

The Annual Quality Assurance Report (AQAR) of the IQAC

ACADEMIC YEAR 2014-15

Part – A

AQAR for the year (*for example 2014-15*)

2014-2015

I. Details of the Institution

1.1 Name of the Institution

JYOTI NIVAS COLLEGE AUTONOMOUS

1.2 Address Line 1

HOSUR ROAD

Address Line 2

KORAMANGALA

City/Town

BENGALURU

State

KARNATAKA

Pin Code

560 095

Institution e-mail address

info@jyotinivas.org

Contact Nos.

25530137

Name of the Head of the Institution:

Dr. Sr. ELIZABETH C S

Tel. No. with STD Code:

080 25530137

Extn: 111

Mobile:

09845405082

Name of the IQAC Co-ordinator:

Dr. ELLA SEN

Mobile:

9916187166

IQAC e-mail address:

iqac@jyotinivas.org

1.3 NAAC Track ID (For ex. MHCOGN 18879)

14566

OR

1.4 NAAC Executive Committee No. & Date:

EC/58/RAR dated/106 dated march 10th 2012

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

1.5 Website address:

www.jyotinivas.org

Web-link of the AQAR:

www.jyotinivas.org/IQAC.htwl

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	5 star	-	1999	April 2004
2	2 nd Cycle	A	-	2005	May 2011
3	3 rd Cycle	A	3.76/4	2012	March 9, 2017
4	4 th Cycle	-	-	-	-

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

2005

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

- i. AQAR 2013-14 submitted to NAAC on 09-07-2015 (DD/MM/YYYY)
- ii. AQAR 2012-13 submitted on 26-03-2014 (DD/MM/YYYY)
- iii. AQAR 2011-12 submitted on 11-02-2013 (DD/MM/YYYY)
- iv. AQAR 2010-11 submitted on 22-07-2011 (DD/MM/YYYY)

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

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

Type of Institution Co-education Men Women

Urban Rural Tribal

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

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

LANGUAGES

1.11 Name of the Affiliating University (for the Colleges)

BANGALORE UNIVERSITY

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

Autonomy by State/Central Govt. / University	<input type="checkbox"/>		
University with Potential for Excellence	<input type="checkbox"/>	UGC-CPE	<input checked="" type="checkbox"/>
DST Star Scheme	<input type="checkbox"/>	UGC-CE	<input checked="" type="checkbox"/>
UGC-Special Assistance Programme	<input type="checkbox"/>	DST-FIST	<input type="checkbox"/>
UGC-Innovative PG programmes	<input type="checkbox"/>	Any other (<i>Specify</i>)	<input type="checkbox"/>
UGC-COP Programmes	<input checked="" type="checkbox"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="10"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="3"/>
2.3 No. of students	<input type="text" value="-"/>
2.4 No. of Management representatives	<input type="text" value="3"/>
2.5 No. of Alumni	<input type="text" value="1"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="-"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="1"/>
2.8 No. of other External Experts	<input type="text" value="-"/>
2.9 Total No. of members	<input type="text" value="18"/>
2.10 No. of IQAC meetings held	<input type="text" value="4"/>

2.11 No. of meetings with various stakeholders: No. Faculty
 Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No
 If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

- A delegation of staff and students from Jyoti Nivas College Autonomous visited the University di Pisa, in Pisa, Italy and made a presentation of the college and its various courses. Mutual discussion led to an active interest by the authorities of the University of Pisa to have a tie-up with Jyoti Nivas College. Agreement of collaboration between the University of Pisa and Jyoti Nivas College Autonomous was signed in April 2015. The areas of collaboration will include programs for the development and strengthening of cooperative relationships between the two institutions.

Conferences conducted/attended:

One of the important components of higher education is to bring about a continuous focus on the latest trends and studies in the domain. This can be attained through conferences and inviting domain experts to speak and present papers in an area of contemporary relevance.

The following conferences were conducted by some of the departments:

- The Department of B.Voc – Visual Communication and Performing Arts Organised a National Film Festival and media engagement conference – Jyoti Filmato, that saw the entry of 32 short films at our very first attempt.
- The Department of History conducted ICHR sponsored two day National Conference on “Role of Tribals in the Cultural History of South India:10th-19th Century A.D.” On November 25-26, 2014. The inauguration of the conference included, welcome address by Mrs. Nalini Sekaran, HOD of History Department Jyoti Nivas College. It was followed by the message of the chief patron Dr. Sr. Elizabeth, Principal Jyoti Nivas College and the key note address was given by Dr. H.C. Boralingaiah, Vice Chancellor of Kannada University, Hampi. The conference received an overwhelming response from the academicians, students and all the participants from different colleges.

- UGC sponsored two day National Conference on Sep3rd and 4th 2014 titled 'Recent Trends in Medicinal Chemistry' was conducted. Industry collaborators were Anthem Biosciences and Auregene Discovery Technologies.
- The Department of Economics conducted a workshop on 'Managing Social Enterprises' was organised on 21st-22nd July 2014, in collaboration with CSIM and the British Council.
- A seminar was organized by "Manasi" the Psychology Association on 14th July 2014 on "Mental Health service in India and American Prisons"
- Dr. Anila Thomas attended the International Conference on "Environmental Sustainability Tourism" at Vivekananda Kendra, Kanyakumari on 16th and 17th August 2014
- Dr. Anila Thomas attended the third annual International Conference on "Contemporary Scenario in Hospitality and Tourism Industry" at the Garden City College on 28th August 2014
- Ms. Thankamma George attended a conference on "Social Participation in Elementary Education – a Sociological Perspective" organized by the Christ University
- Mr. V M Shanmugam attended a National Conference on "Urban Biodiversity" conducted by Christ University in collaboration with Karnataka Biodiversity Centre from 1st to 2nd September 2014
- Mr. V M Shanmugam attended a 2-day National Level UGC Conference on "Recent Trends in Medicinal Chemistry" conducted by the Department of Chemistry, Jyoti Nivas College on 3rd and 4th September 2014
- Dr. Sr. Mary Margaret Nirmala chaired a technical session at an International Conference on "Mathematical Sciences", Madurai Kamaraj University on 22nd August 2014
- Mr. Timothy Paul, Ms. Heena Gupta and Ms. Sheril Sophia D' Couto attended the National conference on "Computing Intelligence for Engineering Quality Software" on 21st and 22nd August 2014 at CIT, Coimbatore, Tamil Nadu

Papers presented/published: Paper presentation and publication has become one of the necessary mantras of higher education. This enables the faculty to pursue his/her interests in various aspects of her academic domain and in turn enrich her students. Following are some of the faculty members who presented/published papers:

- Ms. Sujatha Padmanabhan presented a paper on "Alternative English syllabus for us students: A Viable Option?" in the 2-day National Seminar held at Government First Grade College, Bangalore, organized by the Department of English on 11th and 12th August, 2014
- Dr. V Shantha delivered a talk on "Challenges in Transition: The Indian Context" at Prasara Bharathi which was aired on All India Radio, in July 2014
- Dr. V Shantha published a paper on "Bridging the Gap Across Culture through Literatures" in the "Internal Journal of English and Literature" ISSN (online) 2249-6912; ISSN (print) 2249-8028; impact factor (JCC) 3.8526
- Ms. Hiya Roy published a paper on "Let's peek into the eyes of an only child: A Psychological perspective" (Vol3, No:1, 2014, pg 43-46) in the journal 'Vistas: A Multidisciplinary Research Journal', ISSN: 2319-5770, St. Joseph's college, Kerala
- Mrs. Leena Nair presented a paper 'Outward Foreign Direct Investment in the Globalization Era: the Indian experience' at the 7th International Conference on "Managing Uncertainty and Complexity" organised by the Department of management Studies, Kristu Jayanthi College on 3rd and 4th April 2014

- Dr. Vanaja Malathy, Public Relations Officer, delivered talks on “Present Day Youth and Internet Addiction” and “Open Textbook Examinations” on All India Radio
- Mrs. Leena Nair presented a paper ‘Internationalization Strategy: Outward FDI by Indian firms’ at a National Conference on “New perspectives in Indian Management” organized by the Department of Management Studies, M S Ramaiah Institute of Technology, Bangalore on 23rd and 24th April 2014
- Dr. Radha Ganapathy published a paper ‘Role of the State in Developing Countries’, in National Journal of Jyoti Research Academy, January – June 2014, vol. 8 (1), pgs 22-27
- Ms. Nalini Sekaran presented a paper titled “M M Hills as a Potential Religious Tourism Destination in Karnataka” at the UGC-sponsored National Seminar at National College, Jayanagar on 27th Aug 2014
- Dr. R Ramachandrappa published a paper on “Kinetic and Mechanistic Investigation on Oxidation of Levamisole hydrochloride by Bromamine-T in Hydrochloric acid Medium” in IOSR journal of Applied Chemistry (IOSR – JAC) e-ISSN: Vol 7, Issue 7, ver ii, July 2014, pg 30-37
- Dr. Sophia published a paper on “Insilico docking on analysis of Amilia Sonchifolia – gas chromatography-mass spectroscopy derived terpenoid compounds against pancreatic cancer targets (AKT and BRCA 2)” in ‘World Journal of Pharmacy and Paharmaceutical Science’ Vol 3 Issue 6, Pg no 18844-55, SJIF Impact Factor 2.786
- Dr. K Pratibha presented a paper on “Seed Storage and Conservation Methods for Recalcitrant Seeds of Economically Important Fruit Trees” at the UGC-sponsored National Conference on “Emerging Trends in Value Addition to Plants and Plant Products” at Vishakhapattanam, July 24th and 25th 2014
- Dr. Geeja S Kurian presented a paper on “Value Addition through Organic Farming in Coleus Forskholii” at the UGC sponsored National Conference on “Emerging Trends in Value Addition to Plants and Plant Products” at Vishakapattanam, July 24th and 25th 2014
- Mr. Shanmugan V M presented a paper on “Isolation and Characterisation of Potent Polyhydroxy Butyrate (PHB) producing bacteria from various Environmental Samples collected from locality of Bangalore” at the national Confernce on “MUBICS” conducted by Christ College on 1st and 2nd September 2014
- Mr. Mahadevaiah and Mr. Shanmugam (2014), “Isolation and Characterisation of Potent Polyhydroxy Butyrate (PHB) producing bacteria from various Environmental Samples collected from locality of Bangalore”, Book of Abstarcts, MUBICS – 2014, Pg 58 (ISBN 978-93-82305-48-4).
- Mrs. Thankamma George published a paper “Enhancement of Thermoelectric efficiency in Vapour deposited Sb₂Te₃ and Sb_{1.8}In_{0.2}Te₃ Crystals” in the international journal “Crystal Research and Technology”, Wiley-Ver Vol. 49-2014 Pg. 212-219 (DOI 10.1002/erat201300318)
- Ms. Rani Titus published a paper on “Ferromagnetic Liquid Flow due to Gravity – aligned Stretching of an Elastic Sheet” in the “Journal of Applied Fluid Mechanics”, Iran Vol 8 No. 4 Oct – 2015

Workshops/talks conducted/attended: Academic workshops form a key component in building knowledge resources. Workshops not only enable in dissemination and circulation of new academic/industry ideas but also function as an experiential learning process. Some of the workshops conducted/attended by the staff are:

- To enhance teacher skill a workshop on “Practical skill in Life Sciences” was conducted for high school teachers by the department of Genetics and Zoology on 21st August 2014. About 26 teacher participants attended the workshop. A hand-on training technique such as micro technique, Blood Cell Counting, Aquaxaping, extraction of DNA, dermatoglyphics, electrophoresis and plant tissue culture was provided using the expertise of the staff members and to undergraduate students.
- Department of Economics organized a two-day workshop on “Managing Social Enterprises” on the 21st and 22nd July in collaboration with the Centre for Social initiative and Management and the British Council.
- Department of History started a Short Term Course on Archeology to expose students to inter-disciplinary fields of History. It gives deeper insight into the past in addition to secondary sources.
- Department of English organized a talk on “Trends and features in Modern European Literature with special focus on post-Holocaust Literature”. The talk was delivered by eminent academician Prof. Cheriyan Alexander on July 21, 2014 to an audience of Optional English and MA English students.
- A guest talk on “Tourism in Karnataka” focusing on the Promotion on Art and Culture of Karnataka was delivered by Prof. Shobha Patil, on development of art, culture and tourism destination of Karnataka. It was a workshop for the first year students held on August 18, 2014
- Department of Tourism organized a guest lecture on “Cargo and Shipping, Cargo Handling, Sir Cargo” between 21/07/2014 and 25/07/2014. The speaker was Mr. Unnikrishnan, Rts. Commercial Manager, Air india.
- Department of Tourism organized a guest lecture on the “Role of Women in India’s Freedom Struggle” on the 11th August 2014. The speaker spoke about various women who have contributed in India’s Freedom Struggle from North and South India.
- Mr. Javed Imthiaz, Lecturer, Department of Sociology, was selected by the Bauhaus Universitat Weimar, Germany, to attend their Summer School. Over four weeks, he took part in a course on contemporary drawing and a course in design basics.
- Department of Botany organized a workshop as part of their Short Term Course on mushroom cultivation, Terrace Gardening, Organic Manure Production and Techniques for Bonsai Cultivation.
- Ms. Zehra attended a workshop on “Research Methodologies in Management and Social Sciences: a skill building approach”.

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action:

- Introducing New courses
- Organising an orientation programme for teachers
- Evaluation of departmental activities

Plan of Action:

- Establishment of an IQAC office with secretarial assistance required for IQAC
- Development and Maintenance of Institution data base through Management Information System (MIS) to enhance the institution Quality
- General Development Assistance
- Maintenance Committee
- Constituting a Research body
- Encourage major and minor research projects
- Organize international/national/state conferences/seminars/workshops
- Management staff designation
- Publishing of IQAC Newsletter
- Community Lab – students go to the government schools and teach to gain experience
- To take up innovation – create mechanisms that stimulate innovation and change
- Setting up of ‘Research Advisory Council with external experts for research consultation and publishing of research papers in International journals

Achievements: The latest **honour** conferred upon Jyoti Nivas is permission by the UGC and MHRD to start the prestigious **B.Voc courses** as part of the Ministry of Human Resource Development, Govt. of India’s program for integrating skill and vocational development with mainstream general education, to create highly-skilled and competent human work force.

Two B. Voc Courses in **Banking and Finance** and **Visual Communication and Performing Arts** were formally inaugurated on 14th Aug 2014 by the Registrar of Bangalore University, Prof. K K Seethamma. The B.Voc courses are integrated with the National Skills Qualification Framework to align higher education with skill development. Our college was one of the privileged few to be selected by the UGC to start these prestigious courses. The response from students and parents has been overwhelming. The spacious and upgraded B.Voc Lab was inaugurated on 13th Aug, 2014.

The **NCC Unit of the college** was conferred with the **Best Institution Award for NCC Girls’ Wing, for Karnataka and Goa Directorate, for 2014-2015**. In the Citation for **Best Institution Senior Wing** by the Deputy Director General of NCC, Air Commodore C. Rajeev commended Jyoti Nivas for its exceptional devotion to the NCC organization and for being a fine example for other colleges to emulate. For the first time in the history of JNC, we have had a representation in the Mavalankar Shooting Camp. Cadet Hemlata Singh Chauhan of II B.Com TM, was one of the girl cadets in Karnataka to attend this prestigious **shooting camp** held at Asansol, West Bengal. For this she was **awarded the Deputy Director General’s Commendation Card**. Cadet Ashwini was selected and attended the **Mount Everest base camp** in Darjeeling under ‘1 Karnataka Girls Battalion’.

The **Rotaract Club of JNC** brought laurels to us by winning **the Presidential Citation** for the year 2014-2015 in recognition of the services of the role of our Rotaract Club in changing lives.

Jyoti Nivas Athletes won the **Athletic Championship** at the Bangalore University Golden Jubilee Inter-collegiate Athletic Meet held in Oct 2014, where 350 colleges took part. Athletics is considered the King of Sports and our college winning the Athletic Championship is a splendid achievement in itself.

Dr. Simi Venugopal: Awarded PhD in Entomology from Madras University – December 2014
Dr. Sudhamshu from the Dept of English was awarded the **Ph D** degree.
Dr. Sudha S from the Dept of Chemistry was awarded the PhD degree from Bangalore University.
Mrs. Nitu Thakur From the Dept of English, **Mrs Vinodhini** from the Dept of Computer Science and **Ms. Sowmya Christina** from the Dept of Commerce and Management were awarded the **M.Phil** degree.

Our Staff members have won awards in recognition of their contribution to the field of education

- Mr. Javed Imthiaz, Lecturer, Department of Sociology, was selected by the Bauhaus Universitat Weimar, Germany, to attend their Summer School. Over four weeks, he took part in a course on contemporary drawing and a course in design basics.
- Dr. Geeja Kurian was conferred with the **Best Paper award, securing 1st place** at the UGC-sponsored National conference on “Emerging Trends in Value Addition to Plants & Plant Products” at Vishakapatnam.
- Mrs. Harathi was conferred with the **Best Paper award** at an International Conference “Emerging Marketing Strategies in the Global Environment” at Loyola College, Chennai.
- Dr. Nirmala Vaz won **in poster presentation** at the National Conference “Recent Trends in Medicinal Chemistry”.
- Ms. Roshini Shetty of the Dept of Commerce also won an **Award of Appreciation** in recognition of the support and contribution to the Rotaract movement by the Rotary International District.
- Our dynamic NCC officer, Lt. H K Roopa Rani received the NCC Officers **‘Cap of Appreciation’** for her commendable service to NCC in the National Integration camp at Assam.
- JNC women staff won the **Throwball Tournament** defeating Christ University, not only at Spghymus our inter-collegiate sports fest, but also at Orbit, the Christ University inter-collegiate sports fest.

Several of our students have excelled themselves and brought credit to the college in both curricular and extra-curricular activities:

- Nikitha S Kumar of III B.Sc PME has emerged as an intercollegiate topper bagging a cash prize of Rs. 50,000/- at the National Level “Merit Award Test 2015” organized by New Horizon Institutions at the all India level. Rumana Fathima Shariff of III CBZ won an award at the institutional level with a cash prize of Rs. 5000/- for the same event.
- Nirmani of final year Biotechnology presented and published two papers on “Detection of Dog Meat Adulteration in Mutton” and “Detection of other meat Adulteration in Chicken” in Sri Lanka Association
- Students of Biotechnology won the overall championship at Christ University
- Mahalakshmi, Ramya and Rukhaiya of II B.Sc PMC won prizes at Christ University in Mathematics.
- Amina, Niharika and Upeka of III year Genetics presented papers on “Inhibition of HIV I Protease” and “Inhibition of HIV I Virus Reverse Transcriptase” at Bangalore University.
- Samantha and Shimrah of III year Genetics presented a paper on “Comparative Analysis of Darunavir and Aagastonal” at the National level.
- Students of Electronics won prizes in poster making and dumb charades at Christ University
- Ms. Geetha Suthar of III B.Com B secured the 3rd Rank in the Hindi Ratna Exam.
- ‘Back Space’, a short film made by the III year CEP students won an award out of 30 short films which were judged, at the All India level, at ‘Jyoti Filmato’, National Film Festival.

- Students of French won prizes in creative writing, Pictionary, quiz and crossword at inter-collegiate French competitions at Mount Carmel College, St. Joseph's and Christ University.
- Students of History took part in the Humanities fest of Mount Carmel College called 'Parampara' and won prizes in the Cultural Competition called 'Melange'.
- The Softball team of the college won the Bangalore University Inter-collegiate Softball Tournament in Aug 2014.
- Four cultural teams of Jyoti Nivas College– the Indian & Western Music teams and Indian & Western dance teams have won at several inter-collegiate cultural fests at all India level.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body Governing Body

Provide the details of the action taken

- Implementation of the proposed plans as approved by the governing body

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	-	-	-	-
PG	5	-	05	-
UG	19	02	12	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	24	02	17	-

Interdisciplinary:

- Conferences/Seminars
- Guest Lecture
- Field Trips
- Publication of the interdisciplinary bi-annual research journal 'Academic Studies: National Journal of Jyoti Research Academy'

Innovative:

Department of Travel & Tourism

New collaborative research programmes (off campus):

- From 2010- 2015 the minor research projects (3rd yr BA HETT & B.Com TM) initiated in collaboration with **EQUATIONS**, Atmananda Colony, Sultanpalya, R.T.Nagar, Bangalore a voluntary organization associated with Research in the field of Tourism.
- Projects started in collaboration with **INSTITUTE OF CLINICAL RESEARCH INDIA, Indiranagar, Bangalore**, an organization associated with Research in the field of Medical Tourism. (3rd yr BA HETT & B.Com TM).

Department of Commerce and Management

- Curriculum Evaluation is done by students through the administering of a questionnaire, the responses obtained are analysed and compiled to either retain the same or revise.
- Exposure to stock market trading through “Mock Stock”

B.Voc (Banking and Finance)

- All students have to open and operate savings bank accounts with Debit cards.
- All students have to complete the application form and obtain PAN cards.
- Students have to regularly visit banks and financial institutions for their assignments.

Introduction of SAP programme and stock market programme in the curriculum

Department of English:

Introduction of new elective papers for Optional English were introduced, namely – “Asian Literature” & “Children’s Literature”.

Department of Communicative English

- Inclusion of compulsory generation, duration and compilation of portfolio to be maintained by the student
- Coverage of college events and publishing proceedings accordingly on offline and online media.

Department of History

- Making models of historical events and monuments towards practical orientation.
- Short term course on Archaeology has been introduced.
- Collaboration with national and regional institutes like Indian Council of Historical Research, Archaeological Survey of India, St. John’s Research Institute, Chitrakala Parishat, Mythic Society for the enhancement of the learning process.

Department of Economics

1. A workbook in Economics for the first year students has been introduced. The workbook aims to encourage application oriented learning of Microeconomic concepts. Collaborations with institutions that have expertise in specific field like collaboration with Bangalore Stock Exchange for the short term course in Capital Markets.
2. The department has organized seminars and workshops collaborating with organizations/ institutions including British Council, CSIM, Azim Premji University and Buoyancee. The department actively collaborates with TERI, National Entrepreneurship Network, NEN. In collaboration with NEN, the department has initiated an Entrepreneurship club to promote entrepreneurship talents among the students. The entrepreneurship cell has won three national runners-up championship trophy and two national championship trophy.

3. As a part of the entrepreneurship cell, the department has initiated the programme to make notebooks out of unanswered booklets, cloth bags, marketing of vermicompost, recycled notebooks, tennis goods and accessories etc. These are sold by the Green Store. As a part of entrepreneurship week, the E-Cell has conducted entrepreneurship awareness programmes in government schools, organised medical camps, field trips, industrial visits, seminars and conferences to motivate the students.

Department of Genetics

- Workshop on ‘Practical skills in life sciences’, was conducted for high school biology teachers of local government and corporation schools on 21st August 2014. This workshop provided hands-on experience in techniques on isolation of DNA, plant tissue culture, Drosophila culture, Dermatoglyphics, cytogenetics and electrophoresis

Department of Psychology

- Self study topics are introduced for students to do reference and on which they are tested during the evaluation.
- Innovative Projects on socially relevant topics such as Oxford Happiness Scales, Media Addiction Scales and Marital Adjustment to name a few.
- Street and role plays for awareness for the student population on Campus.

Department of Zoology

- Workshop on “Practical skill in Life Sciences” was conducted for government high school teachers on 21st August 2014. This workshop provided hands on experience in techniques like micro technique, Blood grouping, Blood Cell Counting, Setting up an aquarium and the use of smart board using the infrastructure available in the department of the college.

Student Research

Students are encouraged to have spirit of enquiry through Research guided by the faculty members. Student Research Articles are published annually in the following journals.

Departments of Botany, Zoology, biotechnology and Genetics have short term research projects related to their subjects to be valued at the practical exam.

Arts: The Researcher Volume 5.

Science: Scientia Volume 5.

Commerce: Shamshodhana Volume 5.

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	26
Trimester	-
Annual	-

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

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

**Please provide an analysis of the feedback in the Annexure*

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

Syllabus was upgraded for first and second semester

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

B. Voc Courses – 1. Banking and Finance
 2. Visual Communication and Performing Arts

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	33	05	28	-	-

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others Lecturers		Part Time Lecturers	
	R	V	R	V	R	V	R	V	R	V
	04	-	30	-	-	-	75	-	05	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

Guest	Visiting	Temporary
<input style="width: 50px;" type="text" value="-"/>	<input style="width: 50px;" type="text" value="-"/>	<input style="width: 50px;" type="text" value="30"/>

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	27	42	33
Presented papers	7	10	-
Resource Persons	1	1	2

2.6 Innovative processes adopted by the institution in Teaching and Learning:

AIMS:

To impart standard education to produce competitive and smart graduates. To inculcate high sense of discipline combined with education, to make the students as persons with right combination of academic excellence and personality. To provide opportunities for development of knowledge, soft skills and professional abilities to the faculty members and students. To provide the youth with the best opportunities and academic ambience through state of the art programs at graduate and post graduate level and to enable them to attain high levels of academic excellence as well as professional competency. The Institution's aim is to contribute high quality, socially committed professionals and to empower the students to succeed in the challenging world. The institution has developed both under graduate and post graduate students of eminence like Statesmen, Officials, Entrepreneurs, CEOs, Top Executives, Academicians, Movie makers and other highly successful professionals in their respective domain, who have been making a mark in their chosen fields of activity. The students have been offered expert guidance in the emerging fields.

Autonomy has given us the opportunity to introduce newer aspects in the curriculum and make it relevant to the current era and socially concerned. This is achieved through the discussion done among the faculty members in various departments which is presented at the annual board of studies meeting.

This board is comprised of university representative, industry expert, and the faculty member of the respective department. The changes and modifications suggested at the board of studies meeting is put forth by the Deans of faculty at the academic council, which is later implemented by the departments. Curriculum evaluation under autonomy is also done by students through the administering of a Questionnaire, the response obtained are analyzed and compiled to either retain the same or revise. The syllabi is revised and improvised once in four years.

Detailed note is furnished below:

DEPARTMENT OF SOCIOLOGY

- The portfolio method was an integral part of our women studies and principles of sociology papers. This method enriched the students to make mundane classes more practical. The students were graded based on their work. The students were instructed to do their own research and take active part in class discussion.
- We have introduced a practical component for the students of present second year keeping Indian societal aspects like caste, religion, language, the students were asked to practically apply interview and observation in their field studies of the topics mentioned above.
- In relation to Indian cinema the students watched documentary films and submit a critical analysis of the same.
- The department of Sociology added a new research element in the research methodology paper which will help the students improve their statistical analysis in their research work

DEPARTMENT OF HISTORY

- Keeping in mind the empowerment of women a new paper on "Women in Indian History" has been introduced as a part of the curriculum
- Annual picture exhibitions in association with ICHR is conducted to initiate the interest in the students to study the subject

- Numismatics exhibition and Tribal Crafts display is conducted in association with Tribal research institute to enhance the learning.

DEPARTMENT OF TRAVEL & TOURISM

- Setting of **Question Bank** for all the six semesters is another innovation the department has introduced, to enhance the analytical skill of students of the tourism course.
- The department organizes **field-visits, study tours, internship in different travel and tourism related organizations**, etc. every year for the students in order to enhance their investigatory capabilities.
- To continuously have a finger on the pulse of the industry, the students are asked to **maintain a file of newspaper cuttings and magazine articles** and they are asked to criticize the policies of the Government and the industry. This exercise helps them develop analytical skills.
- **Student's feedback analysis** - The department has introduced the unique method, student's feedback analysis to evaluate the demands and requirements of the students with regard to the courses offered to them. This feedback analysis report will help in the better understanding of the student's needs and their perception about the course. Besides, this study will be immensely helpful in improvising our course structure and bringing about the needed changes in the course design.

DEPARTMENT OF PSYCHOLOGY

- The syllabus was formulated keeping in mind the recent trends of Psychology.
- Autonomy gave our faculty the independence and freedom to make the contents of the syllabus and plan for various field trips to industries, rehabilitation centers and various other institutions.
- We also could conduct departmental courses for the students that gave them a firsthand experience of the theories and applications.
- Self study topics were framed by the faculty for the students to read out of the syllabus and generate thinking on newer topics.
- Guided internships was initiated for the students to go to various institutions like special school, rehabilitation center, old age home, institution for the mentally and physically challenged.
- The department also supports students to publish articles in college research journals.
- There is an ever-expanding department library that was initiated after the autonomy scheme.

DEPARTMENT OF ECONOMICS

- Workshop in Economics for students to facilitate practical applications.
- Economics Newsletter Arthashashtra to motivate to do research and write about current economic issues
- The JNC E-Cell has a note book and cloth bag project to give students an Entrepreneurship experience.

Autonomy has given us an opportunity to introduce new papers and topics that are relevant to current business and social environment. Board of Studies meeting is held annually to discuss and introduce relevant topics and to discuss new papers. In addition to the emphasis on developing quantitative skills among students through an optional paper in Quantitative techniques, the department has introduced a compulsory paper in Statistics for the second year Economics students. In keeping with the rising significance of the Banking and financial sectors, a paper on **Money Banking and Financial Markets** has been introduced. The syllabus of **Managerial Economics** has been revised with addition of new topics like capital budgeting. The department will be introducing a new paper in the coming academic year titled '**Public Finance and Policy**' to enable students to understand the crucial space of public policy.

DEPARTMENT OF ENGLISH

Since the department has a wealth of literature available to it in the English language, as well as literatures from all over India and the world available in translation in English, it takes great pains and puts in a lot of effort to make sure that at least 80% of the syllabus is changed at the time of syllabus revision. The department keeps updating itself with new literatures from new as well as traditional spaces and keeps experimenting constantly to keep itself abreast of new developments in the field of literature in order to keep growing as teachers.

DEPARTMENT OF COMMUNICATIVE ENGLISH

- Closer focus on units that allowed students to explore concepts of the respective papers
- Regularisation of practical work undertaken in relation with the curriculum
- Increasing the relativity of basic industry requirements in curriculum
- Introduction of a new paper that deals with communication in art forms

B.Voc – Visual Communicatiion And Performing Arts

- Deriving the relevance of skill based learning, running in parallel with industry standards
- Industry relevant components introduced in the syllabus
- Accommodating dedicated technical and application based papers per semester that facilitate understanding of visual communication
- Including different elements of theatre and dance that help in a meaningful comprehension of performing arts
- Submission of practical works/projects for each paper as an indicator to measure the progress of the student, imbibed within the syllabus
- Assessment of portfolios by external examiners as per course work requirement
- Field visits in tune to observe and absorb quality theatre performances deliberated during the classes; and organising interaction with the producer and actors of the performance

DEPARTMENT OF CHEMISTRY & BIOCHEMISTRY

There is a conscious effort at each BOS meeting to upgrade the syllabus by removing topics already covered at the PUC level and introducing current topics. A viva component has been introduced in the end semester practical examination. Attempts have been made to relate the practicals done in a semester to the theory of the same semester wherever possible.

DEPARTMENT OF BOTANY

- External experts from various industries, universities and other colleges are invited as guest speakers to talk on recent trends in the topics included in the syllabus
- Project work on different branches of Botany has been introduced for the Final Year students.
- Keeping the scope and importance of Botany, recent and relevant topics on Ethanobotany, Bioprospecting, People's Biodiversity register and intellectual property rights are introduced.

DEPARTMENT OF ZOOLOGY

- Regular Annual BOS meeting under the guide ship of experts from Bangalore University, Christ University and HOD of other Autonomous Colleges.
- The committee explored the means of revising, reallocating and restructuring the syllabus so as to give a logical progression. Accordingly few changes were done.
- Discontinuation of dissecting animals as per UGC guidelines is adopted. The practical Syllabus was revised.
- A well equipped lab with attached state-of-the-art museum

DEPARTMENT OF GENETICS

- Introduction of new topics in view of the explosion of knowledge and discovery of new cutting edge technologies in Genetics

DEPARTMENT OF BIOTECHNOLOGY

- The syllabi for I, II and III year students are framed and constantly updated to keep in pace with the current industry – academia needs. This is being done through regular BOS meetings involving internal faculties and external experts along with Experts from Bangalore University.
- Subject related project works are being undertaken by our final year students in collaboration with external institutes/ industries/ research organizations and agencies like Azymes, Aristogene Bioscience, Indian institute of Sciences (IISc), NCBS, Narayana Nethralaya, Sangenomics, Bhat Laboratory, Biocon, etc. This is done as a part of their curriculum.
- Invited talks by the eminent industry people, doctors and academicians are organized for the students and staff at both intra and interdepartmental level.
- Students are taken on a field trips and industrial visits to have hands on experience with advancements taking place outside the class room.
- Students and staff are encouraged to take part in various intercollegiate national and International seminars and workshops.

DEPARTMENT OF PHYSICS

- Lab manuals for practicals are prepared in-house by the faculty members
- Field trips are organized for students to gain practical exposure
- Subject related experts are called to share their expertise with the students
- Experiments are included in the curriculum as per their applications to everyday life.

DEPARTMENT OF MATHEMATICS

- The curriculum is regularly updated to develop the mathematical skills of the students and focus on providing empirical knowledge having relevance to industry.
- Students learning process involves analysis modeling with differential equations and numerical methods to solve the models using software tools like Mathematica and Scilab.

- Students do their projects based on the software tools which helps them to visualize the solutions which they learn in the classroom.

DEPARTMENT OF ELECTRONICS

- Syllabus was updated according to the recent development in the field and as per the industrial requirements
- P-spice simulation, assembler and MIT scratch software are introduced in the syllabus to make the students familiarize in the field of simulation

DEPARTMENT OF COMPUTER SCIENCE

- Regular Board of Studies (BOS) meetings are conducted to perform syllabus revision. The syllabus is revised to meet the needs of the IT industry. Few subjects are replaced by relevant papers like Mobile Communication, Java Programming II (Advanced Java) and DotNet Technology.

DEPARTMENT OF COMMERCE AND MANAGEMENT

Syllabus modification is undertaken to make it more application oriented through the B.O.S. meeting represented by University & External members with an industry expert. Feedback and suggestions are taken on the curriculum from the experts (Authors, Industry experts and Examiners) Curriculum Evaluation under Autonomy is also done by students through the administering of a Questionnaire, the responses obtained are analyzed and compiled to either retain the same or revise.

DEPARTMENT OF B. VOC BANKING AND FINANCE

The curriculum preparation was in accordance with NSQF (National Skill Qualification Framework) levels. The syllabi preparation took into consideration the National Occupational Standards (NOS) with respect to Banking, Financial Services & Insurance (BFSI) sector skill council pertaining to the job roles specified. The curriculum was developed after studying around ten university syllabi relating to Banking & Finance. There were many curriculum development discussions with experts and Bankers who gave their suggestions on the curriculum to be adopted. Syllabi include technical and professional skills along with the general education component. There was division of the subjects into theory 40% and practical 60%. Every subject paper in the semester includes practical component of the syllabus to be assigned to the student to learn through practical exposure.

Inputs were given by:

1. Mrs. Valsala Vijaykumar, Principal Canara Bank Staff Training College, Basavangudi, Bangalore.
2. Mr. Kannan, Retd. Chairman & Managing Director, Vijaya Bank.
3. Mr. Vijay Raja, Chartered Accountant
4. Mr. Rao, Principal, Southern India Banks Staff Training College
5. Mr. Arunajatesan, retd. Manager, State Bank of India, Consultant Banker
6. Mr. Paramasivam, JS Institute of Banking and Training

DEPARTMENT OF LIBRARY

- Digital Library
- Institutional Membership
- Book Bank Facilities for Minority students
- Purchased New Computers

- Newsletters
- Lingua Phone facilities for foreign students
- Reading room facilities
- Photo copy services
- Internet services
- Introduced Book Deposit for students
- Subscribed New National and International Journals as per courses

2.7 Total No. of actual teaching days during this academic year 180

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

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

54	33	18
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2.10 Average percentage of attendance of students 95

2.11 Course/Programme wise distribution of pass percentage :

I Semester

Sl. No	Course	No of students appeared	No. Passed				Total passed	Percentage
			D	I	II	III		
1.	B.A	210	02	55	56	15	128	60.95
2.	B. Sc	178	14	65	33	07	119	66.85
3.	B C A	45	09	20	02	-	31	68.89
4.	B.Com	295	30	148	68	04	252	85.42
5.	BBM	59	04	34	12	-	50	84.75
6.	B.Voc (B&F)	48	03	14	17	01	35	72.92
7.	B.Voc (VP)	42	01	21	05	-	27	64.29

II Semester

Sl. No	Course	No of students appeared	No. Passed				Total passed	Percentage
			D	I	II	III		
1.	B.A	200	-	64	41	23	128	64
2.	B. Sc	174	27	72	35	07	141	81.03
3.	B C A	45	09	16	08	-	33	73.33
4.	B.Com	291	29	136	80	15	250	85.91
5.	BBM	58	03	31	13	01	48	82.76
6.	B.Voc (B&F)	48	03	19	19	01	42	87.50
7.	B.Voc (VP)	40	03	19	08	01	31	77.50

III Semester

Sl. No	Course	No of students appeared	No. Passed				Total passed	Percentage
			D	I	II	III		
1.	B.A	206	06	75	60	11	152	73.79
2.	B. Sc	218	36	122	19	-	177	81.19
3.	B C A	44	15	18	05	-	38	86.36
4.	B.Com	275	29	170	46	06	251	91.27
5.	BBM	50	19	17	02	02	41	82

IV Semester

Sl. No	Course	No of students appeared	No. Passed				Total passed	Percentage
			D	I	II	III		
1.	B.A	204	08	85	52	14	159	77.94
2.	B. Sc	215	12	130	48	02	192	89.30
3.	B C A	43	03	23	07	02	35	81.40
4.	B.Com	275	64	160	16	-	240	87.40
5.	BBM	48	04	24	10	02	40	88.33

V Semester

Sl. No	Course	No of students appeared	No. Passed				Total passed	Percentage
			D	I	II	III		
1.	B.A	194	17	62	60	09	148	76.29
2.	B. Sc	155	21	57	23	03	104	67.10
3.	B C A	47	08	21	10	-	39	82.98
4.	B.Com	286	84	163	32	02	281	98.25
5.	BBM	53	13	27	08	02	50	94.34

VI semester

Sl. No	Course	No of students appeared	No. Passed				Total passed	Percentage
			D	I	II	III		
1.	B.A	194	15	77	53	11	156	80.41
2.	B. Sc	155	20	69	40	01	130	83.87
3.	B C A	47	14	14	08	06	42	89.36
4.	B.Com	287	105	153	25	-	283	98.61
5.	BBM	53	06	24	16	04	50	94.34

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

- Through Continuous Internal Assessment
- Through Student Evaluation and Staff Evaluation

2.13 Initiatives undertaken towards faculty development **78**

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	7
UGC – Faculty Improvement Programme	31
HRD programmes	-
Orientation programmes	25
Faculty exchange programme	-
Staff training conducted by the university	10

Staff training conducted by other institutions	1
Summer / Winter schools, Workshops, etc.	4
Others	-

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	59	-	09	02
Technical Staff	03	-	-	-

Criterion – III

3. Research, Consultancy and Extension

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

In Sept 2014, the IQAC of our college conducted an International Conference on “Entrepreneurship, Innovation and Inclusiveness – A Strategic Paradigm”.

A number of departments released their Newsletters:

- Internal Quality Assurance Cell of Jyoti Nivas released ‘The IQAC Newsletter’
- Dept of Travel & Tourism – ‘Tornare’ on the theme ‘Dawn of Civilization’
- Economics Dept – ‘Arthashasthra’
- Genetics Dept – ‘Gene Express’
- Zoology Dept – ‘Genesis’
- History Dept – ‘Handicrafts and Monuments of Karnataka’ and ‘Dances of India’
- Dept of Chemistry and Biochemistry – ‘Spatika Rasayana’
- IQAC has held seminars on significant socio-economic issues
- Inter departmental colloquia
- Encouraging staff to take up major and minor research projects
- A number of our staff have presented papers at national and international conferences and seminars and also published papers in reputed national and international journals.
- The 2 issues of the 8th Volume of our bi-annual Journal - Academic Studies: National Journal of Jyoti Research Academy - were released on 22nd March, 2014 and 14th Feb 2015 respectively. The 1st issue of the 9th Volume will be released today.
- The Research and Publication Cell of Jyoti Nivas also released the 3 Student Research Journals “The Researcher”, “Scientia” and “Samshodhana” belonging to the 3 streams of Arts, Science and Commerce respectively

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		1 (Rs. 1,85,000)	UGC	To be submitted by Dr. Sophia (Dept of Biochemistry)
		1 (Rs. 6, 92, 000)	UGC	To be submitted by Dr. Nirmala Vaz (Dept of Chemistry)

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1 (Rs. 35,000)			1 Dept of Genetics
	1 (Rs. 25,000)			Dept of Botany
	1 (Rs.25, 000)			1 Dept of Biotech
	1 (Rs.34, 000)			1 Dept of Zoology
	1 (Rs.70,000)	1 (Rs. 1.3 lakhs) (Dept of Maths)		1 Dept of Commerce and Management

3.4 Details on research publications

	International	National	Others
Peer Review Journals	17	25	-
Non-Peer Review Journals	-	4	-
e-Journals	4	-	-
Conference proceedings	4	13	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2013-15	UGC	1, 85, 000	1, 22, 000
	2011-14	UGC	6, 92, 000	
Minor Projects	2014-15	UGC	70,000	70,000
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-

Students research projects <i>(other than compulsory by the University)</i>	2014-15	CPE Development Assistance	50, 000	50, 000
Any other(Specify)	-	-	-	-
Total	-	-	9,97,000	2,42,000

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from - **Not applicable**

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme
INSPIRE CE

Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	1	3	3		6
Sponsoring agencies		UGC			

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

3.13 No. of collaborations International National

Any other

Industry Institute Collaboration

Department of Chemistry & Biochemistry
Collaborations with industries: We have collaboration with different industries to give hands on training to our M. Sc. students for projects/ internship as a part of their final semester curriculum. A few such industries are: Anthem Bioscience Private Limited, Sigma Aldrich, Balpharma Ltd., Aurigene Discovery Technologies Limited, Apotex Pharmachem India, Syngene International Ltd., Anglo French Drugs Industries Ltd., Advinus Therapeutics Private Limited and Cipla Ltd. Industrial Tie up with Unilever Industries Private Limited, Hindustan Unilever Centre, Research Centre with Dr. Nirmala Vaz and M.Sc students.

Department of Travel Tourism

New Collaborative Research/Internship Programmes (Off Campus)

- During the December - January, minor research projects (3rd yr BA HETT & B.Com TM) started in collaboration with **INSTITUTE OF CLINICAL RESEARCH INDIA, Indiranagar, Bangalore**, an organization associated with Research in the field of Medical Tourism. Further the department aspires to associate with this esteemed institution to accomplish our objective by imparting an opportunity to our students and aspiring research scholars to avail an insight study on relevance of Medical Tourism and its linkage with clinical research in present scenario.
- During the December - January, minor research projects (3rd yr BA HETT & B.Com TM) initiated in collaboration with **EQUATIONS**, a voluntary organization associated with Research in the field of Tourism. The Department also aims to associate with prestigious volunteer Institution “**EQUATIONS**”, Bangalore which advocates on Tourism Research and study on social, cultural, economic and environmental impact of tourism on local communities. The department determines to achieve its goal to enlighten the tourism students to know about the significance of tourism research by undergo a comprehensive study on sustainability of tourism environment and its resources under the guidance of mentors and experts of the Institution .
- Internship Training in **Global Distribution Systems** for second year **BA HETT & B.Com TM** started in collaboration with **SABRE TRAVEL SOLUTIONS Pvt Ltd, Bangalore**. **SABRE GLOBAL DISTRIBUTION SYSTEM (GDS)** is used by more than 350,000 travel agents around the world with more than 400 airlines, 100,000 hotels, 25 car rental brands, 50 rail providers and 17 cruise lines. The Sabre GDS enables companies such as American Airlines, American Express, Expedia, LastMinute, JetBlue, GetThere and Travelocity to search, price, book, and ticket travel services provided by airlines, hotels, car rental companies, rail providers and tour operators.

Dept of Commerce and Management and B.Voc (B&F)

Institute Industry Collaboration

1. Ernst & Young Global Shared Services, India
2. Southern India Banks Staff Training College
3. Oriental Bank of Commerce
4. Bangalore Management Association- Institutional membership
5. Indian Institute of Management Bangalore- Institutional membership
6. Arise India Foundation- NGO
7. Mind tree Ltd
8. Chartered Institute of Management Accounting
9. Karnataka Soaps and Detergents Ltd
10. Bangalore Milk Union Ltd
11. Silicon Honda
12. Karnataka Silk Industrial Corporation(KSIC)
13. Bharat Earth Movers Ltd(BEML)
14. Central Silk Technological Research Institute
15. Toyota Kirloskar Motors Pvt Ltd
16. Groover Vineyards
17. Moog Controls (India) Pvt Ltd
18. ING Vysya
19. Hindustan Aeronautics Ltd
20. BOSCH Ltd

Short Term Courses collaboration

1. Tally - Tally Education Pvt Ltd and Greek Technologies Pvt Ltd
2. Accounting Foundation Course - Entuz Technologies Ltd
3. Part of Curriculum for 2nd year B.Voc Banking and Finance students -Stock Market Institute
4. SAP- Amitech Pvt Ltd

Dept of Genetics**Short Term Course collaboration**

Medical Lab Technology in collaboration with LEADS Clinical Research and Bioservices Pvt. Ltd

Dept of Psychology**Short-term course collaboration**

A short term certificate course on ‘**Communication Disorders and Sign Language**’ was conducted by the Department of Psychology, Jyoti Nivas College Autonomous, in collaboration with Dr S.R Chandrashekar Institute of Speech and Hearing, Bangalore. Twenty Nine students benefited by learning Sign Language .The students also visited Dr S.R Chandrashekar Institute of Speech and Hearing, to get a firsthand experience of the treatment procedures and options to manage and treat Speech and gearing disorders.

Dept of Economics**Short-term course collaboration****Short term courses**

1. Entrepreneurship Development Programme in collaboration with Buoyancee Training Institute, Bangalore
2. Capital Markets in collaboration with Ascent Capital Market Academy, Bangalore.

Dept of Mathematics**Short-term course collaboration**

Basic Course in Mathematics - In collaboration with Data Q Apps Technologies

Dept of Zoology**Short-term course collaboration**

First Aid Training - In collaboration with St. John’s Hospital – Community Health Department
Hues and Strokes - In collaboration with Virtuoso's Palette Art School

Dept of Biotechnology**Short Term Course: Certificate Program in Clinical Research**

In collaboration with Leads Clinical Research and Bio Services Private Limited

Dept of History

1. Indian Council of Historical Research
2. Mythic Society
3. St. John’s Research Institute,
4. Rau’s IAS Study Circle,
5. Buoyancee - Short Term course

Dept of Placement

Short Term Course - Personality Development and Skills Training Program in collaboration with M F Consultancy Services

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From Funding agency	5,87,000	From Management of College	10,00,000
Total	15,87,000		

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	NIL
	Granted	NIL
International	Applied	NIL
	Granted	NIL
Commercialised	Applied	NIL
	Granted	NIL

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

Total	International	National	State	University	Dist	College
		3				

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

Guides	Students
3	4

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

Not Applicable

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level State level
National level International level

3.24 No. of Awards won in NCC: University level State level
National level International level

3.25 No. of Extension activities organized

University forum College forum
NCC NSS

Any other

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

- Blood donation camp in association with Lions Club, Bangalore
- General Health checkups in association with many hospitals in Bangalore
- Sale and exhibition of bio-products
- Recycling of waste wealth from waste
- Paper Recycling Unit
- Entrepreneurial initiatives by the E-Cell
- Workshop for government school teachers

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	9 Acres 22 Guntas 77 Sq. M (38786.60 sq.m)		Mgmt	-
Class rooms	33		Mgmt	33
Laboratories	19		Mgmt	19
Seminar Halls	04			04
No. of important equipments purchased (\geq 1-0 lakh) during the current year.		5	College/UGC	-
Value of the equipment purchased during the year (Rs. in Lakhs)	9479503	2100160	College/Mgmt/UGC	11579663
Others				

4.2 Computerization of administration and library

- Administration section is fully computerised with latest software in all aspects such as students admission, attendance, fees collection, declaration of results, marks card, maintenance of various data, documentary/reports/accounts/salary/tax remittances, various stock ledgers, on line payment of taxes etc.,
- We do have photo copier, fax, internet/intranet facilities
- Digital Library was installed

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	44732	Rs. 11,058,417	6436	Rs. 60, 9865	51,168	Rs. 11668282
Reference Books	26440	Rs. 5501041	312	Rs. 70000	26752	Rs. 5571041
e-Books	-	-	-	-	-	-
Journals and Magazines	24	Rs. 570842	222	Rs. 255950	246	Rs. 826792
e-Journals	-	-	-	-	-	-
Digital Database	Delnet Inflibnet New Gen lib	Rs. 11500 Rs. 5000 Rs. 10130	Digital Library Galileo digital learning centre	Rs. 1307036	4	Rs. 1333666
CD & Video	1095	Rs. 19500	486	Rs. 20038	1581	Rs. 39538
Others (specify)	CCTV and 3 LCD				32 cameras	1500000

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	302	7	3	1			23 computers	
Added	103	1	2	-			21 laptops	Microsoft lincense Campus version unlimited no
Total	405	8	5	1				

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

WIFI, IRIS Training

4.6 Amount spent on maintenance in lakhs :

i) ICT	17, 10, 566
ii) Campus Infrastructure and facilities	20, 34, 292
iii) Equipments	98, 46, 992
iv) Others	Internet – Rs. 9,23,538 Electricity/water – 19,53,765 Telephone – Rs. 24,133
Total:	1,64,93,286

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Mentor Ward System
- Internet Facility
- Midday meals
- Book Bank
- Student Aid Scholarship
- Remedial Coaching for weaker students
- Coaching classes for Govt services
- Counselling
- Christmas gifts are given to the needy students
- Enhancing communication skills

5.2 Efforts made by the institution for tracking the progression

Student Welfare Committee keeps track of the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2588	351		

(b) No. of students outside the state

239 (UG)

(c) No. of international students

6

Men	No	%	Women	No	%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1833	159	71	318	5	2386	10970	191	69	354	4	2588

Demand ratio

Dropout %

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

Through seminars, workshops and Short Term Courses

No. of students beneficiaries

Civil – 60
Workshop -180

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT
IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance

Resume witting, case studies, motivation role play, group discussions, communication, aptitude test, stress management, time management, career opportunity

No. of students benefitted

250 – Benefitted from career guidance
234 – Benefitted from counselling

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
151	250	180	50

5.8 Details of gender sensitization programmes

Gender studies in Sociology – talks organised by Women’s Cell on March 8th.

5.9 Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

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

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	79	5,68,345
Financial support from government	304	13,61,634
Financial support from other sources	25	
Number of students who received International/ National recognitions (ICCR)	16	16,80,000 (received on-line)

Other state students receiving the scholarship directly through NEFT – 50 (No. Of students)

5.11 Student organised / initiatives

Fairs: State/ University level National level International level
Cultural Festival

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

4 – Remedial class, AICUF, NSS, Rotract

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

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision: Communion, Excellence, Service, Relevance

Mission: To Turn Out Intellectually Enlightened, Morally Upright, Spiritually Oriented, Socially Committed and Emotionally Balanced Young Women

6.2 Does the Institution has a management Information System

- Intranet and LAN facility is made available through which we have a centralized storage server where all the departments can store and access the data
- Academic, non academic information and various activities of the college can be accessed from the centralized server

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

6.3.1 Curriculum Development

Board of studies: Revision of Syllabi to meet Industry standards

6.3.2 Teaching and Learning

Iris Software, Digital library, well equipped labs

6.3.3 Examination and Evaluation

- Bar coding of register numbers and marks
- External Paper Setters
- Review of valued papers
- Physical verification, photocopy and revaluation
- Retaining 100 +CIA 50 from 2014 batch onwards

6.3.4 Research and Development

Research has always been given utmost importance as well as the support of the management. As a result we have several of our staff members involved in various research activities either as principal investigators of UGC projects or doing their own doctoral research. In the academic year 2014-2015 the following research activities were carried out.

Dr. Nirmala Vaz of the Department of Chemistry is currently completing a UGC Major Research project titled '**Oxidation of some Pharmaceutically important organic molecules by N-haloamines: Kinetic and Mechanistic Chemistry**'.

There are also several UGC Minor Research Projects in progress in the college. **Dr. D. Sophia** of the Department of Biochemistry is the principal investigator of a minor research project titled '**Green Synthesis of Silver Nanoparticles from the leaves of *Citrus limon* and its in-vitro alpha glucosidase and alpha amylase inhibitory activities.**'

Dr. Zehra of the Department of Commerce was also awarded a minor research project from the UGC titled '**Impact of Foreign Direct Investment (FDI) on Agricultural, Rural Sector, Study coverage in North Karnataka**'

Dr. Sr. Mary Margaret Nirmala of the Department of Mathematics is the principal investigator in the project '**Investigation of Biotopological spaces, the emerging domain in the holistic perspective.**'

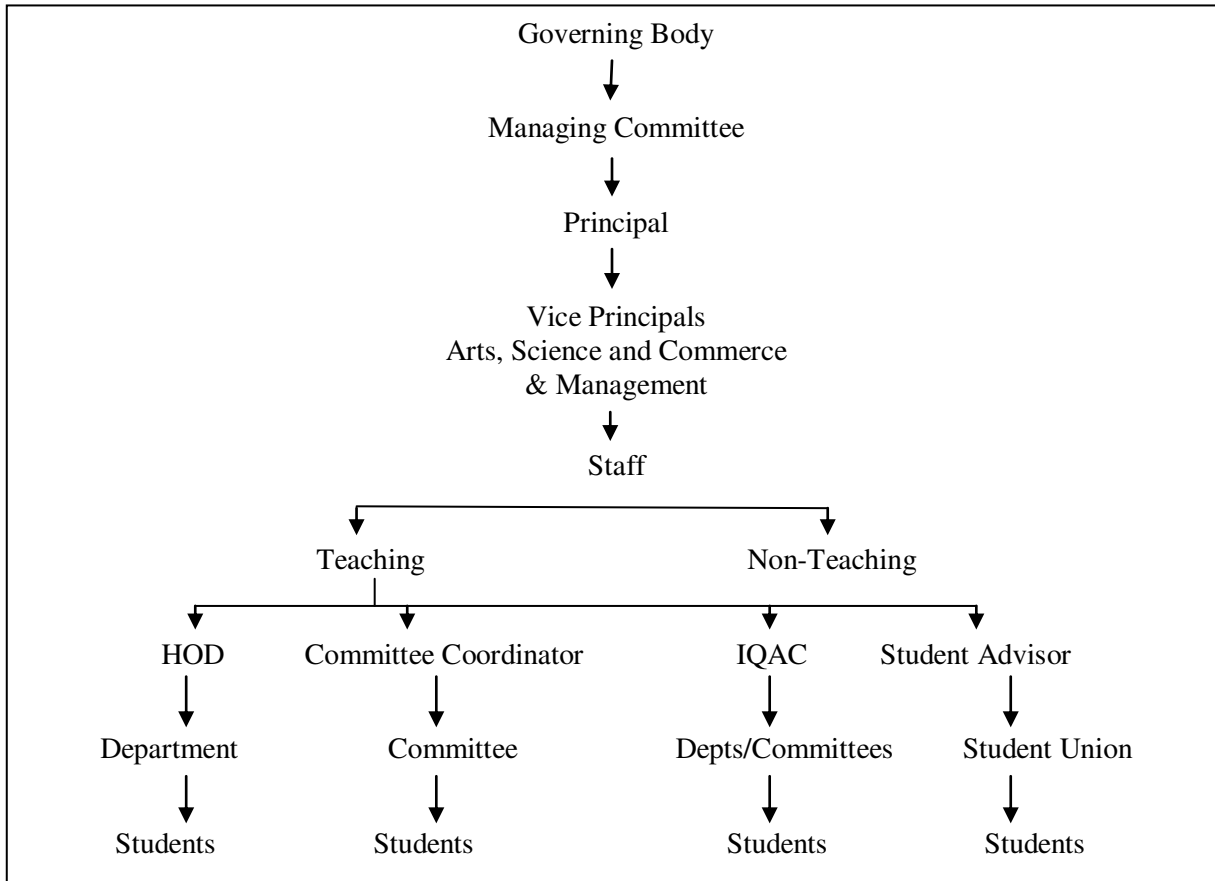
Apart from research projects several of our staff members are actively pursuing research as part of their M.Phil or Ph.D work. Mrs. Usha Joseph of the Department of Chemistry, Mrs. Leena Alexander of the Department of Zoology, Mr. V.M. Shanmugam of the Department of Biotechnology, Mrs. Rani Titus of the Department of Mathematics, Ms. Manisha Seal of the Department of Tourism and Travel Management, Mr. Mikhail Rajaram of the Department of Chemistry have registered for Ph.D. in various universities. Mrs. Arnet Maria Anthony has registered for M.Phil. Dr. Susheela B of the Department of English and Dr. D. Sophia of the department of Biochemistry have completed their Ph.D. during this year. A colloquium was arranged by the research cell where both the staff members who completed Ph.D. were given a platform to share their experiences and findings of research to all the teaching staff of the college.

Our staff members are also very active in participation in conferences and seminars at state, national and international levels held at various institutions. In the year our staff have participated in a total of 53 conferences and seminars.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Digital Software/Delnet/Inflibnet
- Radio Frequency Detector (RFID)
- Computers, CCTV cameras, scanner, photocopier, printers

6.3.6 Human Resource Management



6.3.7 Faculty and Staff recruitment (new staff recruited during 2014-15)

Teaching – 23
Non-teaching - 09

6.3.8 Industry Interaction / Collaboration

Collaboration – Deakin University
Industry Interaction
Chemistry – Anthem Biosciences, Aurigene Pvt. Ltd
Zoology – Electron Microscope Lab in Nimhans
Genetics – Dairy Centre, Attibele
Electronics – Regional Telecom Training Centre, Trivandrum
Computer Science – Microsoft, Bangalore

6.3.9 Admission of Students

Total no of students admitted to I degree classes (2014-15) - 929

6.4 Welfare schemes for

Teaching Staff:

1. The management is always accessible to teachers in case of financial difficulties or personal problems and financial help/loan is provided.
2. Overnight trips to places of academic and tourist interest is arranged to reenergize the staff.
3. Staff members organize and are also given an opportunity to be a part of the college educational trips.
4. The efforts of the teachers are appreciated and acknowledged on special occasions like teachers day and during Christmas.

Non- Teaching Staff:

1. The Management readily provides financial assistance and/or a helping hand to staff members in need.
2. Expenses towards medical care are met with for them and their family members.
3. Essential amenities like clothes and provisions are given annually.
4. An annual staff picnic is organized.
5. Class IV employees are served tea everyday and refreshments given when they work overtime or on holidays.
6. Every year the staff is given Christmas gifts.

Students:

- Every year an orientation programme is arranged for all the first year degree SC/ST/BC/BT/OBC and low income group of students to make them aware about facilities available for them in the college.
- To improve the linguistic proficiencies of the students, classes on communicative skills are conducted regularly for these students who find it difficult to converse well in the English Language.
- With the objective of making classes interesting and better understandable to students, remedial classes are held in vernacular media. Brighter students are encouraged to take these remedial classes for their counterparts thus enhancing interpersonal and communication skills among the students. This activity helps in improving academic skills of the students. Remedial classes for the failed students are conducted during the free hours and after the regular class hours.

- Computer skills are an integral part of personal skill sets a student needs to acquire before stepping out into her career. Aiming at this mission a short term course in Basic computer science and C programming is conducted for non computer science students.
- JNC Book Bank provides text books, record books and stationery to those deserving and needy students so that they are not at a disadvantage when studying their respective courses. The Book Bank also provides the photocopying needs and internet facility for such students.
- Personality development workshops and seminars are conducted on a regular basis which helps the students in grooming themselves for a brighter future. Various workshops on Multiple Intelligence and Time Management are conducted by the committee to teach the students how to recognize their multiple intelligences as well as the virtue of time management.
- Committee along with the college management has strived to provide financial aid to the economically under privileged students. In tune with this objective, many students have been helped with Scholarships, free ships, Loans and waiving of special fees and also were helped with the concession in short term course fees.
- Counselling facilities by professional counsellors are made available for the students throughout the academic year
- First aid facilities are provided in the medical room
- Every year more than 100 students are helped with mid day meals and Christmas gift.

6.5 Total corpus fund generated

80,56,000

6.6 Whether annual financial audit has been done Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	BU/UGC	Yes	IQAC
Administrative	Yes	BU/UGC	Yes	IQAC

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

For UG Programmes Yes No

For PG Programmes Yes No

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

Since 2014 there is a change in the internal assessment pattern. It is as follows:

End Semester Examination is conducted for 100 marks for a duration of 3 hours

- 30 marks – Multiple Choice Questions
- 70 marks – Written examination
- Practical Examinations – 30 marks
- CIA components carry 50 marks

Continuous Internal Assessment
All languages, Mathematics, Arts, BCA and Commerce subjects have Continuous Internal Assessment of 50 marks.

The subjects with practical's have CIA of 20 marks – The break up is as follows:

Class test	- 05	Class test	- 03
Mid Semester Examination	- 20	Mid Semester Examination	- 10
Assignments/seminar/project		Assignments/seminar/project	
Field trips etc	- 20	Field trips etc	- 05
Attendance	- 05	Attendance	- 02
Max marks	- 50	Max marks	- 20

Marks for attendance under CIA is awarded in proportion to the attendance above 75%

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

Nominees in the BOS and academic Council

6.11 Activities and support from the Alumni Association

- Annual Alumni Meet (July 2nd Saturday)
- They come as guest faculty, financial support
- Institute prizes for meritorious students

6.12 Activities and support from the Parent – Teacher Association

Mentor-Parent Meetings

6.13 Development programmes for support staff

Support staff are encouraged to pursue higher education, attend workshops/seminars/training programmes. Annual staff picnic is organized

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

- Rain water harvesting
- Paper Recycle Unit
- Solar lights
- Landscape green house,
- Waste management,
- Botany garden
- Sanjeevini (medicinal plant)
- Mushroom Cultivation
- Organic manure production.

Criterion – VII

7. Innovations and Best Practices

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

Publication of students research papers based on their research projects in the student journal Science “**Scientia**”, Arts “**The Researcher**”, Commerce and Management “**Samshodhana**”

Department of Zoology has brought out the **News letter** titled ‘GENESIS’. The newsletter creates a spark of interest among the students to bring out the marvels of the animal kingdom in a student friendly manner

More short term courses on Clinical Research and bioinformatics are being offered by the Department of Biotechnology for the benefit of both science and non-science students.

Department of Biotechnology took part in a drive to emphasise on converting waste into useful products. The students successfully constructed a poly-house using only used waste water bottles.

The syllabus along with the theory portions also include practical aspects includes, data collection and analysis, logical reasoning, paper presentation, research methodology, lectures, seminars, poster presentation, preparation of live models, research problem analysis.

Constant evaluation of staff by the students is being encouraged in the Department in order to improve the efficiency of each teacher.

The students are also asked to give their feedback on the negative and positive aspects of the syllabus framed for them.

Remedial classes for the required students are being regularly organized.

The teachers are also actively engaged in guiding the students with their project works and for facing national level competitive examinations.

Students are also encouraged to take part in various conferences, seminars, and also to publish papers.

The faculty members of the Economics department have introduced an innovative ‘**Workbook in Economics**’ for students studying in the first year BA/Bcom. The workbook has been designed to discuss theoretical concepts in Economics with practical applications so as to enhance the learning outcome of students. It has been our endeavour to help students apply quantitative and graphical methods to facilitate an understanding of the practical aspects of the study of Economics. These questions are assigned to students as part of their internal assessment.

Second year students bring out a newsletter ‘**Arthashastra**’ to explore their understanding of key economic issues.

ICT-enabled teaching-learning method has been taken up by the use of OHP, LCD, slide shows, smart board etc.

ii) Student projects have been introduced wherein the students are given an idea about research and publications.

iii) The department has been conducting a short term course on Bonsai, Organic farming, Mushroom cultivation, Kitchen and terrace gardening etc.

Updated experiments and psychological tests, i.e, standardized for the Indian population.
 Psychology exhibition
 Talks and seminars
 Use of smart board
 Use of internet to show videos related to the topics in their syllabus
 Power point Presentation by Final year students in V and VI semesters.
 Use Over Head Projector by I and II Degree students to explain specimens in the Lab
 Make Poster in flex on interesting topics
 Group Project on Topics related to Animal and Environment Studies.

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

- Evaluation of the Principal, Department and the activities of the departments. Suggestions given by the faculty were also implemented
- Supervisors have been employed to maintain the cleanliness of the campus
- Research Development work has gained momentum with the constitution of a Research Cell
- ICT
- Conferences/seminars/workshops were organized
- Staff Evaluation
- IQAC newsletter was published
- Introduction of B.Voc Courses – Banking and Finance, Visual Communication and Performing Arts
- On-going research projects

Collaboration with foreign universities:

The visit to the University di Pisa on 2nd February 2015, the oldest research and higher educational centre in Europe was a major highlight of the educational tour. The meeting with higher officials of the university aimed at establishing an academic relationship between the two esteemed educational institutions. The University has international reputation in major disciplines and has an important international research and educational network. The University of Pisa is committed to promoting and imparting quality research and teaching to international students and researchers.

In an important academic development for Jyoti Nivas as part of its **International Studies programme**, Jyoti Nivas launched an important tie-up with De Sales University, Pennsylvania. The preliminary meeting with the University representatives was held **on 27th March 2015** in the Principal's chamber. Fr. Bernard O'Connor, President, Mr. Brian Kayne, Mr. Brian Macdonald and Fr. Shaju were the members of De Sales University, Pennsylvania present at the meeting. After a formal welcome and introduction by the Principal Dr. Sr. Elizabeth and Fr. Bernard O'Connor respectively, Dr. Sr. Elizabeth presented the achievements of the college in academics, co-curricular and extra-curricular activities. The De Sales delegates were highly impressed with the many-sided achievements of the college within a short span of time. Fr. Bernard briefed everybody on the profile of De Sales University and the courses available with special reference to the under-graduate course in Performing Arts, Theatre and Television. Possibilities of a student exchange programme with our Second Year B.Voc (Visual Communication and Performing Arts) students studying in De Sales University for a year were discussed. The student exchange programme was welcomed by Fr. Bernard. All the De Sales delegates at the meeting showed great interest in having a strong association and collaboration with Jyoti Nivas College in future.

This year three of our staff were awarded their **doctorate degrees** and three were awarded their **M.Phil Degrees**. A number of our staff have **presented papers** at **national and international conferences** and **seminars** and also **published papers** in reputed **national and international journals**.

The 2 issues of the 8th Volume of our bi-annual Journal - **Academic Studies: National Journal of Jyoti Research Academy** - were released on 22nd March, 2014 and 14th Feb 2015 respectively.

The **Research and Publication Cell** of Jyoti Nivas also released the 3 **Student Research Journals** “The Researcher”, “Scientia” and “Samshodhana” belonging to the 3 streams of Arts, Science and Commerce respectively.

- From the time of Autonomy in 2005, the Dept of English has been bringing out textbooks in General English, Additional English and Optional English. This year too the dept brought out textbooks for the same for Semesters I & II.
- The Dept of Economics released a Workbook in Economics to supplement the understanding of theoretical concepts in Economics.
- Dr. Prabhavathi edited the Kannada textbook “Kannada Jyoti” for I & II Semester BA, B.Sc, B.Com, BBM students.

The final year students of the Dept of Communicative English successfully produced 4 short films.

- A Mile in Our Shoe
- Left Behind
- Eyes Wide Open
- Back Space

The 2nd year students of the Dept of Communicative English brought out 6 Lab Journals.

The Lighthouse, The Emblem, Munnariyippu (first source of news), Pravurthi, Echo and The Nouvelle (news)

A number of departments released their Newsletters:

The Internal Quality Assurance Cell of Jyoti Nivas - ‘The IQAC Newsletter’

The Dept of Travel & Tourism-‘Tornare’ on the theme ‘Dawn of Civilization’

Economics Dept - ‘Arthashasthra’

Genetics Dept - ‘Gene Express’

Zoology Dept - ‘Genesis’

History Dept -“Handicrafts and Monuments of Karnataka” and “Dances of India”

Dept of Chemistry & Bio-chemistry’s - ‘Spatika Rasayana’

In Sept 2014, the IQAC of our college conducted an **International Conference** on “Entrepreneurship, Innovation and Inclusiveness – A Strategic Paradigm”.

On 23rd Jan 2015 Jyoti Nivas held a UGC-sponsored **State-level Conference on Euthanasia** “Kill the Pain, not the Patient” in association with the Archdiocesan Communication Centre, Bangalore.

Several other departments have also held the **national and state-level seminars and conferences** this academic year.

- UGC-sponsored two-day National Conference on “Recent Trends in Medicinal Chemistry”, Dept of Chemistry and Biochemistry
- UGC-sponsored National Conference on “Food Security and the Right to Food: Ending Hunger within a Generation”, Manrita, Social Sciences Forum
- Two-day UGC-sponsored National Conference on “Role of Tribals in the Cultural History of South India, 10th-19th Century”, Dept of History

2015 will go down as another historic year in the annals of Jyoti Nivas College. Under the able guidance of Fr. Saji Mathew, Head of the Department, Visual Communication, B.Voc studies, the first-ever **National Film Festival, “Jyoti Filmato”** was organized along with B.Voc (Banking and Finance) on 26-27 Feb 2015.

Several departments conducted Workshops to enhance learning among their students:

- UGC-sponsored one-day workshop on “Practical Skills in Life Sciences”, for Biology teachers of Local Government and Corporation Schools organized by the Depts of Genetics and Zoology
- Nrityarutya, contemporary dance company for 2nd year CEP students
- Ms. Sarah, award-winning filmmaker on Issue of Acid Attacks, for CEP students
- “Managing Social Enterprises” in collaboration with Center for Social Initiative and Management and the British Council for Economics students
- PCB designing for 2nd & 3rd year Electronics students
- The Department of Commerce & Management hosted ‘mock stock’ in association with the Stock Market Institute on 20th January 2015 to enable students to learn the practical aspects of share market trading
- “Scilab – Free and Open Source Software” for final year Maths students
- Demonstration Lecture on “Project Skills in Insilco Technology” for all students of Biological Sciences by Mr. Shanmugam.
- “Tourism and Community” on the occasion of World Tourism Day, Dept of Travel and Tourism, Sept 2014
- “Transforming the Text on Screen”, Dept of English, Feb 2015
- Mr. Rakesh Sharma, a famous documentary filmmaker, on making documentaries, for Communicative English and Visual Communication and Performing Arts students.
- YellowSeed.com which is the official partner of Social Media Week, Mumbai the biggest social media event which is held in 9 countries every year teamed up with the dept of Communicative English. The students reported on and covered events for five days, from 23rd - 27th Feb
- Workshop on Make up, Mask Making and Making Headgears for I B.Voc Vis Com & Perf Arts students by professional artists
- The Depts of Physical and Life Sciences organized a seminar on the theme “Bhoomi inda Gaganake”. The Keynote Speaker was Shri H R Madhusudan, Jawaharlal Nehru Planetarium. The highlight was a workshop on Orchid Cultivation and Maintenance. (pic no 2559 Untitled folder)
- Workshop on “Mental Health Services in Indian and American Prisons” by Mr. Koshy Varghese, Texas, USA and Dr. Suresh BM, NIMHANS, Bangalore
- Workshop on “Dance Therapy” by Dominik Borucki, Barcelona, Spain for B.Voc students

Several departments organised Guest lectures by experts from the field of academia and industry to expose their students to new emerging ideas and concepts in their respective fields.

This year our college organized an International trip for all staff and students to UAE and Italy in Jan 2015.

Several other departments also organized field trips and industrial visits to give their students hands-on experience.

Several departments organised Exhibitions to showcase the creative potential of their students:

- “100 years of Charlie Chaplin”, Dept of Communicative English
- Poster exhibition on “Food Security”, Dept of Economics
- Exhibition on “MedRight – Pure and cure”, Dept of Biotechnology.
- Exhibition of models, posters and charts on “Euthanasia – Kill the pain; not the patient” by Psychology students
- Exhibition on “Tourism and Community” by Dept of Travel and Tourism on World Tourism Day

Several departments have held their annual intercollegiate fests:

- “Arbitrium 2014”, intercollegiate Commerce and Management Fest, Aug 27-28.
- “El-Shaddai 2014”, inter-collegiate Gospel Fest, Sept 2.
- “Akhyana + Soc Doc”, intercollegiate Communication Fest, Jan 16-17 in collaboration with Dept of Sociology.
- “Synergy 2015”, intercollegiate Science Fest, Feb 18.
- “Scintillation 2015”, intercollegiate Cultural Fest, Feb 20-21.
- “Sphygmus 2015”, intercollegiate Sports Fest, Feb 25-27.
- “Gran Torino 2015”, intercollegiate Tourism Fest, Feb 25.

All departments held their inter-class competitions covering a range of activities like paper presentations, quiz, pictorial, dumb charades, poster making, sketching, creative writing, essay writing.

- “Googol” – Math fest, July 2014.
- “E-Techno-Vision” – inter-class Computer Science, Physics and Electronics fest.
- “Prachin” inter-class Biotechnology activities in Sept.
- “Pulse” – the General English fest
- “Page-to-stage” – the Literary fest by the Dept of English.
- “Spatika” inter-class Chemistry and Biochemistry activities
- “Commerce Week” – inter-class Commerce fest.
- “Social Sciences week” – inter-class activities with the theme “Embracing Diversity, Enriching India”
- “Social Sciences week” – inter-class Social Sciences activities
- Inter-class competitions by the Sports departments
- “Srujana” – the inter-class Language fest
- “Khana Khazana” – inter-class food fest organized by the Hindi dept to reflect cultural diversity of Hindi-speaking people and promote Hindi speaking skills among students of Hindi.

The Dept of Travel & Tourism celebrated World Tourism Day on 1st Sept to celebrate World Tourism Day with the theme declared by UNWTO for the Year 2014 “Tourism and Community development”. The topics were: Wellness tourism (Spiritual, Traditional, and Modern Treatments), Eco- Tourism and Volunteer Tourism.

On 7th Feb, the final year Sociology students were taken on a Bangalore walk as part of their sixth semester requirement. They were led by informed guides who took them through the history, architecture, types of early settlements and rural characteristics of Bangalore. The students got a feel of older days and modern times, surviving in one space. The Dept with the support of the Centre for Action, Research and Technology for Man, Animal and Nature (CARTMAN) also organised a social function on 8th Dec, where 30 students planted saplings. The resource persons for the day were Mr. Abhay Simha and Mr. Unni Vijayan both eminent directors and editors. Documentaries were submitted from students of various colleges in Bangalore and Chennai and over 200 students participated in the film-making workshop conducted by Mr. Unni Vijayan.

The Creative Booklet is a practical component of the creative writing paper written and compiled by the second year Communicative English students. The third year students continued with the tradition of ‘Gandhi Class’, weekly film screening throughout the year followed by discussions and reviews. The wall news paper is a weekly feature put up by the first year students to update the college on current affairs and media awareness.

To encourage budding photographers, the department organized a weekly themed photo display, where selected photos were showcased.

Students of Biotechnology organized a Blood donation camp in association with Lion’s Club and were successful in collecting 125 units of blood. The students of Biotechnology also compiled a JNC blood bank Data Book which will enable easy contact with blood donors in cases of medical emergency.

The Dept of **Economics** organized the 50th annual A D Shroff memorial elocution competition in July.

The Depts of **Commerce, Management** and **B.Voc Banking and Finance** organized a presentation on Banking Services by the Chief Manager of Oriental Bank of Commerce after which students were allowed to open zero balance savings bank account and given debit cards, much before this was carried out at the National level by the Central Government.

We have a well-equipped Department of Information and Library Sciences. World-class reference books, magazines, journals, periodicals and newsletters have been procured for the library.

We have tie-ups with several institutions and organizations, both national and international, including Deakin University, Melbourne, Australia, IATA-International, Montreal, USA, Cambridge University, U.K., Oslo, Norway; Nanyang University, Singapore, Indian Institute of Science, Indian Institute of Astrophysics, Central Power Research Institute, Confederation of Indian Industries, and several leading industries and business houses in Bangalore and rest of India.

We conduct more than 40 Short Term Courses to supplement the basic degree, enhance the resume and give our students a competitive edge in the job market.

This year we started two new Short Term Courses: System Application Product (SAP) for Commerce, Management and B.Voc (Banking and Finance) students and Short Term Course in Speech Craft for SC/ST/EBC students by the Student Welfare Committee. From June 2015, we propose to introduce Spanish as a compulsory Certificate Course for B.Voc (Vis Com & Perf Arts) students and Hindi for B.Voc (Banking and Finance) students to enhance their resumes and increase their employability as knowledge of a foreign language, especially a growing popular international language like Spanish is highly essential for B.Voc (Vis Com & Perf Arts) students and knowledge of Hindi is most essential for B.Voc (Banking and Finance) students. In addition, we propose to introduce Spanish as a Short Term Course open to all students.

Value Education and Religion classes are conducted regularly to inculcate moral values and ethics in our students.

- Two Supervisors were appointed to take charge of the maintenance of college
- Women Cell functions for women empowerment
- Disaster Management workshop was organized to train students for self defence as a skill
- New notice boards were installed to highlight the achievements of the staff and students
- 40 Short Term Courses to supplement the basic degree were conducted in order to enhance the resume and give our students a competitive edge in the job market
- Conferences/seminars/workshops were organized by various departments.

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

Student's Welfare: Welfare schemes include various scholarships, book-bank, mid-day meal scheme, counseling, health care and Value Education.

Mentor Ward: Every teacher is a Mentor for a group of students. The Mentor keeps track of the academic progress and acts as Counselor when necessary.

Value Education: Values are instilled in students in the Value Education classes held weekly.

Career Guidance: Experts from various fields give talks, and aptitude tests exposing them to various career options.

Placement Cell: The Placement Officer on campus ensures that all students get opportunities to be placed in good, selective companies.

Research And Faculty Improvement Programme: The faculty are encouraged to undertake Research, attend seminars/workshops and provided with journals, leave and some financial help if needed.

Effective Class Room Teaching: Audio -Visual aids (the overhead projection, LCD etc) make teaching effective.

Orientation: Orientation workshops are held at the beginning of the academic year for students, teaching staff and administrative staff to equip them in the teaching/learning process.

Helping Hand Counseling Service: A professional counselor on Campus, provides counseling and guidance to students.

Social Services: Community reach out programmes such as providing care for rag-pickers, lepers, and slum-dwellers help students to be aware of their social responsibilities.

Clubs & Associations: The students union conducts extra-curricular and co-curricular activities. Associations and clubs for dance, drama, craft, cooking, karate etc. help in all round development of students.

Alumni Association: The Alumni Association meets annually on October 2nd and plans activities for the year. Prizes/Scholarships have been donated by the Alumni. The Alumni also organize talks and basket ball matches.

Publications of Students: These publications bring out the students' creative potential and provides experience with the print and electronic media.

Student Friendly Ambience: Students of Jyoti Nivas are made to feel comfortable and at ease on campus, through the facilities like the canteen, the bank, telephone booths etc. and the cool ambience of beautiful gardens.

Student Evaluation Of Teaching Staff: Students objectively evaluate the staff through confidential questionnaires which help teachers to improve.

Promotion Of Indian Tradition And Culture: In an increasingly westernized world, Jyoti Nivas upholds Indian tradition, culture and values by promoting Indian Dance and music, observing Ethnic Day and by celebrating Various Indian and National festivals.

Short Term Courses: Short term courses on Campus add skills to our students giving them a competitive edge.

Sports Promotion:

Participation in games & athletics at state and national level provide all-round development.

Women cell:

The women cell "Jyoti Mahila Samiti" has been established in order to protect women staff and students associated with the college from all sorts of injustice or sexual harassment of any nature directly and indirectly.

Anti ragging squad:

Members of the Discipline committee are on constant vigilance in the campus for any conduct or incident which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in a fresher or a junior student.

Dept. Zoology:

1. Use of smart board
2. Use of internet to show videos related to the topics in their syllabus
3. Power point Presentation by Final year students in V and VI semesters.
4. Use Over Head Projector by I and II Degree students to explain specimens in the Lab
5. Make Poster in flex on interesting topics
6. Group Project on Topics related to Animal and Environment Studies.
7. Field trip – NIMHANS -To get first hand information on the working principle of Electron Microscope

Department of Sociology

The portfolio method was an integral part of our women studies and principles of sociology papers. This method enriched the students to make mundane classes more practical. The students were graded based on their work. The students were instructed to do their own research and take active part in class discussion.

The students were asked to enroll themselves in a registered NGO and work for 100 hours i.e., 20 days at their own convenience, based on their experience they were asked to submit an analytical report. This was followed by a viva.

Department of Commerce and B.voc

- Dedicated, professional, sincere and competent teaching faculty with an abiding passion for teaching
- Well organized department; regular and timely assessment and submission of marks, attendance, question papers
- Commitment to accommodate different learning abilities of the students
- Student friendly and student supportive; focused on student achievement
- Organising activities – co-curricular, extracurricular, research oriented – to enable students to broaden horizons, become technology savvy, develop communication skills and acquire self confidence
- Use of smart board to promote understanding and thinking

a) Curriculum Evaluation is done by students through the administering of a questionnaire, the responses obtained are analysed and compiled to either retain the same or revise.

b) Short term courses offered by the department are as follows:

- HRM course
- Marketing boot camp
- Tally ERP version 9.0
- ICICI Banking and Finance
- SAP
- CRM
- SCM
- Training in quizzing

c) Exposure to stock market trading through “Mock Stock”

d) State of the art lab with 100 systems requisite updated software and other related facilities to provide students hands on experience to support the curriculum requirement.

Dept. Of History:

History newsletter, featuring articles on century old monuments of Bangalore, Handicrafts, Textiles, Folklore, Heritage centres, Visual Arts and issues of similar cultural and historical significance is published every year.

Making models of historical events and monuments towards practical orientation.

The short term course JEEVAN ITIHASS (Empowering Human Excellence) has been introduced.

Short term course on Archaeology has been introduced.

Collaboration with national and regional institutes like Indian Council of Historical Research, Archaeological Survey of India, St. John’s Research Institute, Chitrakala Parishat, Mythic Society for the enhancement of the learning process

Dept. of Botany:

i) Remedial classes for both weaker students and those who require extra coaching is being conducted by the department.

ii) The students are encouraged to take part in various inter-collegiate, national level and international level conferences, seminars and workshops.

Department of Economics: A workbook in Economics for the first year students has been introduced. The workbook aims to encourage application oriented learning of Microeconomic concepts.

Collaborations with institutions that have expertise in specific field like collaboration with Bangalore stock exchange for the short term course in Capital markets.

As a part of the entrepreneurship cell, the department has initiated the programme to make notebooks out of unanswered booklets, cloth bags, marketing of vermin compost, recycled notebooks, tennis goods and accessories etc. As a part of entrepreneurship week, the ECELL has conducted entrepreneurship awareness programmes in government schools, organised medical camps, field trips, industrial visits, seminars and conferences to motivate the students.

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

Sustainable Development is one of our priorities in all disciplines. Our campus is eco-friendly, where we promote green and clean environment for thousands of students who are spending 6-8 hours every day in the campus. Reduce, Reuse, recycle is promoted very actively in the college. The old answer scripts from the examination centre are sent to the college paper recycling unit. The Office and the various departments also send used papers for recycling. To reduce the use of paper we have set up an intranet facility linking various departments to the office. A kitchen garden has been functional for over 40 years, which provides fresh, green vegetables for the hostel students. Our classrooms are well ventilated with adequate natural lighting. Our college has a green lung space with extensive green cover in an increasingly commercial area of Koramangala. We have a variety of flowers, a delight to the eyes and a beautiful landscape, well maintained by our management and caretakers. The college management has actively supported the green initiatives of the various departments. The college has taken forward the green initiative by initiating rainwater harvesting. Jyoti Nivas College has willingly shared all the experiences in eco-friendly practices with other institutions.

GREEN INITIATIVES OF THE COLLEGE SOLAR PANELS

To harness the potential of renewable energy, our college has set up solar panels for water heating and in the college hostel and solar lights to light up the campus all through the night. Solar Panels in College Campus

PAPER RECYCLING:

Paper recycling was conceived to instill in students a concern for the environment in which they live. As academicians we understand that it does not serve much purpose when we stop at stating facts and figures but the need is to go beyond. Thus the recycling plant was commissioned. We do not stop at making paper. We believe that our students especially the girls can take the recycled paper further. The finished product can enable them to plunge into a number of entrepreneurial ventures. Concern for environment, entrepreneurship and empowerment of women are the milestones we aspire to reach through this project.

BENEFITS • Awareness has increased. • Students are conscious not to waste paper. They are judicious in using paper. They take effort to recycle paper and promote recycled paper. • Students have been trained by professionals to convert recycled paper into invaluable products, to name a few, Files and folders, envelopes, paper bags and books. • Workshops are conducted by trained professionals and agencies to impart and fine tune the students' skills in paper craft and to increase the market value of the products.

OUT REACH PROGRAMMES: Annual workshops are conducted in collaboration with Development Alternatives and TARA for corporates, NGO's and schools, to create awareness and give a demonstration on paper recycling. Representatives from all these sectors attend these workshops in large numbers. Some of our esteemed participants are: • The National Association for Blind • Hindustan Computers Limited. • Karnataka Police Housing Corporation Limited. • Christ University • Freedom International School. • Many others Individuals and representatives from various organizations visit the unit -both for knowhow and demonstration of paper recycling.

The main products are Files, Folders, Books, Envelopes and paper bags. College is the major consumer of the product. **SUSTAINABILITY** The project is viable and sustainable. The raw material is available in plenty. The recycling is seen as successful venture in converting the waste generated on the premises and at the same time contributing to protecting the environment and inculcating the spirit of entrepreneurship and sustainability. Credibility has been established as waste is recycled and paper is made. Over 2000 students witness the process. The management, staff and students have internalized the concept. Conservation through recycling of waste is our mission and passion. **FUTURE INITIATIVES** • To upgrade technology • To enhance the range of products • Facilitate the marketability of the products • Enhance entrepreneurial skills of the students

MEDICINAL PLANTS AND HERBS: Plants have always been considered a healthy source of life for all people. Therapeutically medical plants are very useful in healing various diseases and the advantage of these medicinal plants is in being 100% natural. In Jyoti Nivas College there is a park for medicinal plants and herbs known as Sanjivini Jyoti Ayur Vana with more than 20 varieties of medicinal plants and herbs.

7.5 Whether environmental audit was conducted? Yes No

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

This year, the prestigious Bachelor of Vocation courses were introduced. The B.Voc courses are integrated with the National Skills Qualification Framework to align higher education with skill development. This is aimed at making young graduates more employable for a growing job market through employment and entrepreneurship and thus generate more highly skilled work force. Two innovative B.voc Courses in **Banking and Finance** and **Visual Communication and Performing Arts** were offered to the students.

The B.Voc. department of Visual Communication organized the first-ever National Film Festival "Jyoti Filmato" which saw a number of films showcased on various issues.

Jyoti Nivas College has been a part of various collaborations with foreign universities. This year there was a visit organized to the University di Pisa, the oldest research and higher educational centre in Europe was organized for a team of staff and students. The meeting with higher officials of the university was aimed at establishing an academic relationship between the two educational institutions.

8. Plans of institution for next year

- Orientation programme for staff
- IQAC Newsletter
- Teachers evaluation by students
- Students Evaluation
- Internal Academic Audit
- To have a strong network with our alumni
- MOU with foreign universities
- Industry tie-ups
- Staff Appraisal
- Good practices of the departments, Quality related activities including adoption and dissemination of good practices
- Organize International, National and state conferences/seminars/workshops
- Preparation for NAAC visit for the fourth cycle of accreditation

Name: Dr. Sr. Elizabeth C S

Name: Dr. Ella Sen

Signature of the Chairperson, IQAC

Signature of the Coordinator, IQAC

