

# INDIAN ACADEMY

## DEGREE COLLEGE

*Affiliated to Bangalore University*

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## SELF STUDY REPORT - II CYCLE SUPPLEMENTARY FILE

Submitted to:  
**The Director**

**National Assessment and Accreditation Council (NAAC)**  
Nagarbhavi, Bangalore-56072, Karnataka

**March 2016**





## **CRITERION I:**

### **Curricular Aspects**



## CRITERION I: CURRICULAR ASPECTS

### Curriculum Planning and Implementation

In consonance with the University Calendar, Curriculum Action Plan and Implementation Committee (CAPIC) prepared the college calendar of events for the academic year 2014-15, 2015-16 and made it available to all concerned stakeholders including faculty and students.

### Orientation Programme

In-house orientation classes on Choice Based Credit System (CBCS) and many other topics pertinent to Personality Development skills were planned for all the UG and PG students in the beginning of the academic year and the same were implemented as part of orientation programme by in-house faculty members.

CBCS	Placement and Career
Smart Goal Setting	Personality Grooming
Motivation	Attitude (positive vs negative)
Add on Programmes	Study Skills, Note Taking, Memory
Morals, Values and Campus Culture	Peer Group Influence
Stress Management	Entrepreneurship
Time Management	Social Responsibility
Reading and Writing Skills	Interpersonal Skills
Desire to Learn (D2L)	Successful Student Habits
Turning Point	Happiness and Success in Life

### Implementation of Curriculum

Semester based Time-Table was prepared by the CAPIC of the Institution. The lesson plans were also prepared for each subject by the faculty concerned and the Work Dairy was maintained to record the proceedings of the classes.

### Faculty Recharge Programmes

Teachers were encouraged to attend the Seminars/Workshops/Conferences in their respective areas of interest conducted by various Institutions.

In-house Faculty Development Programme (FDP) called 'SRUJANA' was organized in the year 2014-15 and 2015-16. Subject experts from recognized institutions and industries were the resource persons for these programmes. SRUJANA-2014 was conducted from 10<sup>th</sup> to 12<sup>th</sup> July 2014 at the college premises. Major parts of the FDP programme were;

- Topics on SWOC analysis
- ICT in Teaching
- Role of Faculty in Case study Analysis
- Role play Simulation and Games in Teaching
- Efforts to make it 100
- How to be a Masterful Teacher

The resource persons were;

- Dr. Nagaraj Shenoy
- Prof. Murali Murti
- Prof. B. Kumar
- Mr. Vivekananda
- Dr. Satish Kumar
- Prof. Shadaksharappa
- Dr. N. Jayashankaran

SRUJANA for the year 2015 was conducted from 25<sup>th</sup> to 27<sup>th</sup> June 2015. Major parts of the FDP programme were;

- Art of Doing Creative Research
- Teaching is a Performing Art
- Team work
- Breaking Silos

The resource persons were;

- Dr. N Jayashankaran
- Mr. Mahesh Masai
- Mr. C. Mahalingham
- Ms. Jahnvi Gurjer

Faculty retreat was organized on the last day of the training programme at Hotel Guest Line, Bangalore.

In addition, Guest Lecture Series and Industrial Visits were organized to provide industrial interface and exposure to both faculty and students.

### **Support from University and College**

Bangalore University had organized a Seminar on 'Learning Outcome of Higher Education and Online Affiliation Filling'. Some of our faculty members had participated in this programme.

The College continued its contribution for Curriculum Development by encouraging faculty members to serve on University Bodies and many faculty members represent the Board of Examiners, Reviewers and Evaluators.

The following faculty members have served as Board of Studies (BoS) members at Bangalore University for the academic year 2014-15.

- Dr. Mahuya De Ghosh - Chemistry
- Prof. Geetha Ravi - English
- Dr. M. Devendra - Tourism

The following faculty members had served as Board of Examiners (BoE) at Bangalore University for the academic year 2014-15.

- Dr. Mahuya De Ghosh - Chemistry
- Prof. Lakshmikanthamma - Mathematics
- Prof. Leena Fernandes - English
- Prof. Geetha Ravi - English
- Dr. M. Devendra - Tourism

### **Network with Industries and Institutions**

For the effective implementation of curriculum, more associations with industry and institutions were established during the last two years.

The college has organized Confluence, Seminars and INSPIRE Programme. These initiatives have also helped in establishing associations with subject experts from several institutions which have contributed to the revision and effective implementation of curriculum.

### Academic Flexibility

New Value Added Programmes were introduced through Indian Academy Centre for Professional Excellence (IACPE) during the last two years. The following are the major value added/certificate/skill development courses conducted by IACPE.

Sl. No	Name of the Course/Subject	Objectives	Target Group
1.	DUNAMIS 2015 on Image Building	Emphasizing the importance of self confidence in achieving the dreams with undivided attention and focus.	I and III Semester B.Sc/BA
2.	SCILAB and Maxima	To enable students to solve problems relating to Matrix, Trigonometry functions, Differentiation and Derivatives	V and VI Semester B.Sc EMCs students
3.	Molecular Cloning	To enable students to comprehend the fundamentals of Molecular Cloning techniques through Lecture and Hands-on experimental sessions	M.Sc., Life Science students
4.	Tally ERP 9	To educate students about the various processes involved in accounting by giving them a hands-on experience through Tally.	VI Semester B.Com
5.	Quantitative Aptitude	To Enhance employability skills of the students by preparing them for the various preliminary rounds during placement process.	IV and VI Semester BBM students
6.	DUNAMIS 2015 on Career Development	Enable and equip students to face up to the challenges of the ever-growing competition.	V Semester B.Com
7.	DUNAMIS 2015 on Campus Recruitment and Training	Help acquire skills required for specific areas of interest to be successful in the recruitment process.	V Semester BBM/BCA
8.	Dot Net Program	To help students to develop their projects in the final semester by application of DotNet and to open up avenues for employability.	V Semester BCA
9.	Systems Biology	To educate students about the practical aspects of Systems Biology for higher studies.	M.Sc Biotechnology and Microbiology, B.Tech
10.	Oratory Skills	To develop public speaking skills such as extempore, presentation and debate.	I Semester B.Com/BA/BSc

Sl. No	Name of the Course/Subject	Objectives	Target Group
11.	Advanced Excel	The students will learn to use advanced functions of Excel to improve productivity, enhance spreadsheets with templates, charts, graphics, and formulas and streamline their operational work.	VI Semester B.Com IV & VI Semester BBM
12.	Oracle with c#.net	Connect to an Oracle Database using Oracle Data Provider for NET and control parameters that manage database connection pooling	I Semester M.Sc Computer Science students
13.	DOTNET training to develop Web Applications in ASP.NET	To help the application of DotNet and to open up avenues for employability.	V Semester BSc Students
14.	Capture and PCB Editor	To help students to create electronic schematics and electronic prints for manufacturing printed circuit boards.	VI Semester EMCS students

### Curriculum Enrichment

#### Academic Audit

The College in association with IQAC conducts periodical quality assessment by External Peer Review Committees to ensure effective planning and implementation of academic programmes. Academic audit was carried out for the year 2013-14 and 2014-15 for assessing the performance of academic and administrative units of the college. The audit report has given valuable suggestions to sustain and improve academic standards.

Our College has taken many initiatives to supplement the curriculum. Some of those initiatives are invited lectures by Eminent Scientists from advanced research institutions and Research and Development divisions of various industries to provide ample learning opportunities on important topics.

#### New Programmes/Courses

The following Post Graduation courses have been introduced to provide enough flexibility for the students to select their own courses of study depending on their aptitude and interest.

1. MA in Economics,
2. MA in English,
3. M.Sc., Computer Science,
4. M.Sc., Physics.



### Cross Cutting Issues and Institutional Efforts

Cross Cutting Issues	Institutional Efforts
Gender	Gender sensitization for the faculty members by Dr. T. Somasekhar in the last week of January 2015
	Guest Lecture on 'Eve Teasing and Stalking Syndrome' by Mrs. Shobha S, Vice President, Karnataka State Committee, All India Mahila Samskrutikha Sangathane on 9 <sup>th</sup> Jan 2015
	Guest lecture on "Precaution and Palliative Care for Cancer in Women" by Mr. Nandakishore, We Care Society on 5 <sup>th</sup> Feb 2015
	Free self defense class for UG students in the last week of February 2015 by Women's Council
	International Women's Day Celebration on 9 <sup>th</sup> March 2015
	Free health camp for women staff of IADC on 27 <sup>th</sup> Mar 2015 by Thyrocare
	Gender sensitization programme for the UG students on 22 <sup>nd</sup> Jun 2015 by Dr. Deepa B.M
	Expert talk on "Gynaecological Cancer" by Dr. Shobha, Department of Gynaecology, KIMS, Bangalore on 14 <sup>th</sup> Nov 2015
	International Women's Day Celebration on 8 <sup>th</sup> March 2016
Climate Change	World Environment Day celebrations in association with Karnataka State Council for Science and Technology (KSCST) on 5 <sup>th</sup> June 2014
	Sapling plantation programme on 29 <sup>th</sup> Aug 2014
Environmental Education	Organized World Biofuel Day competitions in association with KSCST at Mount Carmel College on 11 <sup>th</sup> Aug 2014 Dr. Sibi G
	Training session on 'Hazardous Waste Management' organized by Dr. Sibi G on 10 <sup>th</sup> Mar 2015.
	Energy Conservation workshop in association with TERI, Bangalore under 'Vidyuth Jagruthi Yojane' on 10 <sup>th</sup> Apr 2015
	Field visit to A Rocha to understand the "Man Animal Conflict" and Bird Monitoring on 23 <sup>rd</sup> Jan 2015
	Field visit to Renewable Energy, Energy Conservation, Environment Protection & Biofuel unit at Mahatma Gandhi Institute of Rural Energy & Development, Bangalore on 25 <sup>th</sup> Jan 2016



## **CRITERION II:**

### **Teaching, Learning and Evaluation**



## CRITERION II: Teaching, Learning and Evaluation

### Student Enrolment and Profile

#### Publicity and Transparency

The existing website ([www.iadcollege.com](http://www.iadcollege.com)) has been upgraded ([www.indianacademy.edu.in](http://www.indianacademy.edu.in)). It provides all information related to the college and its happenings in a systematic and structured way. Online applications, admission related information about the courses available in UG and PG sections, Enrolment of Applications, Eligibility Criteria, Duration of the Course, Curriculum, Faculty, etc are also uploaded. The current website is dynamic in nature since it gives information on many ongoing programmes and their schedules on a regular basis.

Admission Mechanisms in the institution to review the admission process and student profiles annually

- Merit : Meritorious students from different backgrounds.
- Gender : Equity for both genders of students.
- Category : Students from different categories such as Minorities, SC-ST backgrounds, Sports Achievers, etc
- Geographical Location : Students from Bangalore and other parts of the Karnataka, other States of India, and from other Countries

**Table showing inclusion of students from different categories during 2014-15**

Categories	2014-15		
	Male	Female	Total
SC	78	57	135
ST	16	6	22
OBC	315	134	449
Minority	102	31	133
General	150	74	224
<b>Total</b>	<b>661</b>	<b>302</b>	<b>963</b>

**Course Wise Enrolment details for 2014-15**

Course	Number of applications received	Number of students admitted	Demand Ratio (%)
BCA	94	81	116
BBM	109	93	117
B.Com.	419	373	112
B.A.	49	37	132
B.Sc.	67	58	115
M.Sc. Biotechnology	21	15	140
M.Sc. Microbiology	12	8	150
M.Sc. Applied Genetics	2	0	-
M.Sc. Chemistry	38	29	131
M.Sc. Biochemistry	29	21	138
M.Com.	59	47	125

Course	Number of applications received	Number of students admitted	Demand Ratio (%)
MIB	9	8	112
MFA	42	40	105
MTA	26	16	162

### IQAC contribution to improve the Teaching-Learning Process

- Communication of quality parameters specified by NAAC from time to time to departments which helps in setting departmental objectives and formulating plan of action.
- Academic audits.
- Regular analysis of student and faculty feedback.
- Implementation of the valid suggestions/inputs from feedback to enhance teaching-learning process.
- Staff development programmes to deliver high quality teaching.
- Training programmes to enhance their functional efficiency.

### Staff Development Programmes

#### Faculty Training Programmes

Training Programmes	Date
Faculty Development Program 'SRUJANA'	10 <sup>th</sup> - 12 <sup>th</sup> July 2014
Guest Lecture on 'Learning Teachers Make Learning Institutions' by Prof. Arulraja, NLP Trainer and Author	8 <sup>th</sup> January 2015
Lecture on Yoga by Dr. M. Devendra, IADC	19 <sup>th</sup> June 2015
Faculty Development Program 'SRUJANA'	25 <sup>th</sup> - 27 <sup>th</sup> June 2015
Guest Lectures on 'Indian Constitution' by Dr. V. S. Elizabeth, National Law School of India University and Prof. Nigam Nuggehalli, Azim Premji University, Bangalore	26 <sup>th</sup> November 2015
Seminar on 'Autonomy' by Prof. Aloysius Edward, Kristu Jayanti College & Prof. Veena Sachidananda, Mount Carmel College	28 <sup>th</sup> November 2015
Guest lecture on 'How to write Research Paper' by Dr. Sony Mathews, International Islamic University, Malaysia	2 <sup>nd</sup> January 2016
State Level Seminar on 'Quality Enhancement and Sustenance in Higher Educational Institutions-Post Accreditation Scenario'	29 <sup>th</sup> February 2016

### Cross Cutting Issues

#### Environmental Issues

Activity	Date
World Environment Day celebrations in association with Karnataka State Council for Science and Technology (KSCST)	5 <sup>th</sup> June 2014
Sapling Plantation programme	29 <sup>th</sup> Aug 2014
Training session on 'Hazardous Waste Management' by Dr. Sibi G	10 <sup>th</sup> Mar 2015

### Gender Issues

Activity	Date
Gender sensitization for the faculty members by Dr. T. Somasekhar	Last week of January 2015
Guest Lecture on 'Eve teasing and Stalking syndrome' by Mrs. Shobha S, Vice President, Karnataka State Committee, All India Mahila Samskrutikha Sangathane	9 <sup>th</sup> Jan 2015
Guest lecture on "Precaution and Palliative Care for Cancer in Women" by Mr. Nandakishore, We Care Society	5 <sup>th</sup> Feb 2015
International Women's Day Celebration	9 <sup>th</sup> March 2015
Free Health Camp for Women Staff of IADC by Thyrocare	27 <sup>th</sup> Mar 2015
Expert talk on "Gynaecological Cancer" by Dr. Shobha, Department of Gynaecology, KIMS, Bangalore	14 <sup>th</sup> Nov 2015
International Women's Day Celebration	8 <sup>th</sup> March 2016

### Evaluation Process and Reforms

Following are some of the evaluation reforms of the University which are shown below. In addition, the institution has initiated additional reforms on its own.

In the year 2014, Bangalore University has revised the existing syllabus and introduced CBCS syllabus in UG and PG courses. As per this reform, in most papers, 70% of the marks are dedicated to theory base and 30% are towards internal assessment. Internal marks are based on assignments, mid-semester and end-semester examination scores and attendance of the students.

The CBCS syllabus emphasizes on holistic development of the students by introducing Foundation courses / Development / Inter-disciplinary courses (Common for all programs) and also by giving credits for participating in co-curricular and extra-curricular activities.

CBCS syllabus has redefined the declaration of classes on the basis of percentage of aggregate marks as follows:

First class with distinction	70% and above (A+, A++ or O)
First class	60% and above < 70% (A)
High second class	55% and above < 60% (B+)
Second class	50% and above < 55% (B)
Pass class	40% and above < 50% (C)

**List of faculty members who have participated in seminars, workshops, conferences, etc organized by other institutions during 2014-15 and 2015-16**

Sl. No.	Faculty	Workshop/Seminar	Date	Organized By
1	Ms. Pynthamil Selvi. S (Journalism)	Seminar on Media and Entertainment	07-Feb-14	COMMITTS Institute of Journalism and Mass Communication, Bangalore
2	Ms. Babita Das (English)	International Seminar on "Post Colonial voices in south Asian literature and cinema	7-8 Feb 2014	Garden City College, Bangalore
3	Ms. Geetha Ravi (English)	International Seminar on 'Post Colonial voices in south Asian literature and cinema'	7-8 Feb 2014	Garden City College, Bangalore
4	Ms. Sitara (Commerce)	Empowering employability in higher education	6-7 Feb 2014	Mount Carmel College, Bangalore
5	Mr. Prasanna Srinivas (Microbiology)	Workshop on Wine processing and Wine tasting	13-Feb-14	Heritage Grape Winery
6	Ms. Shubha Bhadran (Genetics)	Computational Biology Application	14-15 Feb 2014	MLA College, Bangalore
7	Ms. Vanitha Ramesh (Genetics)	Computational Biology Application	14-15 Feb 2014	MLA College, Bangalore
8	Mrs. Vedashree S. (Microbiology)	KSTA Regional Conference on "Science and Technology for education and health care"	21-22 Feb 2014	JSS College of Arts, Commerce and Science, Mysore
9	Dr. Geetika Pant (Biotechnology)	International Seminar on "Sandalwood: Current Trends and Future Prospects"	26-28 Feb 2014	Institute of Wood Science and Technology, Bangalore
10	Ms. Deepa B. M.(Genetics)	Sandalwood: Current trends and future prospectus	26 -28 Feb 2014	Institute of Wood Science and Technology, Bangalore
11	Ms. Varsha Madhavan (Commerce)	Paper Presentation "The Concept of Ethical Banking"	28-Feb-14	Christ University, Bangalore
12	Ms. Geetha Ravi (English)	National Symposium on Collasium after theory revisiting Chinuacheve	21- Mar-14	St. Claret College, Bangalore



Sl. No.	Faculty	Workshop/Seminar	Date	Organized By
13	Dr. P. Nataraja (Kannada)	State Level Seminar on “Dr. Chandra Shekara Kambaarara Saahitya – Ondu Avalokana ”	28-Mar-14	SJR College, Bangalore
14	Mr. Ravi Shankar. J (Kannada)	State Level Seminar “Dr. Chandra Shekara Kambaarara Saahitya – Ondu Avalokana”	28-Mar-14	SJR College, Bangalore
15	Mr. Mahalingaiah. V (Kannada)	State Level Seminar “Dr. Chandra Shekara Kambaarara Saahitya – Ondu Avalokana ”	28-Mar- 4	SJR College, Bangalore
16	Mr. Prasanna Srinivas (Microbiology)	Finger printing technology, molecular markers and bioinformatics	01-Mar-14	Dayananda Sagar Institutions, Bangalore
17	Ms. Malasa M.R (Electronics)	National Conference on "Recent Trends in Electronics and its Applications"	14-15 Mar 2014	Govt. First Grade College, Bangalore
18	Ms. Latha. V (Chemistry)	One day symposium "Chem-Thirst 2014"	09-Apr-14	NMKRV College for Women, Bangalore
19	Ms Lakshmi K (Commerce)	IFRS workshop	12-Apr-14	St. Joseph's College of Commerce, Bangalore
20	Ms. Lakshmi kanthamma (Mathematics)	National Conference on Emerging Trends in Mathematics	25-Apr-14	Government Science College, Bangalore
21	Ms. Meena Devi.A (Mathematics)	National Conference on Emerging Trends in Mathematics	25-Apr-14	Government Science College, Bangalore
22	Ms. Putul Dutta (Mathematics)	National Conference on Emerging Trends in Mathematics	25-Apr-14	Government Science College, Bangalore
23	Ms. Lakshmi kanthamma (Mathematics)	Workshop on Scilab and Maxima (FOSS)	Jun-14	Central College, Bangalore
24	Ms. Lakshmi K (Commerce)	Re-Orientation of V Semester B.Com and BBM Syllabus	21-Jun-14	Bangalore University, Bangalore
25	Ms. Indrani C (Commerce)	Reorientation of B.Com and BBM syllabus	21-Jun-14	BUTCCM, Banglaore

Sl. No.	Faculty	Workshop/Seminar	Date	Organized By
26	Dr. P. Nataraja (Kannada)	State Level Conference “ Kannada Adhyapakara Samaavesha ”	27-Jun-14	Bangalore University, Bangalore
27	Mr.Ravi Shankar. J (Kannada)	State Level Conference “ Kannada Adhyapakara Samaavesha ”	27-Jun-14	Bangalore University, Bangalore
28	Mr. Mahalingaiah. V (Kannada)	State Level Conference “ Kannada Adhyapakara Samaavesha ”	27-Jun-14	Bangalore University, Bangalore
29	Dr. Sibi G (Biotechnology)	37 <sup>th</sup> Series of Seminar and Exhibition of Student Project Programme	28-29 July 2014	Karnataka State Council for Science and Technology
30	Mr. Rajarajan P. (Microbiology)	Training on Cell Culture assays and Flow cytometric studies	14 -19 Jul 2014	Skanda Life Science Pvt. Ltd
31	Dr. Sibi G (Biotechnology)	National Conference on bioremediation	09-Aug-14	Royal College of Arts and Commerce, Thane
32	Ms. Jaya Lakshmi (English)	Usage of ICT in Language Classes	21-Aug-14	American Library - Chennai
33	Ms. Liji Suresh (English)	Usage of ICT in Language Classes	21-Aug-14	American Library - Chennai
34	Ms.Lisha Nilesh (English)	Usage of ICT in Language Classes	21-Aug-14	American Library - Chennai
35	Ms. Ramya B.S (Biochemistry)	Women in Science: A career in Science	22-23 Aug 2014	CMRIMS College, Bangalore
36	Ms. Pushpa Reddy (Biochemistry)	Women in Science: A career in Science	22-23 Aug 2014	CMRIMS College, Bangalore
37	Ms. Swathi Baskaran (Chemistry)	Workshop on NMR spectroscopy	1st Sep 2014	Central College, Bangalore
38	Mr. Nagarjuna. G (Tourism Studies)	National Seminar on Research in Education for sustainable development	5-Sep-2014	Christ University, Bangalore
39	Ms. Prasanthi K (Biochemistry)	Applying New Generation Sequencing in Basic Research, Agriculture & Healthcare	11-Sep-14	Genotypic Technologies, Bangalore.

Sl. No.	Faculty	Workshop/Seminar	Date	Organized By
40	Ms. Hellen Prema (Psychology )	State Level Symposium and workshop on Life Skills Counselling	17-Sep-14	The National Degree College
41	Dr. E. Jerome Xavier (Principal)	National Conference on HR Practices in Higher Educational Institutions	18-Sep-2014	SJCC, Bangalore
42	Ms. Swathi Baskaran (Chemistry)	Resource Generation Camp	24-27 Sep 2014	Homi Bhabha Centre for Science Education, Mumbai
43	Mr. Thamotharan A (PG Commerce)	Risk Management through Financial & Commodity Markets	25-26 Sep 2014	Kristu Jayanti College Bangalore
44	Mr. Sharath Harady (Management)	International Conference on Risk Management Through Financial and Commodity Market	25-26 Sep 2014	Kristu Jayanti College Bangalore
45	Mr. Jaffer Mohammed C (PG Commerce)	Risk Management through Financial & Commodity Markets	25-26 Sep 2014	Kristu Jayanti College, Bangalore
46	Dr. E. Jerome Xavier (Principal)	State Level Conference on "Emerging Trends and Challenged in Commerce and Management Studies	26-Sep-2014	KEN Trust Golden Jubilee college
47	Ms. Sushma Shree S.P (Commerce)	Need for Value Based Education and Teaching Skills in Changing Academic Practices and Implementation & Impact of IFRS in India	09-Oct-14	Seshadripuram Academy of Business Studies, Bangalore
48	Ms. Malasa M.R (Electronics)	International Conference on "Advances in Electronics, Computer and communications (ICAECC)	10-11 Oct 2014	Reva University, Bangalore
49	Ms. Maria T.V (Electronics)	International Conference on "Advances in Electronics, Computer and communications (ICAECC)	10-11 Oct 2014	Reva University, Bangalore
50	Ms. Meena Devi. A (Mathematics)	National Seminar on "Topology & Mathematical Modelling"	11-Oct-14	KLE College, Bangalore

Sl. No.	Faculty	Workshop/Seminar	Date	Organized By
51	Ms. Putul Dutta (Mathematics)	National Seminar on "Topology & Mathematical Modelling"	11-Oct-14	KLE College, Bangalore
52	Mr. Rajarajan P. (Microbiology)	National Seminar cum Workshop on 'Cell culture and Molecular Techniques in Animal Biotechnology'	5-11 Nov 2014	Bharathidasan University, Tiruchirapalli
53	Dr. Sibi G (Biotechnology)	National Conference on Healthy Life Style and Human Welfare	19-20 Nov 2014	Bangalore University, Bangalore
54	Mr. L. Leo Gladwin (Commerce)	Inclusive and Sustainable growth for emerging economies like India	09-Dec-14	T. John's Institute of Management and science, Bangalore
55	Mr. Prasanna Srinivas (Microbiology)	UGC sponsored state level seminar on Kaleidoscope	10-Dec-14	St. Joseph's College, Bangalore
56	Ms. Abhishiktha Basu (Microbiology)	UGC sponsored state level seminar on Kaleidoscope	10-Dec-14	St. Joseph's College
57	Ms. Sangeetha Menon (Microbiology)	UGC sponsored state level seminar on Kaleidoscope	10-Dec-14	St. Joseph's College, Bangalore
58	Ms. Bhavika Soni (Microbiology)	UGC sponsored state level seminar on Kaleidoscope	10-Dec-14	St. Joseph's College, Bangalore
59	Dr. Sibi G (Biotechnology)	National Conference on Trends in Management of Academic Libraries in Digital Environment	19-20 Dec 2014	Jain University, Bangalore
60	Ms. Ekta Jain (Management)	Creating and Sustaining value through Branding	07-Jan-15	Kristu Jayanti College Bangalore
61	Mr. L. Leo Gladwin (Commerce)	Business Taxation and IFRS	07-Jan-15	SSMRV college and Bangalore University
62	Dr. Geetika Pant (Biotechnology)	Workshop on "Learning outcome of Higher Education	08-Jan-15	Bangalore University
63	Ms. Deepa B. (Genetics)	Workshop on Learning outcome of higher education	08-Jan-15	IQAC, Bangalore University

Sl. No.	Faculty	Workshop/Seminar	Date	Organized By
64	Ms. Lakshmi kanthamma (Mathematics)	Workshop on Scilab and Maxima (FOSS)	9-10 Jan 2015	Maharani Lakshmi Ammani College (MLA), Bangalore
65	Ms.Meena Devi. A (Mathematics)	Workshop on Scilab and Maxima (FOSS)	9-10 Jan 2015	MLA College, Bangalore
66	Dr. Selvam Arjunan (Biotechnology)	National Seminar "Prospects and Challenges in stem cell research"	12-Jan-15	St.Joseph's College (Autonomous) Tiruchirappalli
67	Mr. Rajarajan P. (Microbiology)	National Seminar on "Prospects and Challenges in Stem Cell research"	12-Jan-15	St. Joseph's College (Autonomous), Tiruchirapalli
68	Ms. Prashanthi K (Biochemistry)	Metabolomics: 2015	12-Jan-15	Indian Institute of Science, Bangalore
69	Ms. Ramya K (Biochemistry)	Metabolomics: 2015	12-Jan-15	Indian Institute of Science, Bangalore
70	Ms. Pushpa Reddy (Biochemistry)	Metabolomics: 2015	12-Jan-15	Indian Institute of Science, Bangalore
71	Ms. Sangeetha Annie George (Zoology)	6 <sup>th</sup> National IQAC Conference on "Relevance of Interdisciplinary Approach in Higher Education	22-23 Jan 2015	Kristu Jayanti College Bangalore
72	Mr. Vijay Kumar (Hindi)	Seminar "Bangalore University Syllabus"	22-Jan-15	Baldwin Methodist Womens' College, Bangalore
73	Dr. Mahindra Kumar (Hindi)	Seminar "Bangalore University Syllabus"	22-Jan-15	Baldwin Methodist Womens' College, Bangalore
74	Dr. P. Nataraja (Kannada)	National Seminar on "MAASTI SAAHITYOTSAVA"	24-Jan-15	Silicon City College, Bangalore
75	Mr. Ravi Shankar J (Kannada)	National Seminar on "MAASTI SAAHITYOTSAVA"	24-Jan-15	Silicon City College, Bangalore
76	Mr. Mahalingaiah V (Kannada)	National Seminar on "MAASTI SAAHITYOTSAVA"	24-Jan-15	Silicon City College, Bangalore
77	Ms. Swathi Baskaran (Chemistry)	Wine Processing and Wine Tasting	27-Jan-15	Heritage Grape Winery

Sl. No.	Faculty	Workshop/Seminar	Date	Organized By
78	Ms. Usha Priyadarshini (Commerce)	Research Retreat: Exploring Pathways, Unlocking Ideas	31 Jan - 1 Feb 2015	Jain University, Bangalore
79	Ms. Geetha Ravi (English)	International Conference - "Engconf 2015" - "Transision: Literature language and culture post 1980	6-7 Feb 2015	Garden City College, Bangalore
80	Ms. Babita Das (English)	International Conference - "Engconf 2015" - "Transision: Literature language and culture post 1980	6-7 Feb 2015	Garden City College, Bangalore
81	Ms. Latha (English)	International Conference - "Engconf 2015" - "Transision: Literature language and culture post 1980	6-7 Feb 2015	Garden City College, Bangalore
82	Ms. Shruthi E Monteiro (Psychology)	Workshop on Building Resilient Kids	21-Feb-15	NIMHANS center for Wellbeing, Bangalore
83	Mr. Jaffer Mohammed C (PG Commerce)	Challenges and Opportunities for Developing sustainable RUBAN Society	13-14 Feb 2015	Dayananda Sagar Business Academy, Bangalore
84	Dr. Priyanka Arora (PG Commerce)	Challenges and Opportunities for Developing sustainable RUBAN Society	13-14 Feb 2015	Dayananda Sagar Business Academy, Bangalore
85	Ms. Varsha Madhavan (Commerce)	Seminar on The overall relationship between capital structure and firms performance	20-Feb-15	Christ University, Bangalore
86	Dr. Geetika Pant (Biotechnology)	National Conference "Phytochemicals and Functional Foods: Current Situation and Future Prospects (PFFCSFP-2015)	20-21 Feb 2015	JSS College of Arts, Commerce and Science - Mysore
87	Mr. Nagarjuna. G (Tourism Studies)	International Seminar on Tourism, Leisure and Hospitality in a Global Economy	24-25 Feb 2015	Christ University, Bangalore

Sl. No.	Faculty	Workshop/Seminar	Date	Organized By
88	Dr. Devendra M (Tourism Studies)	National Seminar on Current Fitness Trends	26-27 Feb 2015	Sri Padmavathi Mahila Visvavidyalayam, Tirupathi
89	Dr. Geetika Pant (Biotechnology)	National Conference on "Secondary Metabolites of endophytic fungi/ Medicinal plants and their Anticancer properties (SMEFAP) (UGC- SAP DRS-1)	5-6 Mar 2015	Bangalore University, Bangalore
90	Mr. Prasanna Srinivas (Microbiology)	DBT Sponsored National Conference on Secondary Metabolites of Endophytic Fungi / Medicinal Plants and Their Anticancer Properties (SMEFAP)	5-6 Mar 2015	Bangalore University, Bangalore
91	Mr. Rajarajan P. (Microbiology)	DBT Sponsored National Conference on “ Secondary Metabolites of Endophytic Fungi / Medicinal Plants and their Anticancer Properties (SMEFAP)”	5-6 Mar 2015	Bangalore University, Bangalore
92	Ms. Latha S (English)	National Seminar "Trends and Challenges in English Language"	11- Mar-15	Sindhi College of Commerce, Bangalore
93	Mr. L. Leo Gladwin (Commerce)	New Age Business Accounting with Tally ERP 9	12- Mar-15	Tally Solutions Pvt Ltd, Bangalore
94	Ms. Pushpa Reddy (Biochemistry)	Biorujivith 2015: Revised Biochemistry Syllabus	19- Mar-15	Garden City College, Bangalore
95	Dr. Devendra M (Tourism Studies)	National Seminar on Recent Developments in Sports and Yogic Sciences	19-20 Mar 2015	Alagappa University, Karaikudi
96	Mr. L. Leo Gladwin (Commerce)	Changing Dimensions of Corporate Reporting In India under IFRS Regime	23-Apr- 15	Bangalore University, Bangalore



Sl. No.	Faculty	Workshop/Seminar	Date	Organized By
97	Dr. Priyanka Arora (PG Commerce)	Changing Dimensions of Corporate Reporting in India under IFRS Regime	23-Apr-15	Bangalore University, Bangalore
98	Mrs. Sangeetha Menon (Microbiology)	“Wine processing and Wine tasting”	21-May-15	Heritage Grape Winery, Channapatna
99	Mr. Rajarajan P. (Microbiology)	DBT Sponsored Workshop on Advances in in vitro cell culture and functional applications	6-10 Jul 2015	Oxford College of Science, Bangalore
100	Ms. Lakshmi kanthamma (Mathematics)	Workshop on Scilab and Maxima (FOSS)	10-12 July 2015	MES College, Bangalore
101	Mr. Harikrishna (Management)	Syllabus Orientation	14-Jul-15	Sri Sai College for Women, Bangalore
102	Ms. Sushma Shree S.P (Commerce)	Orientation on New Syllabus (CBCS)	14-Jul-15	Sri Sai College for Women, Bangalore
103	Ms. Revathi (Commerce)	Orientation on III Sem B.Com & BBA New Syllabus (CBCS)	14-Jul-15	Sri Sai College for Women, Bangalore
104	Mr. L. Leo Gladwin (Commerce)	Faculty Study Circle	22-Jul-15	SSMRV College, Bangalore
105	Mr. Mudasar (Commerce)	Faculty Study Circle	22-Jul-15	SSMRV College, Bangalore
106	Ms. Maria Mendes (Commerce)	Emerging trends in company law-2015	07-Aug-15	Seshadripuram Institute of Commerce and Management
107	Ms. Sitara (Commerce)	Emerging trends in company law-2015	07-Aug-15	Seshadripuram Institute of Commerce and Management, Bangalore
108	Ms. Latha S (English)	National Seminar "On Genres in Indian English Novels"	7-8 Aug 2015	KSW Extension Centre - Mandya
109	Mr. Satish P (Computer Science)	Image Processing using Mat Lab	24-Aug-15	Dayananda Sagar Group of Institutions, Bangalore



Sl. No.	Faculty	Workshop/Seminar	Date	Organized By
110	Mr. L. Leo Gladwin (Commerce)	Asian Youth Exchange Meet- Japan and India chapters	24-28 Aug 2015	International Association for Religious Freedom, Chennai
111	Mr. Nagesh C.S (Management)	Faculty Study Circle	26-Aug-15	SSMRV College, Bangalore
112	Ms. Deepa B.M (Genetics)	Workshop on Soft skill Development-Science and Society	26-Aug-15	Institute of Business Management and Indian Science Congress Chapter
113	Ms. Shikha Khurana (Management)	National Seminar on Investment avenues in the Indian Financial Markets	26-Aug-15	RJS First Grade College, Bangalore
114	Ms. Anuradha (Computer Science)	National Workshop on data mining-Rapid Miner tool	26-27 Aug 2015	Kristu Jayanti College Bangalore
115	Mr. Regis Britto (Computer Science)	National Workshop on data mining-Rapid Miner tool	26-27 Aug 2015	Kristu Jayanti College Bangalore
116	Dr. P. Nataraja (Kannada)	National Seminar on 2) “ Dr. Anantha Murthy avara baduku – baraha ”	27-Aug-15	Kristu Jayanti College Bangalore
117	Mr. Ravi Shankar. J (Kannada)	National Seminar on 2) “ Dr. Anantha murthy avara baduku – baraha ”	27-Aug-15	Kristu Jayanti College Bangalore
118	Mr. Mahalingaiah V (Kannada)	National Seminar on 2) “ Dr. Anantha murthy avara baduku – baraha ”	27-Aug-15	Kristu Jayanti College Bangalore
119	Ms. S.Medona Daisy (Commerce)	Financial Accounting and Management with Tally ERP 9	01-Sep-15	New Horizon College, Bangalore
120	Dr.Priyanka Arora (PG Commerce)	Innovative Research Practices	2-3 Sep 2015	Reddy Jana Sanga College, Bangalore
121	Ms. Srividhya V (Computer Science)	National Conference on "Quality initiatives and benchmarking in higher education institutions"	3-4 Sep 2015	Surana College, Bangalore
122	Ms. Sangeetha Annie George (Zoology)	NAAC Sponsored National Conference on "Quality Initiatives and Benchmarking in Higher Education Institutions"	3-4 Sep 2015	Surana College, Bangalore

Sl. No.	Faculty	Workshop/Seminar	Date	Organized By
123	Ms Lakshmi K (Commerce)	Corporate Social Responsibility	10-11 Sep 2015	Maharani College for Women, Bangalore
124	Ms. Usha Priyadarshini (Commerce)	Impact of Social Entrepreneurship in creating social change	28-29 Sep 2015	Hasanath College for Women, Bangalore
125	Ms. Sangeetha Menon (Microbiology)	National Conference on New Approaches and Concepts in Microbial Technology	29-30 Sep 2015	Maharani's Science College for Women, Bangalore
126	Dr. Priyanka Arora (PG Commerce)	Corporate Financial Reporting	06-Oct-15	Al-Ameen College Arts, Science & Commerce, Bangalore
127	Mr. Arshad Ulla Khan (PG Commerce)	Corporate Financial Reporting	06-Oct-15	Al-Ameen College Arts, Science & Commerce, Bangalore
128	Mr. Sairam. A (PG Commerce)	Corporate Financial Reporting	06-Oct-15	Al-Ameen College Arts, Science & Commerce, Bangalore
129	Dr. Priyanka Arora (PG Commerce)	Corporate Reporting & Financial Market (As Resource Person)	10-Oct-15	East Point College of Management, Bangalore
130	Mr. Sairam. A (PG Commerce)	Corporate Reporting & Financial Market (As Resource Person)	10-Oct-15	East Point College of Management, Bangalore
131	Ms. Shalini S (Management)	National Conference on Issues and Challenges of Commerce and Management (As Moderator)	20-Oct-2015	St. Claret College, Bangalore
132	Dr. Rajesh T.N (Chemistry)	Annual Conference on Science and Technology for GenNext Urban space	5-6 Nov 2015	Bangalore Institute of Technology, Bangalore
133	Ms. Srividhya (Computer Science)	National Conference on "Make in India – Challenges Ahead: Ensuring Data Storage Security in Cloud Computing"	11-Dec-2015	T. John Institute of Management & Sciences, Bangalore

Sl. No.	Faculty	Workshop/Seminar	Date	Organized By
134	Dr. Prashanthi K (Biochemistry)	Winter School on Quantitative Systems Biology 2015	5 – 19 Dec-2015	International Centre for Theoretical Sciences, Bangalore
135	Ms. Lakshmi kanthamma (Mathematics)	Workshop on Scilab and Maxima	18-19 Dec 2015	Central College, Bangalore
136	Mr. Suresh J (Management)	Workshop on How to write the research paper	25-26 Dec 2015	Christ University, Bangalore
137	Mr. Sharath Harady (Management)	Workshop on How to write the research paper	25-26 Dec 2015	Christ University, Bangalore
138	Ms. Meenadevi A (Mathematics)	Workshop on Scilab and Maxima	18-19 Dec 2015	Central College, Bangalore
139	Ms. Malathi R (Biochemistry)	International Symposium on Medicinal Plants and Herbal Drugs in Human & Livestock wealth- A Global Prospective	29 -31 Jan 2016	Pachaiyappa's College, Chennai
140	Ms. Puspha Reddy (Biochemistry)	International Symposium on Medicinal Plants and Herbal Drugs in Human & Livestock wealth- A Global Prospective	29-31 Jan 2016	Pachaiyappa's College, Chennai
141	Ms. Lakshmi kanthamma (Mathematics)	Workshop on LaTeX and Latex Beamer for MSc. Mathematics Lab	15-16 Feb 2016	Government Science College, Bangalore
142	Ms. Srividhya (Computer Science)	National Seminar on Paradigm Shifts in Education - Initiatives towards Holistic Development	4-5 Mar 2016	St. Annes First Grade College for Women, Bangalore
143	Ms. Sangeetha Annie George (Zoology)	National Seminar on Paradigm Shifts in Education - Initiatives towards Holistic Development	4-5 Mar 2016	St. Annes First Grade College for Women, Bangalore
144	Ms. Geetha Ravi (English)	National Seminar on Paradigm Shifts in Education - Initiatives towards Holistic Development	4-5 Mar 2016	St. Annes First Grade College for Women, Bangalore

**Awards/Recognition for Faculty during 2014-15 and 2015-16**

- Dr. E. Jerome Xavier has been awarded “Bharat Gaurav Award” for Meritorious Services, Outstanding Performance and Remarkable Role in Higher Education by India International Friendship Society at a Seminar on ‘Economic Growth and National Integration’ at New Delhi on 1<sup>st</sup> June 2015.
- Dr. E. Jerome Xavier has been awarded “The Best Citizens of India Award” by International Publishing House at New Delhi in the year 2015.
- Dr. M. Devendra has been awarded “AWARD OF EXCELLENCE” under the category of IHC Educators Award – 2014, by Indian Hospitality Congress at DY Patil University, Mumbai on 5<sup>th</sup> February 2015.
- Dr. Geetika Pant was awarded Ph.D degree by Awadhesh Pratap Singh Vishwavidyalaya, REWA University, Madhya Pradesh in the year 2014.
- Dr. Khalid Imran was awarded Ph.D degree by Bharathiar University, Tamil Nadu in the year 2014.
- Dr. Deepa B.M. was awarded Ph.D degree by Bangalore University, Karnataka in the year 2015.
- Dr. Vanitha G was awarded Ph.D degree by Manonmaniam Sundaranar University, Tamil Nadu in the year 2015.

**Course-wise Result-Analysis of University Examinations Under Graduate Courses**

Course	2011-2014 (%)	2012-2015 (%)
B.Com	52	58
B.B.M.	78	57
B.C.A.	52	61
B.A. Psychology	94	80
B.A. Political Science	94	73
B.Sc. CZBt	83	83
B.Sc. GBcBt	88	85
B.Sc. GBcMb	73	70
B.Sc. EMCs	20	40
BA Tourism	40	50

**Post Graduate Courses**

Course	2011-2014 (%)	2012-2015 (%)
M.Sc. Applied Genetics	90	100
M.Sc. Biochemistry	93	30
M.Sc. Biotechnology	91	92
M.Sc. Microbiology	93	94
M.I.B.	38	-
M.F.A.	76	95
M.Com.	96	98

## **CRITERION III:**

### **Research Consultancy and Extension**



### CRITERION III: Research Consultancy and Extension

#### List of Student projects sanctioned from the period June 2014 to December 2015

S1. No.	Topic of the Research Project	Funding agency and amount of grant
1.	Effect of wheat grass on wound healing related protein Syndecan 4 and tissue transglutaminase on fibroblast cell lines	Vision Group on Science and technology (VGST-SPiCE) INR 30,000
2.	Comparative studies of biomass production and lipid accumulation in fresh water microalgae under autotrophic and heterotrophic conditions	Karnataka State Council for Science and Technology (KSCST) INR 9,000
3.	Bicarbonate based microbial carbon sequestration for higher biomass and lipid production in Chlorella species	Karnataka State Council for Science and Technology (KSCST) INR 10,000

#### Workshops/Training/Sensitization Programmes Conducted/ Organized with focus on Research Culture during 2014-15 and 2015-16

Programmes Conducted/ Organized with focus on Research Culture	Department	Dates
Workshops		
PCR amplification of <i>E.coli</i> gyrB gene	Applied Genetics	26 <sup>th</sup> Sep 2014
Polymerase Chain Reaction	Applied Genetics	3 <sup>rd</sup> Oct 2014
Extraction Techniques	Chemistry	2 <sup>nd</sup> Dec 2014
Seminar cum workshop on 'Spectral Techniques'	Chemistry	9 <sup>th</sup> Dec 2014
PCR Technique	Applied Genetics	12 <sup>th</sup> Oct 2015
Analysis of Oligonucleotides by Spectroscopy		
Workshop on Fourier Series, Fourier Transforms & Applications	Mathematics	26 <sup>th</sup> -27 <sup>th</sup> Feb 2016
National Science Day Celebrations in association with Karnataka Association for Advancement of Science	Life Sciences	27 <sup>th</sup> Feb 2016
Industrial Visits		
Biozeen, Bangalore	Biochemistry	20 <sup>th</sup> Jun 2014
Human Genetics Lab – NIMHANS, Bangalore	UG Life Sciences	6 <sup>th</sup> Aug 2014
Department of Neuropathology, NIMHANS, Bangalore	UG Life Sciences	4 <sup>th</sup> Sep 2014
Tertiary Sewage Treatment Plant, Yelahanka, Bangalore	Biotechnology	7 <sup>th</sup> Nov 2014
Biozeen, Bangalore	UG Life Sciences	6 <sup>th</sup> Jan 2015
Tertiary Sewage Treatment Plant, Yelahanka, Bangalore	Biotechnology	21 <sup>st</sup> Jan 2015

Programmes Conducted/ Organized with focus on Research Culture	Department	Dates
Indo American Hybrid Seeds	UG Life Sciences	22 <sup>nd</sup> Jan 2015
HERITAGE winery, Chennapatna	UG Life Sciences	27 <sup>th</sup> Jan 2015
National Institute of Malaria Research, Goa National Institute of Oceanography, Goa Dept. of Microbiology, Goa University, ICAR-Central Coastal Agricultural Research, Goa	UG Life Sciences	19 <sup>th</sup> – 22 <sup>th</sup> Mar 2015
Labland Biodiesel, Mysuru	Biotechnology	24 <sup>th</sup> Mar 2015
‘Survey and Enumeration of Medicinal Plants’ at Bannerghatta National Park conducted in collaboration with A Rocha India and the Karnataka Forest Department	Applied Genetics	26 <sup>th</sup> May 2015
Human Genetics Lab – NIMHANS, Bangalore	UG Life Sciences	12 <sup>th</sup> Aug 2015
Electron Microscopy Laboratory, NIMHANS, Bangalore	UG Life Sciences	7 <sup>th</sup> Sep 2015
Foundation for Revitalization of Local Health Traditions, Bangalore	Life Sciences	14 <sup>th</sup> Oct 2015
Indo-American Hybrid Seeds	Biotechnology	14 <sup>th</sup> Oct 2015
Tertiary Sewage Treatment Plant, Yelahanka, Bangalore	Biotechnology	11 <sup>th</sup> Sep 2015
Indian Institute of Science, Bangalore	Physics	5 <sup>th</sup> Mar 2016

### Extension Activities

Date	Social Responsibility and Extension Activities
30 <sup>th</sup> Sep 2014	A rally on the theme ‘Safety of Woman and Child’
20 <sup>th</sup> Sep 2014	Exhibit of Biological Science models to Government School Children, Hennur Cross
5 <sup>th</sup> Dec 2014	'Know your Consumers Rights' Drive
19 <sup>th</sup> – 24 <sup>th</sup> Jan 2015	'Computer Literacy program' for students of Hennur Model High School
23 <sup>rd</sup> Jan 2015	Field visit to A Rocha, Bannerghatta, to understand the “Human-Animal Conflict”
25 <sup>th</sup> Jan 2015	Awareness campaign on National Voter’s Day
5 <sup>th</sup> Feb 2015	Lecture on “Precaution and Palliative Care for Cancer in Women”
27 <sup>th</sup> Mar 2015	Thyroid Check-up camp
6 <sup>th</sup> Apr 2015	Awareness campaign on ‘Filing of Income Tax’
23 <sup>rd</sup> Apr 2015	Awareness rally on ‘Filing of Income Tax’ in the near vicinity of the college
8 <sup>th</sup> – 16 <sup>th</sup> Jun 2015	E-gurukul program for non-teaching staff members of IADC



Date	Social Responsibility and Extension Activities
11 <sup>th</sup> Jul 2015	Observation of World Population Day
14 <sup>th</sup> Jul 2015	Observation of World Merit Day
16 <sup>th</sup> Aug 2015	Awareness talk on 'Communicable Diseases'
16 <sup>th</sup> Aug 2015	Fire drill and life saving measures
8 <sup>th</sup> Sep 2015	Observation of International Literary Day
15 <sup>th</sup> Sep 2015	Observation of International Peace Day
2 <sup>nd</sup> Oct 2015	Blood donation camp
19 <sup>th</sup> Nov 2015	Observation of National Integration Day
1 <sup>st</sup> Dec 2015	Observation of World Aids Awareness Day
10 <sup>th</sup> Dec 2015	Observation of World Human Right's Day

#### Faculty Publications during the 2014-15 and 2015-16

Name of the Authors	Publication details	Site of listing of the publication	Impact Factor (IF)
Geetika P, G. Sibi, S.A. George, S. Bhadrar, U. Chauhan	Variations in biochemical attributes of <i>Cassia tora</i> L. and <i>C. auriculata</i> L. under temperature stress; American Journal of Life Sciences; 2014.2(4): 16-21. DOI: 10.11648/j.ajls.s.20140204.14	CAS, CNKI Scholar	-
Geetika P, P Pandey, and G. Sibi	Isolation and characterization of bifenthrin catabolizing bacterial strain <i>Bacillus cibi</i> from soil for pyrethroids biodegradation; 2014. Online J. Biol. Sci.; 2014. 14: 188-195	Scopus, J-Gate, Proquest, CSA	H Index: 6 SJR: 0.14
Geetika P, Chirag Simaria, Riyaz A and G. Sibi	In vitro Anti-Cholesterol and Antioxidant Activity of Methanolic Extracts from Flax Seeds ( <i>Linum usitatissimum</i> L.); Research Journal of Medicinal Plant; 2015 9 (6): 300-306.	Scopus, ISI Web of Knowledge, EMBASE, CAS DOAJ	H Index: 15
Sibi G, V. Sukanya, G. Gayathri	Variability in the distribution of daidzein and genistein in leguminous sprouts and their anticancer activity with MCF-7 breast cancer cells. Academic Journal of Cancer Research. 2014. 7(3): 173-178. DOI: 10.5829/idosi.ajcr.2014.7.3.84106	Index Copernicus	H Index: 5
Sibi G, T.S. Anuraag, G. Bafila.	Copper stress on cellular contents and fatty acid profiles in <i>Chlorella</i> species. Online Journal of Biological Sciences. 2014. 14(3): 209-217. DOI: 10.3844/ojbssp.2014.209.2017	Scopus	H Index: 6 SJR: 0.14

Name of the Authors	Publication details	Site of listing of the publication	Impact Factor (IF)
Rahman, M.H, B. Vijaya, S. Ghosh, G. Pant and Sibi G	In vitro studies on antioxidant, hypolipidemic and cytotoxic potential of <i>Parmelia perlata</i> . American Journal of Life Sciences. 2014. 2(4) 7-10. DOI: 10.11648/j.ajls.s.2014. 0204.12	CAS	-
Rahman, M.H, B. Vijaya, S. Ghosh, G. Pant, S.K. Mistry and Sibi G	Antioxidant, cytotoxic and hypolipidemic activities of <i>Plumeria alba</i> L. and <i>Plumeria rubra</i> L. American Journal of Life Sciences. 2014. 2(4): 11-15. DOI: 10.11648/j.ajls.s.20140204.13	CAS	-
Sibi G, M.A. Alam, J. Shah, M. Razak.	Susceptibility pattern of <i>Malassezia</i> species to selected plant extracts and antifungal agents. International Journal of Green Pharmacy. 2014. 8(14): 226-230. DOI: 10.4103/0973-8258.142675	Scopus	H Index: 12
Sibi G, P. Kumari, K Neema.	Pattern of pregnant women Antibiotic sensitivity with urinary tract infection in Bangalore, India. Asian Pacific Journal of Tropical Medicine. 2014. 7(1): S116-S120. DOI: 10.1016/S1995-7645(14)60216-9	P u b M e d , NCBI	H Index: 21 IF: 1.062 SJR: 0.452
Sibi G	Biosorption of arsenic by living and dried biomass of fresh water microalgae - potentials and equilibrium studies. Journal of Bioremediation and Biodegradation. 2015. 5: 249. DOI: 10.4172/2155-6199.1000249		-
Sibi G	Inhibition of lipase and inflammatory mediators by <i>Chlorella</i> lipid extracts for anti-acne treatment. Journal of Advanced Pharmaceutical Technology and Research. 2015. 6(1): 7-12. DOI:10.4103/2231-4040.150364	Index Copernicus PubMed, NCBI	H Index: 11

Name of the Authors	Publication details	Site of listing of the publication	Impact Factor (IF)
Sibi G	Low cost carbon and nitrogen sources for higher microalgal biomass and lipid production using agricultural wastes. Journal of Environmental Science and Technology. 2015. 8(3): 113-121. DOI: 10.3923/jest.2015.113.121	Scopus	H Index: 9
Sibi G, V. Shetty and K. Mokashi.	Enhanced lipid productivity approaches in microalgae as an alternate for fossil fuels - A Review. Journal of the Energy Research Institute. 2015. DOI: 10.1016/j.joei.2015.03.008	Elsevier	IF: 0.615 SJR: 0.312
Sibi G	Cultural conditions and nutrient composition as an effective inducer for biomass and lipid production in fresh water microalgae. Research Journal of Environmental Toxicology. 2015. 9(4): 168-178. DOI: 10.3923/rjet.2015.168.178	Scopus	H Index: 9
Shetty V, K. Mokashi and Sibi G	Variations among antioxidant profiles in lipid and phenolic extracts of microalgae from different growth medium. Journal of Fisheries and Aquatic Science. 2015. 10(5): 367-375. DOI: 10.3923/jfas.2015.367.375	Scopus	H Index: 8
Shetty V and Sibi G	Relationship between total phenolics and antioxidant activities of microalgae under autotrophic, heterotrophic and mixotrophic growth. Journal of Food Resource and Science. 2015. 4(1): 1-9. DOI: 10.3923/jfrs.2015.1.9	ASCI	-
Simaria C, G Pant and Sibi G	Characterization and evaluation of polycyclic aromatic hydrocarbon (PAH) degrading bacteria isolated from oil contaminated soils Applied Microbiology: Open Access, 1:1 DOI: /10.4172/1000104		

Name of the Authors	Publication details	Site of listing of the publication	Impact Factor (IF)
Sibi G and S. Rabina	Inhibition of pro-inflammatory mediators and cytokines by <i>Chlorella vulgaris</i> fractions. Pharmacognosy Research. 2016. 8(2): 118-122. DOI: 10.4103/0974-8490.172660	PubMed Central, NCBI, DOAJ	H Index: 12
Mehran MJ, S. Hossein Zendeabad, M. Sudhakar	Free Radical Scavenging and Antioxidant Potential Activity of Cassava Plants; Asian J Pharm Clin Res, 2014. 7(1): 66-70	Google Scholar, Scopus, EMBASE, Scimago (SJR)	H Index: 13 SJR: 0.74
Geetika P, M. Sudhakar and C. Ugam Kumari	Comparative Analysis of Heat Treatments on Morphology of Selected Cassia Species; Asian J Pharm Clin Res, 7(2): 2014, 62-67.	Google Scholar, Scopus, EBSCO, EMBASE, SC	H Index: 13 SJR: 0.74
Malla S, M K Mourya, D Halder, F Gomroki, H B Mohammed	Healing Effects of Wheat Grass ( <i>Triticum aestivum</i> L) Extracts on RBC Membrane Damage. American Journal of Life Sciences. Special Issue: Recent Developments in Health Care through Plants and Microbes. 2(4), 2014, 22-27.	CAS, CNKI Scholar	-
Malla S, R. Senthilkumar, KA Jumaah	Cloning And Characterization of High Risk Human Papilloma Virus (Hpv) Oncogene E6; Asian J Pharm Clin Res, 7(2): 2014, 61-65.	Google Scholar, Scopus, EBSCO, EMBASE	H Index: 13 SJR: 0.74
Mahshid, K, S Arjunan, K Imran, R. Senthilkumar.	Comparative Analysis of real time PCR and ELISA for the detection of <i>Pseudomonas aeruginosa</i> in not chronically infected cystic fibrosis patients". Int J Pharm Bio Sci 2014 5(2): (B) 36- 40.	Elsevier Indexed	H Index: 13 SJR: 0.288
Amudha K. B. Lensa Tzudir, K. Sruthi, Sarshad, J. Pontes, S Arjunan, Raja Rajan.	Molecular characterization of indigenous rhizobia nodulating medicinal legumes using RAPD method. Int J Pharm Bio Sci 2015; 6(3): (B) 562 - 570	Elsevier Indexed	H Index: 13 SJR: 0.288

Name of the Authors	Publication details	Site of listing of the publication	Impact Factor (IF)
Ibtihal R. Najeeb, M. Sudhakar, R. Senthilkumar and S. Arjunan	Genotyping of Her1 and Her2SNP's In Familial Breast Cancer by Restriction Fragment Length Polymorphism and Sequencing. Euro. J. Exp. Bio., 2014, 4(5):143-148.	ISI Indexed	GIF:0.645
Malathi.R and R. Rajamurugan	Protection against oxidative damage using Momordica charantia extract in case of Phenyl hydrazine induced hemolysis: International Journal of Recent Scientific Research 2015, 6 (7), 5209-5214		
Pushpa Reedy, Senthil Kumar R and Bano Saidullah	In vitro anticancer potential of the earth worm pastes of Eudrilus eugeniae, Perionyx excavates and Eisenia fetida against MCF 7, HCT 116 and AND PC 3 cancer cell lines: International Journal of Recent Scientific Research 2015, 6 (7), 5076-5080		
Rajashree, P. Mhamane, Pushpa Reddy	Effect of Organophosphate Pesticide "Methyl Parathion" and "Phorate" on Earthworm Central. International Journal of Recent Trends in Science And Technology 2014, 10(3): 483-485		
Mahuya De Ghosh, Ravikumar H., Ramakrishna TM, S. Ramakrishna	Phytochemistry and antioxidant related antibacterial activity of medicinal plants European Journal of Pharmaceutical and Medical research, 2016, 3(1): 405-410.	Google Scholar, Index Copernicus	SNP/SJIF IF: 2.2
Mahuya De Ghosh, Ramakrishna, S, Ramakrishna T.M	Antimicrobial activity and phytochemical analysis of medicinal plants, World Journal of Pharmacy and Pharmaceutical sciences, 3(6): 1794-1799, 2014	Google Scholar, Index Copernicus	SNP/SJIF IF: 2.8
Tantry Rajesh N., Jathi Keshavayya, Prasanna S.M., Angadi Shoukat Ali R., Chinnagiri Keerthi Kumar	Synthesis and Charecterization of tetraformamido [2-amino-4-(phenyl) thiazole] substituted metal phthalocdyanines, Research Journal of Chemical Sciences, 2014, 4(1): 1-8	Google Scholar, Copernicus	SJCR IF: 2.1

Name of the Authors	Publication details	Site of listing of the publication	Impact Factor (IF)
Swathi R., B. Ramachandra, N. Venkatasubba Naidu, Kantipudi Rambabu	Spectrophotometric Determination of Picloram, International Journal of Scientific and Engineering Research, 2015, 6(7): 1541-1556.	Google Scholar, Copernicus, Socola	
Deepa B M, Jayaprakash and Ganesh	Peptide mass printing of hemocyanin protein of spider Hippasa agelenoides from South India using MALDI-TOF MS. 2014. International Journal of Science and Research 3(6): 1509-1512		
Roopa Patrimath	Survey on routing table independent bloom-filter based forwarding and denial of service attack		
Padmapriya. V	The Impact of Partition on Women in Chaman Nahal's Azadi , 2014. Emerging Trends in Indian Writing in English. 174-180.		
Padmapriya. V	A Critical Study on Bapsi Sidhwa's Ice-Candy-Man, 2014. Research Explorer An International Journal.		
Latha. S	Resistance in Taslima Nasrin's Lajja, 2015. Genres in Indian English. Novel vol.1		
Latha. S	Transitions: Literature, Language and culture-Post 1980, 2015, Lang Lit International e-Journal, 127th article.		
Devi, Pampa	Facets of urbanization – Collection of articles regarding urbanisation, estd... 2014 Page no-67-72. ISBN: 978-81-920681-8-3		
Monteiro, Shruthi	A Qualitative Study of Career Decision Making and its Associated Difficulties in Indian Adolescents, 2015. International Journal of Innovative Research and Development. 4(9): 286-290.		
Jaffer Mohammed, Shalini S	Risk Management Himalaya Publishing house-ISBN 978-93-5202, Business Economics.		

Name of the Authors	Publication details	Site of listing of the publication	Impact Factor (IF)
Jaffer Mohammed, Priyanka Arora	Reasons, effects and recommendations to manage the resources osmosis between urban and rural societies. ISSN no: 2394-8787		
Priyanka Arora and Jaffer Mohammed	Financial inclusions in rural areas through rubanisation – a critical analysis. The IASMS Journal of Business spectrum. 9(1): 55-61. ISSN 0974-8016		
Rajarajan P and R Senthilkumar	Assessment of Antineoplastic Potential of Annona muricata Linn. on Human Cancer Cell Lines Int J Pharm Bio Sci 2015. 6(3): (B) 1101 - 1109		
Arunagiri Subramanian and Sangeetha Menon	Novel Polyaromatic Hydrocarbon (PAH) degraders from oil contaminated soil samples. International Journal of Advanced Research, 2015. 3(7): 999-1006.		
Mohan V, R. Nivea and Sangeetha Menon	Evaluation of Ectomycorrhizal Fungi as Potential Bio-control Agents against Selected Plant Pathogenic Fungi. Journal of Academia and Industrial Research, 2015. 3(9): 408-412.		
Sangeetha Menon and V Mohan	Seasonal diversity status of Plant Growth Promoting Rhizobacteria (PGPR) in rhizosphere of fast growing native tree species, Melia dubia in Tamil Nadu. 2015. Indian Forester, 141(1): 99-104		
Vedashree S, MK Sateesh, P Chowdappa and BJ Nirmalkumar	Species-specific PCR-based assay for identification and detection of Phomopsis (Diaporthe) azadirachtae causing die-back disease in Azadirachta indica. Journal of Phytopathology, 163 (10): 818-828.	Scopus, Wiley Online Library	IF: 0.82
Sachin S	Water Falls & Health Tourism – A Case Study on Kodagu District, Karnataka. 2015. International Journal of Advanced Research in Business Management and Administration. 1(2): 154-160		IF: 1.48

Name of the Authors	Publication details	Site of listing of the publication	Impact Factor (IF)
Sachin S and Nagarjuna. G	Financial Inclusion in Tourism and Sustainable Development of Ancillary Industries. 2015. International Journal of Advanced Research in Business Management and Administration. 3(2): 633-636.		
P. Nagaraju	Effect of variable porosity on composite heat transfer in a boundary layer flow, Special Topics & Reviews in Porous media- An International Journal, 6(2), 121-131 (2015)		
N.J. Shivaramu	Thermoluminescence of solgel derived Y <sub>2</sub> O <sub>3</sub> :Nd <sup>3+</sup> nanophosphor exposed to 100 MeV Si <sup>8+</sup> ions and gamma rays, Journal of Alloys and compounds, 637 (2015) 564-573.		
N.J. Shivaramu	SHI induced thermoluminescence properties of sol-gel derived Y <sub>2</sub> O <sub>3</sub> :Er <sup>3+</sup> nanophosphor, Adv. Mater. Lett. 6 (4) (2015) 342-347.		
N.J. Shivaramu	Comparative Studies on Gamma and Ion Beam Induced Luminescence in Sol Gel Derived Yttrium Oxide International Journal of Luminescence and Applications (ISSN: 2277-6362) Vol. 5, No. 2, June 2015, 264-267.		
N.J. Shivaramu	Ion beam induced luminescence studies of sol gel derived Y <sub>2</sub> O <sub>3</sub> :Dy <sup>3+</sup> nanophosphors, Journal of Luminescence, 169, (2016), 627–634.		
N.J. Shivaramu	Synthesis characterization and luminescence studies of gamma irradiated nanocrystalline yttrium oxide, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 154 (2016) 220–231.		
M. Saritha	Open Access Journals on Library and Information Science in DOJA an Analyticalstudy-978-93-82694-27-4		



Name of the Authors	Publication details	Site of listing of the publication	Impact Factor (IF)
Jerome Xavier E	The Role of personal skills in creating a better work culture in Educational Institutions. 2015. International Journal of Business Management and Leadership. 6(1): 13-22		
Jerome Xavier E	A Theoretical Approach to Enhancing Quality of Work Life in Higher Education Institutions. 2015. International Journal of Business Administration & Management. 5(1): 101-108		

### Conference Proceedings:

1. Srividhya & Lakshmi Sharma: National Conference on “Prominent Challenges in Information Technology (PCIT) organized by Computer Science Technical Association (ComSTA), Enabling Public Verifiability and Data Dynamics for Storage Security in Cloud Computing”: International Journal of Trend in Research and Development, ISSN: 2394-9333 – 08/12/2015.
2. Srividhya: National Conference “Make in India – Challenges Ahead” “Ensuring Data Storage Security in Cloud Computing”: 11/12/2015
3. Divya Kashyap & D L Gupta: Sixth International Conference on Advances in Computer Engineering – ACE2015, Software cost estimation using fuzzy number and particle swarm optimization, Academy & Industry Research Collaboration Center pp. 113-126.: 26-27/12/2015
4. Susanta Pahari: Toxinomics of Snake Venom Glands by the application of Next Generation Sequencing approach – Proceedings of Confluence 2015 – A Systems Biology Approach – 24-25/04/2015.
5. Prashanthi K.: Dengue Virus – Human Protein Interactome – Proceedings of Confluence 2015 – A Systems Biology Approach - 24-25/04/2015.
6. Nagaraju P: Measurement of thermo emf of Iron-copper, Copper-Nickel and Chromel-Alumel as a function of Temperature at the 29th Annual Convention of IAPT (Indian association of Physics Teachers) held at Chandigarh - 10-12/10/2014

### Book/Book Chapter:

1. Sibi G. 2016. Insight of Biofuel Prospects from Microalgae as Renewable Energy Source for Environmental Sustainability. In Environmental Biotechnology: Biodegradation, Bioremediation, and Bioconversion of Xenobiotics for Sustainable Development. Editors: J. Sangeetha, D. Thangadurai, M David, MA Abdullah. Apple Academic Press, ISBN: 9781771883627
2. Srividhya, Sangeetha Annie George & Timothy Paul: The Impact of CSF of TQM in the performance of HEI, two day National Conference on “The Role of Higher Educational Institution in pursuit of achieving TQM” on 24th and 25th February 2016. ISBN 978-93-5258-257-0

3. Saritha. M: Online Public Access catalogue (OPAC) Usage at Indian Academy. ISBN NO-978-81-920992-6-2
4. Saritha. M: Replacing Traditional Library Services with New Services at IAGI Library. ISBN NO-978-81-931017-0-4
5. Saritha M: Impact of Open access on Academic Libraries. ISBN NO978-93-82694-27-4
6. Jaffer Mohammed: Risk Management, Himalaya Publishing House-ISBN 978-93-5202
7. Jaffer Mohammed and Priyanka Arora: Financial Inclusions in Rural Areas Through Rubanisation – A Critical Analysis, The IASMS Journal of Business Spectrum ISSN 0974-8016 Volume IX No.1 January – June
8. Latha. S: Resistance in Taslima Nasrin's Lajja Genres in Indian English Novel vol.1 ISBN978-93-83192-95-3. 2015

#### Linkages/Collaborations during the year 2014-15 and 2015-16

S. No.	Linkages/ Collaboration details	MoU/Agreement with	Activities and Beneficiaries
1.	Health Care	Zion Hospitals and Research Centre Pvt. Ltd. Bangalore	To provide medical services to the students and staff
2.	Industrial Training	Biozeen, Bangalore	Industrial training program in Bioprocess Engineering and Production for Life Science Students
3.	Value Added Courses	Alpha Tech Academy Private Limited, Bangalore	To offer certificate course on Tally. ERP for Commerce Students
4.	Research	Skanda Life Sciences Pvt. Ltd, Bangalore	To provide on the job training and projects in Animal Tissue Culture for Life Science Students
5.	Value Added Courses	Aptech Computer Education, Bangalore	Training on C++ Basics, Windows App Development using C++ for UG and PG Computer Science Students
6.	Professional Development	Association of Biotechnology Led Enterprises	To provide inputs on industry trends and technologies, comprehensive information relevant to Indian Biotech industry for Life Science Students.
7.	Research	St. Joseph's College, Trichy	To offer training on Bioinformatics and Biotechnology related areas for Life Science Students

S. No.	Linkages/ Collaboration details	MoU/Agreement with	Activities and Beneficiaries
8.	Research	Loyola College, Chennai	To share common academic interests, faculty exchange, joint conferences for science departments.
9.	Waste Management	Medicare Environmental Management Pvt. Ltd. Bangalore	To provide Bio-medical waste management services for science departments.
10.	Value Added Courses	Systems Domain Pvt. Ltd, Bangalore	To offer certificate course on 'Application Developer Tool with Oracle' for UG and PG computer Science Students
11.	Value Added Courses	Tally Institute of Learning, Bangalore	To offer certificate course on Tally. ERP 9 for Commerce Students
12.	Value Added Courses	Par Brilliance Academy, Bangalore	Training on Personality Development for all UG and PG students
13.	Value Added Courses	K2 Learning Resources India Pvt. Ltd. Bangalore	Coaching Classes for CA-CPT Examinations for Commerce Students



## **CRITERION IV:**

### **Infrastructure and Learning Resources**



#### CRITERION IV: Infrastructure and Learning Resources

##### Infrastructural facilities upgraded/developed during the year 2014-15

S.No.	Facilities Developed	Amount Spent in Rs.
1	Building Renovation	70,14,613
2	Rain Water Harvesting Systems	1,79,100
3	Central Research Facility and laboratories	17,23,169
4	Wi-Fi Facility	10,42,482
5	Rooms with ICT facility for Management(PG)	6,59,298
6	CCTV Installation	12,44,626
7	Elevator: Procurement & Maintenance	16,93,874
8	Automation of Operations & Knowledge management	9,10,116
9	Additional Class rooms and Furniture	28,22,216
10	Computers/Laptop Purchase	5,33,458
11	Indian Academy Centre for Professional Excellence (IACPE)	1,62,500
12	Biometric system	73,280
13	Additional Sports facilities	87,064
	<b>Total</b>	<b>1,81,45,796</b>

##### Library as a Learning Resource

##### Amount spent on procurement of new books, Journals and e-resources during 2014-15 and 2015-16

Library holdings	2014-15		2015-16 (till Feb 2016)	
	Number	Total Cost (Rs)	Number	Total Cost (Rs)
Text Books	2610	9,18,732	1531	4,44,667
Reference Books	444	3,34,375	302	1,32,733
Journals / Periodicals	85	1,60,500	90	1,87,245
e-Resources	4	1,20,000	4	1,20,000

##### IT infrastructure

Sl. No.	Computing Facility	Numbers	Description
1.	Number of computers with Configuration (provide actual number with exact configuration of each available system)	274	82 Systems – I3, 4GB, 500GB HDD 21 systems –I3, 2 GB, 500 GB HDD 86 Systems- Core 2 Duo, 2GB RAM, 320 GB HDD 85 Systems- Dual Core, 1.5 GB RAM, 160 GB HDD
2.	Computer-student ratio	1:12	However, computers are provided to the students as 1:1 ratio during practical classes
3.	Stand alone facility	All	All Systems are stand alone and not connected to server

Sl. No.	Computing Facility	Numbers	Description
4.	LAN facility	All	LAN in all systems
5.	Wi Fi facility	Collaborative	Campus wide connectivity
6.	Licensed software	Available	LINUX (Ubuntu 14.04 LTS, CENT OS for server, Fedora 18) –OS, Tally ERP 9, NOEARK- ID software, EASYLIB(OPAC), NOEARK -SMS software, WINDOS Multi Server 2013, WINDOWS (OS), MS OFFICE
7.	Number of nodes/ computers with Internet facility	274	All system has internet facility
8.	Firewall	1	Cisco 5512X
9.	Static IP address	5	ACT
10.	Router	8	5- HP Manageable Switches with routing 1 -Cisco 3750 2 -480 T + LB
11.	Server Details	2	INTEL4GB RAM, 4TB HDD,XEON Processor AMD-24 GB RAM, 2 TBHDD, FX-8 Core Processor

### Expenditure incurred for the procurement, up-gradation and Maintenance of Computers and Accessories during the year 2014-15

Items	Amount in Rs.
Procurement of New Computers	7,50,000
Up gradation of Existing Computers	1,46,000
Maintenance of Existing Computers	1,31,000
ICT facilities	40,00,000
Internet Charges	3,50,000
<b>Total</b>	<b>53,77,000</b>

### Maintenance of Campus Facilities

#### Expenditure towards Maintenance and Upkeep of campus facilities during the year 2014-15

Items	Amount in Rs.
Building, Furniture and Equipment Maintenance	17,23,009
Computers Maintenance	6,61,730
Vehicles maintenance	1,63,916
Annual Maintenance Contract (AMC) Charges	1,96,083
Website maintenance	94,496
House keeping	8,59,291
Internet	2,15,101
<b>Total</b>	<b>39,13,626</b>



## **CRITERION V:**

### **Student Support and Progression**



## CRITERION V: Student Support and Progression

### Student Support and Mentoring

- The College had instituted Merit Scholarships, Merit-Cum-Means scholarships, Girl Student Scholarships, cash prizes to the meritorious students and concession/ fee waivers for the students.

Academic and welfare benefits	2014-15	2015-16
Cash prizes to Rank Holders, Course Toppers, Class Toppers, Best Outgoing Student	1,53,894	1,57,440
Merit Scholarships	1,50,000	1,50,000
Merit cum Scholarships	1,50,000	1,50,000
Girl Child Scholarships	-	30,000
Concession/ fee waived	9,73,000	16,26,250
<b>Total</b>	<b>14,26,894</b>	<b>21,13,690</b>

- 16% of the students have received financial assistance from various agencies during the year 2014-15.
- CSIR-UGC JRF/NET coaching classes were conducted from 30<sup>th</sup> May - 20<sup>th</sup> June 2015.

### The following skill development programmes were conducted in the year 2014-15

Date	Nature of Programme	Particulars
9 <sup>th</sup> Jan - 21 <sup>st</sup> Mar 2015	Value Added Programme	Web Applications using ASP.NET in association with Aptech Pvt. Ltd. For final year BCA students
19 <sup>th</sup> - 25 <sup>th</sup> Jan 2015	Certificate course	Systems Biology (I M.sc Biotechnology and Microbiology)
20 <sup>th</sup> Jan - 17 <sup>th</sup> Mar 2015	Value Added Programme	Scilab and Maxima (Final Year B.Sc EMCs Students)
29 <sup>th</sup> Jan - 23 <sup>rd</sup> Jun 2015	Value Added Programme	Quantitative Aptitude for the IV Semester Students
2 <sup>nd</sup> - 7 <sup>th</sup> Feb 2015	Certificate course	Systems Biology (II M.Sc Micro-Biology)
18 <sup>th</sup> Feb – 17 <sup>th</sup> May 2015	Certificate course	Systems Biology (III M.Sc Bio- Chemistry)
4 <sup>th</sup> – 9 <sup>th</sup> May 2015	Certificate course	Systems Biology (Outside students)
7 <sup>th</sup> Aug 2015	Online Workshop	Netbeans by IITB for V Semester BCA students. (2013 batch)
17 <sup>th</sup> Aug 2015	Workshop	Programme on AIR and FM for the BA course students
17 <sup>th</sup> -19 <sup>th</sup> Oct 2015	Workshop	Ethical Hacking in association with HACKENG for V Semester BCA students (2013 batch)
12 <sup>th</sup> Oct 2015	Workshop	“PCR Technique” for II semester B.Sc students

Date	Nature of Programme	Particulars
Nov- Dec 2015	Value Added Programme	“Oracle with c#.net” course in association with Systems Domain Pvt Ltd for I sem M.Sc Computer Science students
23 <sup>rd</sup> Nov - Dec 2015	Value Added Programme	Tally ERP 9 for students of VI semester students

### Field visits

Date	Place Visited	Class
5 <sup>th</sup> Dec 2014	Modern Bread Factory (Hindustan Unilever)	M.F.A. & M.I.B.
16 <sup>th</sup> Jan 2015	Nano technology laboratories of IISC, Bangalore	B.Sc (EMCs)
21 <sup>st</sup> Jan 2015	Tertiary Sewage Treatment Plant, Yelahanka, Bangalore	M.Sc BT
23 <sup>rd</sup> Jan 2015	RED FM	BA
24 <sup>th</sup> Jan 2015	INFOSYS, MYSORE	VI sem BCA
29 <sup>th</sup> Jan 2015	Doordarshan Kendra, Bangalore	BA
31 <sup>st</sup> Jan 2015	Christ University “Pratibimb- Documentary and short Film Fest”	BA
23 <sup>rd</sup> – 26 <sup>th</sup> Feb 2015	Kitex Garments Ltd, Anna Aluminium Ltd, Kerala Electricals Ltd, FACT fertilizers.	IV BBM
16 <sup>th</sup> Mar 2015	Central Coastal Agricultural Research Institute, Goa	VI sem GbcMb, Bt, II M.Sc MB
17 <sup>th</sup> Mar 2015	National institute of Oceanography, Goa	
18 <sup>th</sup> Mar 2015	Goa University	
24 <sup>th</sup> Mar 2015	Labland Biodiesel Pvt. Ltd., Mysuru	M.Sc BT
21 <sup>st</sup> May 2015	Heritage Winery, Channapatna	VI sem GbcMb, Bt, II M.Sc MB
17 <sup>th</sup> Apr – 23 <sup>rd</sup> May 2015	Bangalore – Mangalore – Udupi – Manipal – Bhatkal – Gokarna – Bangalore	II Year MTA
25 <sup>th</sup> – 30 <sup>th</sup> May 2015	Bangalore–Tumkur–Shimoga–Chickmagalur–Hassan– Bangalore	I Year MTA
12 <sup>th</sup> Jul 2015	The PRINTERS (Mysore) Pvt. Ltd, (Deccan Herald)	M.Com.
8 <sup>th</sup> Aug 2015	Heritage Winery, Bangalore and Lazaa Frozen Foods, Bangalore	III BBA
14 <sup>th</sup> Aug 2015	Tumkur-Industrial visit to Unibic and Nandini Dairy	B.Com
14 <sup>th</sup> Oct 2015	Indo American Hybrid Seeds, Bangalore	M.Sc BT
24 <sup>th</sup> Oct 2015	Rail Wheel Factory Yelahanka, Bangalore	M.F.A
9 <sup>th</sup> Nov 2015	Tertiary Sewage Treatment Plant, Yelahanka, Bangalore	M.Sc BT
21 <sup>st</sup> Nov 2015	UB Blood Stock and Racing Pvt. Ltd. Kunigal	M.Com

### Guest Lectures

Date	Particulars	Department
10 <sup>th</sup> June 2014	Techniques of Auditing by Mrs. Hemalatha, Vyshnavi Associates	PG Commerce
17 <sup>th</sup> Jun 2014	Dynamics of International Marketing by Mr. Prateek Arora, IBM India Ltd.	PG Commerce
26 <sup>th</sup> Jul 2014	Career opportunities for B.Sc Electronic student by Mr. Avinash Sharma, CISCO systems	Electronics
09 <sup>th</sup> Aug 2014	Marketing for New products and new markets by Prof. Kiran Koppada	BBM
12 <sup>th</sup> Aug 2014	Information security and ethical hacking by Mr. Kalathil Karthick	Computer Science
13 <sup>th</sup> Aug 2014	Wild life Conservation and Management by Dr. Richard Storey and Mr. Avinash Krishnan, National Institute of Water & Atmospheric Research New Zealand & Research Officer, A Rocha	Life Sciences
16 <sup>th</sup> Aug 2014	Research Project writing by Mr. Abhishek Narangwal	BBM
19 <sup>th</sup> Aug 2014	Current Perspectives and Applications by Dr. Suvarna Chavannavar, GKVK, Bangalore	Life Sciences
19 <sup>th</sup> Aug 2014	Networking & ITES by Mr. Bilal Ahmed, Livewire	Computer Science
03 <sup>rd</sup> Sep 2014	Stock Market by Mr. Shree Harsha	UG Commerce
09 <sup>th</sup> Sep 2014	Financial Services by Dr. Suresh, SEBI, Trainer	PG Commerce
12 <sup>th</sup> Sep 2014	Dairy technology by Dr. Devi, NDRI, Bangalore	Life Sciences
12 <sup>th</sup> Sep 2014	Scope in Dairy products by Dr. Subash. NDRI, Bangalore	Life Sciences
13 <sup>th</sup> Sep 2014	Leadership in present context by Mr. Abhay Jain, Saint Gobain Ltd	BBM
13 <sup>th</sup> Sep 2014	Electronic Design & Automation by Mr. Elangovan, Live wire.	Electronics
16 <sup>th</sup> Sep 2014	Writing an effective resume by Mr. Himansu Patnaik	English
19 <sup>th</sup> Sep 2014	Stem cell therapy by Prof. Leena Elizabeth	English
19 <sup>th</sup> Sep 2014	Common Medicinal Herbs for Primary Health Care by Dr. Girish kumar V, Institution of Ayurveda and Integrative Medicine	Life Sciences
26 <sup>th</sup> Sep 2014	Role of government in business environment by Prof. A. Kuppusamy	BBM
26 <sup>th</sup> Sep 2014	Techniques of interview by Prof. Kalpana Raghavendra	English
29 <sup>th</sup> Sep 2014	Make it Happen by Prof. Money	English
01 <sup>st</sup> Oct 2014	Goal Setting by Mr. Paul Watson	English
6 <sup>th</sup> Nov 2014	Stock Broking and D-Mat account by Mr. Rajesh T, BSE, Chennai	PG Commerce

Date	Particulars	Department
02 <sup>nd</sup> Jan 2015	Windows App Development by Mr. Saddiq, Aptech.	Computer Science
06 <sup>th</sup> Jan 2015	SFDC, Cloud computing by Mr. Satish, Business Analyst EMC2, corporate trainer at Viniti Infotech	Computer Science
17 <sup>th</sup> Jan 2015	Virtual Private Network (VPN) by Mr. Mrinal Biswas, CISCO Systems	Computer Science
20 <sup>th</sup> Jan 2015	Angur encodes for Adaptin-2 sigma and is critically required for synapse development and vesicle endocytosis in <i>Drosophila</i> by Prof. Saumitra Dey Choudhury, Indian Institute of Science Education and Research (IISER), Bhopal	Life Sciences
31 <sup>st</sup> Jan 2015	Expectations of corporate from Management Professionals by Mr. Arvind Warriert, Timker India Ltd	BBA
04 <sup>th</sup> Sep 2015	New Trend of Banking by Mr. Nayak	UG Commerce
07 <sup>th</sup> Feb 2015	Global Skills which magnifies my personality by Mr. Chandan R Shetty	UG Commerce
09 <sup>th</sup> Feb 2015	Alternative Careers in new age industry & Career in E Commerce by Mr. Mathew Anthony –Creative Management	BBA
10 <sup>th</sup> Feb 2015	Health & Hygiene by Prof. Prasanna Srinivas	UG Commerce
12 <sup>th</sup> Feb 2015	Corporate Taxation MAT by Prof. Sairam A	UG Commerce
12 <sup>th</sup> Feb 2015	Indian and International Perspective of Retail Business by Mrs. Suja Nair	UG Commerce
21 <sup>st</sup> Feb 2015	Need of Financial Literacy by Mr. Santhosh	UG Commerce
21 <sup>st</sup> Feb 2015	Advertising in Real Estate by Ms. Sampada Mohan Pillai, Realtor Agency, Bangalore	PG Commerce
21 <sup>st</sup> Feb 2015	Communication and Personality development by Ms. Prithvi Shetty, IBM	Computer Science
24 <sup>th</sup> Feb 2015	Condensed matter physics by Prof. Pierre J. Becker, Ecole Centrale Paris	Life Sciences
25 <sup>th</sup> Feb 2015	Coronary Artery Diseases by Prof. Gundu Rao, University of Minnesota	Life Sciences
26 <sup>th</sup> Feb 2015	Systems Biology by Dr. Abhilash Mohan, IISc, Bangalore	Life Sciences
27 <sup>th</sup> Feb 2015	Career options in Germany by Dr. Selvam Arjunan, Indian Academy Degree College	Life Sciences
04 <sup>th</sup> Mar 2015	Cellular Communications by Dr. Karnam S Murthy, Virginia Commonwealth University, USA	Life Sciences
05 <sup>th</sup> Mar 2015	Financial Planning by Mr. Santhosh N and Mr. Rishabh Surana	UG Commerce
28 <sup>th</sup> Mar 2015	Assets liability management practice in India by Mr. P.Vargheese, Corporation Bank, Bangalore	PG Commerce
18 <sup>th</sup> Apr 2015	Measuring and monitoring risk in Banks by Mr. P.Vargheese, Corporation Bank, Bangalore	PG Commerce

Date	Particulars	Department
09 <sup>th</sup> May 2015	Fund transfer Pricing and performance measurement in Banks by Mr. P. Vargheese, Corporation Bank, Bangalore	PG Commerce
08 <sup>th</sup> Jul 2015	Finance the Art of Business by Mr. Pavan N Rao, WIPRO Limited	BBA
09 <sup>th</sup> Jul 2015	Investors Awareness Programme by Marina Jose Kanjikal	BBA
07 <sup>th</sup> Jul 2015	Information Security and Ethical Hacking by Mr. Kalathil Karthik, Hackeng	Computer Science
10 <sup>th</sup> Jul 2015	Guidelines for Investing in shares by Ms. Marina Jose	UG Commerce
11 <sup>th</sup> Jul 2015	Memories Flourish in Brains Mesh by Dr. Jayashankar, IIHR, Bangalore	Life Sciences
13 <sup>th</sup> Jul 2015	Share Trading by Ms. Marina Jose	UG Commerce
13 <sup>th</sup> Jul 2015	Investor Personnel by Ms. Marina Jose	UG Commerce
14 <sup>th</sup> Jul 2015	Myth about Chartered Accountancy by Mr. Sripal Jain, K2Learning	BBA
15 <sup>th</sup> Jul 2015	CA-CPT A MYTH by Mr. Babu R	UG Commerce
16 <sup>th</sup> Jul 2015	How to Interpret Literature? by Prof. Avanija Rajesh	English
03 <sup>rd</sup> Aug 2015	How to identify your potential by Mr. Subramanya.K, Grace Academy	BBA
04 <sup>th</sup> Aug 2015	Career Growth in Finance & Taxation by Mr. Syed Noor Salam	UG Commerce
04 <sup>th</sup> Aug 2015	Cisco firewall- IT security by Mr. Rajiv Ranjan Dubey, CCIE	Computer Science
06 <sup>th</sup> Aug 2015	Micro Mechanical Systems by Prof Rajashree, SFGC, Yelahanka	Electronics
18 <sup>th</sup> Aug 2015	Mathematical Modeling by Dr. Sumitra R, Government Science College, Bangalore	Mathematics
18 <sup>th</sup> Aug 2015	An insight to study abroad opportunities by Mr. Srinath and Mr. John Kurian, ELS International Education Pathways Pvt Ltd	Computer Science
19 <sup>th</sup> Aug 2015	Overview of Stock Market by Mr. Ayyappa, NSE, Chennai	PG Commerce
27 <sup>th</sup> Aug 2015	Leadership and Team Building by Mrs. Urmila Sumeet	BBA
01 <sup>st</sup> Sep 2015	Life Skills by Mr. Wilson Rickardo	English
08 <sup>th</sup> Sep 2015	How to develop Entrepreneurship skills by Mr. P L V Reddy, Heritage Wineries	BBA
10 <sup>th</sup> Sep 2015	My Future with B.Com by Mr. Ragavendra	UG Commerce
30 <sup>th</sup> Oct 2015	Communication Skills by Mr. Rajan, Mr. Shailesh & Ms. Sheetal, Par Brilliance Academy, Bangalore	PG Commerce
04 <sup>th</sup> Nov 2015	BSE Investor Awareness Program by Ms. Marina Jose, BSE	PG Commerce

Date	Particulars	Department
18 <sup>th</sup> Nov 2015	Overview of Stock Market by Mr. Prakash Chowdhary	PG Commerce
1 <sup>st</sup> Dec 2015	AIDS- The disease, social stigma and awareness by Dr. Parimala, Freedom Foundation	Life Sciences
09 <sup>th</sup> Dec 2015	Placement interviews and formal dress code by Mr. Paul Watson	BBA
16 <sup>th</sup> Dec 2015	Laser Cooling and Trapping of atoms by Dr. Hema Ramachandran, Raman Research Institute, Bangalore	Physics
08 <sup>th</sup> Jan 2016	importance of Tally in the present context by Mr. Kiran Kumar, Tally ERP 9	BBA
14 <sup>th</sup> Jan 2016	Globalization and its impact on Jobs/ FDI / Professional Certifications by Mr. Sanjay Singh, Logic School of Management	BBA

The Indian Academy Centre for Entrepreneurial Learning (IACEL) has organized the following Guest lectures for the students to take entrepreneurship.

#### Initiatives by IACEL

Date	Speaker	Topic
21 <sup>st</sup> Feb 2015	Ms. Sampada Mohan Pillai	Advertising and Entrepreneurship in Real Estate
19 <sup>th</sup> Aug 2015	Mr. Ayyappa	Overview of Stock Market
18 <sup>th</sup> Sep 2015	Mr. Rupesh	Encounter With Entrepreneur
4 <sup>th</sup> Nov 2015	Ms. Marina Jose	BSE Investor Awareness Program
18 <sup>th</sup> Nov 2015	Mr. Prakash Chowdhury	Overview of Stock Market

In addition to that, our students were involved in the following entrepreneurial activities.

Date	Entrepreneurial Activities	Department
4 <sup>th</sup> - 5 <sup>th</sup> Feb 2015	Business activity by setting up stalls in the campus	BBA
15 <sup>th</sup> July 2015	Product launch	B.Com
9 <sup>th</sup> - 10 <sup>th</sup> Sep 2015	EMPORIUM-an Entrepreneurial activity	BBA



The Indian Academy Centre for Professional Excellence (IACPE) and Indian Academy Centre for Students' Placements Services (IACSPS) spearheaded the career guidance, competency building and placement activities for the students. Some of the major recruiters during the last two years are;

1.	AAyuja Technologies India Pvt. Ltd.	19.	Indigo Airlines
2.	Alligies Technologies	20.	Infosys
3.	Axis Securities	21.	ING VYSYA Bank
4.	Bangalore Education Guide Line (BEGl)	22.	ISGN
5.	BIOCON Ltd.	23.	JP Morgan
6.	Collabera	24.	Life Gene Bioscience
7.	Concentrix	25.	Mars India
8.	Covidean Health Care	26.	Molecular Connections
9.	Cross Domain	27.	Mphasis
10.	Decathlon	28.	Nandi Toyota
11.	Dharma Systems	29.	Ola Cab
12.	Doc Suggest Ziffi	30.	Snap Fitness
13.	Edutel Technologies Pvt. Ltd.	31.	Swami Direct Marketing
14.	Fortuna Constructions	32.	Times India Trade
15.	HP	33.	VSPL
16.	IBM	34.	Wipro
17.	ICICI Bank	35.	Zyme Solutions
18.	ICICI Life Insurance		

#### Initiatives by IACSPS

Year	No of companies visited	No of jobs offered	No. of students placed
2013-14	45	250	137
2014-15	25	240	125

Student grievances addressed by the Student Grievance Redressal Cell during the last year

Major Grievance Reported	Redressal
Wi-Fi speed is not sufficient to efficiently browse the net	The Wi-Fi speed was upgraded to 125 mbps
Few Students property was lost during examination time when they keep their bags outside the exam hall in the corridor	Implemented CCTV in the campus

#### Student Progression

Student Progression	Batch 2011-14	Batch 2012-15
	Values in Percent	
UG to PG	50-55	50-55
PG to M.Phil	-	-
PG to Ph.D.	6-7	7
Ph.D. to Post-Doctoral	-	-

Student progression	Batch 2011-14	Batch 2012-15
	Values in Percent	
Employed		
• Campus Selection	32	33
• Other than Campus Recruitment	2	3
Entrepreneurs	3	4

### PG Courses (Pass Percentage) & Completion Rate

Course	Batch 2012-14		Batch 2013-15	
	Pass %	Completion rate%	Pass %	Completion rate%
MSc Biotechnology	90.9	100	91.9	100
MSc Microbiology	100	100	87	100
MSc Biochemistry	93	99	30	99
MSc Chemistry	42	98	35	98
MSc Applied Genetics	90	100	100	100
MFA	50	99	70	99
MIB	44	98	-	-
M Com	93	100	90	100

### UG Courses Pass Percentage & Completion Rates

Course	Batch 2011-14		Batch 2012-15	
	Pass %	Completion rate%	Pass %	Completion rate%
B Com	71	77	68	73
BBM	61	98		
BCA	60	95	67	98
BSc (EMCs)	20	95	40	98
B.Sc (GBCMB)	100	100	100	100
B.Sc (GBCBT)	100	100	80	98
BA (Pol.Sc)	86	98	89	98
BA (Psy)	86	98	89	98

### Academic Excellence/ University Ranks

Name of the Students	Course	Year	Rank
Ms. Salina Subedi	BBM	2014	1
Ms. Chethana Hasarangi Galketiy	B.Sc. (GBcBt)	2014	9
Ms. Sithara.R	MFA	2014	2
Ms. Alka Bajracharya	BBM	2015	1 <sup>st</sup> Rank & Gold Medal
Ms. Sumitra Chaulagain	BBM	2015	2
Ms. Sushma Khattri	BBM	2015	3
Ms. Shristi Chaudhary	BBM	2015	9
Mr. Sravan.K.V	MFA	2015	1

Name of the Students	Course	Year	Rank
Ms. Komal Jahkar	B.Sc. (CZMb)	2015	Two Prizes for BA/B.Sc. examination with Compulsory English & Compulsory English under Part-I Securing highest marks
Ms. Kavitha S	B.Com.	2015	One Gold Medal for securing highest marks in Auditing & Taxation.

### Sports and Athletics

Annual Football Tournament:

Year	Date	No of Participants	No of medals Instituted	
			Gold	Silver
2014-15	28 <sup>th</sup> - 31 <sup>st</sup> Aug 2015	15	--	15

Other Sports and Games during Annual Sports Meets

Year	Number of Participants	Number of Prizes/Medals/Cash Prizes Instituted				
		Winners	Runners	Gold medals	Silver medals	Bronze medals
2014	10	01	01	01	01	04

Representation in University Teams and Participation at State and National Level Sports

Year	Event	Level (National/ University/ State)
2014-15	Kabaddi Athletics Football	03

Achievements in Extra-curricular & Co-curricular Activities during 2014-15

Year	Host Institution	Event	Achievements
2014-15	Maharani Lakshmi Ammani College	Mad Ads	II Prize
		B-Boying	I Prize
		JAM	II Prize
	GRV College of Management	Skit	I Prize
	Mount Carmel College	Group dance	I Prize
		Solo singing	II Prize
		Quiz	I Prize
	Goodwill Christian College	Fashion show	I Prize
	Jyothi Nivas College	Creative Writing	II Prize
	St. Anne's Degree College	Western Dance	II Prize
		Solo Dance	II Prize
	Garden City College	Solo Dance	I Prize
	Sindhi College	Solo Dance	III Prize
		Mad Ads	I Prize
	New Horizon College	Switch Foot	III Prize

Year	Host Institution	Event	Achievements
2015-16	Brindhavan College	Mime	I Prize
		Debate	I Prize
		Solo Dance	III Prize
	St Aloysius Degree College	Essay Writing	III Prize
		Elocution	III Prize
	Mount Camel College	Solo Dance	I Prize
		Duet Singing	II Prize
		Debate	II Prize
		Street Dance	II Prize
		Personality	I Prize
	St. Anne's First Grade College	Solo Signing	II Prize
	Jain University	Debate	I Prize
	CMR College	Mime	I Prize
		Mime	II Prize
		Personality	I Prize
		Street Dance	I Prize
	Presidency College	Debate	II Prize
		Personality	II Prize
	Kristu Jayanti College	Spell Bee	II Prize
		Jam	I Prize
		Destination Launch	II Prize
		Mock Press	II Prize
	Kairalee Niketan Golden Jubilee College	Photography	II Prize
	Sindhi College	Gaming	III Prize

## **CRITERION VI:**

### **Governance, Leadership and Management**



## **CRITERION VI: Governance, Leadership and Management**

### **Strategy Development and Deployment**

College has applied for Autonomy and the inspection by Bangalore University was completed in December 2015. The UGC inspection is awaited.

### **Quality Improvement Strategies**

#### **Teaching and Learning**

We recruit candidates with M.Phil/ Ph.D for Life Science departments since it has been recognized as research centre by the Bangalore University. This initiative has enhanced the academic delivery and has inculcated a rich research culture among the students. This has yielded many research publications by students along with faculty.

Many Value Added Programmes were offered through Indian Academy Centre for Professional Excellence (IACPE) based on the feedback provided by the stakeholders.

### **Research and Development**

Bangalore University has recognized the Life Science Departments as a Research Centre to offer Ph.D in Life Sciences.

### **ISR Initiatives**

#### **Community Engagement**

Indian Academy Degree College has signed a MoU with Bruhat Bangalore Mahanagara Pallike (BBMP) towards Janagraha - a school adoption project to provide study materials and infrastructural assistance. The following government schools in urban Bangalore has been adopted.

1. Govt. Model Primary School, Madiwala – Chokkandahalli Malur Taluk
2. Corporation Primary School, Broadway, Bengaluru
3. Corporation Primary School, Thimmaiah Road, Bengaluru
4. Corporation Primary School, Neelasandra, Bengaluru
5. Corporation Boys High School, Broadway, Bengaluru
6. Corporation Girls High School, Broadway, Bengaluru

College has planted hundreds of saplings in and around the campus and is also taking care of them to create an impact among the stakeholders and neighbouring community on sustenance of good environment.

The College has signed a MoU with Freedom Foundation, a NGO working for juvenile HIV patients in propagation of AIDS awareness among students.

The institution has active NSS and vibrant Youth Red Cross (YRC) units which are engaged in reinforcing the positive aspects of Community engagement by organizing various programmes.

Date	Activities
30 <sup>th</sup> Sep 2014	A rally on the theme 'Safety of Woman and Child'
20 <sup>th</sup> Sep 2014	Exhibit of Biological Science models to Government School Children, Hennur Cross
5 <sup>th</sup> Dec 2014	'Know your Consumers Rights' Drive
19 <sup>th</sup> – 24 <sup>th</sup> Jan 2015	'Computer Literacy program' for students of Hennur Model High School
23 <sup>rd</sup> Jan 2015	Field visit to A Rocha, Bannerghatta, to understand the 'Human-Animal Conflict'
25 <sup>th</sup> Jan 2015	Awareness campaign on National Voter's Day
5 <sup>th</sup> Feb 2015	Lecture on "Precaution and Palliative Care for Cancer in Women"
27 <sup>th</sup> Mar 2015	Thyroid Check-up camp
6 <sup>th</sup> Apr 2015	Awareness campaign on filing of 'Income Tax'
23 <sup>rd</sup> Apr 2015	Awareness rally on 'Filing of Income Tax' in the near vicinity of the college
8 <sup>th</sup> – 16 <sup>th</sup> Jun 2015	E-gurukul program for non-teaching staff members of IADC
11 <sup>th</sup> Jul 2015	Observation of World Population Day
14 <sup>th</sup> Jul 2015	Celebration of World Merit Day
16 <sup>th</sup> Aug 2015	Awareness talk on 'Communicable Diseases'
16 <sup>th</sup> Aug 2015	Fire drill and life saving measures
8 <sup>th</sup> Sep 2015	Observation of International Literary Day
15 <sup>th</sup> Sep 2015	Observation of International Peace Day
2 <sup>nd</sup> Oct 2015	Blood donation camp
19 <sup>th</sup> Nov 2015	Observation of National Integration Day
1 <sup>st</sup> Dec 2015	Observation of World Aids Awareness Day
10 <sup>th</sup> Dec 2015	Observation of World Human Right's Day

### Human Resource Management

On a continuous endeavour towards quality enhancement, all the faculty are encouraged to register for Ph.D in their respective disciplines.

Four of our faculty members; Dr. Geetika Pant and Dr. Khalid Imran (Biotechnology), Dr. Deepa B.M. and Dr. Vanitha G (Applied Genetics) have received doctoral degree in the last two years.



### IQAC Initiatives

S.No.	Decisions of IQAC	Year	Status
1.	Imparting basic writing and reading skills to the house keeping staff	2014	Implemented
2.	Installation of Rain Water Harvesting System in the campus	2014	Implemented
3.	To conduct Academic Audit	2014	Implemented
4.	To introduce more modules in Knowledge Pro	2015	Implemented
5.	To introduce New Value Added Programmes	2015	Implemented through IACPE
6.	To initiate Research Centre recognition	2015	The Life Sciences departments of the college is recognized as Research Centre by Bangalore University
7.	Autonomy	2015	The college has submitted the application and first inspection team from Bangalore University is completed
8.	To provide financial support through Single Girl child scholarship	2015	Implemented from the year 2016
9.	Up gradation of classrooms with ICT facility	2015	Implemented
10.	To conduct Academic Audit	2015	Implemented
11.	Creation of institutional email ids for staff members	2016	Implemented
12.	Display of Signage boards	2016	In process



## **CRITERION VII:**

### **Innovations and Best Practices**



## CRITERION VII: Innovations and Best Practices

### Environmental Consciousness

- ♦ The college has installed Water Harvesting System in the campus through Rain Water Harvesting and Ground Water Recharging.
- ♦ Sapling plantation programme was organized through Karnataka State Council for Science and Technology (KSCST) and Government Nurseries. Around 250 saplings were planted in around our location.
- ♦ Biomedical Waste Management in the campus was done through Medicare
- ♦ Environmental Management Pvt. Ltd for which a MoU was established.
- ♦ Seminar Halls and Board Rooms were installed with LED lights for low energy consumption.
- ♦ Solar powered outdoor lightings were installed to convert solar energy into electricity.

### Innovations

#### Industry/Institutional collaborations

Eight new MoUs were signed by the college with St. Joseph's College, Trichy, Loyola College, Chennai, Systems Domain, Tally Institute of Learning, Par Brilliance Academy, K2 Learning Resource India Pvt. Ltd, Alpha Tech Academy Pvt. Ltd, Aptech Computer Education to promote research and interface their resources and expertise.

Industry collaboration with Skanda Life Sciences Pvt. Ltd. Bangalore was made for training and student projects.

Under the Department of Student Development and Research (DSDR), certificate course on System Biology was offered to Life Science students.

DD/MM/YY	Department	Certificate course	Target Beneficiaries
19 <sup>th</sup> - 25 <sup>th</sup> Jan 2015	Biochemistry	Systems Biology	I M.Sc Biotechnology and Microbiology
2 <sup>nd</sup> - 7 <sup>th</sup> Feb 2015	Biochemistry	Systems Biology	II M.Sc Microbiology
18 <sup>th</sup> February 2015 - 17 <sup>th</sup> May 2015	Biochemistry	Systems Biology	II M.Sc Biochemistry
4 <sup>th</sup> - 9 <sup>th</sup> May 2015	Biochemistry	Systems Biology	IV M.Sc Biotechnology and Microbiology

### Extension Activities

The college has adopted 3 Primary Schools and 2 High Schools in Bangalore East Zone to provide teaching-learning aids, study materials and equipments, stationeries and furniture. A MoU was signed between the College and Bruhat Bangalore Mahanagara Palike (BBMP) in the month of January 2015. The college has planned to conduct awareness programmes for the school students.

### IACPE Initiatives

To create additional learning opportunities by identifying skill gaps in the employability of students, Indian Academy Centre for Professional Excellence (IACPE) has offered a number of Value Added/ Skill Development programmes.

Date	Particulars	Target Beneficiaries
9 <sup>th</sup> Jul 2015	Poster-making competition on 'Impact of Values Added Programmes in IADC'	IADC Students
10 <sup>th</sup> Aug - 28 <sup>th</sup> Sep 2015	DUNAMIS 2015 - Value Added Programme	IADC Students
10 <sup>th</sup> - 24 <sup>th</sup> Sep 2015	V.A.L.O.U.R Coaching Programme	B.Com Final Year Students
12 <sup>th</sup> Sep 2015	Enhance the Efficient Programme	Administrative Staff
15 <sup>th</sup> Sep 2015	Leadership Workshop	Student Office bearers
23 <sup>rd</sup> Sep 2015 – May 2016	CA-CPT Coaching Classes	1st Year B.Com
2 <sup>nd</sup> - 14 <sup>th</sup> Dec 2015	TALLY ERP 9.0	B.Com and BBA
13 <sup>th</sup> Feb - 9 <sup>th</sup> Mar 2016	Advanced MS EXCEL	B.Com and BBA

### Value Added Programmes

Date	Department	Particulars	Target Beneficiaries
23 <sup>rd</sup> Nov 2014 – 15 <sup>th</sup> Dec 2015	Commerce	Tally ERP 9	VI Sem B.Com Students
9 <sup>th</sup> Jan - 21 <sup>st</sup> Mar 2015	BCA	Web Applications using ASP.NET conducted by Aptech Pvt. Ltd.	2012 Batch
20 <sup>th</sup> Jan - 17 <sup>th</sup> Mar 2015	Mathematics	Scilab and Maxima	Final Year B.Sc EMCs Students
29 <sup>th</sup> Jan - 23 <sup>rd</sup> Jun 2015	BBA	Quantitative Aptitude	IV Sem BBA Students

**Workshops/Training Programmes/Seminars Organized through IACPE**

Date	Nature of Programme	Particulars	Department	Target Beneficiaries
5 <sup>th</sup> - 21 <sup>st</sup> Jul 2014	Skill Advancement	Molecular Cloning	Bio-chemistry	PG Life Science
20 <sup>th</sup> Aug 2014	Workshop	PHP and MySQL conducted by IITB	BCA	V Semester BCA
3 <sup>rd</sup> -6 <sup>th</sup> Sep 2014	Training	Routing and Switching Concepts	BCA	III and V Semester BCA
4 <sup>th</sup> Sep 2014	Online Workshop	Netbeans	BCA	V Semester BCA (2012 batch)
18 <sup>th</sup> -20 <sup>th</sup> Sep 2014	Workshop	Ethical Hacking in association with HACKENG - The crack Jack	BCA	V Semester BCA
26 <sup>th</sup> September 2014	Work shop	PCR amplification of <i>E.Coli</i> gyrB gene	Genetics	III semester B. Sc.
30 <sup>th</sup> Sep 2014	Workshop	PCR Technique	Genetics	V semester B.Sc Life Science
7 <sup>th</sup> Aug 2015	Online Workshop	Netbeans by IITB	BCA	V Semester BCA (2013 batch)
17 <sup>th</sup> Aug 2015	Workshop	Programme on AIR and FM	Arts	BA
17 <sup>th</sup> Aug 2015	Workshop	Editing in Media	Arts	BA
6 <sup>th</sup> Oct 2015	National Seminar	Biomolecular Research in Health and Medicine	Bio-technology	Life Science students
12 <sup>th</sup> Oct 2015	Workshop	PCR Technique	Genetics	II semester B.Sc
17 <sup>th</sup> -19 <sup>th</sup> Oct 2015	Workshop	Ethical Hacking in association with HACKENG - The crack Jack	BCA	V Semester BCA (2013 batch)
21 <sup>st</sup> Nov 2015	Hands-On Demonstration	Systems Biology	Bio-chemistry	

**IACEL Activities**

DATE	Entrepreneurial Activities	Department
4 <sup>th</sup> - 5 <sup>th</sup> Feb 2015	Business activity by setting up stalls in the campus	BBA
15 <sup>th</sup> Jul 2015	Product launch	B.Com
9 <sup>th</sup> - 10 <sup>th</sup> Sep 2015	EMPORIUM - an Entrepreneurial activity	BBA

**Best Practices**

Best Practice -I: Knowledge Pro – A Holistic Knowledge Management Initiative

**Objectives**

- To create a common platform for all stake holders within the system by automation and integration of various functions.
- To access the resources available within the system.
- To streamline processes and promote collaboration, co-ordination and communication among different entities of the Institution.
- To enable transparency and accountability through shared information.
- To enable the creation and dissemination of data reports to external regulatory bodies and accrediting agencies thereby providing a platform for easy tracking of Institutional progression.

Best Practice -II: Attendance and Active Participation of the Learner in Pursuit of Knowledge

**Objectives**

- To enhance the overall learning environment by encouraging active participation through regular attendance.
- To promote a culture where excellent attendance and punctuality is the norm.
- To raise awareness amongst all stakeholders, the importance of regular attendance and punctuality.
- To sensitize students about the importance of quality time in class room in order to channelize their intellectual energy.



Students' Council (National)



Students' Council (International)



Faculty Members



## Students' Support





**Faculty Development Programme**  
**SRUJANA 2014**



Seminar on Autonomy



SRUJANA 2015



IQAC Seminar



Scholarship Ceremony



Recognition Day



Annual Day



Graduation Day





YUVATARANG



YUVATARANG



SPECTRUM



SPECTRUM



Kannada Rajyotsava



Teachers' Day



Founders' Day





### Annual Sports Day



ISR Activities





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