The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year

> 2013 – 14

1. Details of the Institution

1.1 Name of the Institution

> JAMAL MOHAMED COLLEGE (AUTONOMOUS)

1.2 Address Line 1

> 7, Race Course Road

Address Line 2

> Khajanagar

City/Town

> Tiruchirappalli

State

> Tamil Nadu

Pin Code

> 620 020

Institution e-mail address

> princi@jmc.edu,
> principaljmc@ymail.com

Contact Nos.

> 0431-2331035

Name of the Head of the Institution:

> Dr. A. M. Mohamed Sindhasha

Tel. No. with STD Code:

> 0431-2331035

Mobile:

> 09443072623

Name of the IQAC Co-ordinator:

> Dr. A. Mohamed Ibraheem

Mobile:

> 09443954082

IQAC e-mail address:

> amijmc1962@gmail.com

1.3 **NAAC Track ID**

> TNCOGN10145

OR

1.4 **NAAC Executive Committee No. & Date:**
   (For Example EC/32/A&A/143 dated 3-5-2004.
   This EC no. is available in the right corner- bottom
   of your institution's Accreditation Certificate)

> EC/47/RAR/05 dated 29-1-2009

1.5 Website address:

> www.jmc.edu

Web-link of the AQAR:

> www.jmc.edu/AQAR2013-14.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	Five Star	-	2002	Five Years
2	2nd Cycle	A	3.6	2009	Five Years

1.7 Date of Establishment of IQAC :   DD/MM/YYYY

> 04/02/2005

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((*for example AQAR 2010-11submitted to NAAC on 12-10-2011*)

    i. AQAR 2009-10 submitted to NAAC on 30/11/2010
    ii. AQAR 2010-11 submitted to NAAC on 29/04/2011
    iii. AQAR 2011-12 submitted to NAAC on 24/11/2012
    iv. AQAR 2012-13 submitted to NAAC on 22/08/2013

1.9 Institutional Status

University   State [-]   Central [-]   Deemed [-]   Private [-]

Affiliated College   Yes [✓]   No [ ]

Constituent College   Yes [ ]   No [✓]

Autonomous college of UGC   Yes [✓]   No [ ]

Regulatory Agency approved Institution   Yes [✓]   No [ ]

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution   Co-education [ ]   Men [✓]   Women [✓]

              Urban [✓]   Rural [ ]   Tribal [ ]

Financial Status   Grant-in-aid [ ]   UGC 2(f) [✓]   UGC 12B [✓]

              Grant-in-aid + Self Financing [✓]   Totally Self-financing [ ]

1.10 Type of Faculty/Programme

    Arts [✓]   Science [✓] Commerce [✓] Law [ ]   PEI (Phys Edu) [ ]

    TEI (Edu) [ ] Engineering [ ]   Health Science [ ]   Management [✓]

    Others   (Specify)   [.]

1.11 Name of the Affiliating University *(for the Colleges)*   [Bharathidasan University, Tiruchirappalli – 620 024]

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University   ✓

University with Potential for Excellence   [ ]   UGC-CPE   ✓

DST Star Scheme   [ ]   UGC-CE   [ ]

UGC-Special Assistance Programme   [ ]   DST-FIST   [ ]

UGC-Innovative PG programmes   ✓   Any other (*Specify*)   [ ]

UGC-COP Programmes   ✓

2. IQAC Composition and Activities

2.1 No. of Teachers	21
2.2 No. of Administrative/Technical staff	0
2.3 No. of students	15
2.4 No. of Management representatives	3
2.5 No. of Alumni	1
2. 6 No. of any other stakeholder and community representatives	0
2.7 No. of Employers/ Industrialists	0
2.8 No. of other External Experts	1
2.9 Total No. of members	38
2.10 No. of IQAC meetings held	2

2.11 No. of meetings with various stakeholders: No. | 2 | Faculty | 2 |

Non-Teaching Staff Students | 2 | Alumni | 2 | Others | 2 |

2.12 Has IQAC received any funding from UGC during the year?   Yes [ ]   No [✓]

If yes, mention the amount | -- |

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. | 2 | International [ ]   National [ ]   State [ ]   Institution Level [✓]

(ii) Themes

1.Faculty Development Programme
2. Special Lecture on Patenting and Consultancy in Research

2.14 Significant Activities and contributions made by IQAC

- Introduction of new innovative Programme- PG Diploma in Bio-diversity Informatics – UGC Sponsored

- Curriculum Designed and Developed for PG Diploma in Bio-diversity Informatics

- Consistency in the academic performance i.e. Results of UG, PG and M.Phil., Programmes.

- 24 Seminars organized in the College

- 485 papers published in National and International Journals

- 496 papers presented in the Seminars / Conferences.

- 32 Ph.Ds., and 305 M.Phil., Degrees awarded.

- Promoting Research culture in the campus.

- Special Lecture on "Patenting and Consultancy in Research" was organized

- Faculty Development Programme organized.

- Guidance and Counseling and Placement training for students organized.

- All round Extension Activities by service organizations and Community Outreach Programme "JAMCROP" have been organized.

- Disbursement of Scholarships to poor and meritorious student.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
✓ to submit proposal seeking financial support to NAAC to conduct a National Level Seminar	✓ Special coaching classes for students appearing for NET examinations have been started.
✓ to start special coaching classes for students appearing for NET examinations.	✓ Remedial Coaching classes for SC/ST students and Coaching classes for entry into services for SC/ST students are being continued.
✓ to continue Remedial Coaching classes for SC/ST students and coaching classes for SC/ST students for entry in to services	✓ The Management Teaching and Non-teaching staff have been appointed sufficiently to the requirement
✓ to organize many programmes under Higher Education for Persons with Special Needs (HEPSN) scheme sponsored by UGC	✓ Since many vacancies of teaching posts were not approved by the Government teaching staff members were appointed using the Management's own resources to avoid cancellation of classes in the last year
✓ to appoint necessary number of Teaching and Non-teaching staff, even though many vacancies are yet to be approved by the Govt. to fill up.	✓ Endowment Lectures and Various programmes were conducted.
✓ to invite many multinational companies for campus recruitment.	✓ Many Research papers and Books were published by staff members besides presenting large number of papers in the Seminar/Conferences The Staff members were awarded cash incentives for their publications

Academic Calendar of the year 2013-2014 attached

2.15 Whether the AQAR was placed in statutory body   Yes ✓   No ☐

Management ✓   Syndicate ☐   Any other body ☐

Provide the details of the action taken

❖ The Recommendations of Inspection Commission constituted by Bharathidasan University have been carried out appropriately.

❖ As per the recommendations of the NAAC Peer team during 2nd Cycle of Reaccreditation in 2009, more International Conferences were organized and MOU's were signed with reputed institutions.

❖ The suggestions of students given in the Grievance Committee Meeting, pertaining to a few infrastructural facilities were considered and suitable action was taken to carry out the suggestions.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	15	0	0	0
PG	20	0	0	0
UG	19	0	0	0
PG Diploma	6	0	0	0
Advanced Diploma	1	0	0	0
Diploma	10	0	0	0
Certificate	10	0	0	0
Others	5	0	0	0
Total	86	0	0	0

Interdisciplinary	16	0	0	0
Innovative	0	1	0	0

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
    (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	61
Trimester	0
Annual	0

1.3 Feedback from stakeholders*   Alumni ☑   Parents ☑   Employers ☑ Students ☑
    (On all aspects)

        Mode of feedback   :   Online ☐   Manual ☑ Co-operating schools (for PEI) ☐

Please provide an analysis of the feedback in the Annexure

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

        The industrial, societal, research, regional and national needs are taken into account while revising the curriculum/syllabi of the existing programmes. Feedback from the students, suggestions from the subject experts, alumni, and industrialists are also considered during the revision.

        On an average about 30% of courses in UG, PG and M.Phil programmes underwent major syllabus revision.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

-- NIL --

Criterion – II
2. Teaching, Learning and Evaluation

2.1 Total No. of
permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
436	347	84	3	2

2.2 No. of permanent faculty with Ph.D.

128

2.3 No. of Faculty Positions
Recruited (R) and Vacant (V)
during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
347	0	84	0	3	0	2	0	436	0

2.4 No. of Guest and Visiting faculty and Temporary faculty | -- | | -- | | -- |

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	49	153	186
Presented papers	153	131	212
Resource Persons	7	24	22

2.6 Innovative processes adopted by the institution in Teaching and Learning:
The College enjoys full academic freedom by the autonomous status, which paves way for introducing innovative courses under CBCS pattern.

A few innovative courses offered by various departments in our college are given below:

❖ MATLAB and SPSS package
❖ Environmental Economics
❖ Econometrics
❖ Horticulture and Landscape Designing
❖ Botanical Pharmacy
❖ Chemi-Informatics and Biodiversity Informatics
❖ Molecular Modeling and Drug Designing
❖ Functional Foods and Nutraceuticals
❖ Nanotechnology

The Department of Botany offers a PG Diploma in Biodiversity Informatics under UGC Innovative Programme.

2.7 Total No. of actual teaching days

during this academic year

| 180 |

2.8 Examination/ Evaluation Reforms initiated by
the Institution (for example: Open Book Examination, Bar Coding,
Double Valuation, Photocopy, Online Multiple Choice Questions)

| Double Valuation, Photocopy |

2.9 No. of faculty members involved in curriculum
restructuring/revision/syllabus development
as member of Board of Study/Faculty/Curriculum Development workshop

| 184 |

2.10 Average percentage of attendance of students

| 90 |

2.11 Course/Programme wise distribution of pass percentage :

DEPARTMENT-WISE RESULTS: 2010 - 2013 - UG (OVERALL)

S.No.	DEPARTMENT	No. of Students Appeared	No. of Students Passed	Division						
				Pass %	I Class	% of I Class	II Class	% of II Class	III Class	% of III Class
1	ARABIC	7	7	100	7	100	--	--	--	--
2	B.B.A.	229	216	94.32	161	74.54	55	25.46	--	--
3	BOTANY	14	11	78.57	11	100	--	--	--	--
4	B.C.A.	373	281	75.34	246	87.54	35	12.46	--	--
5	CHEMISTRY	115	55	47.83	55	100	--	--	--	--
6	COMMERCE	482	452	93.78	320	70.80	131	28.98	1	0.22
7	COMPUTER SCIENCE	223	188	84.30	177	94.15	11	5.85	--	--
8	ECONOMICS	24	23	95.83	18	78.26	5	21.74	--	--
9	ENGLISH	244	167	68.44	55	32.93	104	62.28	8	4.79
10	FASHION TECHNOLOGY AND COSTUME DESIGNING	18	16	88.89	16	100	--	--	--	--
11	HISTORY	13	11	84.62	4	36.36	7	63.64	--	--
12	HOTEL MANAGEMENT AND CATERING SCIENCE	18	17	94.44	17	100	--	--	--	--
13	INFORMATION TECHNOLOGY	26	24	92.31	21	87.50	3	12.50	--	--
14	MATHEMATICS	161	137	85.09	110	80.29	27	19.71	--	--
15	NUTRITION AND DIETETICS	12	12	100	12	100	--	--	--	--
16	PHYSICS	61	43	70.49	37	86.05	6	13.95	--	--
17	ZOOLOGY	7	3	42.86	3	100	--	--	--	--
	OVERALL TOTAL	**2027**	**1663**	**82.04**	**1270**	**76.37**	**384**	**23.09**	**9**	**0.54**

DEPARTMENT-WISE RESULTS: 2010 - 2012 - PG (OVERALL)

S.No.	DEPARTMENT	No. of Students Appeared	No. of Students Passed	Division				
				Pass %	I Class	% of I Class	II Class	% of II Class
1	ARABIC	12	12	100	12	100	--	--
2	BOTANY	31	30	96.77	30	100	--	--
3	BIOTECHNOLOGY	6	6	100	6	100	--	--
4	CHEMISTRY	82	60	73.17	60	100	--	--
5	COMMERCE	127	124	97.64	123	99.19	1	0.81
6	COMPUTER SCIENCE	91	88	96.70	88	100	--	--
7	ECONOMICS	21	19	90.48	19	100	--	--
8	ENGLISH	114	104	91.23	73	70.19	31	29.81
9	FASHION TECHNOLOGY	8	8	100	8	100	--	--
10	HISTORY	5	5	100	5	100	--	--
11	INFORMATION TECHNOLOGY	70	66	94.29	66	100	--	--
12	MATHEMATICS	96	83	86.46	77	92.77	6	7.23
13	MICROBIOLOGY	16	15	93.75	15	100	--	--
14	NUTRITION & DIETETICS	15	14	93.33	14	100	--	--
15	PHYSICS	48	29	60.42	29	100	--	--
16	SOCIAL WORK	19	19	100	19	100	--	--
17	TAMIL	24	24	100	24	100	--	--
18	ZOOLOGY	31	30	96.77	30	100	--	--
19	M.B.A.	119	119	100	119	100	--	--
20	M.C.A. (2010 - 2013)	110	103	93.64	103	100	--	--
21	PGDCA (2012 - 2013)	17	11	64.71	11	100	--	--
	OVERALL TOTAL	**1062**	**969**	**91.24**	**931**	**96.08**	**38**	**3.92**

DEPARTMENT-WISE RESULTS: 2012 - 2013 - M.PHIL (FULL TIME)

S.No.	DEPARTMENT	No.of Students Appeared	No.of Students Passed	Division				
				Pass %	I Class	% of I Class	II Class	% of II Class
1	ARABIC	5	0	0	--	--	--	--
2	BOTANY	19	12	63.16	12	100	--	--
3	BIOTECHNOLOGY	3	3	100	3	100	--	--
4	CHEMISTRY	15	14	93.33	14	100	--	--
5	COMMERCE	57	55	96.49	55	100	--	--
6	COMPUTER SCIENCE	66	51	77.27	50	98.04	1	1.96
7	ECONOMICS	10	9	90.00	9	100	--	--
8	ENGLISH	49	28	57.14	28	100	--	--
9	HISTORY	11	4	36.36	4	100	--	--
10	MATHEMATICS	34	34	100	34	100	--	--
11	MICROBIOLOGY	5	5	100	5	100	--	--
12	MANAGEMENT STUDIES	36	25	69.44	25	100	--	--
13	PHYSICS	23	16	69.57	16	100	--	--
14	TAMIL	18	7	38.89	7	100	--	--
15	ZOOLOGY	15	12	80.00	12	100	--	--
	OVERALL TOTAL	**366**	**275**	**75.14**	**274**	**99.64**	**1**	**0.36**

DEPARTMENT-WISE RESULTS: 2011 - 2013 - M.PHIL (PART TIME)

S.No.	DEPARTMENT	No.of Students Appeared	No.of Students Passed	Division				
				Pass %	I Class	% of I Class	II Class	% of II Class
1	ARABIC	13	13	100	13	100	--	--
2	COMMERCE	3	2	66.67	2	100	--	--
3	COMPUTER SCIENCE	5	5	100	5	100	--	--
4	ENGLISH	1	1	100	1	100	--	--
5	MANAGEMENT STUDIES	1	1	100	1	100	--	--
	OVERALL TOTAL	**23**	**22**	**95.65**	**22**	**100**	**--**	**--**

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

❖ The IQAC facilitates the academic activities ensuring quality in Teaching, Learning, Evaluation, Research and Extension activities.

❖ Every Department has a Board of Studies, comprising of the experts from Industries, Alumni, Academia and the respective faculty members. While the syllabi are framed the expert opinions are taken into consideration and wherever possible the recent innovative, skill based and value-based courses are included. The syllabi are revised periodically and also when need arises.

❖ The institution ensures the quality of administration by having the hierarchy of authorities. The supreme body in the institution is the college management committee where the Principal is the ex-officio member, acting as a liaison between the faculty members and the management.

❖ The staff council, headed by the Principal is the highest body to plan, evaluate and monitor the academic activities in the college. The academic work plans are charted out by the Deans of Arts and Science. The respective head of the Department monitors the work plans and gives the feedback from time to time in the staff council meeting.

❖ The quality policy of the college is periodically discussed, reviewed by the Members of the Management Committee, Principal, IQAC and the members of the planning and evaluation committee of the college and the policies are communicated to the stakeholders at the appropriate time.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	9
UGC – Faculty Improvement Programme	0
HRD programmes	0
Orientation programmes	4
Faculty exchange programme	0
Staff training conducted by the university	3
Staff training conducted by other institutions	0
Summer / Winter schools, Workshops, etc.	0
Others	2

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	225	-	-	-
Technical Staff	8	-	-	-

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

The college management supports all the departments to carry out research by providing necessary facilities. Twelve departments of our college are recognized as research centers and are equipped with adequate infrastructure to carry out qualitative research work. Periodic upgradation of the inventory of scientific equipment is made for all the research departments. Department of Chemistry has instrumentation facility such as, UV and IR Spectro Photometer.

Every department has a library which has several volumes of reference books and journals for the benefit of the research scholars. A separate fund is allocated to each department for the purchase of printed journals, E-Journals, scientific software and application-based software for research. Every department has a sufficient number of upgraded desktop computers for the usage of faculty members and research scholars. All departments are connected with Wi-Fi, and the research scholars can access internet during the working hours. Uninterrupted power supply is facilitated to all departments, to ensure the smooth functioning of the research laboratories.

The college has a well established resource centre in the form of library which houses 171566 volumes of books with 46136 titles. The library subscribes for 108 National Journals, 43 International Journals, 78 Magazines, and 16 Dailies every year. Besides, e-Journal facility is also available. The Department library keeps research theses of their discipline. A separate cabin is arranged for the research scholars to access E-Resources and Journals in the library. Research Scholars can take printout and photo copy of the Journals in the general library itself.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	13	4	--
Outlay in Rs. Lakhs	5536367	32422533	23916000	--

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	8	--	--
Outlay in Rs. Lakhs	100000	1610000	--	--

3.4   Details on research publications

	International	National	Others
Peer Review Journals	300	185	11
Non-Peer Review Journals	--	--	--
e-Journals	--	--	--
Conference proceedings	--	--	--

3.5 Details on Impact factor of publications:

Range 0.27-6.8   Average 1   h-index 1-23   Nos. in SCOPUS --

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2013-14	UGC,DST,SNSF	23916000	--
Minor Projects	--	--	--	--
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects *(other than compulsory by the University)*	2013-14	TNSCST	17500	17500
Any other(Specify)	--	--	--	--
Total	--	--	--	--

3.7 No. of books published   i) With ISBN No.   17   Chapters in Edited Books   3

                 ii) Without ISBN No.   2

3.8 No. of University Departments receiving funds from

UGC-SAP [ ]   CAS [ ]   DST-FIST [ ]

DPE [ ]   DBT Scheme/funds [ ]

3.9 For colleges   Autonomy [✓]   CPE [✓]   DBT Star Scheme [ ]

                INSPIRE [ ]   CE [ ]   Any Other (specify) [ ]

3.10 Revenue generated through consultancy   70000

3.11 No. of conferences
     organized by the Institution

Level	International	National	State	University	College
Number	4	13	7	--	--
Sponsoring agencies	UGC	UGC/ Self Funded	Self Funded	--	--

3.12 No. of faculty served as experts, chairpersons or resource persons   53

3.13 No. of collaborations   International   1   National   --   Any other   --

3.14 No. of linkages created during this year   --

3.15 Total budget for research for current year in lakhs :

   From Funding agency   23933500   From Management of University/College   53,00,00

   Total   29233500

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	--
	Granted	--
International	Applied	2
	Granted	1
Commercialised	Applied	--
	Granted	--

3.17 No. of research awards/ recognitions   received by faculty and research fellows
     Of the institute in the year

Total	International	National	State	University	Dist	College
2	--	2	--	--	--	--

3.18 No. of faculty from the Institution
    who are Ph. D. Guides   71
    and students registered under them   82

3.19 No. of Ph.D. awarded by faculty from the Institution   32

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

     JRF   --   SRF   --   Project Fellows   --   Any other   --

3.21 No. of students Participated in NSS events:

     University level   55   State level   50

     National level   10   International level   1

3.22 No. of students participated in NCC events:

University level	60	State level	30
National level	5	International level	2

3.23 No. of Awards won in NSS:

University level	1	State level	1
National level	0	International level	0

3.24 No. of Awards won in NCC:

University level	0	State level	0
National level	0	International level	0

3.25 No. of Extension activities organized

University forum	2	College forum	47		
NCC	4	NSS	15	Any other	30

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

The Part-V Extension activities of our curriculum are completely devoted to promote social awareness and create Institutional Social Responsibility among the faculty members and students. They are provided with opportunities to get involved in various extension activities.

Our college has adopted five villages under Jamal Mohamed College Community Reach Out Programme (JAMCROP). The students undertake various activities for creating awareness in basic education, environmental education, health and hygiene, nutrition, consumer rights, food adulteration, savings and insurance schemes in banks and other developmental programmes, which have created an indelible impact on the students' campus experience.

Besides, the volunteers of NSS, NCC and students of MSW also organize and participate in various social outreach programmes outside the college.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	60 acres	--	Management	--
Class rooms	171	--	Management	--
Laboratories	78	--	Management	--
Seminar Halls	19	--	Management	--
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	--	--	--	--
Value of the equipment purchased during the year (Rs. in Lakhs)	--	--	--	--
Others	--	--	--	--

4.2 Computerization of administration and library

- ❖ The General Library is automated using NIRMAL software (NICE), a printer and a digital copier machine.
- ❖ 13 computers are available in the library for the use of staff and students.
- ❖ The computers in the library are connected to the 50 Mbps leased line internet facility.
- ❖ College magazines, Student calendar, and e-books are available as a digital repository in the General Library. Ph.D theses, and Research publications of faculty members are available in the Department library.
- ❖ Participation in resource sharing networks / consortia is done through INFLIBNET in the General / Department Library.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	167648	--	3918	1036105	171566	--
Reference Books	--	--	--	--	--	--
e-Books	--	--	--	--	--	--
Journals	15	332453	--	--	--	--
e-Journals	3	130000	--	--	--	--
Digital Database	--	--	--	--	--	--
CD & Video	650	--	--	--	--	--
Others (specify)	--	--	--	--	--	--

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	1425	630	1400	73	--	57	665	--
Added	--	--	--	--	--	--	--	--
Total	1425	630	1400	73	--	57	665	--

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Computer usage and internet access training programmes are periodically conducted for the benefit of teachers and students.

4.6 Amount spent on maintenance in lakhs :

i)   ICT

805322

ii) Campus Infrastructure and facilities

19025613

iii) Equipments

1610645

iv) Others

2239255

Total :

23680835

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The student support and academic mentoring activities occupy a pride of place in the college which aims at the holistic development of students. The knowledge updated, value-based and cost-effective education provided in the institution make our students socially responsible citizens.

The tutorial scheme provides mentoring and guidance to all students. Each student is taken care of by the tutor concerned in all departments. Guidance on academic, extra academic and general matters are given by the tutor to mould the character and personality of the students.

The college provides the academic calendar to all faculty and students in the beginning of every academic year. Students come to know about all the basic details and facilities, available to them in the college. The College Co-operative Store supplies the study materials to students at subsidized prices. It is worth mentioning that the store has been bagging the best student co-operative store award at state level for the past 14 years. NET / SET, civil services coaching classes and skill development programmes are conducted.

The well-integrated student support services provided by the college at all levels satisfy the stakeholders.

5.2 Efforts made by the institution for tracking the progression

Rent-free hostel facility is given to 150 financially poor students every year. Under 'Earn while Learn' scheme, economically deserving students are given chances to serve as student workers in the hostel mess. In addition to Government scholarships, the students receive financial assistance from other sources such as alumni and well wishers for their academic progression. The Guidance and Counseling centre prepares students for various competitive examinations and arranges for the campus interviews with various companies to provide placements to them. Gold medals, proficiency prizes and endowment awards are given to meritorious students on the College Day function every year.

Around 40% of students admitted into PG and M.Phil. programmes are our students. In the overall admission to Ph.D. programmes are our alumni form 50%. Around 5-10 percent of our outgoing successful students are placed in the on-campus recruitment and most of the others get placements in the off-campus recruitment.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
3051	824	82	467

(b) No. of students outside the state

70

(c) No. of international students

4

Men

No	%
2728	61

Women

No	%
1696	39

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
3763	701	57	--	--	4521	3847	538	39	--	--	4424

Demand ratio   1.3   Dropout %   2

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Technology-enabled teaching and learning processes, organizing guest lectures for academic enrichment of students, industrial visits, project work, internship and exposure to practical field work at the PG level, preparation of teaching plan and monitoring its execution, conducting bridge courses to the disadvantaged first year undergraduate students with diversity, remedial programmes for slow learners, NET/SET special coaching classes for the PG and M.Phil. students to prepare and face the competitive examinations with confidence, credibility and transparency in central valuation system are some of the best practices in teaching, learning and evaluation system. The institution continuously monitors and evaluates the quality of teaching, its methods, class room environment and the learning resources for the benefit of staff and students. 74 of our students have cleared UGC-NET/SLET examinations during the last five years.

No. of students beneficiaries

264

5.5 No. of students qualified in these examinations

NET | 1 | SET/SLET | 1 | GATE | -- | CAT | -- |

IAS/IPS etc | -- | State PSC | -- | UPSC | -- | Others | 10 |

5.6 Details of student counselling and career guidance

The College has a separate placement cell for the benefit of the students. The Cell disseminates information on job opportunities and conducts coaching classes and training programmes pertaining to placement. There is a Placement Coordinator for the entire college and each department has a placement officer. They co-ordinate the placement activities with the placement cell and train the students for Aptitude Tests, Group Discussions, Technical and HR Interviews. The students participate in various on-campus and off-campus recruitment drives organized by the cell.

A separate career guidance and counseling centre gives training and coaching to students to face interviews and to develop entrepreneur and employable skills.

The Alumni Association, with its chapters in India and overseas, assists the Placement Cell in the college to get placements for the students. The Alumni employed in various MNC's in India and abroad, share their professional experiences with the students whenever they visit the college. This, in turn, helps the students to understand and equip themselves according to the requirements and recent developments in the industry. The alumni occupying covetable positions in abroad help our students to get placements in their own companies.

There is a separate Entrepreneur Development Cell which organizes special awareness programmes on the values of entrepreneurship.

No. of students benefitted

| 2426 |

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
26	780	294	98

5.8 Details of gender sensitization programmes

The College conducts Gender sensitization programmes for the benefit of faculty members and students. The College has a Gender club functioning under the guidance of a staff member. The club organizes many awareness seminars and workshops on Gender sensitization and Gender equality. International Women's Day is celebrated every year by the club.

5.9 Students Activities

   5.9.1   No. of students participated in Sports, Games and other events

State/ University level   384   National level   7   International level   --

No. of students participated in cultural events

State/ University level   280   National level   2   International level   --

   5.9.2   No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level   58   National level   --   International level   --

Cultural: State/ University level   22   National level   --   International level   --

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	892	6358052
Financial support from government	3978	23848277
Financial support from other sources	--	--
Number of students who received International/ National recognitions	--	--

5.11   Student organised / initiatives

Fairs   : State/ University level   5   National level   1   International level   0

Exhibition: State/ University level   0   National level   0   International level   0

5.12   No. of social initiatives undertaken by the students   5

5.13 Major grievances of students (if any) redressed: --

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION

'Excellence and Beyond Excellence"

To become a world class, highly acclaimed, innovative and competitive centre of academic and extra-academic excellence in higher education by offering many value added and socially relevant programmes to the students including minority, backward and socially disadvantaged sections of the society.

MISSION

To provide a unique experience which will enable the students to realize their innate potential and mould their overall personality by

* offering quality education at affordable cost

* developing skills and providing career opportunities

* inculcating and nurturing ethical, spiritual, moral and human values

* promoting consultancy activity, research and development

* creating interest and instilling confidence for achievements.

6.2 Does the Institution has a management Information System

Yes. The college has a comprehensive IT Policy that addresses standards on Information Security, Network Security, Risk Management and IT Service Management. The college administration, office of the Controller of Examinations and Attendance Section of the college has been independently computerized. The institution is on the process of automating all the operations into a single networked Campus Management System in a year.

Suitable data backup and recovery mechanisms are available in the above mentioned vital sections of the college, including the computer laboratories. Firewall and antivirus software are installed for providing the required data security. Fire extinguishers are provided in almost all the departments.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The curriculum of each department is designed and developed by the respective Board of Studies.

- ❖ Need assessment and development of data base regarding curriculum are made through:
    - ∗ Feedback from outgoing batch of students
    - ∗ Views obtained from alumni employed in industries both in India and abroad.
    - ∗ Opinion of the experts from industry
- ∗ All the faculty members in the college are involved in identification of the courses to be offered and in the preparation of the curriculum.
- ∗ The faculty members attend refresher courses, enrichment programmes, conferences, seminars and workshops. The knowledge gained/updated is reflected in the curriculum to suit the requirements of the recent developments in their respective fields of study.
- ∗ Boards of Studies consisting of internal and external academics (subject experts from outside), industry people and alumni, meet two or three times before finalizing the final draft of the curriculum.
- ∗ The final draft of syllabi is approved in the academic council which consists of management committee members, university nominees, subject experts, industry people, alumni, and student representatives, after deliberations and discussions.
    .

6.3.2 Teaching and Learning

- ❖ The college reviews/re-designs curriculum / syllabi once in three years to keep pace with the changing trends in industry and higher education.
- ❖ All faculty members are encouraged to generate e-content for various subjects.
- ❖ To provide quality education through ICT-enabled teaching and learning.
- ❖ To offer quality programmes with latest technology to face the changes and challenges in global scenario.
- ❖ The syllabi include components that would enable student to appear for NET/SET, Civil Services and other competitive examinations.

6.3.3 Examination and Evaluation

- ❖ Our College follows Choice Based Credit System (CBCS) for all the programmes.
- ❖ The questions papers for all courses, except elective courses, are set only by external faculty members of the subjects concerned.
- ❖ The valuation of answer scripts for UG is done by external examiners with the Head of the Department concerned as the chairman.
- ❖ For PG and M.Phil. programmes, double valuation system is adopted. The first valuation is done by external examiners and the second valuation is carried out by internal examiners, co-ordinated by the internal chairman.
- ❖ The answer scripts of all elective subjects are valued only by internal examiners.
- ❖ The scrutiny of the question papers is carried out by the external experts of the concerned subjects, in order to maintain strict confidentiality in the office of the controller of examinations.

- ❖ The procedures for the conduct of semester examinations and central valuation are evolved by the controller of examinations in consultation with the examination committee.
- ❖ There is a provision for re-valuation, re-totaling and transparency (photocopy) of answer scripts for UG and PG.
- ❖ Students are also permitted to improve their marks in their passed papers in the immediate subsequent end semester examinations only, provided the student is without arrears till that semester.
- ❖ The instant examinations are conducted for both UG and PG students who have arrear in only one paper (from first to final semester), within 15 days of the declaration of final semester results.
- ❖ The performance of students in each course is evaluated in terms of percentage of marks and finally converted into Grade Point Average (GPA).

6.3.4   Research and Development

The college promotes research culture to meet the societal and industrial needs. To promote the research activities among the faculty members and students, the college purchases modern equipment, latest books, and research journals for both the department and general libraries.

The college management encourages faculty members to apply for major/minor research projects and provides all basic infrastructural facilities and all resources available in the campus for such projects.

The college publishes a referred research journal JARJ (Jamal Academic Research Journal: an interdisciplinary) to promote research publications by the members of the staff.

The college invites eminent researchers and subject experts from academia and industry as resource persons in National and International seminars, conferences and workshops organized by various departments. The faculty members and students have healthy interactions and discussions with these resource persons. The knowledge received from these deliberations is utilized by the stakeholders in their research work.

The college management encourages the faculty members by providing incentives for publishing their research findings in refereed journals and for presenting research papers in conferences and seminars.

6.3.5   Library, ICT and physical infrastructure / instrumentation

The college provides latest technologies and facilities for the benefit of the faculty members in order to enhance their effectiveness of teaching-learning process.
- ❖ LCD projectors, interactive projectors and digital interactive smart boards.
- ❖ 50 Mbps leased line internet connectivity for browsing e-learning resources.
- ❖ Wi-Fi internet facility in the entire campus.
- ❖ Open educational resources available in the internet.
- ❖ Subscriptions to e-Journals through PROQUEST, INFLIBNET and DELNET.
- ❖ Library books catalogue access through OPAC

- ❖ Latest versions of software
- ❖ ICT-enabled English Language Lab.
- ❖ Video- Conferencing facility in the Computer Science Department.
- ❖ The General Library is automated using NIRMAL software (NICE), a printer and a digital copier machine.

6.3.6 Human Resource Management

- ❖ Qualified faculty members are recruited, as and when vacancy arises, to satisfy academic commitment, without compromising the dearth of competent teachers, to provide continuous quality education.
- ❖ The teachers are encouraged to participate in more seminars, conferences and workshop in order to update their knowledge and get exposed to new technologies and developments in their respective areas of study.
- ❖ National and International level conferences and seminars are organized to develop organizational capabilities and leadership qualities of faculty members.
- ❖ The students are motivated to conduct more inter-collegiate technical and non-technical symposia and other competitions to strengthen their leadership traits, and organizational skills.
- ❖ Efficient service is provided in getting monetary and other benefits of the teaching and non-teaching staff without any delay.

6.3.7 Faculty and Staff recruitment

Applications for vacancies in the aided and self-finance programmes are invited from the qualified aspirants by giving advertisements in leading national dailies. The Principal, Vice-Principal and Head of the department concerned, scrutinize the applications received and prepare the list of candidates to be called for interview. The interview panel consists of the representatives of the Management Committee, Principal, University representative, subject experts and the Head of the department concerned. Personal interview is conducted and the interviewees are short listed. They are asked to handle classes and their performance inside the class is evaluated by the subject experts of the discipline concerned. The candidates are finally selected based on their performance in the interview and classroom teaching

6.3.8 Industry Interaction / Collaboration

- ❖ Experts from industry are invited to motivate the students.
- ❖ MOUs with reputed institutions are signed gaining knowledge and better job prospects.
- ❖ Successful entrepreneurs are invited for creating an awareness among students on the value of self-employment.

The Department of Management Studies had signed MoUs with GB Engineering Enterprises (P) Ltd., Tiruchirappalli and Sixth Star Technologies (P) Ltd., Chennai for placements in 2014.

The Department of Zoology had signed a MoU with the Analytical Chemistry Division, Bhaba Atomic Research Centre, Mumbai for carrying out the research project titled "Toxicological impact assessment of nanoparticle of heavy metal ions on aquatic biota" for the period 2014-2017.

The placement cell of our College has linkages with many companies for employment opportunities of our students.

6.3.9 Admission of Students

Admissions are given to students from all sections of the society irrespective of their caste, creed or religion providing equal opportunity following the Government / University norms. The college does not collect any capitation fee or donation from students for admission.

6.4 Welfare schemes for

Teaching	Yes
Non teaching	Yes
Students	Yes

6.5 Total corpus fund generated

The college has a 'corpus fund' of Rs. 24.5 Crores as on 31.03.2014.

6.6 Whether annual financial audit has been done   Yes ✔   No ☐

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Government / University	Yes	Management
Administrative	Yes	Government	Yes	Management

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes   Yes ✔   No ☐

For PG Programmes   Yes ✔   No ☐

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- ❖ Our College follows Choice Based Credit System (CBCS) for all the programmes.
- ❖ The questions papers for all courses, except elective courses, are set only by external faculty members of the subjects concerned.
- ❖ The valuation of answer scripts for UG is done by external examiners with the Head of the Department concerned as the chairman.
- ❖ For PG and M.Phil. programmes, double valuation system is adopted. The first valuation is done by external examiners and the second valuation is carried out by internal examiners, co-ordinated by the internal chairman.
- ❖ The answer scripts of all elective subjects are valued only by internal examiners.
- ❖ The scrutiny of the question papers is carried out by the external experts of the concerned subjects, in order to maintain strict confidentiality in the office of the controller of examinations.
- ❖ There is a provision for re-valuation, re-totaling and transparency (photocopy) of answer scripts for UG and PG.
- ❖ Students are also permitted to improve their marks in their passed papers in the immediate subsequent end semester examinations only, provided the student is without arrears till that semester.
- ❖ The instant examinations are conducted for both UG and PG students who have arrear in only one paper (from first to final semester), within 15 days of the declaration of final semester results.
- ❖ The performance of students in each course is evaluated in terms of percentage of marks and finally converted into Grade Point Average (GPA).

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- ❖ The college is an autonomous college affiliated to Bharathidasan University. All rules and regulations pertaining to curriculum, admission, conduct of examinations and valuation are strictly adhered to as per University norms.
- ❖ The College Management Committee includes a representative from the University.
- ❖ Academicians and experts from the University are nominated as members in the Governing Body, Academic Council and Board of Studies of all Departments. They offer their valuable suggestions for the improvement and effective functioning of the college.

6.11 Activities and support from the Alumni Association

The college has an Alumni Association, established in the year 1963. There are 8 chapters of the association in Bangalore, Chennai, Kerala, Singapore, Malaysia, Jeddah, UAE and Kuwait. The Alumni, employed in India and abroad, play a significant role in the growth and development of the college. Every year, 15th August becomes a red-letter day for us, marking the union of our Alumni for a get-together in our college. A few alumni are identified and recognized for their commendable contribution and outstanding performance in their chosen field, and presented with the prestigious 'Distinguished Alumnus Award'.

The contributions and activities of Alumni Associations:

- ❖ Providing infra-structural facilities in the form of buildings, both in the college and hostels.
- ❖ Economically backward students are taken care of by the Alumni by providing financial assistance to the tune of about Rs.40 Lakhs every year.
- ❖ A few students are adopted for providing the entire educational expenditure including accommodation facilities in the hostel.
- ❖ The officials, businessmen, professionals, scientists, researchers, teachers and sports persons among the Alumni, interact with the students and share their expertise during their visits to the college.
- ❖ A meritorious Alumnus is given representation in the Board of Studies of all the departments. The suggestions, views, and opinions are incorporated in the syllabi revision and curriculum development, wherever required.

6.12 Activities and support from the Parent – Teacher Association

- ❖ Parents are informed about their wards who absent themselves for 15 days continuously. Such students will be removed from their rolls. They are asked to meet their respective Head of the Department with parents / guardian for re-admission.
- ❖ Every semester, report on academic performance of a student is communicated to the parents. They visit the college and have an interaction with the Tutor/Head of the Department regarding the academic performance and discipline of their wards.
- ❖ The college informs the parents about the disciplinary action, if any, taken on the students who indulged in malpractice in semester examinations. Such students have to meet their respective Head of the Department, the Principal and the Controller of Examinations, along with their parents to resolve the issue.
- ❖ The college obtains permission letters from the parents of the students who are selected to participate in various competitions organized by other colleges. The permission is also sought from the parents to send their wards for project work, internship and educational tours outside the campus.
- ❖ The views of the parents during their interaction with tutors and Heads are also considered in the improvement of the academic programmes.

6.13 Development programmes for support staff

- ❖ Computer awareness programme was organized
- ❖ Medical Checkup camps were conducted
- ❖ Government Medical Insurance Scheme are extended to the supporting staff
- ❖ Loan facility is provided through the cooperative thrift society
- ❖ Facilities for sports activities are also provided inside the campus

6.14 Initiatives taken by the institution to make the campus eco-friendly

- ❖ The class rooms are spacious and well-ventilated through multiple windows.
- ❖ The conventional tube lights and bulbs are being replaced with CFLs in a phased manner.
- ❖ Solar energy panels are installed in some places of the college and hostel
- ❖ Service organizations conduct awareness programmes on Save Electricity.
- ❖ Labs switch over and macro to micro type analyses has been implemented to save energy.

- ❖ Bio-gas plants are set up in the hostels to convert human waste into renewable energy for cooking and other purposes
- ❖ Rain water harvesting points are setup in both the college and hostel premises.
- ❖ Service organizations conduct awareness programmes on 'Save Water' and 'Conserve Water'.
- ❖ More saplings are planted in the college and hostels to ensure a clean and green environment.
- ❖ The college is maintained as a plastic-free and smoke-free campus.
- ❖ The waste chemicals from the chemistry laboratory are carefully disposed off with the help of specialized drainages.
- ❖ Sufficient numbers of exhaust fans are provided in the chemistry laboratories to dispose the harmful gas.
- ❖ Fume cup-boards provided in the chemistry laboratories are used to do experiments, which emanates hazardous vapours.
- ❖ The e-waste such as condemned computers, accessories and peripherals are disposed of as scrap materials to vendors.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- ❖ Curriculum is revised and new skill-based courses were introduced, considering the latest trends and developments in the global scenario.
- ❖ A P.G. Diploma in Bio-Diversity Informatics programme was introduced under UGC Innovative programme in the Department of Botany.
- ❖ A record number of 56 gene sequences have been submitted by our faculty members to NCBI database.
- ❖ Wi-Fi internet facility is provided in the entire campus of the college.
- ❖ Two scrolling LED boards have been installed in prominent places in the college to display various events and other activities.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- ❖ PG Diploma in Biodiversity Informatics Programmes was started.
- ❖ Seven International Conferences were organized.
- ❖ Special coaching classes for students appearing for NET examinations have been started.
- ❖ Remedial Coaching classes for SC/ST students and Coaching classes for entry into services for SC/ST students are being continued.
- ❖ The Management Teaching and Non-teaching staff have been appointed sufficiently to the requirement
- ❖ Since many vacancies of teaching posts were not approved by the Government teaching staff members were appointed using the Management's own resources to avoid cancellation of classes in the last year
- ❖ Endowment Lectures and Various programmes were conducted.
- ❖ Many Research papers and Books were published by staff members besides presenting large number of papers in the Seminar/Conferences The Staff members were awarded cash incentives for their publications

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

Best Practice - I

1. **Title of the Practice:**

   THE CHOICE AND VOICE OF STAKEHOLDERS

2. **Objectives of the Practice:**

   ❖ To provide unique academic experience with value-added courses.
   ❖ To provide cost-effective quality education to all sections of society.
   ❖ To provide academic excellence.
   ❖ To develop self-reliant individuals for a better career.
   ❖ To create socially-responsible citizens.
   ❖ To inculcate moral and ethical values.
   ❖ To develop overall personality.
   ❖ To serve socially weaker sections of the society.

3. **The Context:**

   Discipline plays a pivotal role in moulding the character and conduct of a student. In the present day scenario, discipline has become a matter of serious concern for stakeholders. The significant measures adopted by our college for maintaining discipline address this concern.

   Education in the modern context, among the mushroom growth of institutions everywhere, demands a heavy purse. As this scenario poses a challenge to the economically weaker students, we offer cost-effective quality education to them.

   Both first generation learners and poor students find it difficult to pay even the nominal fees due to their financial background. To address this challenge, plenty of scholarships are offered in support of their educational expenditure.

4. **The Practice:**

   As discipline is the need of the hour, our students are asked to attend moral education classes, outside the working hours. This practice helps the students to know the value of discipline. Our students are informed properly about the evil effects of ragging. As a result, there is no case of ragging reported so far. The campus culture of the senior students, welcoming their junior friends when they join first year programmes, helps a lot in showing love and affection, brotherhood, friendly approach, and family spirit. This is a unique practice in our campus. The students are not allowed to use mobile phones inside the campus which helps very much in maintaining discipline as well as the concentration of students in their studies.

   The discipline is strictly maintained when the students take their CIA Tests. To inculcate the seriousness and good values of taking up the end semester examinations, the students are asked to write every CIA Test for a minimum of 2½ hours. During the free hours, if any, the students are encouraged to engage themselves in the Library / Laboratory to spend their time usefully which in a way helps the administration to maintain discipline.

   We admit students from rural areas and majority of them are first generation learners. We take meticulous care and efforts to provide them cost-effective education with all necessary infrastructure, teaching, coaching and other related facilities without compromising on quality to realize their responsibility.

The provision of quality education given to the financially weaker sections has become a reality only by the generous contribution of noble donors, well-wishers, alumni and faculty members. They provide plenty of scholarships, in addition to Government scholarships, to the poor students to light their life.

5. Evidence of Success:

The best practices being followed in the College have attracted the attention of stakeholders. This has instilled a great confidence in the minds of the parents to get their wards educated in our College.

The Alumni, occupying covetable positions in India and abroad, spread the fragrance of fame of best practices available here, and support the College in all possible ways. They generously contribute a sum of around Rs.40 lakhs every year to the financially poor students. This is a unique factor and an added feather in the cap of success of this healthy practice.

The massive strength of women students in our College is a matter of pride for women empowerment. The safe and secure environment prevailing in the campus, exclusively for women, becomes a confident factor for the choice of our College to the stakeholders.

The consistent academic records of our students produce encouraging results with ranks and gold medals.

Staff-friendly Management, student-friendly teachers and eco-friendly environment are some of the reasons for the tremendous success rate of evidences in best practices.

6. Problems Encountered and Resources Required:

The rural students, admitted in the College, find it difficult to follow the medium of instruction in English in all subjects. To solve this problem, a remedial bridge course in English is being conducted in the beginning of every academic year for all first year UG students. Special coaching classes in the subjects concerned are also conducted to facilitate the students to improve their academic performance and skills.

Though we admit boys in the morning shift and girls in the afternoon shift, still we encounter a few gender-related problems. They are diplomatically solved by the efficient efforts, counseling and guidance of senior faculty members in the College to the fullest satisfaction of the stakeholders.

Best Practice – II

1. Title of the Practice:
    EXCELLENCE IN EXTENSION ACTIVITIES

2. Objectives of the Practice:
- ❖ To inculcate discipline among students.
- ❖ To train the students in community service.
- ❖ To create socially responsible citizens.
- ❖ To develop personality and leadership traits.
- ❖ To sensitize the effects of social evil.
- ❖ To serve the socially weaker sections of the society.

3. The context :

Modern life is full of changes and challenges. The socio-economic scenario demands healthy relationship among students with feelings of patriotism, devotion and dedication for a better society. Since students are at the grass roots of democracy, they need proper motivation towards values and social service. To achieve this goal, the NCC and NSS units and other service organizations of our College render a remarkable service, involving students in various activities to face the realities of life.

It is said that 'Service to Man is Service to God'. Of all the donations practiced by humanity, blood donation becomes a matter of prime concern. Our students donate blood willingly to fulfill the social responsibility.

Dowry system is an old social custom, which prevails in almost all strata of our society. This practice becomes the root cause of many other related evils. Though, there are anti-dowry laws, special efforts by educated persons are needed to put an end to this evil because the dowry system has done incalculable damage on the social fabric. To address this challenge, our College has a unique Anti-Dowry Association which creates awareness among the youth to have a tension-free and trouble-free society. The economically underprivileged people find it difficult to make both ends meet. Such people need financial help and not simply words of solace. To address this concern, a charity fund, 'Baithulmal', is available in the college to support their monetary requirements.

4. The practice:

NCC Infantry and Armed squadron are attached to our College. We conduct NCC parades on Saturdays, in which attendance is compulsory. Cadets have definite obligation to get properly trained. We provide opportunities for outstanding cadets to participate in the special camps such as Republic Day Contingent Parade being held at New Delhi, Parachute Jump Training, All India Trekking Camp, All India Basic Leadership Course, All India Mountaineering Course, All India Army Attachment Camp and Youth Exchange Programme. Cadets are also given opportunity to appear for 'B' and 'C' certificate examinations at the end of second year and third year respectively.

National Service Scheme is functioning with student volunteers under the leadership of programme officers. Every student member should serve for at least two years with 120 hours of engagement in community service per year in addition to the annual camp. Ample opportunities are provided for the volunteers to participate in programmes such as, Traffic awareness, Campus cleaning, Road safety, Pulse polio immunization, Alcoholism and Drug abuse, Population control, Blood donation, Pollution control and Health care.

Our college can also boast of a few other service organizations such as Leo, Rotaract, Red-Ribbon, Youth Red Cross and Citizen Consumer Clubs, which provide sufficient scope for our students to engage themselves in welfare activities and moulding their leadership qualities.

Our college has adopted five villages under Jamal Mohamed College Community Reach Out Programme (JAMCROP). All Undergraduate students have to spend 10 hours per semester during their first year in these villages. The students undertake various activities for creating awareness in basic education, environmental education, health and hygiene, nutrition, consumer rights, food adulteration, savings and insurance schemes in banks and other developmental programmes.

Blood Donation in our college becomes a boon to needy patients in and around Tiruchirappalli. Our students willingly donate a large quantity of blood frequently as and when required. The patients requiring blood approach us with a certificate of

recommendation from a doctor. The staff-in-charge of the service organizations in our college identifies the donors with the required blood group and sends them to the desired destination.

The unique Anti-Dowry Association functions under a staff-in-charge. The members of the Association organize many awareness programmes. Debate, mime, drama and pamphlets distribution highlighting the evils of dowry are undertaken inside the college and for the public. Live programmes are broadcast on All India Radio to create awareness among the people. Every member of the Association takes a pledge not to give or receive dowry in any mode. Cards containing the pledge are also distributed to other students.

The Baithulmal is funded by the generous contribution of the staff members. This fund is utilized for the financial support to the needy and down-trodden people for the purposes of conducting marriage, taking medical treatment and providing education to the members of the deserving family.

5. Evidence of Success:

The excellent features of the best practices, embedded in various identified extension activities, provide a promising trend in the shaping of a better nation.

- ❖ Our NCC cadets participate in the Republic Day Parade held at New Delhi, every year.
- ❖ Capt. N. Abdul Ali was given 'The Best Associate NCC Officer Award' by the Group Commander, NCC, Tiruchirappalli.
- ❖ A record number of NCC Cadets attended many special camps held at various states of the country.
- ❖ There are seven NSS Programme officers with 5 units for men and 2 units for women students. In each unit there are 100 student volunteers performing various welfare activities.
- ❖ A plethora of activities are conducted every year in many places in and around Tiruchirappalli.
- ❖ Mr. A. Abdul Hakeem, Assistant Professor of English, received the 'Best NSS Programme Officer Award' by Bharathidasan University in 2012. The Ministry of Youth Affairs and Sports, Government of Tamil Nadu presented the Best NSS Programme Officer Award' to him in 2014. He also led the NSS contingent of south zone in the Republic Day Parade, held at New Delhi.
- ❖ Mr.M.Tamil Selvam (2008-09) and Mr. Mayandi (2009-10) received the Best NSS Volunteers Award by Government of Tamil Nadu.
- ❖ Mr. S. Sathish Kumar (2012-13) received the Best NSS volunteers Award by Government of Tamil Nadu.
- ❖ As a unique feature, 1200 units of blood are donated by the members of service associations every year.
- ❖ All the members of Anti-Dowry Association have not collected dowry at the time of their marriage. Feedback from members on the alumni day of the above Association vouchsafes this healthy practice.
- ❖ Anti-Dowry Association, Leo and Rotaract clubs publish magazines with titles 'Sangamam', 'Pirathipalippu', 'Jamfo', 'Petals', 'Siragugal' and 'Ethiroli' consisting of various articles on socially relevant themes.
- ❖ Financial assistance from Baithulmal (Charity Fund) was provided to 143 persons for their marriage expenses, 20 beneficiaries for medical treatment and 18 children

for education in the year 2013-14. The total amount dispersed was to the tune of Rs. 5,25,000/-.

6. **Problems Encountered and Resources Required:**

❖ To identify villages for organizing NSS camps within 23 Kms distance becomes a problem because of the fact that places are either semi-urban or urban with moderate development. If the distance limit is relaxed, it will be possible for us to organize camps at various villages.

❖ Unwilling and uneducated villagers do not co-operate when we organize camps there. The Government may take some initiatives for creating awareness among them.

❖ Obtaining permission from local Government authorities concerned is a problem encountered in organizing awareness rallies. The rules and regulations may be simplified based on the importance of the programmes.

❖ NCC cadets find it difficult to attend the training camps due to loss of academic input, though cadets are given concession by way of grace marks in the internal assessment component. To solve this problem, camps may be organized during the twin semester vacations.

❖ Donating blood during the examination period becomes a problem to the students. On such occasions, alternate sources may be identified.

❖ Though we have an Anti-Dowry Association for women, the practice of giving dowry is still in vogue due to societal compulsion. The parents of both parties must be given more awareness on this issue.

7.4 Contribution to environmental awareness / protection

❖ Many awareness programmes are conducted by NSS officers and Volunteers on 'Global Warming' and 'Dangers of Carbon Emission'.

❖ More saplings are planted in the college and hostels to ensure a clean and green environment.

❖ The college is maintained as a plastic-free and smoke-free campus.

❖ Environmental Education is given to all the UG students.

7.5 Whether environmental audit was conducted?   Yes [✓]   No [ ]

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

❖ A 64-year old aided College with Autonomous status and Potential for Excellence.

❖ The college offers 19 UG programmes, 20 PG programmes, 15 M.Phil. programmes, 15 Ph.D. programmes, 7 PG Diploma programmes and 8 Career-Oriented programmes under semester pattern following Choice Based Credit System. The total credits to be earned for UG programmes, PG programmes and M.Phil. programmes are 140, 90 and 40 respectively.

❖ The curriculum/course structures of all the programmes are revised and updated every three years. The professional programmes such as MCA, MBA and MSW have a different course structure to include more courses relevant to the requirements of the industry.

However, flexibility is provided to make changes in the curriculum/syllabi as and when required subject to the approval of the Academic Council.

- ❖ Options are provided for the UG students to choose their Part-I Language from among five languages – Tamil, Arabic, French, Hindi and Urdu.

- ❖ The college offers inter-disciplinary programmes both at the UG and PG levels. At UG level, BCA, B.Sc. (Information Technology), B.Sc. (Nutrition and Dietetics), B.Sc. (Fashion Technology), and B.Sc. (Hotel Management and Catering Science) programmes are offered. MBA, MCA, MSW, M.Sc. (Microbiology), M.Sc. (Biotechnology), M.Sc. (Computer Science), M.Sc. (Information Technology), M.Sc.(Nutrition and Dietetics), and M.Sc. (Fashion Technology and Costume Designing) are the inter-disciplinary programmes offered at the PG level.

- ❖ 114 students have obtained ranks in the University Combined Rank Examinations during the last five years.

- ❖ 74 of our students have cleared UGC-NET/SLET examinations during the last five years.

- ❖ 79 faculty members have passed UGC-NET / SLET examinations.

- ❖ 20 faculty members have taken up 21 ongoing minor/major research projects with a grant of Rs.3,40,32,533/- including a major research project funded by Swiss National Science Foundation, Switzerland worth Rs. 1,94,00,000/- during the last five years

- ❖ The faculty members have published 1499 research articles in refereed international/ national journals. 2027 research papers have been presented by our faculty members in various national/international/state/regional level seminars and conferences during the period 2009-2014

- ❖ 56 Gene sequences have been submitted by our faculty members to NCBI Data base during the period 2009-2014.

- ❖ Our college has a unique Anti-Dowry Association which creates awareness among the youth to eradicate the social evil, dowry system.

- ❖ Our students voluntarily donate around 1200 units of blood every year to the needy patients in and around Tiruchirappalli for which the college has bagged the Highest Blood Donation Award many times.

- ❖ The leased-line internet facility has been upgraded to a bandwidth of 50 Mbps and the entire campus is Wi-Fi enabled for accessing e-resources to facilitate teaching-learning process.

- ❖ 1425 computer systems are available in the college campus. This includes those housed in all the departments, college administrative offices, general library, browsing centre, communication labs and COE office.

- ❖ Uninterrupted power supply is ensured by the use of 22 generators in the college campus and hostels.

- ❖ Student representation in all the committees constituted for the effective implementation of the autonomy programme.

8. **Plans of institution for next year**

- ❖ To prepare Self Study Report (SSR) for 3rd Cycle of NAAC Reaccreditation
- ❖ To revise the syllabi for all the programmes
- ❖ To organize conferences / seminars in all the departments
- ❖ To sign MOU's with reputed institutions
- ❖ To invite more companies for placement
- ❖ To invite subject experts in different faculties for academic enrichment.
- ❖ To conduct awareness programmes for the students under Part-V activities.

Dr.A.Mohamed Ibraheem
Signature of the Coordinator, IQAC

Dr.S.Mohamed Salique
Signature of the Chairperson, IQAC

ACADEMIC CALENDAR OF THE YEAR 2013-2014

Schedule of Meetings: Odd Semester 2013 – 2014

S.No.	Date	Day & Time	Name of the Meeting
1	30.04.2013	Tuesday, 11.30 a.m.	Admission Committee
2	30.05.2013	Thursday, 3.30 p.m.	Examination - Disciplinary Committee
3	27.06.2013	Thursday, 3.30 p.m.	Part-V Meeting
4	26 to 28.06.2013	Wednesday to Friday	Bridge Course
5	08.07.2013	Monday, 11.30 a.m.	HOD Meeting
6	17.07.2013	Wednesday, 12.30 p.m.	Alumni Association
7	18.07.2013	Thursday, 3.30 p.m.	Anti Ragging Committee
8	26.07.2013	Friday, 05.30 p.m.	Special Ifthar
9	15.08.2013	Thursday, 10.30 a.m.	Alumni Get-to-gather
10	24,25 & 26.08.2013	Saturday, Sunday & Monday	Khajamian Hockey Tournament
11	30.08.2013	Friday, 12.30 p.m.	Sports Committee – Men
12	31.08.2013	Saturday, 4.30 p.m.	Sports Committee – Women
13	05.09.2013	Thursday, 3.30 p.m.	Sports Day – Men
14	06.09.2013	Friday, 3.30 p.m.	Sports Day - Women
15	07,08,09 &10.09.2013	Saturday, Sunday, Monday, Tuesday	Jamal Mohamed Trophy – Football
16	11.09.2013	Wednesday, 3.30 p.m.	JAMCROP, I U.G. Tutors (Aided&SF)
17	12.09.2013	Thursday, 03.30 p.m.	Planning & Evaluation
18	16.09.2013	Monday, 3.00 p.m.	Research Committee
19	18.09.2013	Wednesday, 3.30 p.m.	Entrepreneurship Development Cell
20	20.09.2013	Friday, 3.30 p.m.	Students Welfare Committee
21	23.09.2013	Monday, 3.30 p.m.	Library Committee
22	25.09.2013	Wednesday, 3.30 p.m.	Placement Committee
23	28.09.2013	Saturday, 3.30 p.m.	Extra Curricular Activities
24	04.10.2013	Friday, 3.30 p.m.	Grievance Appeal Committee
25	07.10.2013	Monday, 3.30 p.m.	IQAC
26	08.10.2013	Tuesday, 3.30 p.m.	Examination Committee
27	09.10.2013	Wednesday, 11.30 a.m.	Students Rep. Meeting (UG,PG-Aided)
28	10.10.2013	Thursday, 11.30 a.m	Students Rep. Meeting (SF-MEN)
29	11.10.2013	Friday, 4.30 p.m.	Students Rep. Meeting (SF-WOMEN)
30	12.10.2013	Saturday, 10.30 a.m.	Academic Council
31	12.10.2013	Saturday, 2.00 p.m.	Finance Committee
32	26.10.2013	Saturday, 10.30 a.m.	Governing Body Meeting

Schedule of Meetings: Even Semester 2013 – 2014

S.No.	Date	Day & Time	Name of the Meeting
1	18.12.2013	Monday, 03.30 p.m	Examination disciplinary Committee
2	04.01.2014	Saturday	Board of Studies – I (Internal)
3	08.01.2014	Wednesday, 03.30 p.m	NAAC Core Committee
4	09.01.2014	Thursday, 03.30 p.m	Extra Curricular Activities Committee
5	17.01.2014	Friday, 03.00 p.m	Library Committee
6	21.01.2014	Tuesday, 03.30 p.m	Students welfare Committee
7	27.01.2014	Monday, 03.30 p.m	Grievance Appeal Committee
8	28.01.2014	Tuesday, 03.00 p.m	Planning and Evaluation Committee
9	04.02.2014	Tuesday, 12.30 p.m	Research Committee
10	06.02.2014	Thursday, 12.15 p.m	Placement Officer Meeting
11	12.02.2014	Wednesday, 03.00 p.m	Internal Quality Assurance Cell
12	18.02.2014	Tuesday, 03.30 p.m	Academic Audit Committee
13	19.02.2014	Wednesday	Board of Studies – II (Internal)
14	01.03.2014	Saturday	Board of Studies (External)
15	15.03.2014	Saturday, 10.30 a.m	Academic Council
16	15.03.2014	Saturday, 03.30 p.m	Finance Committee
17	29.03.2014	Saturday	Governing Body

ANALYSIS OF FEEDBACK

- ❖ The meritorious alumni of our College were invited to the respective Board of Studies Meeting and their suggestions were carried out while framing the new syllabi.

- ❖ The parents were invited to offer their feedback while visiting the College for updating the academic performance of their wards.

- ❖ The Board of Studies members include, the representatives from corporate sector. Their recommendations are carried out in the revision of syllabi to suit the current scenario and in the placement opportunities.

- ❖ Students feedback on academic and campus environment is collected every year for improvement.