b>16</b>	<b>25</b>
<b>Total Average CGPA (T)</b>		<b>39.41</b>	<b>55.29</b>
<b>Mean CGPA (T/N = <math>\bar{x}</math>)</b>		<b>2.46</b>	<b>2.21</b>

From table 01, a total of 295 colleges, from 25 states and 23 universities from 16 states have obtained accreditation. It can be inferred that universities in Karnataka have obtained the highest average CGPA (3.37) as compared to universities in Jharkhand (1.78). Colleges in Delhi have obtained the highest average CGPA (2.83) as compared to colleges in Gujarat (1.66). It is seen that universities have registered the higher mean average CGPA (2.46) when compared to the mean average CGPA of colleges (2.21)

Graph 1.1 - Average CGPA of Universities Accredited State-wise in Cycle 1

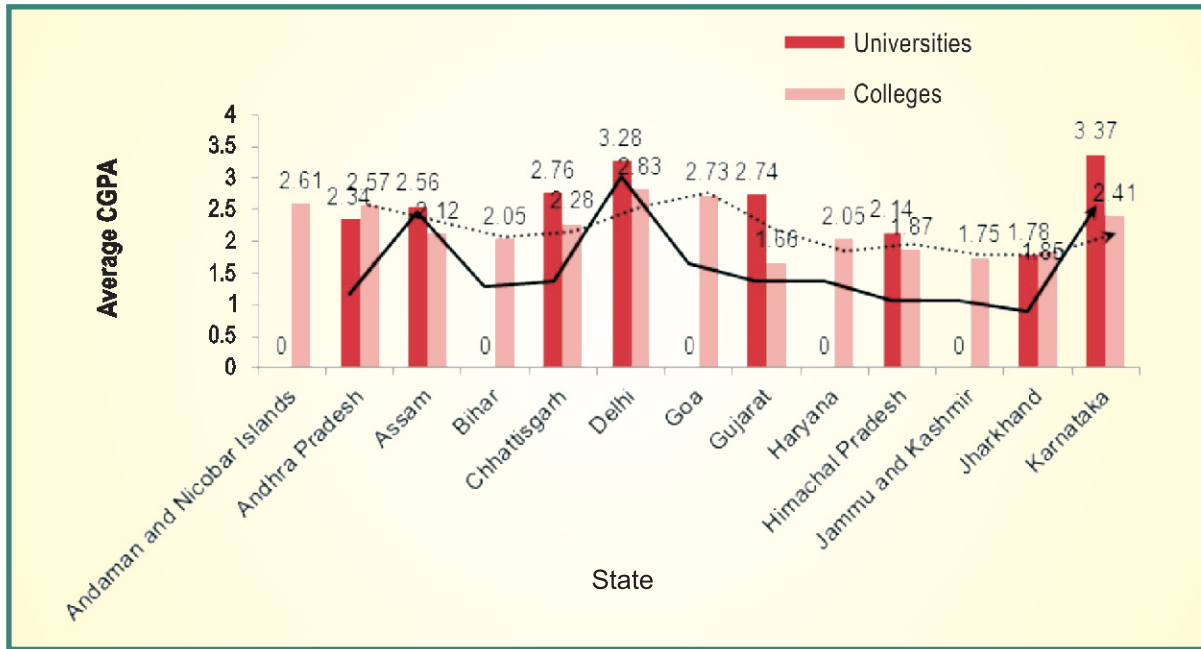


Graph 1.2 - Average CGPA of Colleges Accredited State-wise in Cycle 1

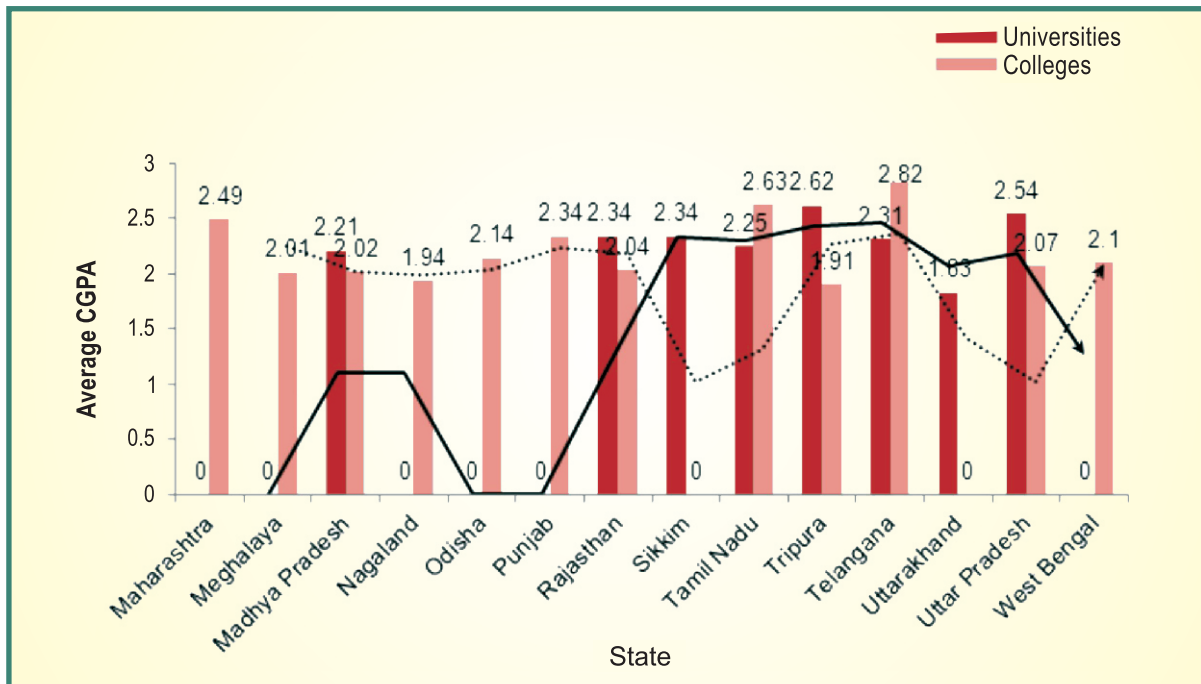


The average CGPAs of universities and colleges has been split into two parts, as indicated in Graph 1.3 Part - A and Graph 1.3 Part - B.

**Graph 1.3 Part - A Average CGPAs of Universities and Colleges Accredited State-wise in Cycle 1**



**Graph 1.3 Part - B Average CGPAs of Universities and Colleges Accredited State-wise in Cycle 1**



**CYCLE 2**

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**4.2 Average CGPA of Universities and Colleges Accredited**

This section seeks to compare the state-wise average CGPAs of colleges and universities accredited in cycle 02, after the Revised Accreditation Framework was introduced. A total of 87 colleges and 07 universities have obtained accreditation in this particular cycle. The following table shows the average CGPAs that different states have obtained:

**Table 2 - Average CGPA's of Universities and Colleges Accredited State-wise**

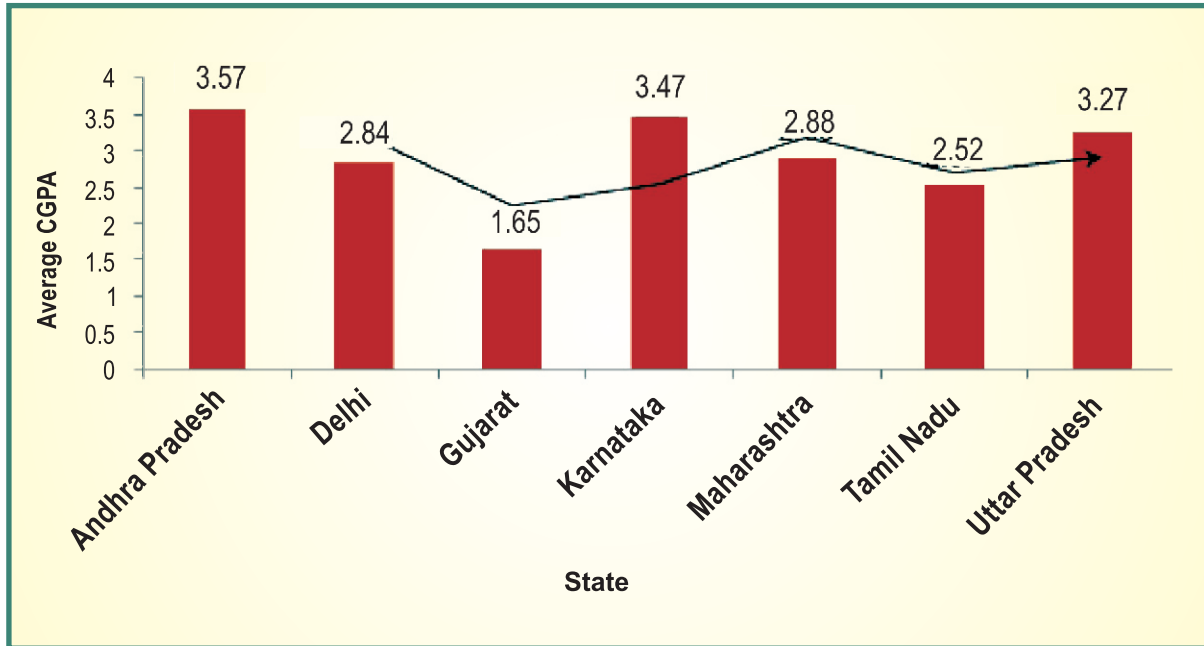
Cycle 2			
Sl. No.	State	Average CGPA	
		Universities	Colleges
1	Andhra Pradesh	3.57	2.79
2	Assam	-	2.28
3	Delhi	2.84	3.14
4	Goa	-	2.33
5	Gujarat	1.65	1.77
6	Haryana	-	2.60
7	Himachal Pradesh	-	2.10
8	Karnataka	3.47	2.30
9	Kerala	-	2.72
10	Maharashtra	2.88	2.53

Table 2 - Average CGPA's of Universities and Colleges Accredited State-wise

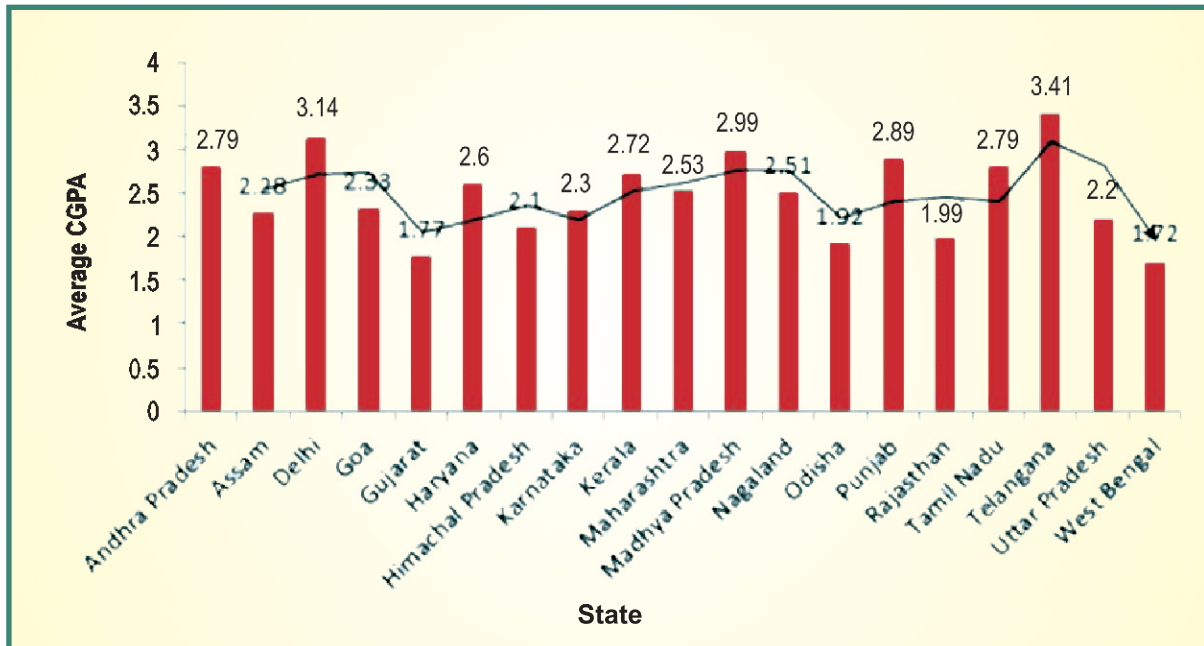
Cycle 2			
Sl. No.	State	Average CGPA	
		Universities	Colleges
11	Madhya Pradesh	-	2.99
12	Nagaland	-	2.51
13	Odisha	-	1.92
14	Punjab	-	2.89
15	Rajasthan	-	1.99
16	Tamil Nadu	2.52	2.79
17	Telangana	-	3.41
18	Uttar Pradesh	3.27	2.20
19	West Bengal	-	1.72
Total number of States (N)		07	19
Total Average CGPA (T)		20.2	46.98
Mean CGPA (T/N = $\bar{x}$ )		2.88	2.47

From the above table, a total of 87 colleges, from 19 states and 07 universities, from 07 states have obtained accreditation. It can be inferred that universities in Andhra Pradesh have obtained the highest average CGPA (3.57) as compared to universities in Gujarat (1.65). Colleges in Telangana have obtained the highest average CGPA (3.41) as compared to colleges in West Bengal (1.72). It is seen that universities have registered the higher mean average CGPA (2.88) as compared to colleges (2.47).

Graph 2.1 - Average CGPA of Universities Accredited State-wise in Cycle 2

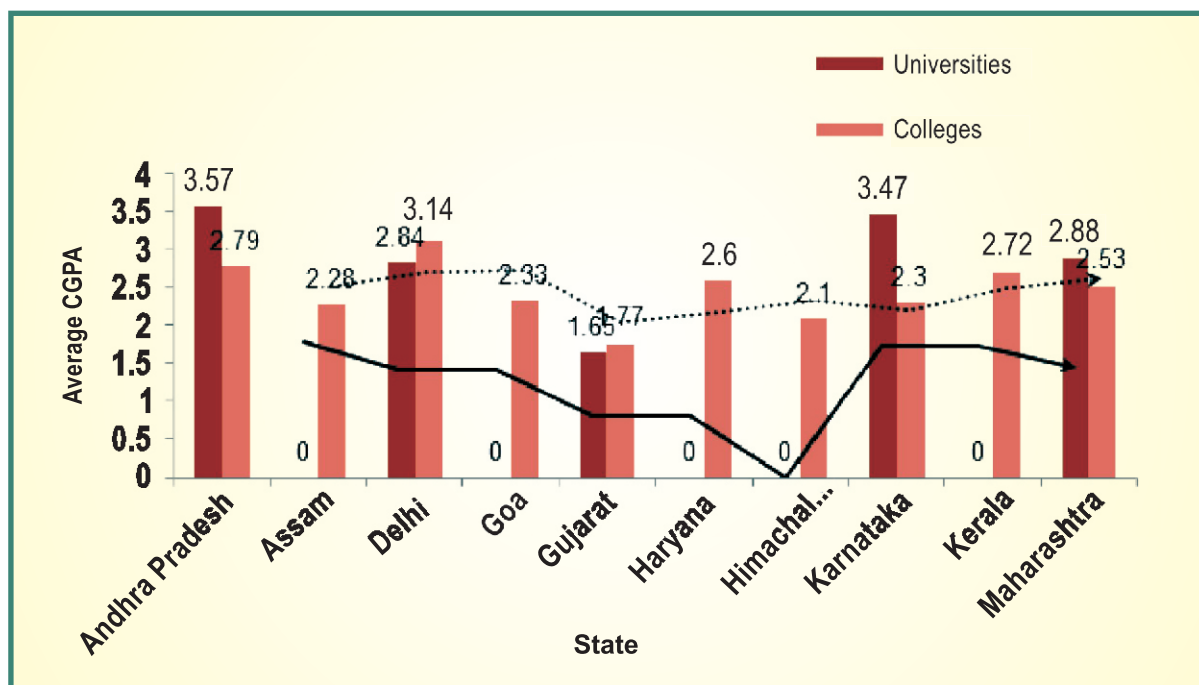


Graph 2.2 - Average CGPA of Colleges Accredited State-wise in Cycle 2

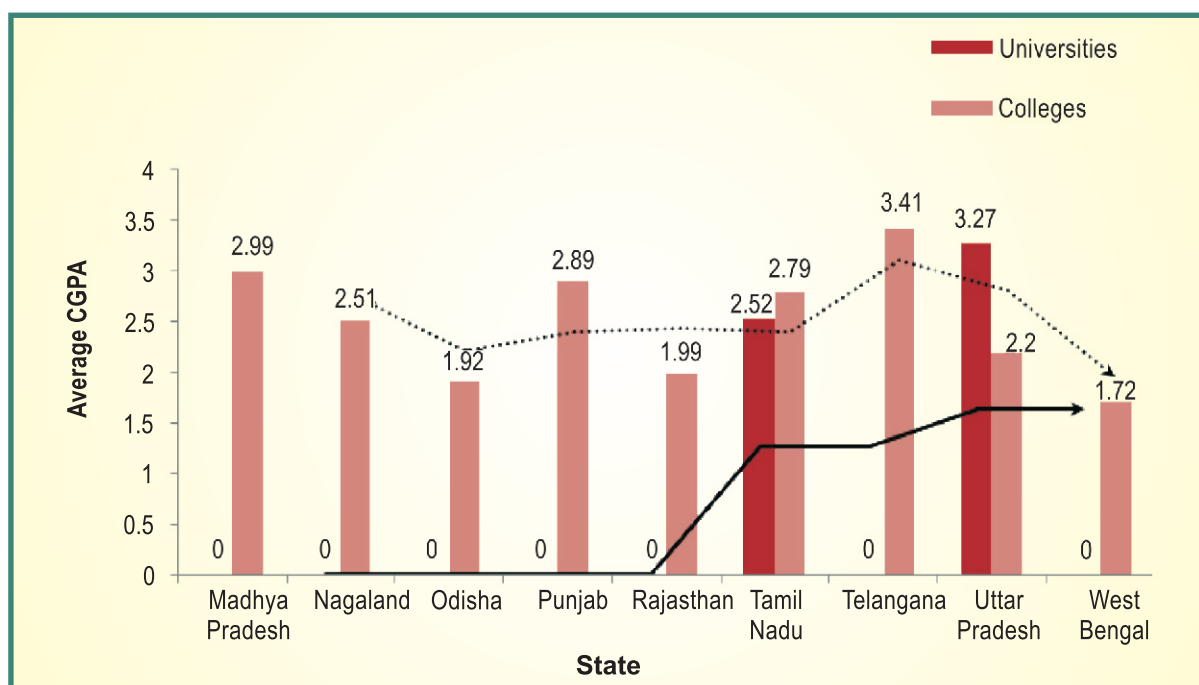


The average CGPAs of universities and colleges has been split into two parts, as indicated in Graph 2.3 Part A and Graph 2.3 Part B.

**Graph 2.3 Part A- Average CGPA of Universities and Colleges Accredited State-wise in Cycle 2**



**Graph 2.3 Part B - Average CGPA of Universities and College Accredited State-wise in Cycle 2**



**CYCLE 3**

**4.3 Average CGPA of Universities and Colleges Accredited**

This section seeks to compare the state-wise average CGPAs of colleges and universities accredited in cycle 3, after the Revised Accreditation Framework was introduced. A total of 149 colleges and 05 universities have obtained accreditation in this particular cycle. The following table shows the average CGPAs that different states have obtained:

**Table 3 - Average CGPAs of Universities and Colleges Accredited State-wise**

Cycle 3			
Sl. No.	State	Average CGPA	
		Universities	Colleges
1	Andhra Pradesh	-	2.52
2	Assam	3.04	2.66
3	Chhattisgarh	-	2.31
4	Goa	-	2.56
5	Gujarat	-	2.29
6	Haryana	-	2.48
7	Jharkhand	-	2.60
8	Karnataka	-	2.30
9	Kerala	-	2.82
10	Maharashtra	2.75	2.53

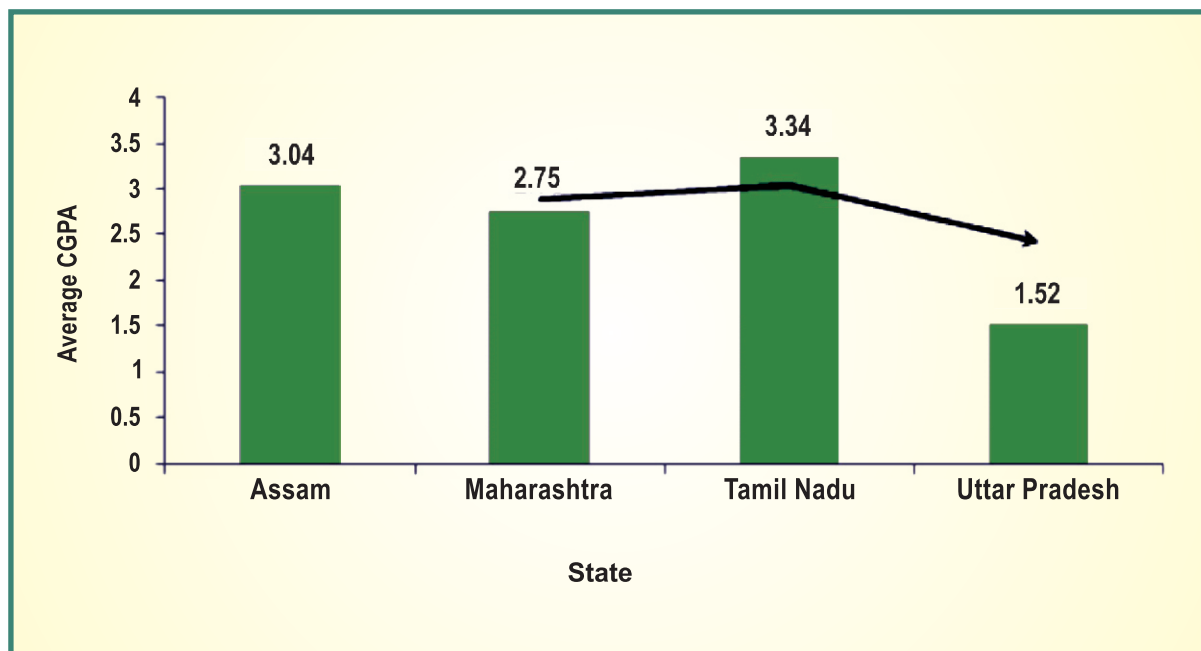


Table 3 - Average CGPAs of Universities and Colleges Accredited State-wise

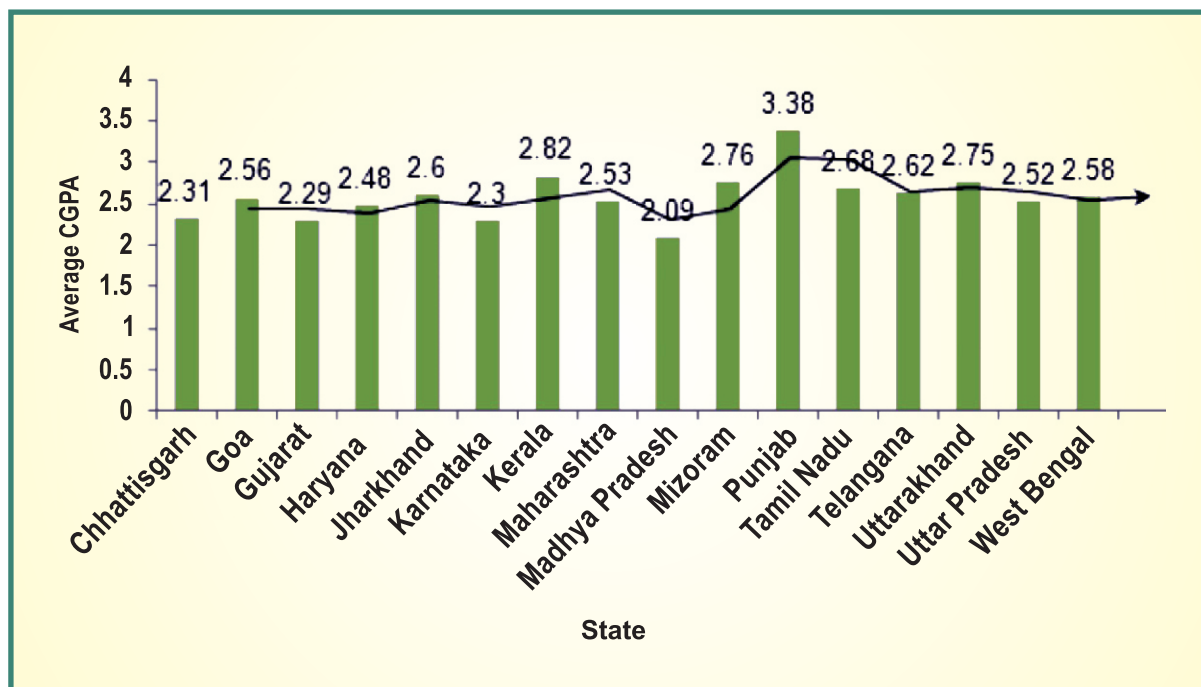
Cycle 3			
Sl. No.	State	Average CGPA	
		Universities	Colleges
11	Madhya Pradesh	-	2.09
12	Mizoram	-	2.76
13	Punjab	-	3.38
14	Tamil Nadu	3.34	2.68
15	Telangana	-	2.62
16	Uttarakhand	-	2.75
17	Uttar Pradesh	1.52	2.52
18	West Bengal	-	2.58
	Total number of States (N)	04	18
	Total Average CGPA (T)	10.65	46.45
	Mean CGPA (T/N = $\bar{x}$ )	2.66	2.58

From the above table, a total of 149 colleges, from 18 states and 05 universities, from 04 states have obtained accreditation. It can be inferred that universities in Tamil Nadu have obtained the highest average CGPA (3.34) as compared to universities in Uttar Pradesh (1.52). Colleges in Punjab have obtained the highest average CGPA (3.38) as compared to colleges in Madhya Pradesh (2.09). It is seen that universities have registered the higher mean average CGPA (2.66) when compared to colleges (2.57).

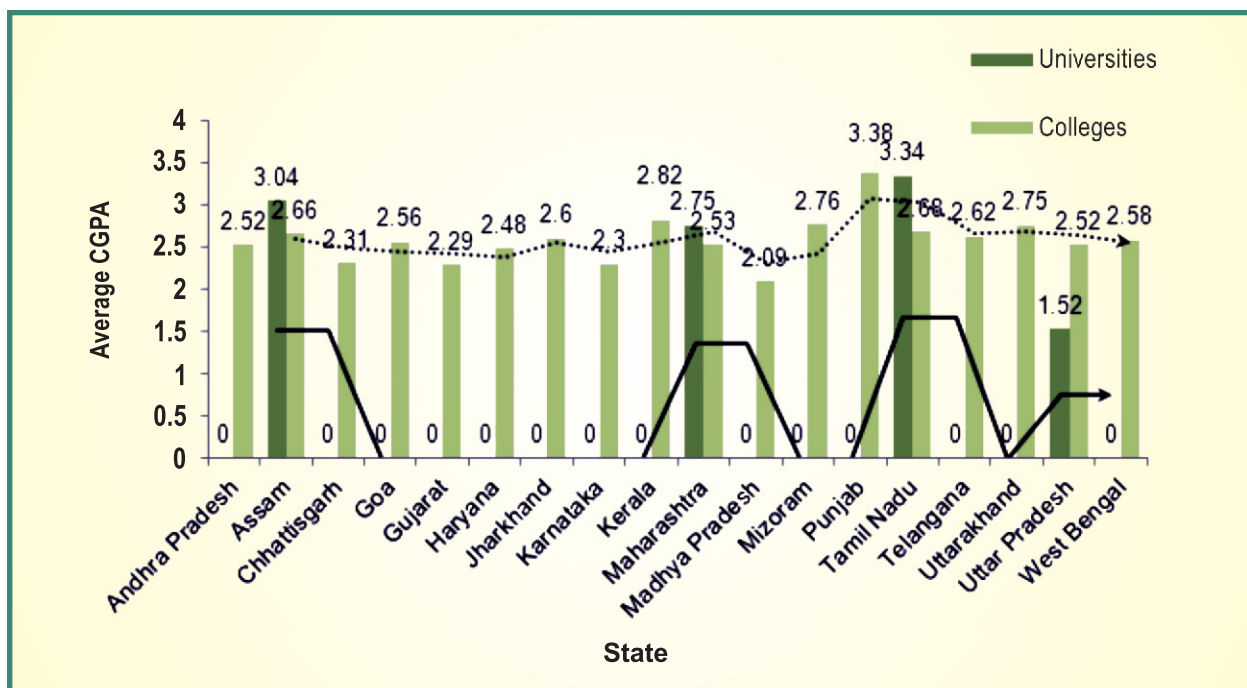
Graph 3.1 - Average CGPA of Universities Accredited State-wise in Cycle 3



Graph 3.2 - Average CGPA of Colleges Accredited State-wise in Cycle 3



Graph 3.3 - Average CGPA of Universities and Colleges Accredited State-wise in Cycle 3



## CYCLE 4

### 4.4. Average CGPA of Universities and Colleges Accredited

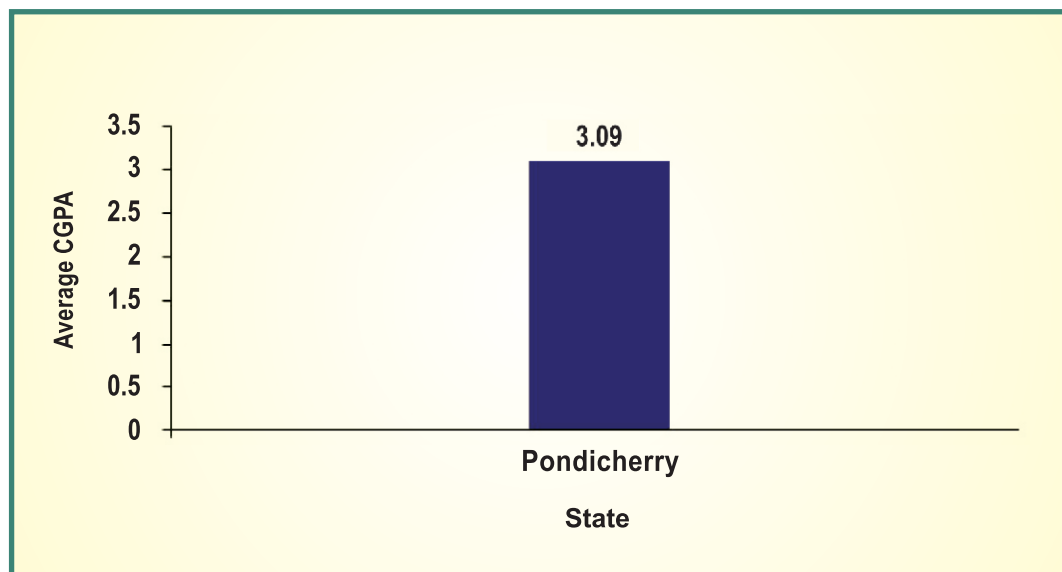
This section seeks to compare the state-wise average CGPAs of colleges and universities accredited in cycle 4, after the Revised Accreditation Framework was introduced. A total of 05 colleges and 01 university have obtained accreditation in this particular cycle. The following table shows the average CGPAs that different states have obtained:

**Table 4 - Average CGPA's of Universities and Colleges Accredited State-wise**

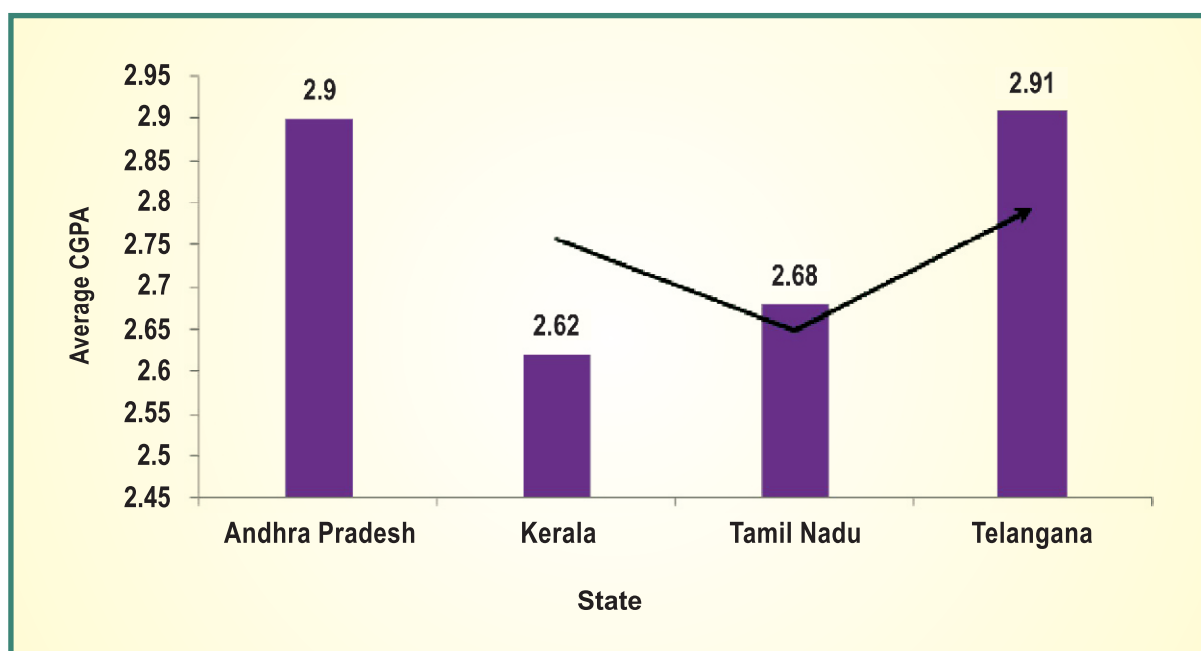
Cycle 4			
Sl. No.	State	Average CGPA	
		Universities	Colleges
1	Andhra Pradesh	-	2.90
2	Kerala	-	2.62
3	Pondicherry	3.09	-
4	Tamil Nadu	-	2.68
5	Telangana	-	2.91
Total number of States (N)		01	04
Total Average CGPA (T)		3.09	11.11
Mean CGPA (T/N = $\bar{x}$ )		3.09	2.77

In the above table, a total of 05 colleges, from 04 states and 01 university, from one state have obtained accreditation in this particular cycle. It can be inferred that only one university has been accredited in cycle 4. Colleges in Telangana have obtained the highest average CGPA (2.91) as compared to colleges in Kerala (2.62). It is seen that universities have registered the higher mean average CGPA (3.09) when compared to the mean average CGPA of colleges (2.77)

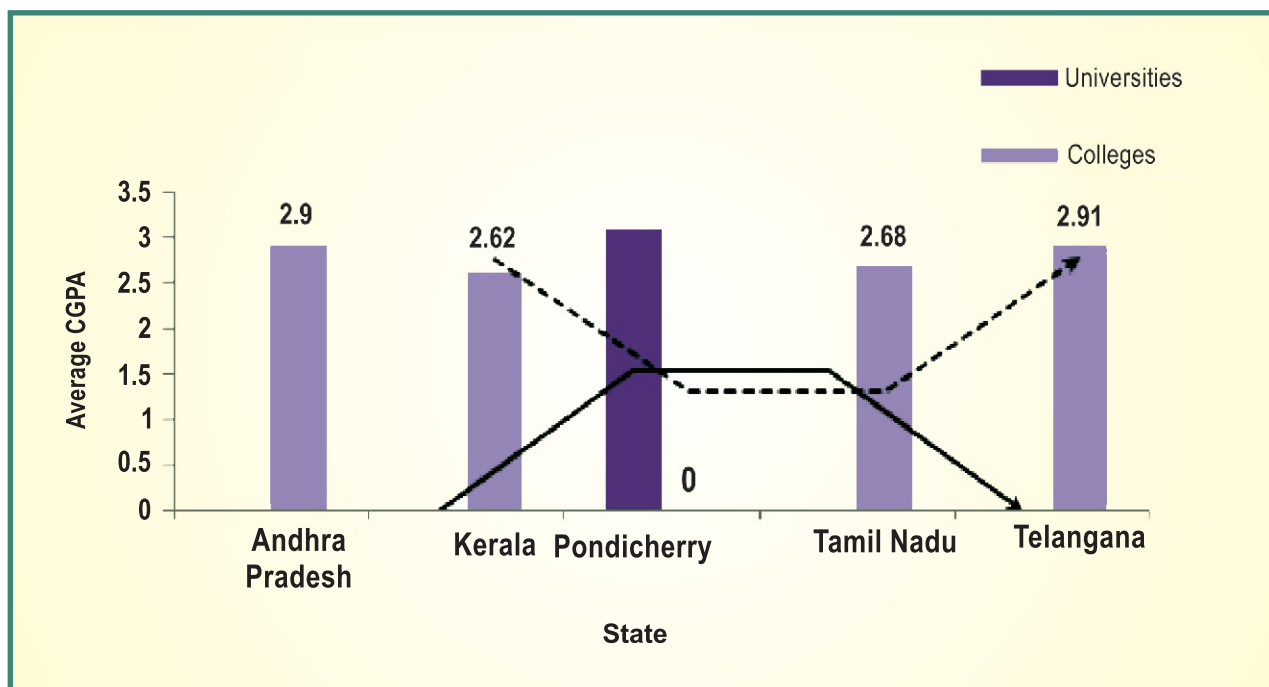
Graph 4.1 - Average CGPA of the University Accredited State-wise in Cycle 4



Graph 4.2 - Average CGPAs of Colleges Accredited State-wise in Cycle 4



*Graph 4.3 - Average CGPAs of Universities and Colleges Accredited State-wise Cycle 4*



## All Cycles

### 4.5. Average CGPA's of Universities and Colleges Accredited across all Cycles

This report seeks to compare the state-wise average CGPAs of colleges and universities across all three cycles, accredited after the introduction of the new RAF Framework and assessed through window system. A total of 536 colleges and 36 universities have obtained accreditation over these four cycles. The following table shows the average CGPAs that different states have obtained:

**Table 5.1 - Average CGPA's of Universities and Colleges accredited State-wise**

		Average CGPA							
		Cycle 1		Cycle 2		Cycle 3		Cycle 4	
Sl. No.	State	Universities	Colleges	Universities	Colleges	Universities	Colleges	Universities	Colleges
1	Andaman and Nicobar Islands	-	2.61	-	-	-	-	-	-
2	Andhra Pradesh	2.34	2.57	3.57	2.79	-	2.52	-	2.90
3	Assam	2.56	2.12	-	2.28	3.04	2.66	-	-
4	Bihar	-	2.05	-	-	-	-	-	-
5	Chhattisgarh	2.76	2.28	-	-	-	2.31	-	-
6	Delhi	3.28	2.83	2.84	3.14	-	-	-	-
7	Goa	-	2.73	-	2.33	-	2.56	-	-
8	Gujarat	2.74	1.66	1.65	1.77	-	2.29	-	-
9	Haryana	-	2.05	-	2.60	-	2.48	-	-
10	Himachal Pradesh	2.14	1.87	-	2.10	-	-	-	-
11	Jammu and Kashmir	-	1.75	-	-	-	-	-	--

*Trend Analysis of Accredited Institutions*

		Average CGPA							
		Cycle 1		Cycle 2		Cycle 3		Cycle 4	
Sl. No.	State	Universities	Colleges	Universities	Colleges	Universities	Colleges	Universities	Colleges
12	Jharkhand	1.78	1.85	-	-	-	2.60	-	-
13	Karnataka	3.37	2.41	3.47	2.30	-	2.30	-	-
14	Kerala	-	-	-	2.72	-	2.82	-	2.62
15	Maharashtra	-	2.49	-	2.88	2.53	2.75	2.53	--
16	Meghalaya	-	2.01	-	-	-	-	-	--
17	Madhya Pradesh	2.21	2.02	-	2.99	-	2.09	-	-
18	Mizoram	-	-	-	-	-	2.76	-	-
19	Nagaland	-	1.94	-	2.51	-	-	-	-
20	Odisha	-	2.14	-	1.92	-	-	-	-
21	Punjab	-	2.34	-	2.89	-	3.38	-	-
22	Rajasthan	2.34	2.04	-	1.99	-	-	-	-
23	Sikkim	2.34	0	-	-	-	-	-	-
24	Tamil Nadu	2.25	2.63	2.52	2.79	3.34	2.68	3.09	2.68
25	Tripura	2.62	1.91	-	-	-	-	-	-
26	Telangana	2.31	2.82	-	3.41	-	2.62	-	2.91
27	Uttarakhand	1.83	0	-	-	-	2.75	-	-
28	Uttar Pradesh	2.54	2.07	3.27	2.20	1.52	2.52	-	-
29	West Bengal	-	2.1	-	1.72	-	2.58	-	-



In cycle 1, universities have registered a highest average CGPA of 3.37 (Karnataka) and a minimum average CGPA of 1.78 (Jharkhand). In cycle 2, universities have registered a highest average CGPA of 3.57 (Andhra Pradesh) and a minimum average CGPA of 1.65 (Gujarat). In cycle 3, universities have registered an average CGPA of 3.34 (Tamil Nadu) and a minimum average CGPA of 1.52 (Uttar Pradesh). Only one university has been accredited in cycle 4 and an average CGPA of 3.09 (Pondicherry) is noted. In cycle 1, colleges have registered a maximum average CGPA of 2.83 (Delhi) and a minimum average CGPA of 1.66 (Gujarat). In cycle 2, colleges have registered a maximum average CGPA of 3.41 (Telangana) and a minimum average CGPA of 1.72 (West Bengal). In cycle 3, colleges have registered a maximum average CGPA of 3.38 (Punjab) and a minimum average CGPA of 2.09 (Madhya Pradesh). In cycle 04, colleges have registered a maximum average CGPA of 2.91 (Telangana) and a minimum average CGPA of 2.62 (Kerala)

**Table 5.2 - Average CGPAs of Universities and colleges accredited Cycle-Wise and State-wise**

		Average CGPA							
		Cycle 1		Cycle 2		Cycle 3		Cycle 4	
Sl. No.	State	Universities	Colleges	Universities	Colleges	Universities	Colleges	Universities	Colleges
1	Tamil Nadu	2.25	2.63	2.52	2.79	3.34	2.68	3.09	2.68

Universities and colleges in Tamil Nadu have been accredited in all four cycles.

**Table 5.3 - Average CGPAs of Universities accredited Cycle-wise and State-wise**

Sl. No.	Universities	Cycles			
		Cycle 1	Cycle 2	Cycle 3	Cycle 4
1	Tamil Nadu	2.25	2.52	3.34	3.09

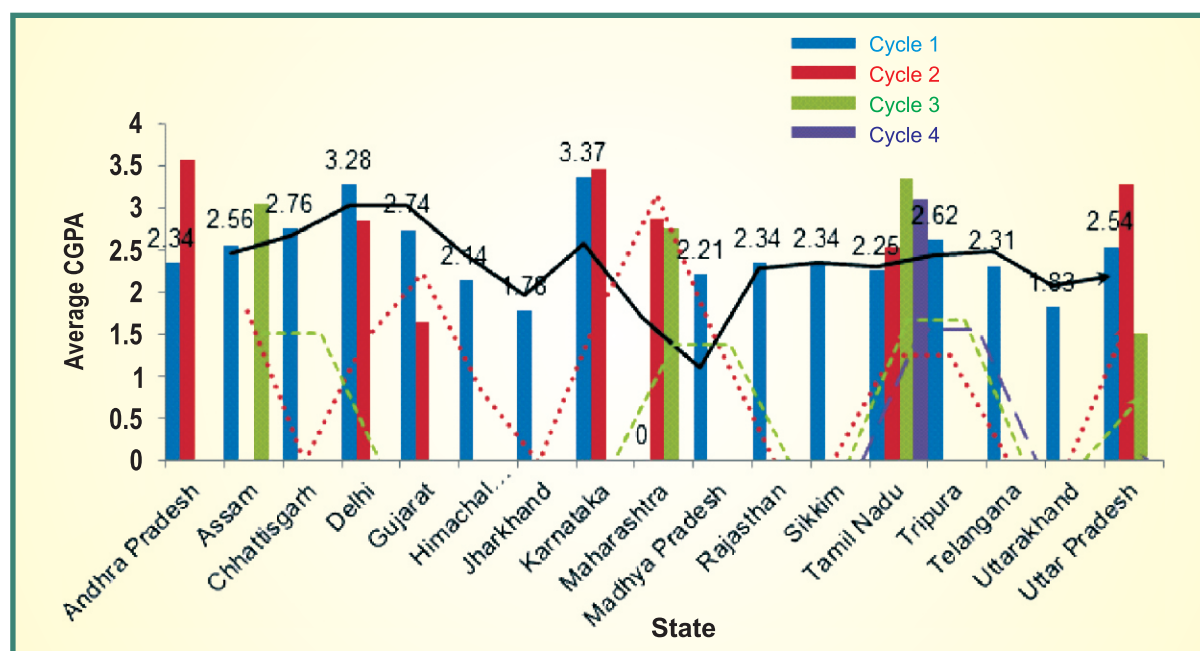
Universities in Tamil Nadu have registered a maximum average CGPA of 3.34 (in cycle 3) and a minimum CGPA of 2.25 in cycle 1. From cycle 1 to cycle 2, average CGPAs of these universities have shown an increase of 12% and from cycle 2 to cycle 3, it has increased by 32.5%. From cycle 3 to cycle 4, average CGPA has decreased by 7.48%.

**Table 5.4 - Average CGPAs of Colleges accredited Cycle-wise and State-wise**

Sl. No.	Colleges	Cycles			
		Cycle 1	Cycle 2	Cycle 3	Cycle 4
1	Andhra Pradesh	2.57	2.79	2.52	2.90
2	Tamil Nadu	2.63	2.79	2.68	2.68
3	Telangana	2.82	3.41	2.62	2.91

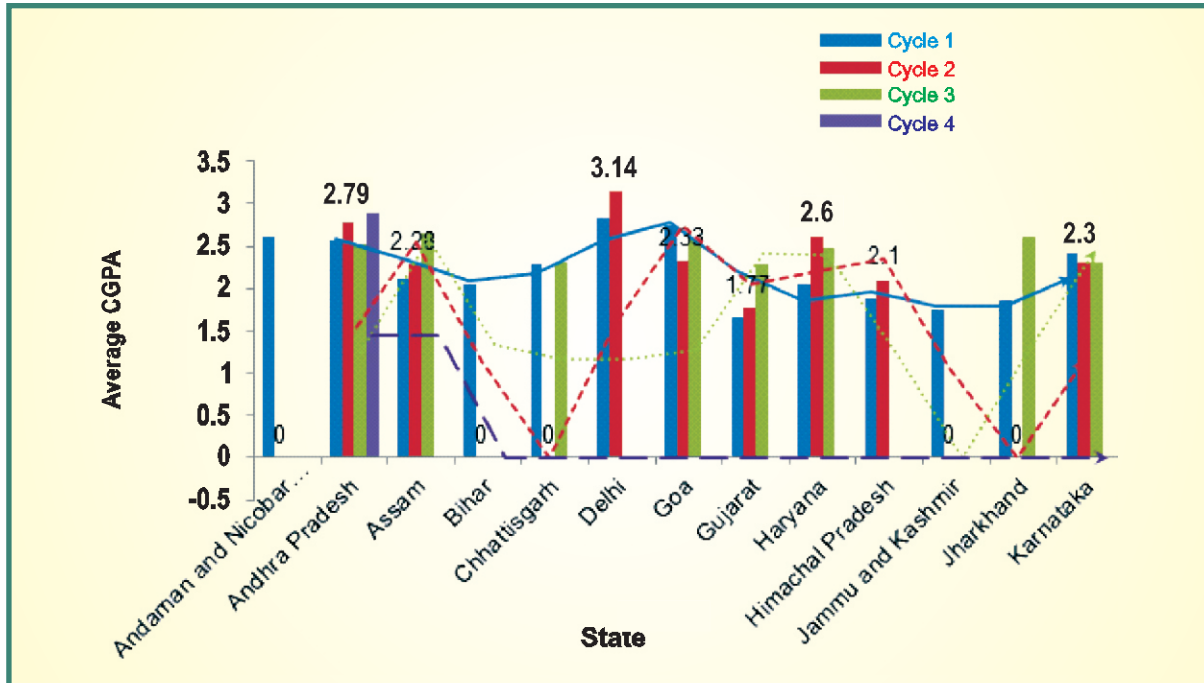
Colleges in 03 states, namely Andhra Pradesh, Tamil Nadu and Telangana have been accredited in all 04 cycles. Colleges in Andhra Pradesh have registered a maximum average CGPA of 2.90 (cycle 4) and a minimum average CGPA of 2.52 (cycle 3). From cycle 1 to cycle 2, average CGPA has increased by 8.56%, while from cycle 2 to cycle 3, average CGPA has decreased by 9.67%. From cycle 3 to cycle 4, average CGPA has increased by 15.07%. Colleges in Tamil Nadu have registered a maximum average CGPA of 2.79 (in cycle 2) and a minimum CGPA of 2.63 in cycle 1. From cycle 1 to cycle 2, average CGPA has increased by 6.08% while from cycle 2 to cycle 3, average CGPA has decreased by 3.94%. From cycle 3 to cycle 4, no change is observed. Colleges in Telangana have registered a maximum average CGPA of 3.41 (cycle 2) and a minimum average CGPA of 2.62 (cycle 3). From cycle 1 to cycle 2, average CGPA has increased by 20.92% and from cycle 2 to cycle 3, average CGPA has decreased by 23.17%. From cycle 3 to cycle 4, average CGPA has increased by 11.07%

**Graph 5.1 - Average CGPA of Universities Accredited Across All Cycles (State-wise)**

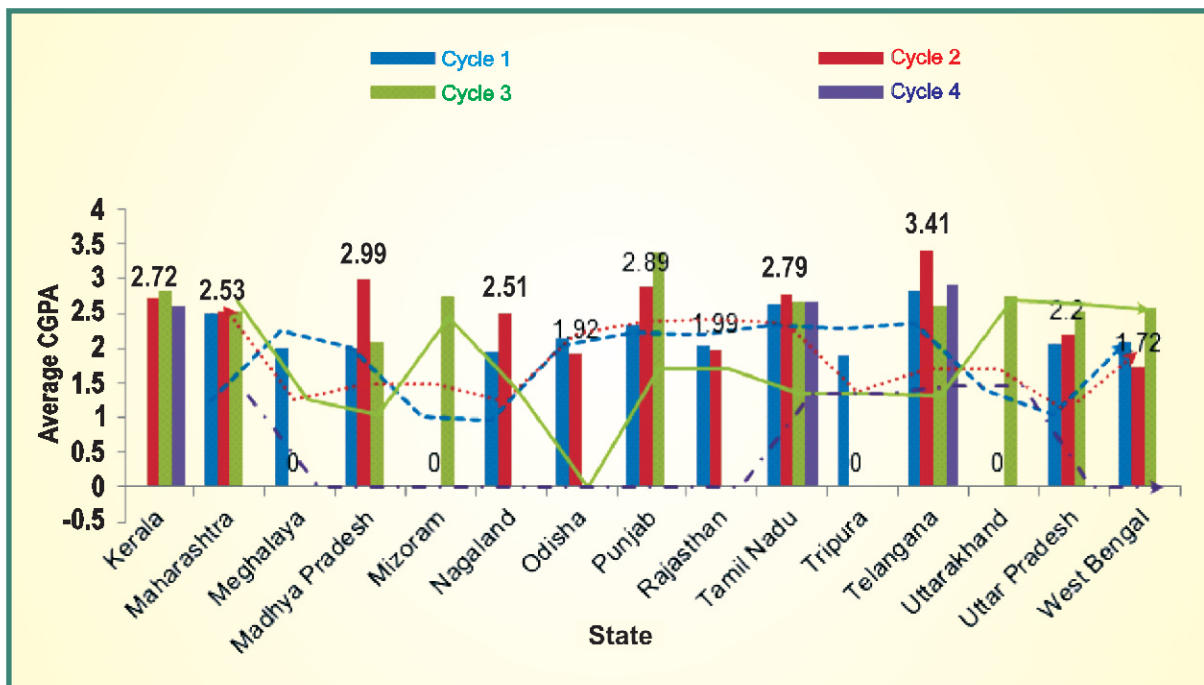


Average CGPAs of colleges accredited across all cycles have been indicated graphically in two parts - Graph 5.2 Part - A and Graph 5.2 Part - B.

Graph 5.2 Part - A Average CGPA of Colleges Accredited Across All Cycles (State-wise)



Graph 5.2 Part - B Average CGPA of Colleges Accredited Across All Cycles (State-wise)



## 5. Average CGPA's of Types of Universities Accredited across Cycles

### 5.1 Central Universities

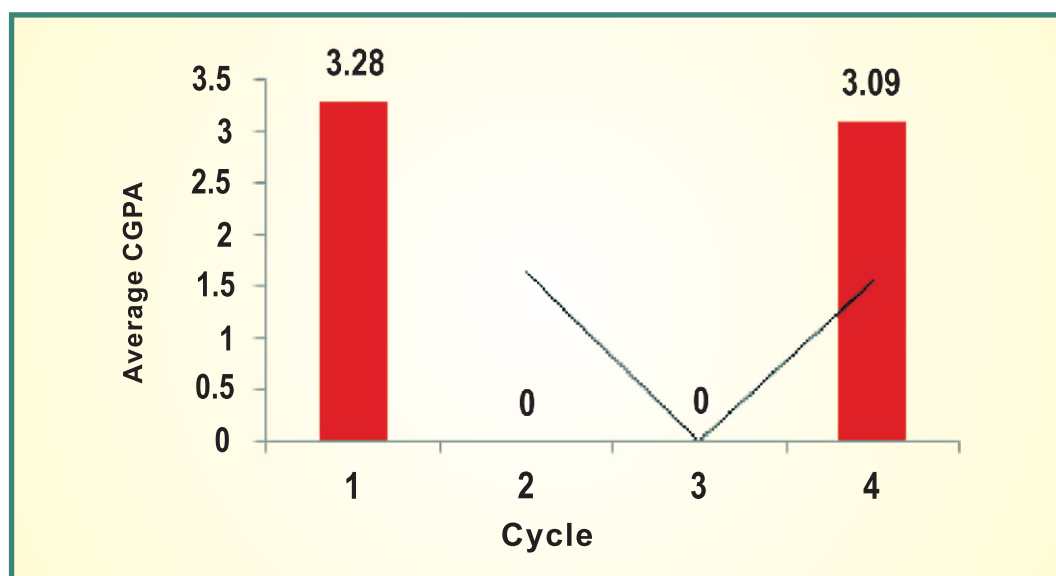
This section seeks to compare the average CGPAs of central universities accredited across all cycles, after the Revised Accreditation Framework was introduced. A total of 02 central universities have obtained accreditation across all cycles, with one being accredited in cycle 1 and the other being accredited in cycle 4. The following table shows the average CGPAs that different colleges have obtained:

**Table 6 - Average CGPA's of Central Universities Accredited Cycle-wise**

Sl. No.	Cycle	Total Number Accredited	Constitution		Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
			Co-educational	Women's College		
1	1	01	01	0	3.28	3.19
2	4	01	01	0	3.09	

In the above table, an average CGPA of 3.28 is noted for central universities for cycle 1. Only one university has been accredited in this cycle and it is seen to be a co-educational university. In Cycle 4, an average CGPA of 3.09 is noted. Only one university has been accredited in cycle 4 and it is also a co-educational university. The total average CGPA obtained for central universities across cycles 1 and 2 is seen to be 3.19. No central universities were accredited in cycle 2 and cycle 3.

**Graph 6 - Average CGPA of Central Universities Accredited Cycle-wise**



## 5.2 Deemed Universities

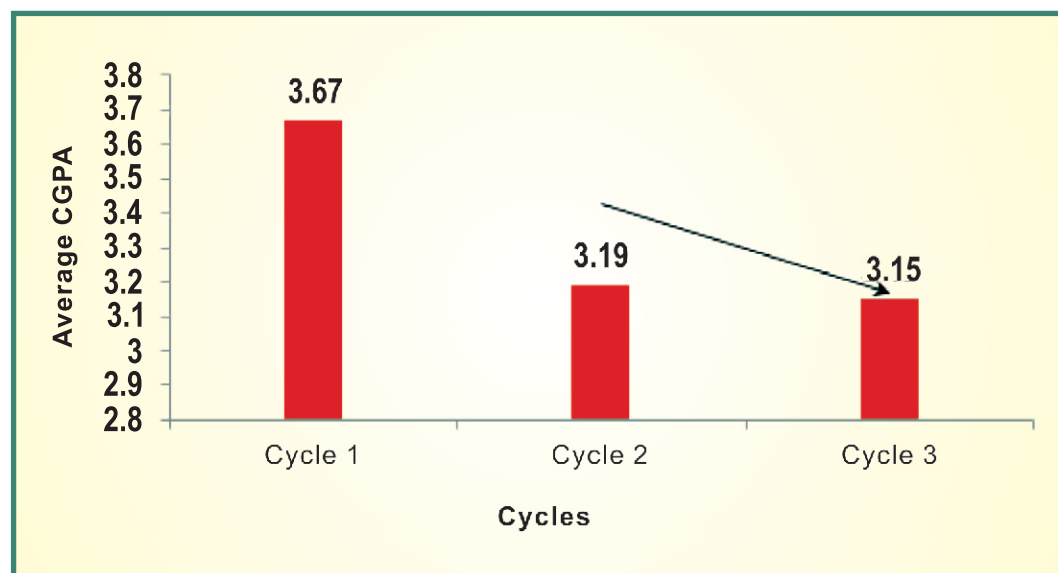
This section seeks to compare the average CGPAs of deemed universities accredited across all cycles, after the Revised Accreditation Framework was introduced. A total of 07 universities have obtained accreditation, with 01 university in cycle 1, 04 universities in cycle 02 and 02 universities in cycle 3. The following table shows the average CGPAs that different colleges have obtained.

**Table 7 - Average CGPA's of Deemed Universities Accredited Cycle-wise**

Sl. No.	Cycle	Total number Accredited	Constitution		Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
			Co-educational	Women's College		
1	1	01	01	0	3.67	3.34
2	2	04	04	0	3.19	
3	3	02	02	0	3.15	

In cycle 1, an average CGPA of 3.67 is noted. A total of 01 university has been accredited and it is a 01 co-educational university. In cycle 2, an average CGPA of 3.19 is noted. A total of 04 universities have been accredited and they are all co-educational universities. From cycle 1 to cycle 2, average CGPA has decreased by 13.08%. In cycle 3, an average CGPA of 3.15 is noted. A total of 02 universities have been accredited and they are both co-educational universities. From cycle 2 to cycle 3, average CGPA has decreased by 1.25%. The total average CGPA obtained for central universities across cycles 1, 2 and 3 is seen to be 3.34. No deemed universities were accredited in cycle 4.

**Graph 7 - Average CGPA's of Deemed Universities Accredited Cycle-wise**



### **5.3 State Universities**

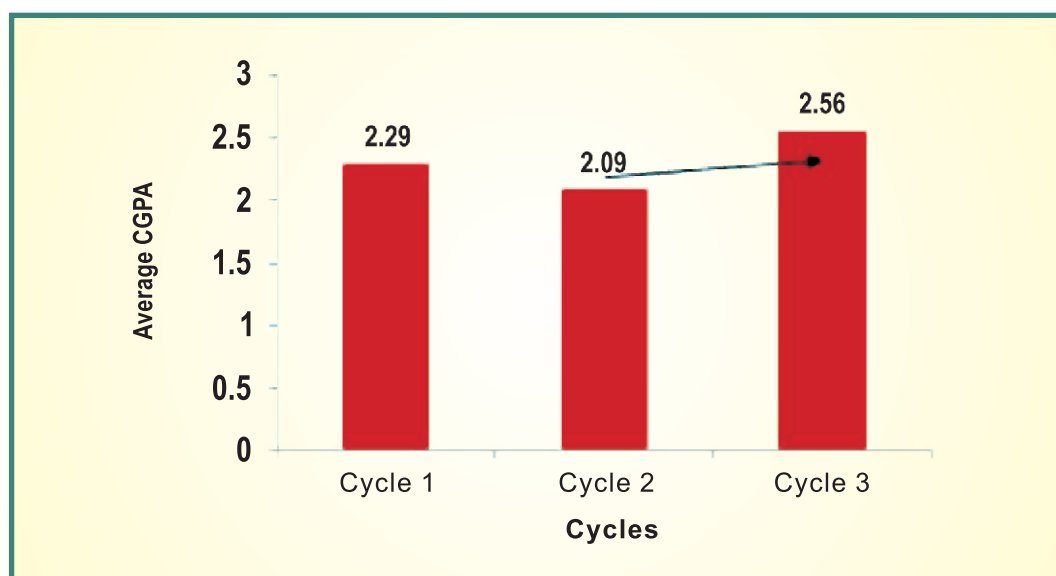
This section seeks to compare the average CGPAs of state universities accredited across all cycles, after the Revised Accreditation Framework was introduced. A total of 13 universities have obtained accreditation, with 08 universities in cycle 1, 02 universities in cycle 2 and 3 universities in cycle 3. The following table shows the average CGPAs that different colleges have obtained:

**Table - 8 Average CGPA's of State Universities Accredited cycle-wise**

Sl. No.	Cycle	Total Number Accredited	Constitution		Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
			Co-educational	Women's College		
1	1	08	08	0	2.29	2.31
2	2	02	02	0	2.09	
3	3	03	03	0	2.56	

In cycle 1, an average CGPA of 2.29 is noted. A total of 08 universities have been accredited and they are all co-educational universities. In cycle 2, an average CGPA of 2.09 is noted and a total of 02 universities have been accredited. They are all co-educational universities. From cycle 1 to cycle 2, average CGPA has decreased by 8.73%. In cycle 3, an average CGPA of 2.56 is noted. A total of 03 universities have been accredited and they are all co-educational universities. From cycle 2 to cycle 3, average CGPA has increased by 22.48%. The total average CGPA obtained for state universities across cycles 1, 2 and 3 is seen to be 2.31. No state universities were accredited in cycle 4.

**Graph 8 - Average CGPA's of State Universities Accredited Cycle-wise**



### 5.4 State and Private Universities

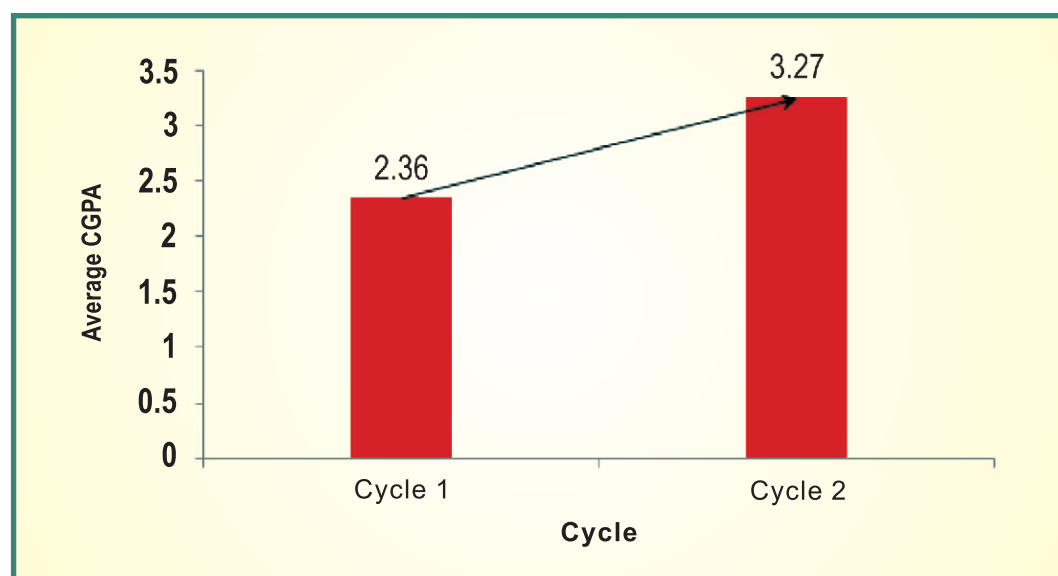
This section seeks to compare the average CGPAs of state and private Universities accredited across all cycles, after the Revised Accreditation Framework was introduced. A total of 14 universities have obtained accreditation, with 13 universities in cycle 1, 01 university in cycle 2 and no universities in cycle 3 and 4. The following table shows the average CGPAs that different colleges have obtained:

**Table - 9 Average CGPA's of State and Private Universities Accredited Cycle-wise**

Sl. No.	Cycle	Total Number Accredited	Constitution		Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
			Co-educational	Women's College		
1	1	13	13	0	2.36	2.82
2	2	01	01	0	3.27	

In cycle 1, an average CGPA of 2.36 is noted. A total of 13 universities have been accredited and they are all co-educational universities. In cycle 2, an average CGPA of 3.27 is noted and a total of 01 university has been accredited. They are all co-educational universities. From cycle 1 to cycle 2, average CGPA has increased by 38.55%. The total average CGPA obtained for state and private universities across cycles 1 and 2 is seen to be 2.82. No state and private universities were accredited in cycle 3 and cycle 4.

**Graph 9 - Average CGPAs of State and Private Universities Accredited Cycle-wise**



## 6. Average CGPA's of Types of Colleges Accredited across Cycles

### 6.1 State and Self-financing Colleges

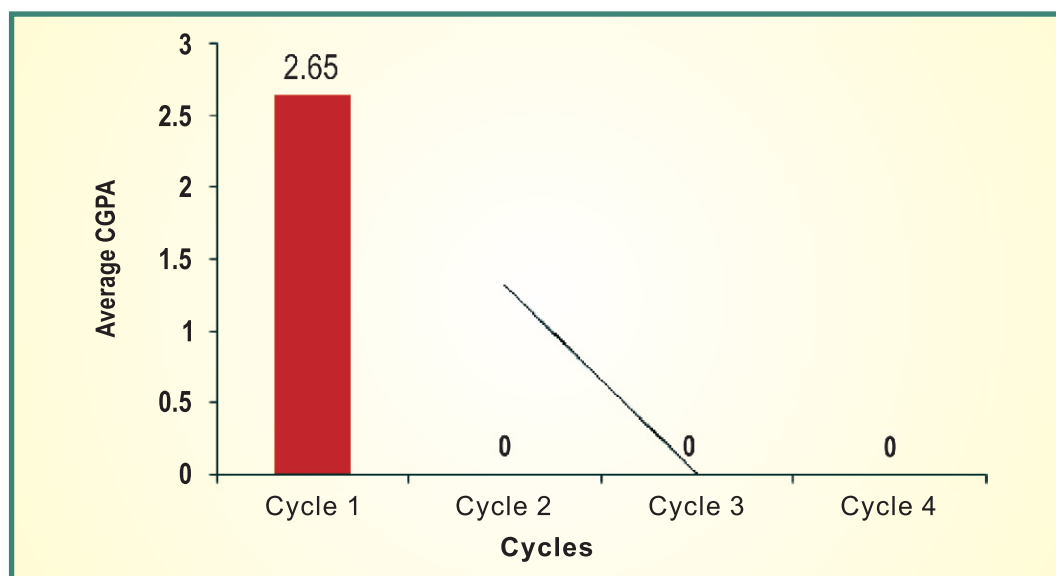
This section seeks to compare the average CGPAs of state and self-financing Colleges accredited across all cycles, after the Revised Accreditation Framework was introduced. A total of 01 college has obtained accreditation in cycle 01. The following table shows the average CGPAs that different colleges have obtained:

**Table 10 - Average CGPA's of State and self-financing Colleges Accredited in Cycle 1**

Sl. No.	Cycle	Total Number Accredited	Constitution		Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
			Co-educational	Women's College		
1	1	01	01	0	2.65	2.65

In cycle 1, an average CGPA of 2.65 is noted. A total of 01 college has been accredited and it is a co-educational college. No state and self-financing colleges were accredited in cycle 2, cycle 3 and cycle 4.

**Graph 10 - Average CGPA of state and Self-financing Colleges Accredited in Cycle 1**





## 6.2 Constituent Colleges

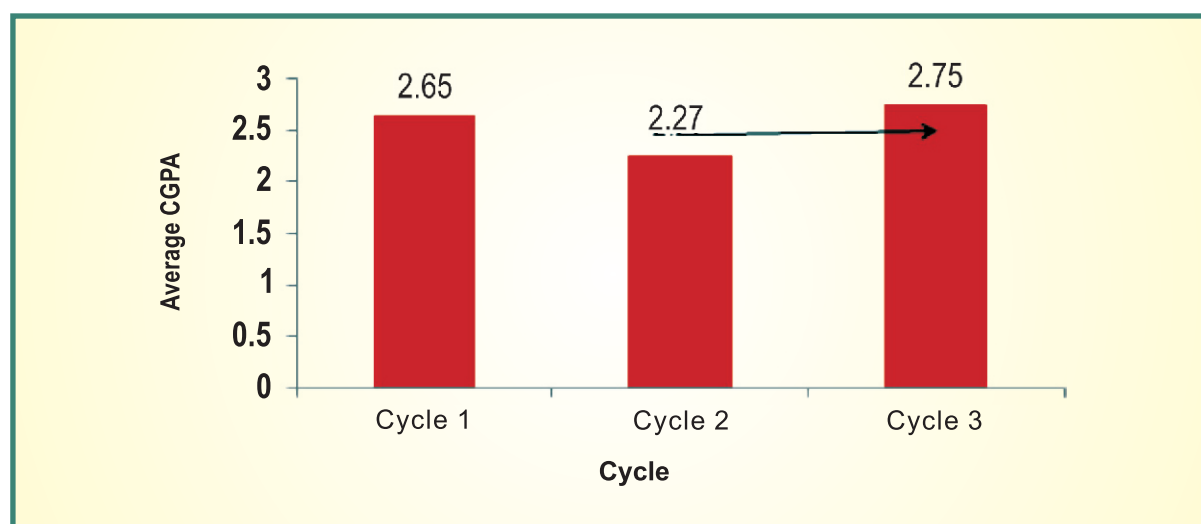
This section seeks to compare the average CGPAs of constituent colleges accredited across all cycles, after the Revised Accreditation Framework was introduced. A total of 05 colleges have obtained accreditation in this particular cycle, with 02 colleges in cycle 1, 02 colleges in cycle 2 and 01 college in cycle 3. The following table shows the average CGPAs that different colleges have obtained:

**Table 11 - Average CGPA's of Constituent Colleges Accredited Cycle-wise**

Sl. No.	Cycle	Total number Accredited	Constitution		Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
			Co-educational	Women's College		
1	1	02	0	02	2.65	2.56
2	2	02	01	01	2.27	
3	3	01	01	0	2.75	

In cycle 1, an average CGPA of 2.65 is noted. A total of 02 colleges have been accredited and they are both women's colleges. In cycle 2, an average CGPA of 2.27 is noted and a total of 02 colleges have been accredited. One of them is a co-educational college and the other one is a women's college. From cycle 1 to cycle 2, average CGPA has decreased by 14.33%. In cycle 3, an average CGPA of 2.75 is noted. A total of 01 college has been accredited and it is a co-educational college. From cycle 2 to cycle 3, average CGPA has increased by 21.14%. The total average CGPA obtained for constituent colleges across cycles 1, 2 and 3 is seen to be 2.56. No colleges have been accredited in cycle 4.

**Graph 11 - Average CGPA's of Constituent Colleges Accredited Cycle-wise**



### 6.3 Government Colleges

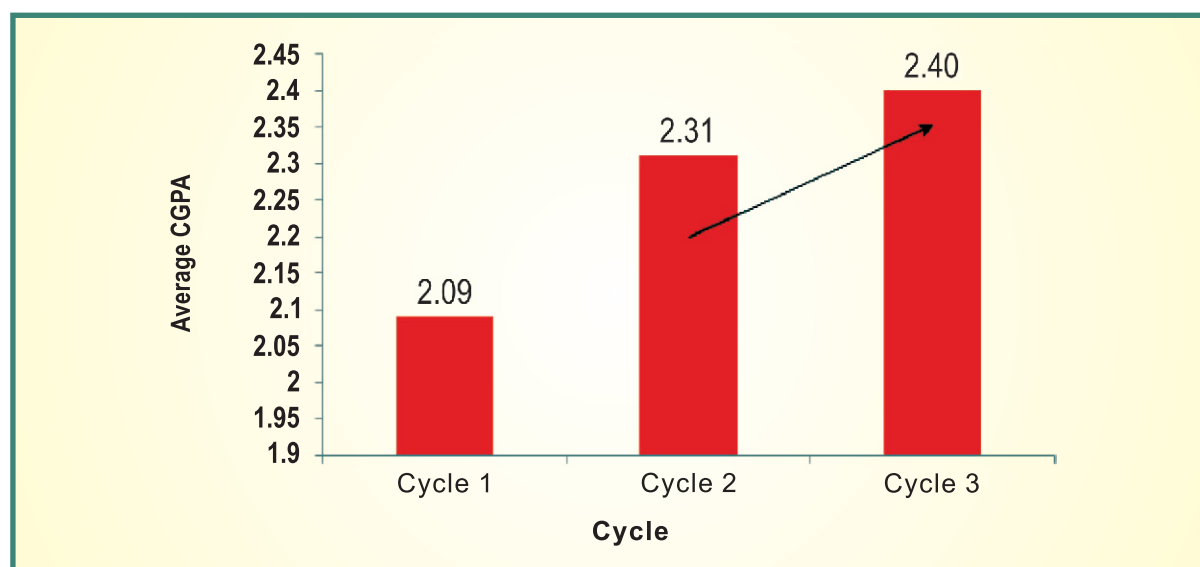
This section seeks to compare the average CGPAs of constituent colleges accredited across all cycles, after the Revised Accreditation Framework was introduced. A total of 70 colleges have obtained accreditation, with 30 colleges in cycle 1, 13 colleges in cycle 2 and 27 colleges in cycle 3. The following table shows the average CGPAs that different colleges have obtained:

**Table 12 - Average CGPA's of Government Colleges Accredited Cycle-wise**

Sl. No.	Cycle	Total Number Accredited	Constitution		Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
			Co-educational	Women's College		
1	1	30	30	00	2.09	2.27
2	2	13	12	01	2.31	
3	3	27	23	04	2.40	

In cycle 1, an average CGPA of 2.09 is noted. A total of 30 colleges have been accredited and they are all co-educational colleges. In cycle 2, an average CGPA of 2.31 is noted and a total of 13 colleges have been accredited. 12 of them are co-educational colleges and the other one is a women's college. From cycle 1 to cycle 2, average CGPA has increased by 10.52%. In cycle 3, an average CGPA of 2.40 is noted. A total of 27 colleges have been accredited. 23 of them are co-educational and 04 of them are women's colleges. From cycle 2 to cycle 3, average CGPA has increased by 3.89%. The total average CGPA obtained for government colleges across cycles 1, 2 and 3 is seen to be 2.27. No colleges have been accredited in cycle 4.

**Graph 12 - Average CGPA's of Government Colleges Accredited Cycle-wise**



### 6.4 Grant-in-aid Colleges

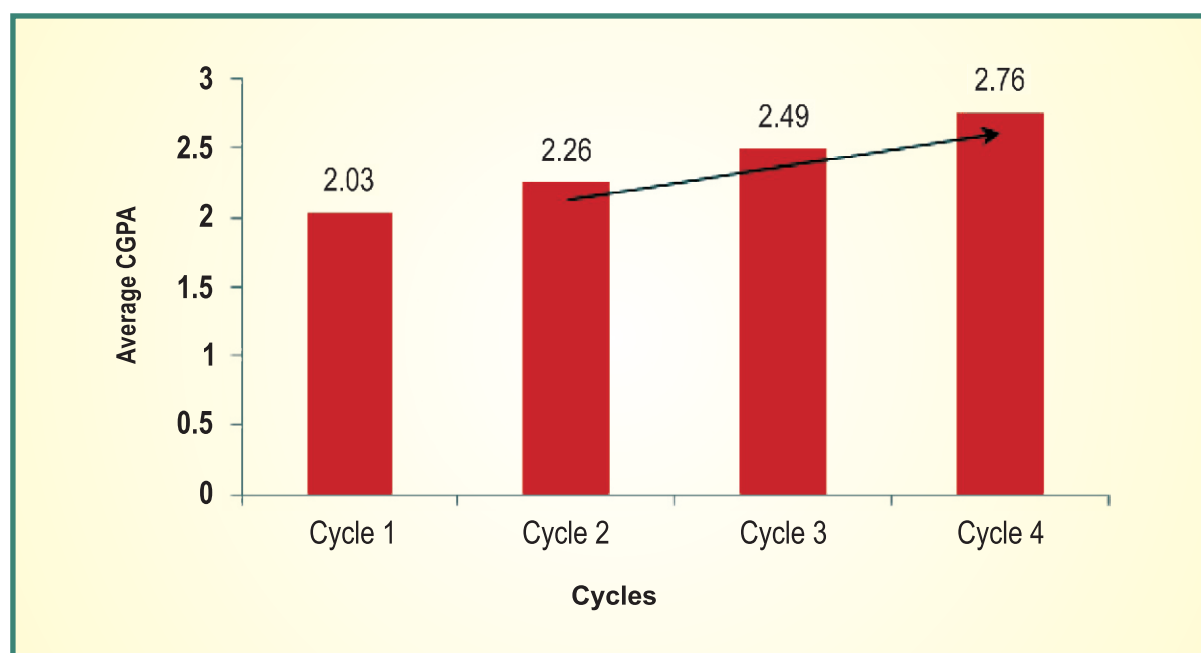
This section seeks to compare the average CGPAs of grant-in-aid colleges accredited across all cycles, after the Revised Accreditation Framework was introduced. A total of 129 colleges have obtained accreditation in this particular cycle, with 30 colleges in cycle 1, 28 colleges in cycle 2, 70 colleges in cycle 3 and 01 college in cycle 4. The following table shows the average CGPAs that different colleges have obtained:

**Table 13 - Average CGPA's of Grant-in-Aid Colleges Accredited cycle-wise**

Sl. No.	Cycle	Total Number Accredited	Constitution		Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
			Co-educational	Women's College		
1	1	30	28	02	2.03	2.27
2	2	28	25	03	2.26	
3	3	70	68	02	2.49	
4.	4	01	01	00	2.76	

In cycle 1, an average CGPA of 2.03 is noted. A total of 30 colleges have been accredited. 28 of them are co-educational colleges and 02 of them are women's colleges. In cycle 2, an average CGPA of 2.26 is noted and a total of 28 colleges have been accredited. 25 of them are co-educational colleges and 03 are women's colleges. From cycle 1 to cycle 2, average CGPA has increased by 11.33%. In cycle 3, an average CGPA of 2.49 is noted. A total of 70 colleges have been accredited. 68 of them are co-educational and 02 of them are women's colleges. From cycle 2 to cycle 3, average CGPA has increased by 10.17%. In cycle 4, an average CGPA of 2.76 is noted. A total of 01 college has been accredited and it is co-educational. From cycle 3 to cycle 4, average CGPA has increased by 10.84%. The total average CGPA obtained for Grant-in-aid colleges across all cycles is seen to be 2.39.

**Graph 13 - Average CGPA's of Grant-in-aid Colleges Accredited Cycle-wise**



### 6.5 Self-financing Colleges

This section seeks to compare the average CGPAs of self-financing colleges accredited across all cycles, after the Revised Accreditation Framework was introduced. A total of 98 colleges have obtained accreditation, with 77 colleges in cycle 1, 15 colleges in cycle 2 and 06 colleges in cycle 3. The following table shows the average CGPAs that different colleges have obtained:

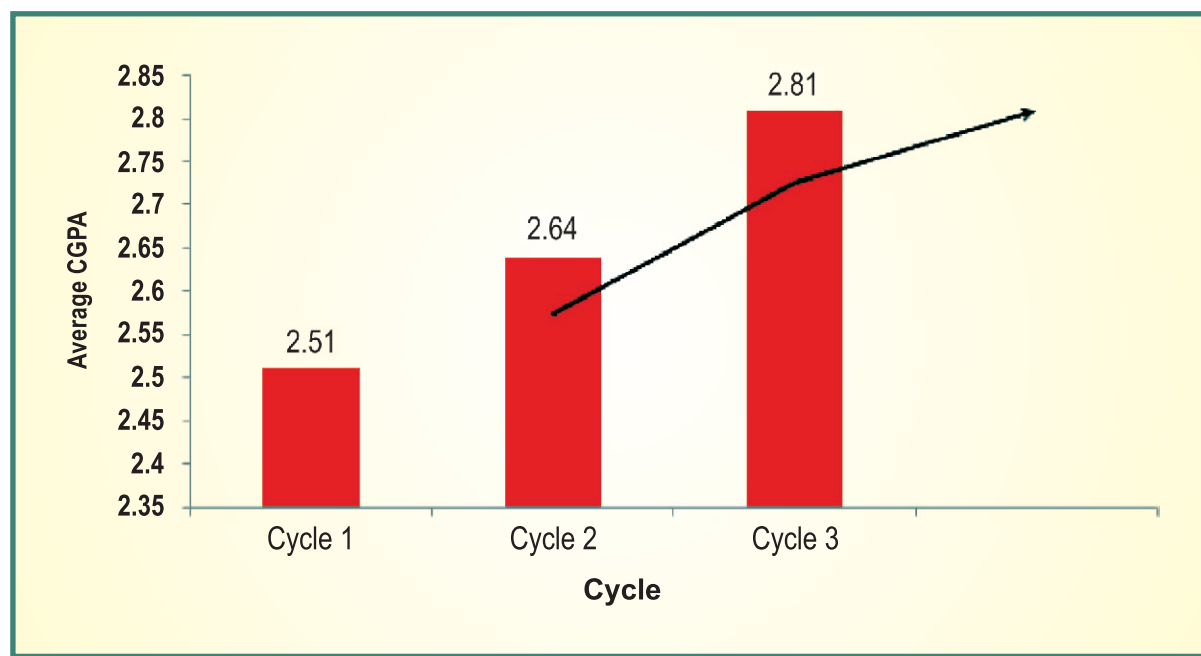
**Table 14 - Average CGPA's of Self-financing Colleges accredited Cycle-wise**

Sl. No.	Cycle	Total Number Accredited	Constitution		Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
			Co-educational	Women's College		
1	1	77	75	02	2.51	2.65
2	2	15	12	03	2.64	
3	3	06	05	01	2.81	

In cycle 1, an average CGPA of 2.51 is noted. A total of 77 colleges have been accredited. 75 of them are co-educational colleges and 02 of them are women's colleges. In cycle 2, an average CGPA of 2.64 is noted and a total of 15 colleges have been accredited. 12 of them are co-educational colleges and 03 are women's colleges. From cycle 1 to cycle 2, average CGPA has increased by 5.17%. In cycle 3, an average CGPA of 2.81 is noted. A total of 06 colleges have been accredited. 05 of them are

co-educational and 1 of them is a women's college. From cycle 2 to cycle 3, average CGPA has increased by 6.43%. The total average CGPA obtained for self financing colleges across cycles 1, 2 and 3 is seen to be 2.65. No colleges have been accredited in cycle 4.

**Graph 14 - Average CGPA's of Self - financing Colleges Accredited Cycle-wise**



### 6.6 Private Colleges

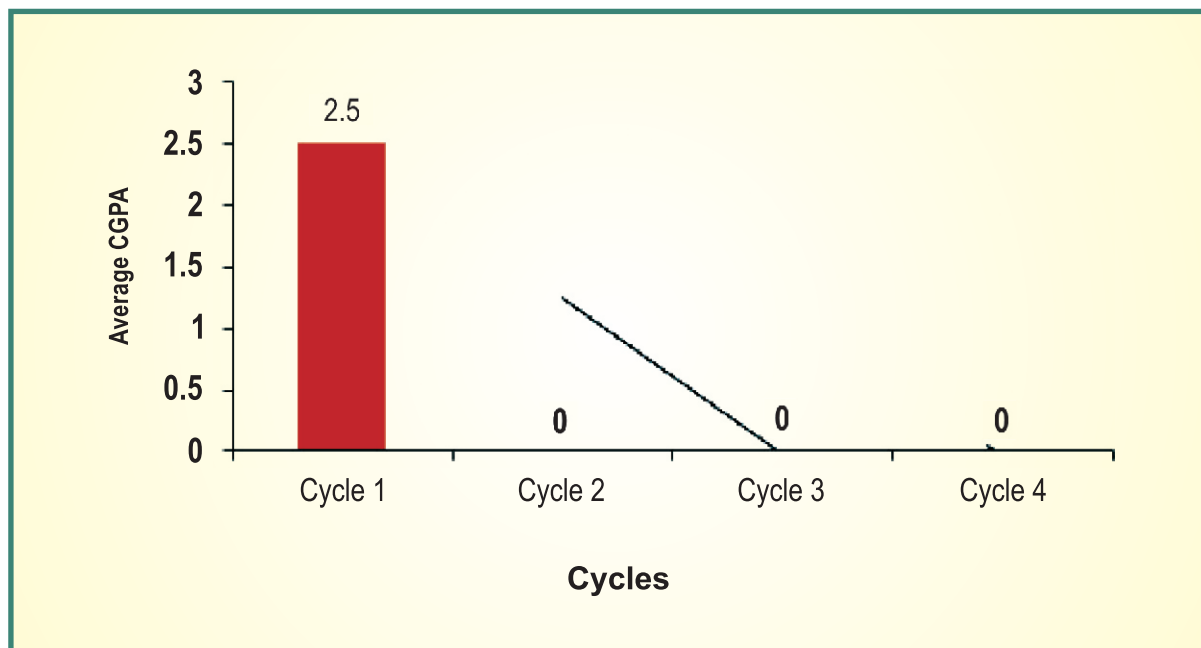
This section seeks to compare the average CGPAs of private colleges accredited across all cycles, after the Revised Accreditation Framework was introduced. A total of 28 colleges have obtained accreditation in this particular cycle, with 28 Colleges in cycle 1, and no colleges in cycle 2, 3 and 4. The following table shows the average CGPAs that different colleges have obtained:

**Table 15 - Average CGPA's of Private Colleges Accredited Cycle-wise**

Sl. No.	Cycle	Total Number Accredited	Constitution		Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
			Co-educational	Women's College		
1	1	28	26	02	2.50	2.50

In cycle 1, an average CGPA of 2.50 is noted. A total of 28 colleges have been accredited and out of that 26 are co-educational and 02 are Women's Colleges. No private colleges have been accredited in cycle 2, 3 and cycle 4.

**Graph 15 - Average CGPA's of Private Colleges Accredited Cycle-wise**



### 6.7 Government and Constituent Colleges

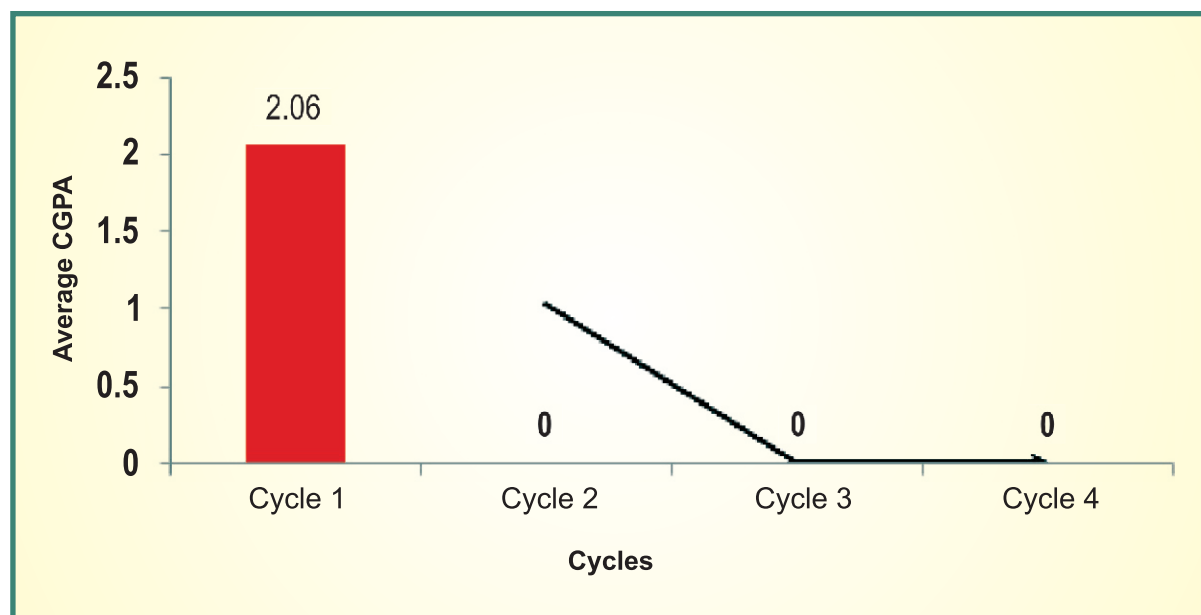
This section seeks to compare the average CGPAs of government and constituent colleges accredited across all cycles, after the Revised Accreditation Framework was introduced. A total of 03 colleges have obtained accreditation, with all of them in cycle 1. The following table shows the average CGPAs that different colleges have obtained:

**Table 16 - Average CGPA's of Government and Constituent Colleges Accredited cycle-wise**

Constitution						
Sl. No.	Cycle	Total Number Accredited	Co-educational	Women's College	Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
1	1	03	02	01	2.06	2.06

In cycle 1, an average CGPA of 2.06 is noted. A total of 03 colleges have been accredited. 02 of them are co-educational colleges and 01 of them is women's college. Self-financing colleges have undergone accreditation only in one cycle.

**Graph 16 - Average CGPA's of Government and Constituent Colleges Accredited Cycle-wise**



### 6.8 Government and Grant-in-aid Colleges

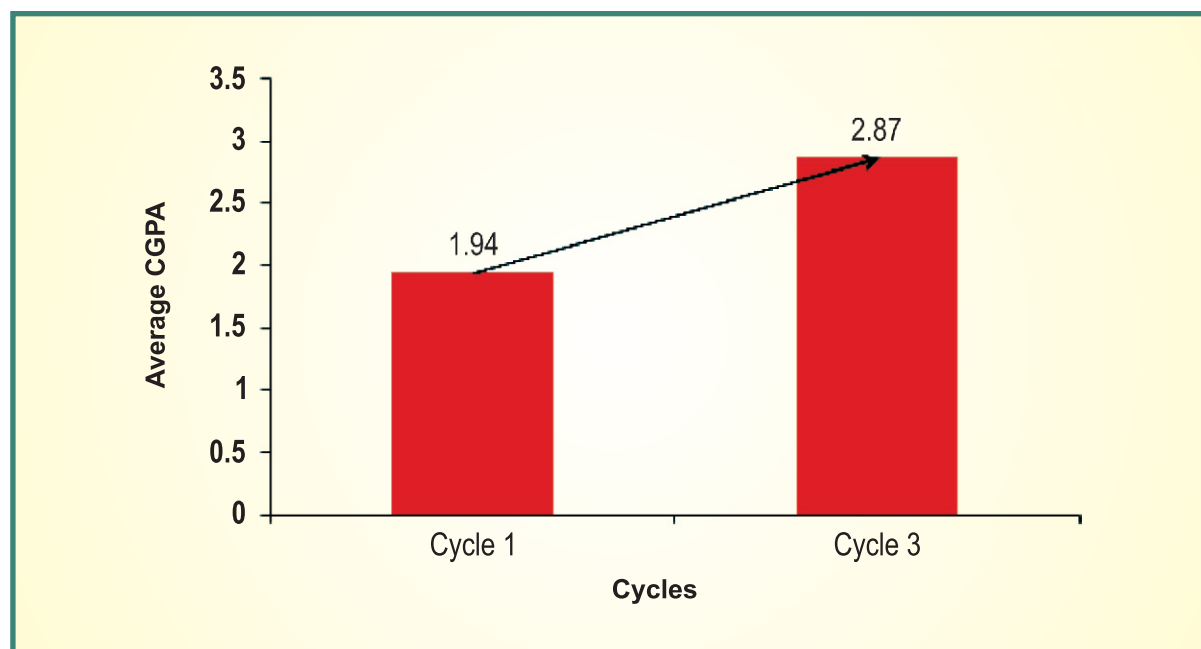
This section seeks to compare the average CGPAs of government and grant-in-aid colleges accredited across all cycles, after the Revised Accreditation Framework was introduced. A total of 02 colleges have obtained accreditation in this particular cycle, with 01 college in cycle 1 and 01 college in cycle 3. The following table shows the average CGPAs that different colleges have obtained:

**Table 17 - Average CGPA's of Government and Grant-in-aid Colleges Accredited Cycle-wise**

Sl. No.	Cycle	Total Number Accredited	Constitution		Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
			Co-educational	Women's College		
1	1	01	01	00	1.94	2.41
2	3	01	00	01	2.87	

In cycle 1, an average CGPA of 1.94 is noted. A total of 01 college has been accredited and it is a co-educational college. In cycle 3, an average CGPA of 2.87 is noted. A total of 01 college has been accredited and it is a Women's College. No colleges were accredited in cycles 2 and 4. Total average CGPA for cycle 1 and cycle 3 is 2.41.

**Graph 17 - Average CGPA's of Government and Grant-in-aid Colleges Accredited cycle-wise**



### 6.9 Grant-in-aid and Self-financing Colleges

This section seeks to compare the average CGPAs of grant-in-aid and self-financing colleges accredited across all cycles, after the Revised Accreditation framework was introduced. A total of 47 colleges have obtained accreditation, with 06 colleges in cycle 1, 9 colleges in cycle 2, 29 colleges in cycle 3 and 3 colleges in cycle 4. The following table shows the average CGPAs that different colleges have obtained:

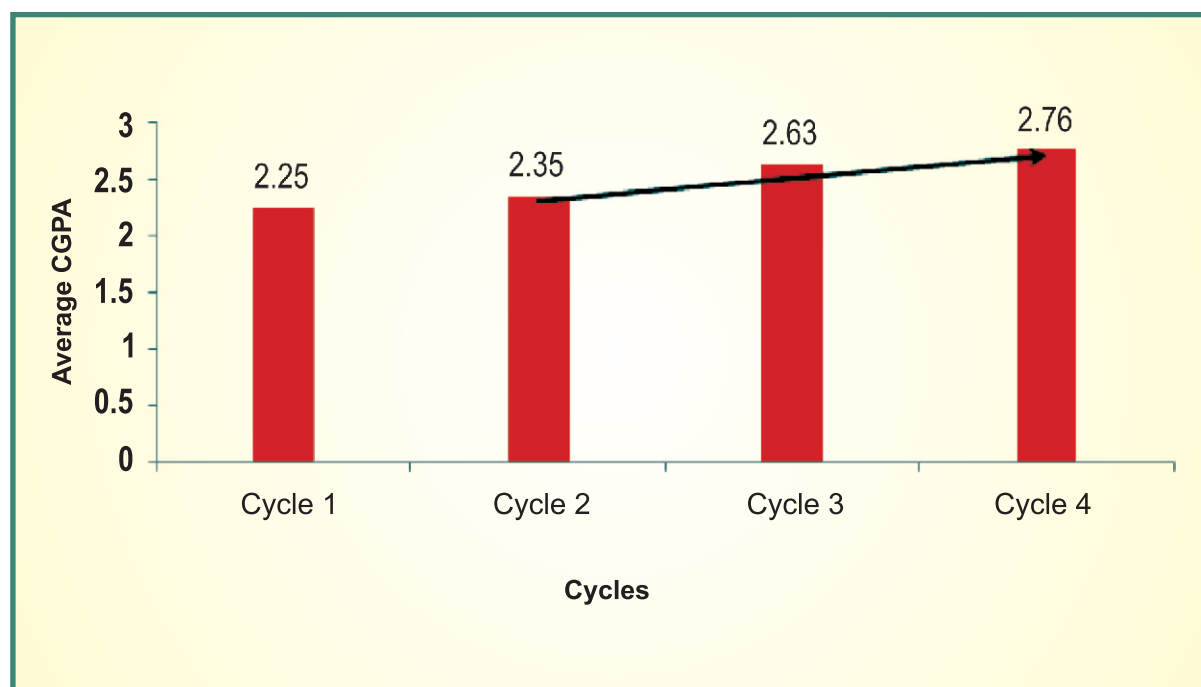
**Table 18 - Average CGPA's of Grant-in-Aid and Self-financing Colleges Accredited Cycle-wise**

Sl. No.	Cycle	Total Number Accredited	Constitution		Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
			Co-educational	Women's College		
1	1	06	05	01	2.25	2.50
2	2	09	08	01	2.35	
3	3	29	25	04	2.63	
4	4	03	01	02	2.76	



In cycle 1, an average CGPA of 2.25 is noted. A total of 06 colleges have been accredited. 05 of them are co-educational colleges and 01 of them is a women's colleges. In cycle 2, an average CGPA of 2.35 is noted and a total of 09 colleges have been accredited. 08 of them are co-educational colleges and 01 is a women's college. From cycle 1 to cycle 2, average CGPA has increased by 4.44%. In cycle 3, an average CGPA of 2.63 is noted. A total of 29 colleges have been accredited. 25 of them are co-educational and 04 of them are women's colleges. From cycle 2 to cycle 3, average CGPA has increased by 11.91%. In cycle 4, an average CGPA of 2.76 is noted. A total of 03 colleges have been accredited. 01 of them is a co-educational college and 02 of them are women's college. From cycle 3 to cycle 4, average CGPA has increased by 4.94%. The total average CGPA obtained for grant-in-aid and self-financing colleges across all cycles is seen to be 2.50.

*Graph 18 - Average CGPA's of Grant-in-Aid and Self-Financing Colleges Accredited Cycle-wise*



### *6.10 Private and Grant-in-aid Colleges*

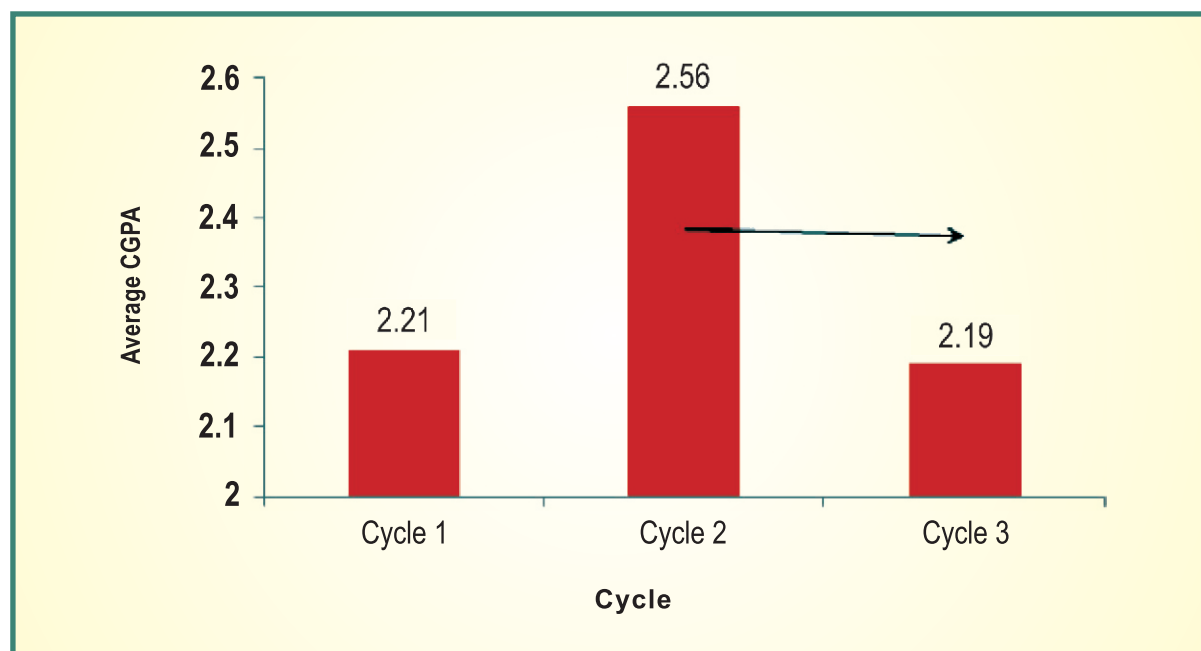
This section seeks to compare the average CGPAs of private and grant-in-aid colleges accredited across all cycles, after the Revised Accreditation framework was introduced. A total of 12 colleges have obtained accreditation in this particular cycle, with 04 Colleges in cycle 1, 03 colleges in cycle 2, 05 colleges in cycle 3 and no colleges in cycle 4. The following table shows the average CGPAs that different colleges have obtained:

**Table 19 - Average CGPA's of Private and Grant in aid Colleges Accredited Cycle-wise**

Sl. No.	Cycle	Total Number Accredited	Constitution		Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
			Co-educational	Women's College		
1	1	04	03	01	2.21	2.32
2	2	03	03	00	2.56	
3	3	05	03	02	2.19	

In cycle 1, an average CGPA of 2.21 is noted. A total of 04 colleges have been accredited and out of that 03 are co-educational and 01 is a women's college. In cycle 2, an average CGPA of 2.56 is noted and a total of 03 colleges have been accredited. They are all co-educational colleges. From cycle 1 to cycle 2, average CGPA has increased by 15.83%. In cycle 3, an average CGPA of 2.19 is noted. A total of 05 colleges have been accredited and out of that 03 colleges are co-educational and 02 are women's colleges. From cycle 2 to cycle 3, average CGPA has decreased by 14.45%. The total average CGPA obtained for private and grant-in-aid colleges across cycles 1, 2 and 3 is seen to be 2.32. No private and grant-in-aid colleges have been accredited in cycle 4.

**Graph 19 - Average CGPA's of Private and grant-in-aid Colleges Accredited Cycle-wise**



### 6.11 Private, Grant-in-aid and Self-financing Colleges

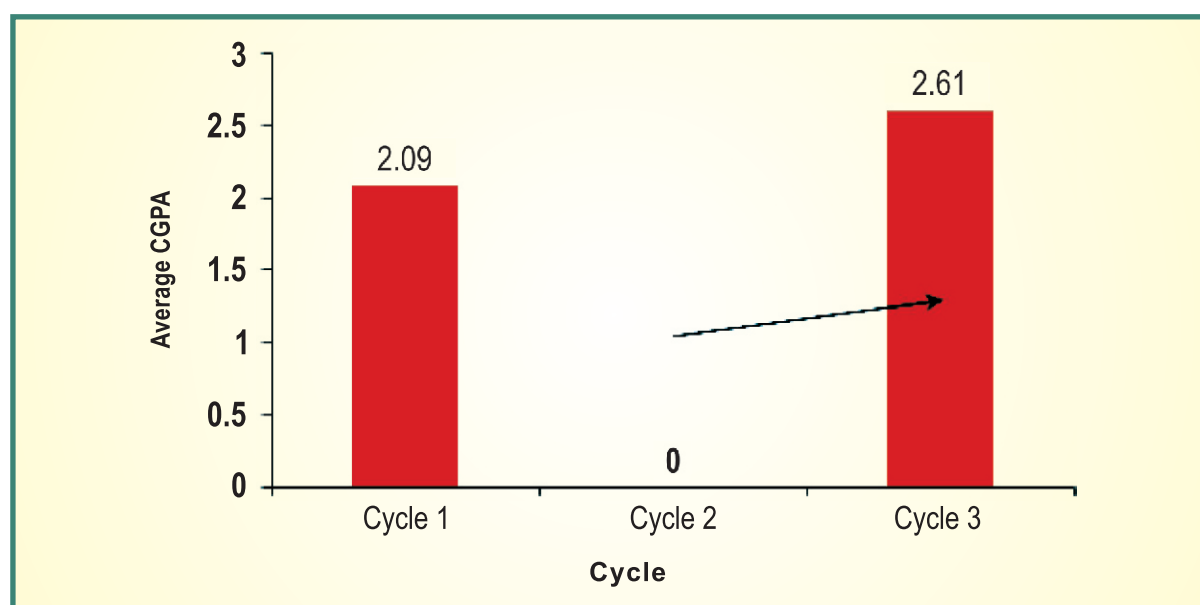
This section seeks to compare the average CGPAs of private and grant-in-aid and self-financing colleges accredited across all cycles, after the Revised Accreditation framework was introduced. A total of 12 colleges have obtained accreditation, with 06 colleges in cycle 1, no colleges in cycle 2, 06 colleges in cycle 3 and no colleges in cycle 4. The following table shows the average CGPAs that different colleges have obtained:

**Table 20 - Average CGPA's of Private and grant-in-aid and self-financing Colleges Accredited Cycle-wise**

Sl. No.	Cycle	Total Number Accredited	Constitution		Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
			Co-educational	Women's College		
1	1	06	06	0	2.09	2.35
2	2	06	03	03	2.61	

In cycle 1, an average CGPA of 2.09 is noted. A total of 06 colleges have been accredited and they are all co-educational. In cycle 3, an average CGPA of 2.61 is noted. A total of 06 colleges have been accredited and out of that 03 colleges are co-educational and 03 are women's college. The total average CGPA obtained for private and grant-in-aid and self-financing colleges across cycles 1 and 03 is seen to be 2.35. No private and grant-in-aid and self-financing colleges have been accredited in cycle 2 and cycle 4.

**Graph 20 - Average CGPA's of Private and grant-in-aid and self-financing Colleges Accredited Cycle-wise**



### **6.12 Private and Self-Financing Colleges**

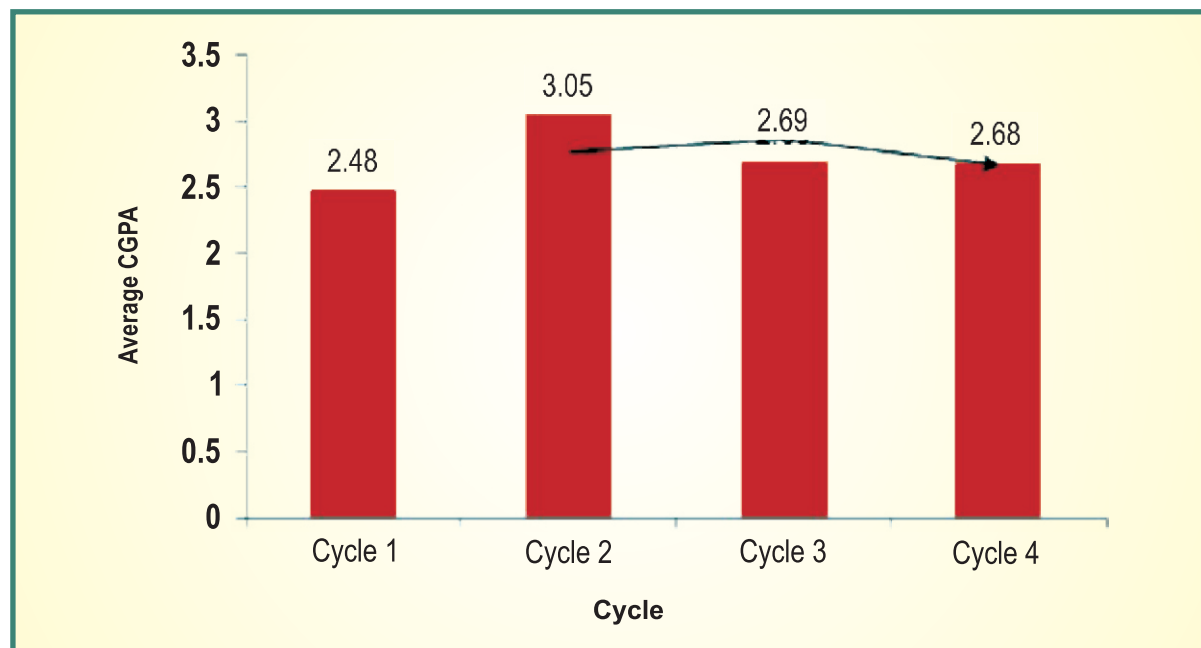
This section seeks to compare the average CGPAs of private and self-financing colleges accredited across all cycles, after the Revised Accreditation Framework was introduced. A total of 129 colleges have obtained accreditation in this particular cycle, with 107 Colleges in cycle 1, 17 colleges in cycle 2, 04 colleges in cycle 3 and 01 colleges in cycle 4. The following table shows the average CGPAs that different colleges have obtained:

**Table 21 - Average CGPA's of Private and Self-financing Colleges Accredited Cycle-wise**

Sl. No.	Cycle	Total Number Accredited	Constitution		Total Average CGPA for each Cycle	Total Average CGPA for all Cycles
			Co-educational	Women's College		
1	1	107	103	04	2.48	2.72
2	2	017	015	02	3.05	
3	3	004	003	01	2.69	
4	4	001	001	00	2.68	

In cycle 1, an average CGPA of 2.48 is noted. A total of 107 colleges have been accredited. Out of these, 103 colleges are co-educational and 04 of them are women's colleges. In cycle 2, an average CGPA of 3.05 is noted. A total of 17 colleges have been accredited. Out of these, 15 colleges are co-educational and 02 of them are women's colleges. From cycle 1 to cycle 2, average CGPA has increased by 22.98%. In cycle 03, an average CGPA of 2.69 is noted. A total of 04 colleges have been accredited and out of that 03 colleges are co-educational and 02 is a women's college. From cycle 2 to cycle 3, average CGPA has decreased by 11.80%. In cycle 4, an average CGPA of 2.68 is noted. A total of 01 college has been accredited and it is co-educational. From cycle 3 to cycle 4, average CGPA has decreased by 0.37%. The total average CGPA obtained for private and self-financing college across all cycles is seen to be 2.72.

**Graph 21 - Average CGPA's of Private and Self-financing Colleges Accredited Cycle-wise**



### 6.13 Average CGPAs of Universities and Colleges Accredited Cycle-wise

#### 6.13.1 Average CGPAs of Universities

The following section shows the average CGPAs obtained by universities across all cycles.

**Table 22.1 - Average CGPA's of Universities Accredited across all Cycles**

Sl. No.	Universities	Total Average CGPA across all cycles
1	Central Universities	3.19
2	Deemed Universities	3.34
3	State Universities	2.31
4	State and Private Universities	2.82

**Table - 22.2 Average CGPA's of Universities Cycle-wise**

Sl. No.	Type of Universities	Cycles			
		Cycle 1	Cycle 2	Cycle 3	Cycle 4
1	Central Universities	3.28	-	-	3.09
2	Deemed Universities	3.67	3.19	3.15	-
3	State Universities	2.29	2.09	2.56	-
4	State and Private Universities	2.36	3.27	-	-

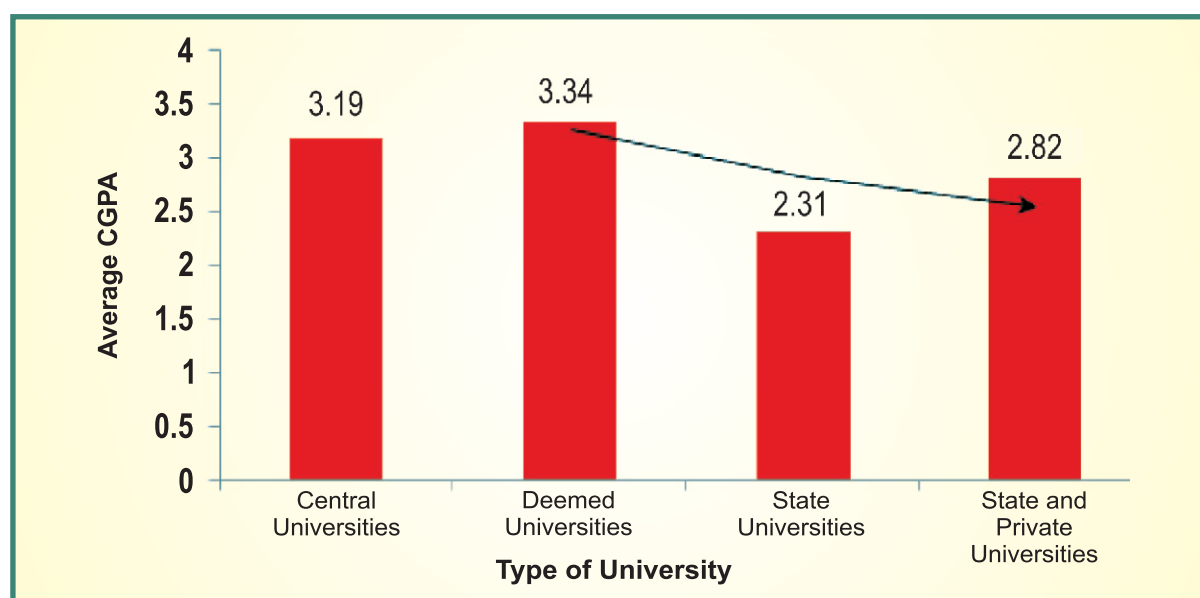
It is seen that deemed universities have obtained the maximum average CGPA across all cycles, followed by central universities. State universities have obtained the least average CGPA across all cycles.

All universities have undergone accreditation in cycle 1 and out of that, deemed universities have obtained the highest average CGPA. Only three types of universities, namely deemed universities, state universities and state and private universities have obtained accreditation in cycle 2. Out of that, state and private universities have obtained the highest average CGPA.

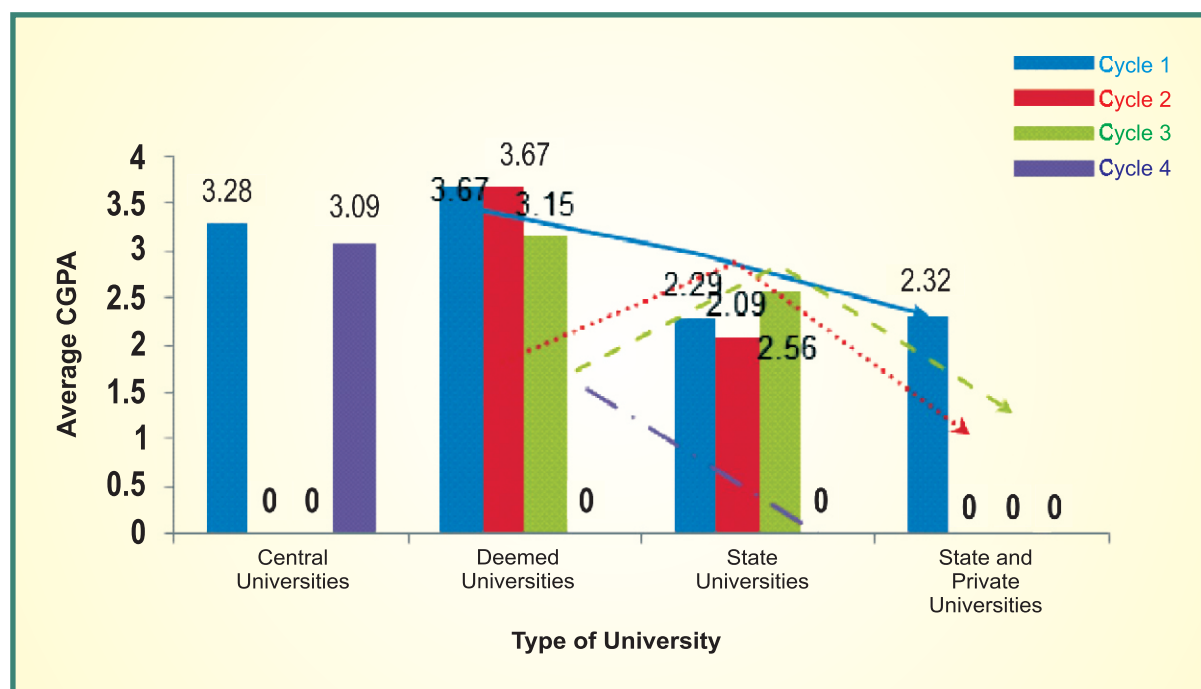
Only two types of universities, namely deemed universities and state universities have obtained accreditation in cycle 3. Out of that, deemed universities have obtained the highest average CGPA.

Only central universities have obtained accreditation in cycle 4.

**Graph 22.1 - Average CGPA of Universities Accredited across all Cycles**



Graph 22.2 - Cycle-wise distribution of Average CGPA of Universities



### 6.13.2 Average CGPAs of Colleges

The following section shows the average CGPAs obtained by universities and colleges across all cycles.

Table 22.3 - Average CGPA's of Colleges across all Cycles

Sl. No.	Colleges	Total Average CGPA across all cycles
1	State and Self-financing Colleges	2.65
2	Constituent Colleges	2.56
3	Government Colleges	2.27
4	Grant-in-aid Colleges	2.39
5	Self-financing Colleges	2.65
6	Private Colleges	2.50

Sl. No.	Colleges	Total Average CGPA across all cycles
7	Government and Constituent Colleges	2.06
8	Government and Grant-in-aid Colleges	2.41
9	Grant-in-aid and Self-financing Colleges	2.50
10	Private and Grant-in-aid Colleges	2.32
11	Private and Grant-in-aid and Self-financing Colleges	2.35
12	Private and Self-financing Colleges	2.72

*Table 22.4 - Average CGPA's of Colleges Accredited Cycle-wise*

Sl. No.	Type of Colleges	Cycles			
		Cycle 1	Cycle 2	Cycle 3	Cycle 4
1	State and Self-financing College	2.65	-	-	-
2	Constituent Colleges	2.65	2.27	2.75	-
3	Government Colleges	2.09	2.31	2.40	-
4	Grant-in-aid Colleges	2.03	2.26	2.49	2.76
5	Self-financing Colleges	2.51	2.64	2.81	-
6	Private Colleges	2.50	-	-	-
7	Government and Constituent Colleges	2.06	-	-	-
8	Government and Grant-in-aid Colleges	1.94	-	2.87	-
9	Grant-in-aid and Self-financing Colleges	2.25	2.35	2.63	2.76

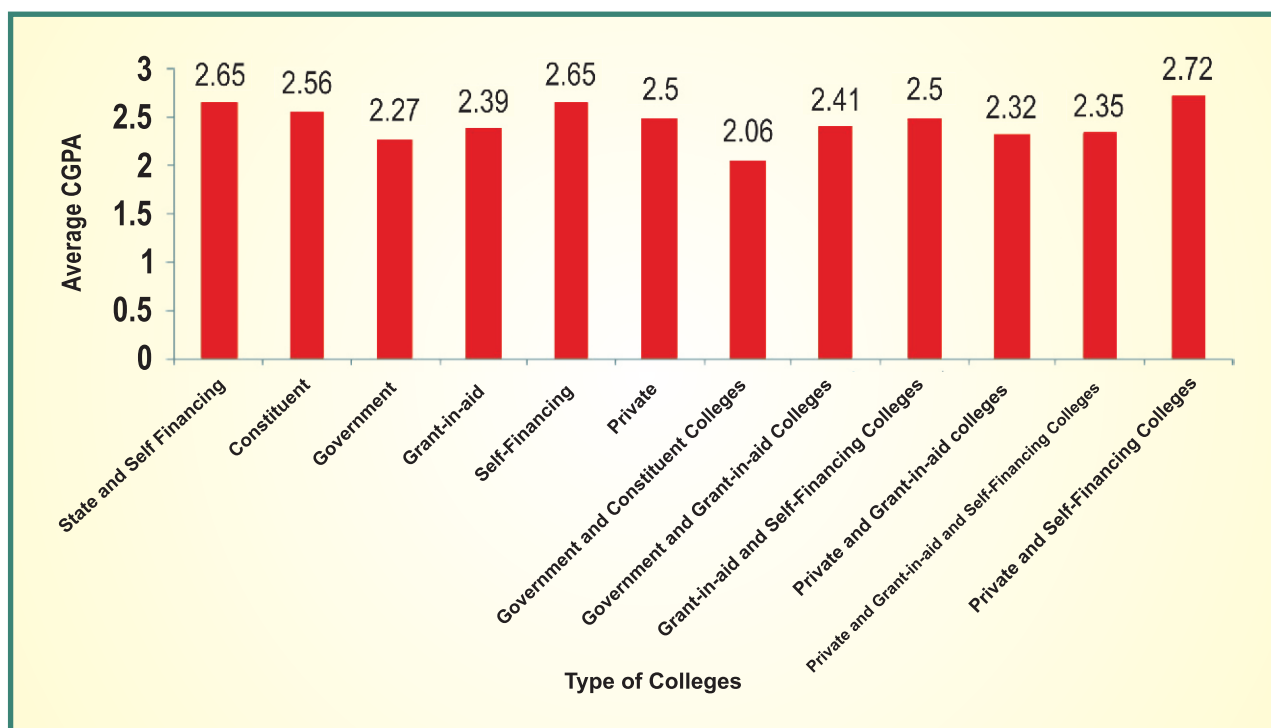


		Cycles			
Sl. No.	Type of Colleges	Cycle 1	Cycle 2	Cycle 3	Cycle 4
10	Private and Grant-in-aid colleges	2.21	2.56	2.19	-
11	Private and Grant-in-aid and Self-financing Colleges	2.09	-	2.61	-
12	Private and Self-financing Colleges	2.48	3.05	2.69	2.68

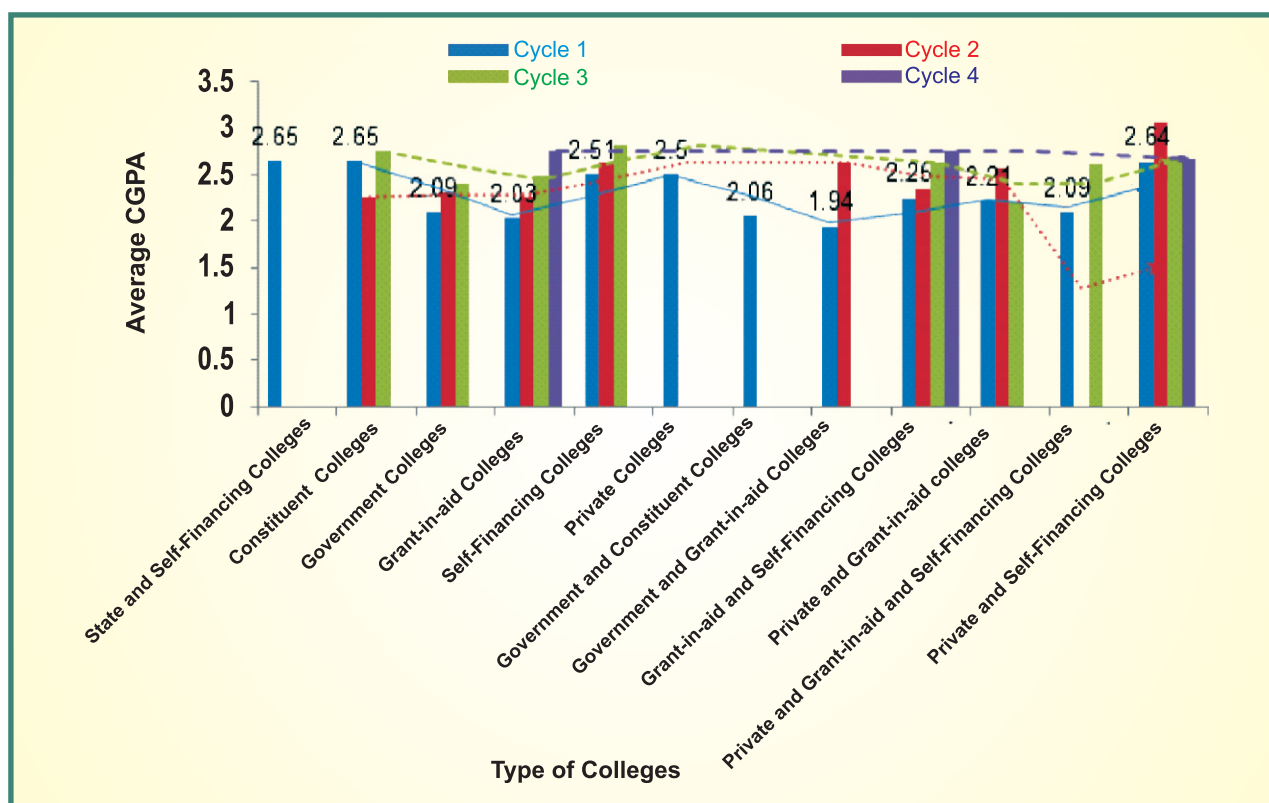
It is seen that private and self-financing colleges have obtained the maximum average CGPA across all cycles, followed by state and self-financing colleges and self-financing colleges. Following these are constituent, private and grant-in-aid and self-financing colleges. Government and grant-in-aid and grant-in-aid colleges follow these. Private, grant-in-aid and self financing colleges follow these, after which follows private and grant-in-aid, government colleges and government and constituent colleges.

All colleges have undergone accreditation in cycle 1 and out of that, constituent college and State and self-financing colleges have obtained the highest average CGPA. Only eight types of colleges have undergone accreditation in cycle 2. Out of that, private and self-financing colleges have obtained the highest average CGPA. Only eight types of colleges have undergone accreditation in cycle 3. Out of that, self-financing colleges have obtained the highest average CGPA. Only 03 types of colleges have obtained accreditation in cycle 4. Out of that, grant-in-aid and grant-in-aid self-financing colleges have obtained the highest average CGPA.

**Graph 22.3 - Average CGPA's of Colleges Accredited across all cycles**



**Graph 22.4 - Average CGPA's of Colleges Accredited Cycle-wise**



## **7. Findings**

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1. Among the accredited colleges, grant -in- aid as well as private and self-financing colleges is more in number.
2. Among the accredited universities, state and private universities are more in number.
3. In cycle 1, universities in Karnataka have obtained the highest average CGPA (3.37) as compared to universities in Jharkhand (1.78). Colleges in Delhi have obtained the highest average CGPA (2.83) as compared to colleges in Gujarat (1.66). It is seen that universities have registered the higher mean average CGPA (2.46) when compared to the mean average CGPA of colleges (2.21).
4. Though the trend between universities and colleges appear to be stable, colleges show a bit of downward trend in cycle 1.
5. In cycle 2, universities in Andhra Pradesh have obtained the highest average CGPA (3.57) as compared to universities in Gujarat (1.65). Colleges in Telangana have obtained the highest average CGPA (3.41) as compared to colleges in West Bengal (1.72). It is seen that universities have registered the higher mean average CGPA (2.88) as compared to colleges (2.47).
6. Though the trend between universities and colleges appear to be stable, colleges show downward trend in cycle 2.
7. In cycle 3, universities in Tamil Nadu have obtained the highest average CGPA (3.34) as compared to universities in Uttar Pradesh (1.52). Colleges in Punjab have obtained the highest average CGPA (3.38) as compared to colleges in Madhya Pradesh (2.09). It is seen that universities have registered the higher mean average CGPA (2.66) when compared to colleges (2.57).
8. Though the trend between universities and colleges goes downward, colleges show stable trend in cycle 3.
9. Only one university has been accredited in cycle 4. Colleges in Telangana have obtained the highest average CGPA (2.91) as compared to colleges in Kerala (2.62). It is seen that Universities have registered the higher mean average CGPA (3.09) when compared to the mean average CGPA of colleges (2.77).
10. Colleges show upward trend in cycle 4.
11. Universities and colleges in Tamil Nadu have been accredited in all four cycles.

12. Universities in Tamil Nadu have registered a maximum average CGPA of 3.34 (in cycle 3) and a minimum CGPA of 2.25 in cycle 1. From cycle 1 to cycle 2, these universities have shown an increase of 12% and from cycle 2 to cycle 3, an increase of 32.5% is seen. From cycle 3 to cycle 4, average CGPA has decreased by 7.48%.
13. Colleges in 03 states, namely Andhra Pradesh, Tamil Nadu and Telangana have been accredited in all 4 cycles. Colleges in Andhra Pradesh have registered a maximum average CGPA of 2.90 (cycle 4) and a minimum average CGPA of 2.52 (cycle 3). From cycle 1 to cycle 2, average CGPA has increased by 8.56%, while from cycle 2 to cycle 3, average CGPA has decreased by 9.67%. From cycle 3 to cycle 4, average CGPA has increased by 15.07%. Colleges in Tamil Nadu have registered a maximum average CGPA of 2.79 (in cycle 2) and a minimum CGPA of 2.63 in cycle 1. From cycle 1 to cycle 2, average CGPA has increased by 6.08% while from cycle 2 to cycle 3, average CGPA has decreased by 3.94%. From cycle 3 to cycle 4, no change is observed. Colleges in Telangana have registered a maximum average CGPA of 3.41 (cycle 2) and a minimum average CGPA of 2.62 (cycle 3). From cycle 1 to cycle 2, average CGPA has increased by 20.92% and from cycle 2 to cycle 3, average CGPA has decreased by 23.17%. From cycle 3 to cycle 4, average CGPA has increased by 11.07%
14. Among universities, the trend line shows a slight fluctuation, whereas for colleges, it appears to be stable. Nevertheless, the trend line of colleges show fluctuations and slightly increases upward in all cycles.
15. Among the types of universities, deemed have got more average CGPA compared to state universities.
16. Among the type of colleges, It is seen that private and self-financing colleges have obtained the maximum average CGPA across all cycles, when compared to Government and Constituent Colleges.
17. Overall, grant-in-aid colleges have shown improvement from cycle 1 to cycle 4.
18. Self-financing Colleges have shown improvement from cycle-1 to cycle-3.
19. Overall, grant-in-aid colleges and self-financing colleges have shown improvement from cycle 1 to cycle 4.

## **8. Suggestions**

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1. More number of grant-in-aid and self-financing colleges has been accredited, as evident from the findings. Hence, the Higher Education Council and other concerned authorities have to find out the reasons why other un-aided colleges have not gone for accreditations and prepare them through awareness and training programs.
2. Colleges of Gujarat and West Bengal have shown very less CGPA in Cycles 1 and 2. This may be due to many factors; however there is a need to organize number of awareness programs by the state and concerned authorities.
3. Among the Universities, Deemed and Central Universities have got better CGPA's compared to State and Private Universities. Therefore, the concerned state governments should take initiative to organize more number of awareness and training programs.
4. When compared to the number of universities that have been accredited in cycle 1, the number of universities that have been accredited in cycle 4 has significantly decreased. While 63.89% has been accredited in cycle 1, only 2.78% has been accredited in cycle 4. The concerned authorities should look into this and try to even out such discrepancies.
5. When compared to the number of colleges that have been accredited in cycle 1, the number of colleges that have been accredited in cycle 4 has significantly decreased. While 55.03% has been accredited in cycle 1, only 0.93% has been accredited in cycle 4. The State Higher Education Council should look into this and try to overcome such discrepancies.

## **9. Conclusions**

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For the purposes of this study, 36 universities and 536 colleges have been considered for analysis. The study indicates that universities and colleges in Tamil Nadu have gone for accreditation in all cycles. Most number of colleges and universities were seen to be accredited to be accredited in cycle 1 and in cycle 4, the least number of them have been accredited. In all 04 cycles, universities registered the maximum mean average CGPA, when compared to colleges.

Universities in Karnataka, Andhra Pradesh and Tamil Nadu have obtained highest average CGPA while universities in Jharkhand, Gujarat and Uttar Pradesh have obtained the least average CGPA in cycles 1, 2, 3 and 4. Similarly, colleges in Delhi, Punjab and Telangana have obtained highest average CGPA while colleges in Gujarat, West Bengal, Madhya Pradesh and Kerala have obtained the least average CGPA in cycles 1, 2, 3 and 4. Gujarat remains the only state whose colleges and universities have obtained least average CGPA.

It is seen that deemed universities have obtained the maximum average CGPA across all cycles, followed by central universities. State universities have obtained the least average CGPA across all cycles.

It is seen that private and self-financing colleges have obtained the maximum average CGPA across all cycles while grant-in-aid and constituent colleges have obtained the least average CGPA across all cycles.

## **10. Limitations**

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This study is based solely on the data obtained of colleges and universities accredited after the introduction of the Revised Accreditation Framework, through the window system. Only descriptive statistics and trend analysis has been done.

## **Annexure**

A total of 572 higher educational institutions have been considered for analysis in this report. Out of this, there are 36 Universities and 536 Colleges.

### **Annexure I - Number of Accredited Universities**

4 types of universities have been accredited - namely, Central, Deemed, State and State and Private Universities. The following table shows the total number of the type of universities accredited.

Type	Number of Universities
Central	02
Deemed	07
State	13
State and Private	14

### **Annexure II - Number of type of Accredited Colleges**

12 types of colleges have been accredited-namely 'state and self-financing', 'constituent', 'government', 'grant-in-aid', 'self-financing', 'private', 'government and constituent', 'government and grant-in-aid', 'grant-in-aid and self-financing', 'private and grant-in-aid', 'private, grant-in-aid and self-financing' and 'private and self-financing'. The following table shows the total number of the type of colleges accredited.

Type	Number of Colleges
State and Self-financing Colleges	01
Constituent	05
Government	70
Grant-in-aid	129

Type	Number of Colleges
Self-financing	98
Private	28
Government and Constituent	03
Government and Grant-in-aid	02
Grant-in-aid and Self-financing	47
Private and Grant-in-aid	12
Private, Grant-in-aid and Self-financing	12
Private and Self-financing	129



*For Communication with **NAAC***

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