

ANNEXURE – VII

COLLEGE DEVELOPMENT PLAN TEMPLATE

1. COLLEGE BASIC INFORMATION

1.1 College Identity

- Name of the College: J.J. College of Arts and Science (Autonomous)

Is the College approved by Regulatory Body?	:	Yes
Furnish approval No.	:	G.O.Ms.No. 1040, dated 10.11.1993 Issued by the Government of Tamilnadu
Type of College	:	Private unaided Autonomous
Status of College	:	Autonomous Institute as declared by University

- Name of the Principal of College and Project Nodal Officers:

Head and Nodal Officer	Name	Phone Number	Mobile Number	Fax Number	E-mail Address
Head of the College (Full time appointee)	Dr.J.Parasuraman	04322-261801	9842486891	04322-260224	parasuramansri@gmail.com

1.2. Academic Information:

- **UG/PG/Ph.D. programs offered in Academic year 2017-18 (Past 3 years and next 3 years)**

S. No.	Title of the Programs	Level (UG, PG, Ph.D.)	Duration (Years)	Year of starting	Sanctioned annual intake	Total Student Strength					
						Past 3 years			Next 3 years		
						2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
1.	B.Sc. Computer Science	UG	3 years	1993-1994	50	330	356	381	479	600	600
2.	B.Sc. Computer Science Addl. Sec. I	UG	3 years	1998-1999	50						
3.	B.Sc. Computer Science Addl. Sec. II	UG	3 years	1998-1999	40						
4.	B.Sc. Computer Science Addl. Sec. III	UG	3 years	2017-2018	60						
5.	B.Sc. Biochemistry	UG	3 years	1993-1994	40	04	20	38	50	100	100
6.	B.Sc. Microbiology	UG	3 years	1994-1995	50	52	101	134	141	150	150
7.	B.B. A.	UG	3 years	1995-1996	50	208	216	207	195	250	330
8.	B.B.A. (Additional Section – I)	UG	3 years	2008-2009	60						
9.	B. H. M.	UG	3 years	1994-1995	60	104	176	227	266	300	330
10.	B.Sc. Hotel Management & Catering Technology (Addl. Sec – I)	UG	3 years	2002-2003	50						

S. No.	Title of the Programs	Level (UG, PG, Ph.D.)	Duration (Years)	Year of starting	Sanctioned annual intake	Total Student Strength					
						Past 3 years			Next 3 years		
						2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
11.	B.Sc. Industrial Electronics	UG	3 years	1996-1997	40	0	0	0	0	0	0
12.	B.C.A.	UG	3 years	2007-2008	60	445	456	507	525	540	540
13.	B.C.A. (Additional Section – I)	UG	3 years	2007- 2008	60						
14.	B.C.A. (Additional Section – II)	UG	3 years	2008-2009	60						
15.	B.Sc. Biotechnology	UG	3 years	2000-2001	40	92	111	159	197	220	270
16.	B.Sc. Biotechnology Addl. Sec. I	UG	3 years	2002-2003	50	141	137	168	194	250	300
17.	B.Sc. Information Technology	UG	3 years	2000-2001	50						
18.	B.Sc. Information Technology Addl. Sec. I	UG	3 years	2001-2002	50						
19.	B.Sc. Information Technology Addl. Sec. II	UG	3 years	2007- 2008	60	360	374	418	480	520	600
20.	B.Com. (Computer Application)	UG	3 years	2008-2009	60						
21.	B.Com. (Computer Application) (Additional Section - I)	UG	3 years	2009-2010	60						
22.	B.Com. (Computer Application) (Additional Section - II)	UG	3 years	2010-2011	60						
23.	B.Com. (Computer Application) (Additional Section - III)	UG	3 years	2017-2018	60						

S. No.	Title of the Programs	Level (UG, PG, Ph.D.)	Duration (Years)	Year of starting	Sanctioned annual intake	Total Student Strength					
						Past 3 years			Next 3 years		
						2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
24.	B.Sc. Physics	UG	3 years	2004-2005	50	98	176	224	274	270	270
25.	B.Sc. Physics (Addl. Sec. I)	UG	3 years	2015-2016	40						
26.	B.Sc. Chemistry	UG	3 years	2010-2011	40	99	131	163	192	210	240
27.	B.Sc. Chemistry (Addl. Sec. I)	UG	3 years	2015-2016	40						
28.	B.Sc. Mathematics	UG	3 years	2010-2011	60	232	297	367	462	500	520
29.	B.Sc. Mathematics (Additional Section-I)	UG	3 years	2013- 2014	60						
30.	B.Sc. Mathematics (Additional Section-II)	UG	3 years	2016- 2017	60						
31.	B.Sc. Mathematics (Addl Section-III)	UG	3 years	2017- 2018	60						
32.	B.Sc. Visual Communication	UG	3 years	2003-2004	50	40	50	52	58	100	100
33.	B.A. English	UG	3 years	2008-2009	60	239	253	265	258	300	340
34.	B.A. English (Additional Section - I)	UG	3 years	2009-2010	60						
35.	B.A. English (Additional Section - II)	UG	3 years	2009-2010	60						
36.	B.Sc. Botany	UG	3 years	2017-2018	40	0	0	0	40	80	120
37.	B.Sc. Physical Education, Health Education & Sports	UG	3 years	2017-2018	60	0	0	0	30	90	180

S. No.	Title of the Programs	Level (UG, PG, Ph.D.)	Duration (Years)	Year of starting	Sanctioned annual intake	Total Student Strength					
						Past 3 years			Next 3 years		
						2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
38.	M.C.A.	PG	3 years	1995-1996	60	121	114	150	146	200	240
39.	M.C.A. (Additional Section – I)	PG	3 years	2006-2007	60						
40.	M.Sc. Computer Science	PG	2 years	1997-1998	30	77	68	64	64	100	120
41.	M.Sc. Computer Science (Addl. Sec. I)	PG	2 years	2015-2016	60						
42.	M.Sc. Biochemistry	PG	2 years	1995-1996	35	03	04	07	13	30	50
43.	M.Sc. Biochemistry Addl. Sec. I	PG	2 years	1999-2000	35						
44.	M.Sc. Microbiology	PG	2 years	1996-1997	35	27	21	19	24	50	70
45.	M.Sc. Microbiology Addl. Sec. I	PG	2 years	1999-2000	35						
46.	M.Sc. Industrial Electronics	PG	2 years	1997-1998	30	0	0	0	0	0	0
47.	M.Sc. Industrial Electronics (Addl. Sec. I)	PG	2 years	2002-2003	40						
48.	M.Sc. Biotechnology	PG	2 years	1998-1999	30	22	14	19	29	60	90
49.	M.Sc. Biotechnology (Addl. Sec. I)	PG	2 years	2000-2001	30						
50.	M.Sc. Biotechnology (Evening)	PG	2 years	2002-2003	30						

S. No.	Title of the Programs	Level (UG, PG, Ph.D.)	Duration (Years)	Year of starting	Sanctioned annual intake	Total Student Strength					
						Past 3 years			Next 3 years		
						2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
51.	M.B.A.	PG	2 years	1998-1999	60	143	100	112	125	200	240
52.	M.B.A. (Addl. Sec.I)	PG	2 years	2007-2008	60						
53.	M.Sc. Information Technology	PG	2 years	1999-2000	40	31	36	29	41	80	120
54.	M.Sc. Information Technology (Addl. Sec. I)	PG	2 years	2000-2001	40						
55.	M.Sc. Information Technology (Addl. Sec.II)	PG	2 years	2000-2001	40						
56.	M.Com. (Computer Application)	PG	2 years	2006-2007	35	43	65	69	69	70	70
57.	M.Com. (Computer Application) (Addl. Sec.I)	PG	2 years	2016-2017	35						
58.	M.Sc. Mathematics	PG	2 years	2013-2014	35	43	80	89	74	95	95
59.	M.Sc. Mathematics (Addl. Sec. I)	PG	2 years	2015-2016	60						
60.	M.Sc. Environmental Sciences	PG	2 years	1999-2000	24	0	0	0	0	0	0
61.	M.Sc. Gene Technology	PG	2 years	2000-2001	28	0	0	0	0	0	0
62.	M.Sc. Physics	PG	2 years	2003-2004	40	35	31	31	39	70	80
63.	M.Sc. Physics (Evening)	PG	2 years	2003-2004	40						
64.	M.Sc. Chemistry	PG	2 years	2003-2004	40	30	42	46	48	70	80
65.	M.Sc. Chemistry (Evening)	PG	2 years	2003-2004	40						

S. No.	Title of the Programs	Level (UG, PG, Ph.D.)	Duration (Years)	Year of starting	Sanctioned annual intake	Total Student Strength					
						Past 3 years			Next 3 years		
						2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
66.	M.Sc. Botany	PG	2 years	2004-2005	40	01	02	06	06	25	40
67.	M.A. English	PG	2 years	2004-2005	40	85	84	56	44	60	80
68.	M.S.W.	PG	2 years	2005-2006	35	0	0	0	0	0	0
69.	M.Sc. Organic Chemistry	PG	2 years	2008-2009	25	0	0	0	0	0	0
70.	M.Sc. Organic Chemistry (Addl. Sec. I)	PG	2 years	2008-2009	25						
71.	P.G.D.C.A. (Evening)	Diploma Course	1 year	2002-2003	50	0	03	05	0	10	10
72.	P.G.D.B.I. (Evening)	Certificate Course	1 year	2002-2003	50	0	0	02	0	10	10
73.	Certificate course in Functional English	Certificate Course	6 months	1995-1996	60	0	0	0	0	0	0
74.	Certificate course in Functional English (Addl. Sec. I)	Certificate Course	6 months	2003-2004	60						
75.	M.Phil. Computer Science	M.Phil.	1 year	2002-2003		44	44	36	22		
76.	M.Phil. Biochemistry	M.Phil.	1 year	2002-2003		02	02	0	01		
77.	M.Phil. Microbiology	M.Phil.	1 year	2002-2003		04	08	02	07		

S. No.	Title of the Programs	Level (UG, PG, Ph.D.)	Duration (Years)	Year of starting	Sanctioned annual intake	Total Student Strength					
						Past 3 years			Next 3 years		
						2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
78.	M.Phil. Biotechnology	M.Phil.	1 year	2002-2003		02	04	11	01		
79.	M.Phil. Physics	M.Phil.	1 year	2006-2007		21	21	29	11		
80.	M.Phil. Commerce	M.Phil.	1 year	2007- 2008		16	07	27	14		
81.	M.Phil. Management	M.Phil.	1 year	2007- 2008		09	16	21	09		
82.	M.Phil. Chemistry	M.Phil.	1 year	2007- 2008		13	14	15	11		
83.	M.Phil. English	M.Phil.	1 year	2007- 2008		16	22	20	15		
84.	M.Phil. Mathematics	M.Phil.	1 year	2015-2016		0	10	11	16		
85.	M.Phil. Botany	M.Phil.	1 year	2007- 2008		07	07	05	07		
86.	Ph.D. Microbiology	Ph.D.		2002 - 2003		01	01	02	02		
87.	Ph.D. Biotechnology	Ph.D.		2002 - 2003		01	01	-	-		
88.	Ph.D. Botany	Ph.D.		2007 - 2008		01	02	04	01		
89.	Ph.D. Commerce	Ph.D.		2007 – 2008		06	11	04	01		
90.	Ph.D. Management	Ph.D.		2012 - 2013		03	02	06	-		
91.	Ph.D. Computer Science	Ph.D.		2012 - 2013		04	-	-	-		
92.	Ph.D. Physics	Ph.D.		2015 - 2016		-	03	02	-		
93.	Ph.D. Mathematics	Ph.D.		2016 - 2017		-	-	01	-		

Whether College is Accredited? Yes

Grade : CGPA of 3.10 at A Grade

When : March 3, 2015

Accreditation Status of UG programs:

Title of UG Programs being offered	Whether eligible for accreditation or not?	Whether accredited as on 31st March 2017	Whether “Applied for” as on 31st March 2020
B.Sc. Computer science	Eligible	Yes accredited	Valid upto March 2 nd 2020
B.Sc. Information Technology	Eligible	Yes accredited	Valid upto March 2 nd 2020
B.C.A.	Eligible	Yes accredited	Valid upto March 2 nd 2020
B.B.A.	Eligible	Yes accredited	Valid upto March 2 nd 2020
B.Com.(CA)	Eligible	Yes accredited	Valid upto March 2 nd 2020
B.Sc .Mathematics	Eligible	Yes accredited	Valid upto March 2 nd 2020
B.Sc. Physics	Eligible	Yes accredited	Valid upto March 2 nd 2020
B.Sc. Chemistry	Eligible	Yes accredited	Valid upto March 2 nd 2020
B.Sc. Botany	Eligible	Yes accredited	Valid upto March 2 nd 2020
B .Sc .Industrial Electronics	Eligible	Yes accredited	Valid upto March 2 nd 2020
B.Sc .Biochemistry	Eligible	Yes accredited	Valid upto March 2 nd 2020
B.Sc. Microbiology	Eligible	Yes accredited	Valid upto March 2 nd 2020
B.Sc .Biotechnology	Eligible	Yes accredited	Valid upto March 2 nd 2020
B.Sc. Visual Communication	Eligible	Yes accredited	Valid upto March 2 nd 2020
B.Sc. Hotel Management	Eligible	Yes accredited	Valid upto March 2 nd 2020
B.A. English	Eligible	Yes accredited	Valid upto March 2 nd 2020
B.Sc. Physical Education, Health Education & Sports	Eligible	Yes accredited	Valid upto March 2 nd 2020

Accreditation Status of PG programs:

Title of PG Programs being offered	Whether eligible for accreditation or not?	Whether accredited as on 31st March 2017	Whether “Applied for” as on 31st March 2020
M.B.A.	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.C.A.	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.Sc. Biochemistry	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.Sc. Microbiology	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.Sc. Computer Science	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.Sc. Information Technology	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.Sc. Biotechnology	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.Sc. Gene Technology	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.Sc. Environmental Science	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.Sc. Industrial Electronics	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.Sc. Chemistry	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.Sc. Organic Chemistry	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.Sc. Physics	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.Sc. Botany	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.A. English	Eligible	Yes accredited	Valid upto March 2 nd 2020
MSW (2 years)	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.Com. (Computer Application)	Eligible	Yes accredited	Valid upto March 2 nd 2020
M.Sc. Mathematics	Eligible	Yes accredited	Valid upto March 2 nd 2020

1.3 Faculty Status (Regular/On-Contract Faculty as on March 31st, 2017) (Details of past 3 years and plan for next 3 years)

Faculty Rank	No. of Sanctioned Regular Posts	Present Status: Number in Position by Highest Qualification												Total number of contract faculty in position	Total Vacancies	Total number of contract faculty in position	
		Doctoral Degree				Masters Degree				Bachelor Degree							
		Engineering Disciplines		Other Disciplines		Engineering Disciplines		Other Disciplines		Engineering Disciplines		Other Disciplines					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15= (3+5+7+9+11+13)	16= (2-15)	17= (4+6+8+10+12+14)	
		R	C	R	C	R	C	R	C	R	C	R	C				
Asst. Prof. (2014-15)	143	-	-	19	-	-	-	122	-	-	-	02	-	143	0	-	-
Asst. Prof. (2015-16)	137	-	-	25	-	-	-	111	-	-	-	01	-	137	0	-	-
Asst. Prof. (2016-17)	164	-	-	31	-	-	-	131	-	01	-	01	-	164	0	-	-
Asst. Prof. (2017-18)	173	-	-	41	-	-	-	128	-	02	-	02	-	173	0	-	-
Asst. Prof. (2018-19)	185	-	-	50	-	-	-	135	-	-	-	-	-	185	0	-	-
Asst. Prof. (2019-20)	200	-	-	55	-	-	-	145	-	-	-	-	-	200	0	-	-

Prof = Professor, Asso.prof = Associate Professor, Asst.Prof = Assistant Professor,
R = Regular, C=Contract

1.4 Baseline Data (all data given for the following parameters to ALL disciplines (Past 3 years and projections for next 3 years)

S. No.	Parameters	Past 3 years			Projections for next 3 years		
		2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
1.	Total strength of students (UG/PG/Ph.D.) in all programs and all years of study in the year 2014-2020	3443	3678	4231	4739	5165	5629
2.	Total women students in all programs and all years of study in the year 2014-2020	2138	2339	2513	2675	2800	3000
3.	Total SC students in all programs and all years of study in the year 2014-2020	543	544	572	609	700	750
4.	Total ST students in all programs and all years of study in the year 2014-2020	-	-	-	-	-	-
5.	Total OBC students in all programs and all years of study in the year 2014-2020	2833	3190	3605	4173	4500	4500
6.	Number of fully functional P-4 and above level computes available for students in the year 2014-2020	345	372	372	375	390	400
7.	Total number of text books and reference books available in library for UG and PG students in the year 2014-2020	23683	25601	25934	26500	28500	30000
8.	Student-teacher ratio	1:24	1:26	1:26	1:25	1:25	1:25
9.	% of UG students placed through campus interviews in the year 2014-2020	1.3%	0.8%	0.8%	5%	5%	5%
10.	% of PG students placed through campus interviews in the year 2014-2020	-	-	-	2%	2%	2%
11.	% of high quality undergraduates (>75% marks) passed out in the year 2014-2020	35.77%	25.95%	24.87%	45%	48%	52%
12.	% of high quality postgraduates (>75% of marks) passed out in the year 2014-2020	24.81%	42.82%	35.86%	34.94%	45%	48%
13.	Number of research publications in Indian refereed journals in the year 2014-2020	37	47	23	50	75	90
14.	Number of research publications in International refereed journals in the year 2014-2020	108	104	61	100	125	150
15.	Number of patents obtained in the year 2014-20	-	01	-	-	-	-
16.	Number of patents field in the year 2014-2020	-	-	-	-	-	-
17.	Number of sponsored research projects completed in the year 2014-2020	-	-	01	02	02	02
18.	The transition rate of students in percentage from 1 st year to 2 nd year in the year 2014-2020 for: i) all students ii) SC iii) ST iv) OBC	i) 2% ii) & iii) 1% iv) 1%	i) 2% ii) & iii) 1% iv) 1%	i) 2% ii) & iii) 1% iv) 1%	i) 2% ii) & iii) 1% iv) 1%	i) 2% ii) & iii) 1% iv) 1%	i) 2% ii) & iii) 1% iv) 1%
19.	IRG from students' fee and other charges in the year 2014-2020 (Rs. In lakh)	38,00,000	42,00,000	25,00,000	35,00,000	39,00,000	45,00,000
20.	IRG from externally funded R&D projects, consultancies in the year 2014-2020 (Rs. In lakh)	-	3,40,000	4,80,000	6,00,000	8,00,000	10,00,000
21.	Total IRG in the year 2014-2020 (Rs. In lakh)	38,00,000	45,40,000	29,80,000	41,00,000	47,00,000	55,00,000
22.	Total annual recurring expenditure of the College in the year 2014-2020 (Rs. In lakh)	-	6,62,46,347	7,16,60,848	6,78,80,000	7,00,00,000	7,100,00,000

COLLEGE DEVELOPMENT PROPOSAL (CDP)

2.1 Give the Executive Summary of the CDP.

The College Development Plan is a blueprint for future action. As required a SWOT analysis was made based on peer-review and stakeholder feedback on vital parameters of quality. Questionnaire was used for data collection. The sample included teachers, students, alumni, employers, parents and the local elite. The responses were tabulated and statistically interpreted. The present strategic plan based on the SWOT analysis is the product of stakeholders' views especially the teaching fraternity and the peer groups that undertook the annual academic and administrative audit during the past three years.

The Plan seeks to sustain and build on our strength, remove weaknesses, make capital out of opportunities and anticipate and manage the challenges.

The following are the corner stones of the strategic plan.

- Infrastructure maintenance and update
- Forging closer ties among stakeholders
- Revision of curricula and syllabi for various courses
- Greater accent on research and skill-based learner-centered approaches
- Keeping closer track of students' progression into further studies and employment
- More academic and monetary benefits to retain existing staff and attract new talent
- Greater contact with funding/research agencies
- Efforts to maintain the existing eco-friendly environment
- Greater academic interaction with peers through seminars, conferences etc
- More number of MoU's to facilitate greater institution-industry interaction
- Employability improvement coaching through the Placement Cell
- Goal specific functional training programmes for technical and administrative personnel

- More meaningful research, orientation and supervision through the Research Committee that will be made more broad based and entrusted with the task of identifying talent, overseeing guidance and progress and exploring prospects of funding
 - A database on current senior students and previous batches will be created to keep track of alumni and facilitate frequent meetings of old students
- The IQAC will monitor the implementation of this College Development Plan through periodical review meetings.

2.2 Provide the details of SWOT analysis carried out (in terms of methodology used, analysis and information and data as collected and inferences derived with respect to strengths, weaknesses, opportunities and threats).

- Based on SWOT analysis, provide the “strategic plan” developed for College development.
- How the key activities proposed in the College Development Proposal are linked with the results of SWOT Analysis.

SWOT Analysis

Strength

1. Infrastructure:

The College has state of the art infrastructure and learning resources

Strategic Plan: To maintain the infrastructure facilities in the years to come and improve them in tune with changing needs the possible outcome is

- Students will be made aware of recent technological developments in their respective disciplines.
- They will be trained to handle modern equipments.
- The spaced administration of assignments and task sequences will improve students’ managerial skills particularly planning and organizing skills .

- Lab to land system will be implemented. The rural people will be benefited by the awareness of the modern technologies and as a result they will make use of them for their progress both in the economic and social fields.
- Sports infrastructure will enable the students to perform well at higher levels.
- This will enable the students to get employment as soon as they complete their programmes in the College.

2. Green Environment :

The whole campus has a green ambiance. This is evident from statistical analysis and also from direct observation. The College has put in place a fairly comprehensive rain water facility. It has also explored sources of renewable energy by establishing a solar energy system.

Strategic Plan: Such an eco friendly environment will be sustained and it will be improved by planting more number of saplings every year.

- The green environment will provide a conducive atmosphere for the teaching - learning process.
- This will contribute to health and hygiene.
- This will develop eco-awareness in the minds of the students to create the same greenery wherever they reside, thereby making them messengers of the national mission- Swachh Bharath.
- Tree planting and nurture will offset the evils of deforestation and reduce global warming.

3. Participatory and financially sound Management :

The Karpaga Vinayaga Educational Trust is assessed to be well managed a large number of respondents.

Strategic Plan: The Management has a far sighted vision to improve the status of the College so as to make it a **Centre of Excellence** for higher education.

- Budget allotments to various departments will be made well in advance.

- Monetary rewards to faculty members encourage them to achieve better in academic and research fields.
- Monetary benefits such as yearly increments, festival advance, etc. will be continued.
- The Executive Trustee of the KVET Continues to be a faculty of the college. Hence quick decision making is possible.
- Full involvement of the Management will encourage the faculty members to do their best.
- Scholarships offered by the Management will be continued.
- Unexpected expenditure (Ad hoc requirements) will be promptly met then and there.
- Both the participatory nature and financial soundness of the Management will enable smooth functioning of the College.

4. Seminars, Conferences and Workshops:

Quite a good number of guest-lecture programmes, Seminars, Conferences and Workshops are conducted every year by various departments as evident from the statistical survey.

Strategic Plan: Such seminars and workshops will be continued in future also.

- Eminent scholars and scientists from academic, industrial and technical fields will be invited to address students.
- Seminars or Conferences will be organized in the College and students from neighboring colleges will be invited to participate in them. This will enable the students to develop managerial skills.
- Similarly our students will participate in the Seminars, Workshops, Conferences and Competitions (Essay, Oratorical and Quiz) held in other colleges and in our College. This will develop their communication, presentation and writing skills.

5. Innovative Programmes:

The College has started a number of new programs that are relevant locally and that will fetch employment to our students. The major based, skill based elective courses and the inter disciplinary courses in the UG programmes and the elective courses in the PG programmes are carefully chosen to ensure employability and promotion of the requisite skills. Every effort is taken to impart a wide spectrum of skills and competencies through modulating classroom strategies and tasks related to continuous internal assessment.

Students of B.Sc. Hotel Management and Catering Science are taught Hindi under Part 1 Language from the Academic Year 2017 – 2018.

Strategic Plan: Such new programs and more number of innovative programmes at UG, PG, Certificate and Diploma levels will be continued in future also.

- Students will be employed as soon as they complete their studies.
- They will be well versed in the emerging fields.
- The local rural people will also be benefited because the courses are locally relevant and certificate courses in culinary art, baking etc., are offered as add on courses to non catering students.

6. Dynamic, Young and Dedicated Faculty :

The members of the faculty are quite young. Hence they are dynamic too. They are also a dedicated lot. This is quite evident from the list of the members of the faculty. We have well-qualified teachers and there are a number of Ph.D. holders also. Quite a few of them are doing doctoral research.

Strategic Plan: The faculty will be aided to develop and improve their qualification. They will be encouraged to do Research. Monetary help will be provided.

- Academic planning will be well in advance.
- The execution of such plans will be very smooth.
- The dedicated teacher will inspire and motivate the students.
- Such teachers will be role models to students.
- Such teachers will make the maximum use of the teaching and learning resources available in the College.

7. Publications:

The Faculty and Research Scholars get their research articles published in journals of high repute.

The College publishes Quarterly Journals in the field of Biological science - (RJOBS) Research Journal of Biological Sciences (included in the list of journals by UGC) and Journal of Financial Services and Management (JFSM).

The Departments of Tamil and English prepare text books of their own for UG Part I Tamil and Part II English. Students of B.Sc. Hotel Management and Catering Science have separate text books under part II English. Those books are also prepared by the Department of English.

Strategic Plan: Faculty will be encouraged to publish a greater number of articles in national and international journals. Monetary incentives will be provided.

The faculty will prepare modular materials for various courses as needed.

The faculty will prepare texts for subjects like Environmental Studies, Value Education and Gender Studies.

- The faculty will improve their knowledge in the fields of their study.
- Students will have printed materials to assist them in the learning processes and trigger them to library- use.

8. Accredited Status of the College:

The College has undergone three cycles of Accreditation by NAAC ('A', Grade CGPA - 3.1).

It has been granted credited with Autonomous status from the Academic year 2012 – 2013.

Strategic Plan: The College will seek to sustain and improve upon the accreditation status already received. It will undergo further reaccreditation by NAAC every five years and go in for extension of autonomy after six years and then after every five years (as per the new Guidelines). The College will continue to be assessed by Academic and Administrative Audit (AAA) every year.

The stakeholders will continue to value the quality of the institution.

- The education offered by the College will become relevant to social needs and reflect national policy.
- The candidates pursuing higher education will prefer accredited institutions.
- The College may receive more research grants from various funding agencies, which in turn will improve quality.
- For Autonomous Status and for its extension NAAC Accreditation and Reaccreditation is a pre-condition.
- The college will try to sustain and surpass existing standards of quality.

9. Conduct of Examinations and Publication of Results

It is evident that the students are highly satisfied with the conduct of examinations and publication of results.

Strategic Plan : Preparation of academic calendar which enables systematic implementation of day to day activities, issue of flexible exam time table well in advance and publication of results in time on college website and present system of grievance redressal like instant examinations, re-totaling and revaluation will be continued.

- Academic calendar enables the students to be aware of college activities well in advance
- There is a time-gap between examinations in one subject and another
- Students will prepare well for the examinations
- Enables publication of results in time. This facilitates student progression to higher education and employment
- On-line publication of results helps the students and their parents know the results in time
- Provision for instant examination and revaluation gives opportunity for students to complete their programmes in time
- These activities boost the good will the institution enjoys in society and in turn more number of students will be enrolled year after year.

10. Interaction with Industry

There is a healthy interaction with industry in our College. This is evident from the industrial visits and the interviews held in the College and the internship training offered periodically as proved from the data collected from the students.

Strategic Plan: Increasing Internship training of students through collaboration with various industries provides direct practical exposure to learners.

At present the students of B.Sc. Hotel Management and Catering Science undertake internship training every semester and this fetches 100% employment to those students.

- Practical exposure can be obtained directly from people in the industry
- This practical exposure helps the students understand the subject-related jargon quite easily.
- The gap between academia and industry will be reduced
- More number of industrial visits will be arranged
- More number of Off - Campus programmes will be organised
- Students themselves will find suitable industrial units in which to do their project work
- Placement opportunities will be enhanced
- Curriculum will be enriched co-opting professionals from industries as members of the Boards of Studies
- More number of MOU's can be entered into
- Eminent scientists, scholars and administrators from industries will be invited as resource persons for seminars, conferences and guest lecture programmes. This will enable the students to identify their areas for future research.

Weaknesses :

1. Lack of easy opportunities for research funding, the institution being self-financing. The stipulations of funding agencies like the UGC are more favourable to Government or Government aided institutions. Though the College has obtained assistance from agencies like DST, DBT etc., they could have been more liberal had the rules been more favorable.

2. Predominance of first generation and slower learners from BPL families in the student population. These learners lack confidence This affects their skills-level and academic performance. The College implements Bridge courses but problems continued to linger.
3. There are problems in staff retention. Many staff members leave the College when they get selected by the Government or University Departments. Women staff leave when they relocate after marriage. This leads to the need for fresh recruitment and training of new staff.

Strategic Plan : Greater involvement of the Research Committee in initiating, overseeing and encouraging research activities in the campus is contemplated.

There will be tie-up with industries and research institutions. Sponsorships will be tried out and more research proposals in interdisciplinary and socially relevant areas will be drafted, peer-reviewed and submitted to funding agencies.

To help out slower learners, they will be put through additional tasks of a remedial nature and the assignments under CIA made more elastic.

Staff will be retained through additional incentives - academic and monetary.

Opportunities

1. Autonomy facilitates flexibility in course-design and implementation. This helps accommodate learner aptitude and teacher quality in tune with local conditions, though the College is equally anxious to preserve academic standards in consonance with the affiliating university and peer institutions.
2. From autonomy the College can progress towards the status of a College with Potential for Excellence or that of a Deemed University. This would inspire greater efforts in quality sustenance and enhancement.
3. There is the possibility of attracting a large number of inter-state and international students for various UG/PG and research programmes. The college has a fair percentage of such students especially in the research scholar category. They are hoped to become quality/brand ambassadors to bring more such students.

4. The alumni of the College are positively associated with it. They award medals to rank winners in university examinations, visit the College as recruiters or resource persons. This asset should be put to greater use through more frequent interactions.
5. With the introduction of revised curricula and syllabi, it has become imperative to have collaborations with peer institutions and professional bodies. Autonomy has facilitated the process. This will open up new avenues for employment and research.

Strategic Plan : The opportunities will be tapped to offset the weaknesses and challenges. The curricula and syllabi will be updated to be on par with those in institutions of excellence without compromising on local needs.

Challenges (Threats)

Every challenge is an opportunity but it requires clever management.

1. Placement has not been as quick as desired. Campus interviewers prefer metros to suburban towns. But the College is steadily gaining recognition though campus selections elsewhere in peer institutions account for the majority of placements obtained by our students. This has to be met through suitable lobbying and equipping learners to reach employer-expectations.
2. The College has a good many MoU's – many of them informal, for project work. But the rural location is a problem here too. But the College has promoted itself through sheer effort and quality enhancement. The departments of Hotel Management & Catering Science and those in life sciences have been quite successful in getting internship and placement opportunities. The other department will have to follow.
3. The availability to staff to handle skill-based elective papers and IDC's is also a problem. Our faculty learn and teach such papers and take the assistance of professionals to cover some units. The management encourages teachers to undergo requisite courses and training programmes to equip themselves and explore avenues for MoU's with peer institutions and professional bodies in this regard.
4. Staff retention is also one of the challenges. Some of the staff leave when they get government service. Lady staff members leave on relocation after marriage. But for this, there is staff retention ensured by regular incentives, facilities for undertaking research, study leave, sabbatical leave etc.

Strategic Plan : The Challenges and Weaknesses will be converted into opportunities. Employer expectations will be accommodated in course design and evaluation strategies. More number of MOU's will be entered into with industries and research institutions as well as with professional bodies for greater interaction and mutual benefit.

- 2.3 State the specific objectives and expected results of your proposal (in terms of, “College strengthening and improvements in employability and learning outcomes of graduates”. These objective and results should be linked to the SWOT analysis.**

Strengthening the College

S.No.	Objectives	Expected Results
1	Improve Infrastructure	Better learning ambience
2	Update curricula and courses	Greater social/national/global relevance and employability
3	Improve Teacher quality	Better knowledge delivery and inspirational guidance.
4	Closer ties with all stakeholders	Better Social Standing and public goodwill

a. Improvement in Employability

S.No.	Steps	Expected Outcome
1	New Skill/Major based electives	Exposure to recent applications and technology
2	Add-On Parallel/Concurrent Courses	Enhanced learning and Employability
3	Greater ties with Industries	Facilitation of Project work and Placement
4	Training for Competitive Examinations	Employability improvement and Employment
5	IAS Coaching Centre	Placement at higher levels

b. Learning Outcomes of the Graduates

S.No	Steps	Expected Outcome
1	Skill based instruction	Greater Employability
2	Introduce/Strengthen Project Work	Research orientation & academic progression
3	Learner Centered teaching strategies	Promotion of study/reference skills
4	More elastic CIA tasks	Facilitates learners working at their own pace

2.4. Provide an Action Plan for :

- a) **a. An Academic Plan which includes courses proposed and student's admission policy and plan**

In addition to the existing courses, the College plans to introduce courses which will increase the employability of the students, and are relevant to the needs of the local community.

At present we plan the following PG courses in which the college now offers UG courses. Several batches of students have completed these UG courses successfully.

1. M.Sc. Hotel Management & Catering Science
2. M.Sc. Visual Communication

Research programmes in the following subjects are contemplated

1. Ph.D. in Chemistry
2. Ph.D. in English

The College also plans to start the following UG courses

B.Sc. Mathematics with Computer Applications

B.B.A. with Computer Applications and other such courses depending on the demand in the employment market

The following Skill based Electives are proposed for UG courses in Biological Sciences.

1. Mushroom Technology and Value addition
2. Organic Farming
3. Vermiculate technology
4. Sports Biochemistry
5. Nursery Technology
6. Horticulture and Landscape designing

Admission Policy

Regarding student-admission policy, the College meticulously follows the rules and regulations laid down by the government and the parent university. Sports quota is allotted in admissions. Sports persons who have acquired form-2 are given 100 % fee concession and for form-3 holders 50 % concession is offered. Fee Concessions are granted to alumni in their PG and M.Phil. Programmes.

Study of the major subjects in the Higher Secondary Course (HSC) is insisted on in UG admissions. However inter-disciplinary courses like biotechnology, biochemistry & Microbiology are an exception because such courses are not available at the HSC level

a) A Faculty Recruitment Plan in keeping with the proposed academic plan

The recruitment of faculty for the proposed courses namely M.Sc. Hotel Management & Catering Science, M.Sc. Visual communication, B.Sc. Mathematics with Computer Applications and B.B.A. with Computer Applications is based on the required qualifications laid down by the UGC and University –namely, Ph.D./M.Phil & pass in SET or NET.

After getting the approval of the Governing Body of the College for recruitment of new faculty, advertisements for the required posts will be given in the leading dailies.

Interview will be conducted by the Staff Selection Committee of the College including a member from the Management. The candidates will be tested in their subjects and in the areas of specialization.

The recruited faculty will be allotted suitable subjects. There will be close monitoring of performance through peer and student feedback.

c. Implementation of academic and non- academic reforms

The students of B.Sc. Hotel Management & Catering Science study Hindi under Part I – Language. It is made mandatory since Hindi happens to be the link language throughout India and the national language and is spoken by a large number of Indians and is understood by most of the Indians in all states particularly in the Northern States. Our Hotel Management and Catering Science students will have employment opportunities throughout India if they learn Hindi.

Internship training during all semesters is mandatory. This helps them get employment as soon as they complete the course. Guest Lecture Programmes are organized inviting eminent scholars and scientists from industrial and research institutions of repute.

All PG students have to do project work in their final semester. The students of B.Sc. Computer Science and Computer Applications also do project work at the UG level. There are regular off-campus programmes for B.Sc. Visual Communication and M.B.A. courses.

ICT tools are effectively used in the teaching-learning process. The Campus is WiFi -enabled. All the students have supervised internet hours in their time-table. So students learn through internet. Faculty can make use of the internet to improve their teaching acumen. Practical classes are conducted online using relevant software like BLAST, FASTA, PROTPARAM, EXPASY, GENMARK, SOPMA, SWISSPDB Viewer, RASMOL and JMOL.

Teachers have to plan their lessons in advance by writing their lesson-plans. They are monitored by the HOD's and the Principal.

Faculty Development Programmes (FDP) are conducted once a year and eminent resource persons are invited to address the faculty. Internal FDP is conducted once a month.

Bridge courses are conducted for the UG freshers to bridge the gap between HSC studies and studies in Higher Education. Separate modules are prepared. Pre and Post tests are conducted. Modular teaching is practised. Text books for Part – I Tamil and Part II– English are published through the Publication Section of the College.

Feedback is obtained from students, teachers and stakeholders and necessary steps are taken to improve teaching.

Attendance, behaviour, and performance under Continuous Internal Assessment (CIA) are closely monitored. Remedial coaching classes are organized for slow learners. Team Teaching is also adopted for them.

Non-Academic Reforms

All the units of the NSS organize regular and special camps, adopt villages and do social service through awareness programmes, Swatch Bharath etc., Blood donation camps are arranged almost every term. The Red Ribbon Club (RRC), Rotaract, Women Empowerment Wing and Youth Red Cross (YRC) provide additional avenues for extension activities. Such activities will be made more socially significant by involving the local population in identifying felt needs and allowing local youth to work along with our students in such camps. Students will be advised to try out special coaching for slower learners in nearby Panchayat and Municipal schools to prevent dropouts.

d. Plan for Strengthening Research, Teaching and Extension Activities

Staff are motivated to do Ph.D. Research. Productivity-incentives are offered and a sum equal 10 % of the research grant obtained is given to the faculty member as incentive by the Management out of its own funds. Facilities like increment in salary and sabbatical leave are available to the faculty doing research. Financial incentives are offered to the faculty who are guiding research scholars for both M.Phil and Ph.D. The research scholars are motivated to do their research in the College Campus itself. They will benefit from the National, International & State Level Conferences/Seminars/Workshops conducted by the Departments individually and jointly in the case of Biological Sciences and Computer Science Departments. Paper Publication in reputed journals will be encouraged through financial incentives. New Courses like Ph.D. in Chemistry & in English will be introduced in addition the existing programmes in the coming years Free internet facility is available. The campus is Wi-Fi enabled. Interdisciplinary proposals for Applied Research are encouraged. Research has to be locally significant and in the emerging fields. Obtaining Intellectual Property Rights (IPR) that is patent/copyright, is encouraged for the research output in the College.

Internship training to B.Sc. Hotel Management and Catering Science students in all semesters is a must. Off campus programme are arranged for B.Sc. Visual Communication and M.B.A. Students. The number of activities mentioned in 2.4.C may be considered as plan for strengthening teaching & extension activities.

e. Plan for Academia and Interaction with Industry

All the students of Post-Graduate courses have project work. They do their project work in industrial and scientific institutions. Students in UG courses like B.Sc. Computer Science & B.C.A have project work. They too approach industries and other institutions for doing their project work. Academic tours to world renowned institutions are arranged at least once a year. Compulsory in-plant training with credits is proposed to be included in the new curriculum. MoU's have been signed with a number of institutions. More are to follow. There will be greater participation by staff in areas like health and hygiene, adult literacy, prevention of social evils, gender sensitization and eco-friendly industrialization. There will be greater accent on studies covering issues like pollution, labour welfare, industrial peace and socially - conscious practices in industry. Internship for students is to encouraged and increased in duration and frequency. Faculty will advise the students and help them through their contacts and connections with the industrial institutions.

2.5. Measuring Outcomes

a. Improving Employability of Graduates through Placement Cells

Special coaching classes will be conducted for the students appearing for competitive examinations like those conducted by the TNPSC, UPSC, IBPS, etc. Periodical lectures will be arranged on Personality Development, Character Building and Soft Skills. Communication skills will be developed with the cooperation of the Department of English, Leadership qualities and confidence will be inculcated the rough suitable tutorials and participatory team building strategies.

There will be a Special Notice Board for the Placement Cell to highlight available opportunities. There will be a reference library for the Placement Cell, so that students may have easy access to required books. The Placement Officer will maintain healthy relationship with the Employment Exchange, and his peers elsewhere. The Placement Cell will have a computer of its own with internet access and scanning and printer facilities.

b. Increased Learning Outcomes of the Students

Pass percentage has increased. More number of students get first class and many pass with distinction also. There is a larger number of University Rank holders. There is a consistent improvement in student performance from the first semester to the sixth in UG and

in PG the students exhibit good performance even from the first semester itself. After completing the course, students get placements. A number of campus interviews are held. Feedback from alumni, teachers and stakeholders helps a lot in forging strategies for improving the skills of the students. There is great demand for admission to PG courses and research programmes. This reveals the success of the departments at UG level. There are a number of research publications by the research scholars in renowned journals which have high impact factor. These publications have citation index too. Student project work receives assistance from funding agencies like TNSCST. Students are involved in the club activities of the department such as Jenner Club, Wilmut Club, etc. They are involved in co-curricular activities like Conferences, Seminars and Workshops. National or international conferences are organized with funds from various funding agencies like DST, DBT, CSIR, ICMR, and the ICSSR.

In the coming years the CIA schedule will be tightened with due regard to gradation of difficulty levels and flexibility, so that students can opt for a larger number of tests and assignments under the guidance of teachers. The result is that the intelligent learner completes the process quicker than the average or slower learner who will get a greater time span to reach the desired terminal behaviour. Question paper reforms are to be introduced to ensure acquisition of skills and not mere mugged up learning. Sufficient training is to be provided through answering question banks of graded difficulty levels. More number of employment oriented papers will be introduced among the elective courses for both UG and PG.

c. Improving Teaching, Research and Quality through Faculty Evaluation and Student Feedback

The institution practises peer and student feedback and self evaluation by faculty. Feedback is processed and suggestions, when warranted, are given to individuals concerned to modify and improve their teaching methods. Senior faculty give remedial counseling on improving teaching ability.

Notes of Lessons of the faculty are closely monitored. Necessary instructions are given to the faculty concerned. Classroom teaching is also monitored. Corrections, if any, are pointed out separately. In this way the staff achieve mastery over the subject and ensure soundness of the teaching methodology.

The Research Committee looks into the proposals for research and the quality of the reports submitted. Minor and Major Research Projects are prepared by the Departments. They will be sent to various funding agencies. Research articles will be sent to journals of repute-both national and international - for publication. Guest lectures by eminent scholars, scientists and industrialists and Conferences/Workshops/Seminars at State, National and International levels may help in arriving at appropriate research topics/methods.

2.6 Provide an action plan for organizing a Finishing School and for improving the academic performance of SC/ST/OBC/academically weak students through innovative methods, such as remedial and skill development classes for increasing the transition rate and pass rate with the objective of improving their employability.

A Finishing School strategy will be developed to ensure the development of learners' personality through various programmes such as teaching, soft skills, communication skills, value based education, concentration on character and discipline, insistence on proper behaviour inside the College and outside, importance to social service through NSS and other clubs like YRC, Rotaract, Women Empowerment Wing, etc.

The SC/ST/OBC/ academically weak students would be helped through micro teaching, team teaching, peer teaching, and a larger number of assignments and tests, programmed materials, task sequences, immediate feedback, motivational talk, due recognition and personalized instruction through the tutorial system.

2.7 Attach a summary of Training Needs Analysis carried out. Also, provide Faculty Development Plan for the first 18 months for improving their teaching, subject area and research competence based on Training Needs Analysis in the following areas.

The College offers Faculty Development Programmes as a motivational tool every semester. These sessions are followed by feedback. The training needs of the staff are then identified and corrective measures initiated like training in computing skills and multimedia use, application of statistical packages like TALLY and SPSS. These programmes are conducted by eminent resource persons from outside. Inter group faculty development programmes are organized internally twice a month on Saturdays. They are monitored by conveners and heads of the departments.

The staff are encouraged to take up specialized diploma/degree courses in specific areas such as Nanoscience, Bioinformatics etc. They will continue to be given incentives to attend in-service refresher and orientation courses organized by the Academic Staff Colleges of various universities.

Annual increments will be commensurate with the participation in seminars, workshops, conferences, etc.

Ample facilities will be provided like study leave for staff who seek to improve their qualifications.

The staff are encouraged to register for part-time research in the institutions of their choice.

The Research Committee will organize general and faculty-wise brain storming sessions to arrive at possible areas/topics for socially relevant research. It will organize workshops and group discussions to hone the research capabilities of the faculty/students.

Over the next eighteen months the following activities are proposed.

a. Basic and advanced pedagogy

- Intensive training to younger staff in the use of ICT
- Guest lectures on the modalities of communicative and communicational teaching, programmed learning, micro teaching, team teaching and error analysis and remediation
- Exposure to topics on educational psychology, inclusive education, testing and evaluation methods through expert lectures and demonstrations

b. Subject/Domain knowledge enhancements

- Departmental and interdepartmental lectures on specific interdisciplinary areas
- Lectures by experts on topics in emerging areas
- Competitions among faculty members in preparation of teaching materials for imparting knowledge on current topics

c. Attendance in activities such as Workshops, Seminars etc.

- The existing incentives for participation in such activities like leave on other duty, reimbursement of registration fee etc. will be continued
- HoD's will motivate their staff to participate in such workshops and seminars

d. Improvement in faculty qualification

- Motivate younger staff to enroll as doctoral scholars in our own and peer institutions
- Provision of travel grants to visit libraries/institutes of repute to collect data on topics of research
- Senior faculty will be asked to discuss the research topic with the scholars and share their expertise with them

e. Improving research capabilities

- Those with requisite qualifications will be encouraged to enlist as research guides
- Seed money grants will be extended for preparing research proposals
- College Research Committee will meet atleast once a month to monitor the progress of the research activities in the Campus
- The Committee will also motivate staff to apply for research grants from funding agencies for individual research as well as the conduct of Seminars, Symposia, Conferences, Workshops etc.
- A seminar on Research Methodology including training in use of statistical software's will be organized

2.8 Provide an Action Plan for Training Technical and Other Staff in Functional Areas

The administrative and technical staff are trained and sensitized to the academic procedures, rules and regulations. They are trained in soft skills, communication skills, job requirements. There will be joint evaluative sessions on the performance of technical staff based on the feedback of stakeholders and peer and individual perception. Greater facility in horizontal and vertical communication will be provided for the efficient working of the technical staff.

2.9 Describe the relevance and coherence of College Development Proposal with State's/National (in case of CFIs) Industrial/Economic Development Plan.

The CDP has been prepared to be in sync with state policy. The curricula and courses strike a balance between local/National/Global trends in demand for human resources. The methodology is skill-based harmonizing employability with research orientation. The extension activities and consultancy services are off-shoots of state policy on rural regeneration, employment generation and poverty alleviation and movements like Make in India and Swacchh Bharat. These activities will be reviewed from time to time to be in tune with programmes launched by the state and central governments from time to time. This review is part of the institutional culture because we firmly believe that HEI's exist only for the society, the nation, and humanity at large. This is evident from our past record. The mission statement of the College is itself oriented to National Goals. The objective is to provide knowledgeable and skilled human resource to perform various roles in the overall growth of our nation. This is evident in the social outreach and extension and consultancy activities undertaken by the faculty and students and the constructive interaction of the institution with the community it serves.

2.10 Describe briefly the participation of departments/faculty in the CDP preparation

All the members of the faculty have had a share in the preparation of the CDP. The IQAC has finalized it based on the input from various departments and feedback from students and stakeholders.

The CDP has been prepared with the involvement of all the members of the staff. This transparency will help better and effective implementation of the CDP. There will be periodical review meetings to assess the performance achieved, identify shortfalls in achievement and chalk out strategies for the future. Constructive ideas will be given due recognition in order to reach peaks of achievement.

2.11 Describe the College project implementation arrangements with participation of faculty and staff.

The following arrangements are made to ensure proper implementation of the CDP.

- IQAC as monitor and reviewer
- Periodical Department/Staff meetings to keep up the tempo and also as stock-taking
- Greater monitoring of research activity by the Research Committee to ensure quality
- More liberal investments in library/lab equipment and incentives to deserving scholars
- The extension of the system of awards to rank winners and staff who achieve 100 % results in specific papers/courses
- Previous planning of guest lectures conferences etc., month wise / semester wise
- Active use of question banks and modular materials
- Greater e-learning facilities
- Obtaining periodical feedback from stakeholders

2.12 Provide an College Project budget as per table below: Financial Plan for College (Rs. In Crore)

Sl. No.	Activities	Plan Life Allocation (2013-14)	2014-15	2015-16	2016-17	2017-18	2018-19
1	Infrastructure	2.19	2.44	1.22	2.26	2.49	2.73
2	Modernization and strengthening of laboratories	0.009	0.01	0.021	0.54	0.59	0.65
3	Establishment of new laboratories for existing UG and PG programs and for new PG programs	0.026	0.029	0.028	0.031	0.034	0.038
4	Modernization of classrooms	0.0042	0.0047	0.0062	0.0078	0.0086	0.0095
5	Updating of Learning Resources	0.017	0.019	0.019	0.019	0.021	0.023
6	Procurement of furniture	0.113	0.126	0.003	0.002	0.0022	0.0024
7	Establishment / upgradation of Central and Departmental Computer Centres	0.099	0.11	0.22	0.21	0.23	0.25
8	Modernization and strengthening of libraries and increasing access to knowledge resources	0.020	0.022	0.061	0.047	0.052	0.057
9	Modernization and strengthening of libraries and increasing access to knowledge resources	-	-	-	-	-	-
10	Refurbishment (Minor Civil Works)	0.137	0.154	0.133	0.136	0.150	0.165
11	Research and development support	0.038	0.042	0.025	0.035	0.039	0.045
12	Providing Teaching and Research Assistantships to increase enrolment in existing and new PG programmes in Engineering disciplines	-	-	-	-	-	-
13	Provision of resources for research support	0.015	0.017	0.018	0.019	0.021	0.023
14	Enhancement of R&D and College consultancy activities	0.34	0.38	0.025	0.04	0.04	0.05
15	Faculty Development Support	0.006	0.007	0.007	0.008	0.009	0.010
16	Faculty and Staff Development (including faculty qualification upgradation, pedagogical training and organizing / participation of faculty in workshops, Seminars and Conferences) for improved competence based on TNA	0.014	0.016	0.017	0.017	0.019	0.020
17	College reforms	0.018	0.02	0.022	0.024	0.026	0.029
18	Technical assistance for procurement and academic activities	0.150	0.167	0.173	0.186	1.200	0.225
19	College management capacity enhancement	0.43	0.48	0.48	0.48	0.53	0.58
20	Academic support	3.03	3.36	3.81	3.67	4.04	4.44
21	Creation of new departments/courses	0.030	0.033	0.027	0.023	0.025	0.028
22	Enhanced interaction with industry	0.013	0.014	0.015	0.012	0.013	0.015
23	Student support activities	1.17	1.30	1.37	1.30	1.43	1.57
	Others	-	-	-	-	-	-
	Total	7.8692	8.7507	7.7002	9.0668	10.9698	10.9569

2.13 Measurement Index for College Performance

Indicator	Weightage	Present Rating	Present Score	Target Rating	Target Score
GOVERNANCE QUALITY INDEX – 16%					
% of Faculty Positions, vacant	2.0%	E	2.0%	-	-
% of Non-permanent faculty	4.0%	G	3.0%	E	1%
% of Non-teaching staff to teaching staff	3.0%	E	3.0%	-	-
Total no. of under graduation programs	1.0%	G	0.75%	E	0.25%
Total no. of post graduate programs	1.0%	G	0.75%	E	0.25%
Total no. of doctoral programs	1.0%	G	0.72%	E	0.28%
Faculty appointment – turn around/cycle time in months	2.0%	E	2.0%	-	-
Delay in payment of monthly salary payment of faculty	2.0%	E	2.0%	-	-
ACADEMIC EXCELLENCE INDEX – 21.5%					
Delay in exam conduction and declaration of Results	3.5%	E	3.5%	-	-
Plagiarism Check	1.0%	-	-	E	1.0%
Accreditation	4.0%	G	3.08%	E	0.82%
Teacher Student ratio	4.0%	E	4.0%	-	-
% of Visiting professors	1.0%	G	0.5%	E	0.5%
% of graduates employed by convocation	0.5%	G	0.4%	E	0.1%
% Number of students receiving awards at National and International level	0.5%	G	0.3%	E	0.2%
% of expenditure on Library, cyber library and laboratories per year	1.0%	G	0.8%	E	0.2%
Ratio of expenditure on teaching staff salaries to non-teaching staff salaries	1.0%	E	1.0%	-	-
% of faculty covered under pedagogical training	1.0%	E	1.0%	-	-
% of faculty involved in “further education”	0.5%	G	0.4%	E	0.1%
Dropout rate	1.5%	G	1.3%	E	0.2%
No. of foreign collaborations	1.5%	-	-	E	1.5%
Subscription to INFLIBNET	0.5%	E	0.5%	-	-
EQUITY INITIATIVE INDEX – 12.5%					
SC Student %	3.0%	B.A	2.5%	E	0.5%
ST Student %	3.0%	-	-	E	3.0%
Gender Parity	3.0%	G	2.6%	E	0.4%
Urban to Rural Student Population	2.0%	G	1.7%	E	0.3%
Existence of CASH	0.5%	G	0.2%	E	0.3%
Existence of Social Protection Cell	0.5%	G	0.4%	E	0.1%
Language assistance programs for weak students	0.5%	G	0.3%	E	0.2%
RESEARCH AND INNOVATION INDEX – 24%					
Per-faculty publications	2.0%	G	1.5%	E	0.5%
Cumulative impact Factor of publication	3.0%	G	2.0%	E	1.0%
H Index of scholars	2.0%	G	1.0%	E	1.0%
% of staff involved as principal researcher	1.0%	G	0.5%	E	0.5%
% of research projects, fully or more than 50% Funded by external agencies, industries etc.	2.0%	A	0.5%	E	1.5%

Total no. of patents granted	1.0%	B.A	0.01%	E	0.99%
% of faculty receiving national/international awards	1.0%	A	0.3%	E	0.7%
% of research income	1.0%	G	0.3%	E	0.7%
Doctoral degrees awarded per academic staff	1.0%	A	0.5%	E	0.5%
% doctoral degrees in total number of degrees awarded	3.0%	B.A	0.5%	E	2.5%
% expenditure on research and related facilities	1.0%	G	0.7%	E	0.3%
Digitization of Masters and Doctoral thesis	0.5%	-	-	E	0.5%
UPE/CPE	3.5%	-	-	E	3.5%
% of Income generated from non-grant sources	2.0%	G	1.0%	E	1.0%
STUDENT FACILITIES – 15%					
No. of new professional development programs	1.0%	A	0.5%	E	0.5%
Existence of Placement Cells and placement policy	1.0%	B.A	0.3%	E	0.7%
% of expenditure on infrastructure maintenance and addition	3.0%	E	3.0%	-	-
Availability of hostel per out-station female student	3.0%	E	3.0%	-	-
Availability of hostel per out-station male student	2.0%	E	2.0%	-	-
% of students on scholarship	2.0%	E	2.0%	-	-
Average scholarship amount per student	1.0%	E	1.0%	-	-
Student Experience Surveys	1.0%	E	1.0%	-	-
Graduate Destination Surveys	1.0%	E	1.0%	-	-
Infrastructure and Others – 11%					
% Income generated from training courses	1.0%	A	0.5%	E	0.5%
% of Income generated from consulting	1.0%	A	0.5%	E	0.5%
Infrastructural sufficiency	3.0%	E	3.0%	-	-
Computer Coverage	3.0%	E	3.0%	-	-
Internet connectivity of Campus	3.0%	E	3.0%	-	-
	100.0%		71.3%		28.7%

- E – Excellent
- G – Good
- A – Average
- B.A – Below Average