

**The Annual Quality Assurance Report (AQAR) of the IQAC**  
**ACADEMIC YEAR 2015-16**

**Part – A**

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

2015-2016

**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.

080 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:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHCOGN 18879)

**OR**

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

1.5 Website address:

Web-link of the AQAR:

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 <sup>st</sup> Cycle	5 star	-	1999	April 2004
2	2 <sup>nd</sup> Cycle	A	-	2005	May 2011
3	3 <sup>rd</sup> Cycle	A	3.76/4	2012	March 9, 2017
4	4 <sup>th</sup> Cycle	-	-	-	-

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

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 2014-15 submitted on 16-03-2015
- ii. AQAR 2013-14 submitted on 09-07-2015
- iii. AQAR 2012-13 submitted on 26-03-2014
- iv. AQAR 2011-12 submitted on 11-02-2013
- v. AQAR 2010-11 submitted on 22-07-2011

### 1.9 Institutional Status

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

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

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

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

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

### 1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

### 1.11 Name of the Affiliating University (for the Colleges)

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence  UGC-CPE

DST Star Scheme  UGC-CE

UGC-Special Assistance Programme	<input type="text" value="-"/>	DST-FIST	<input type="text" value="-"/>
UGC-Innovative PG programmes	<input type="text" value="-"/>	Any other ( <i>Specify</i> )	<input type="text" value="-"/>
UGC-COP Programmes	<input type="text" value="✓"/>		

## **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="03"/>
2.3 No. of students	<input type="text" value="-"/>
2.4 No. of Management representatives	<input type="text" value="03"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="-"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="01"/>
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="05"/>
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="-"/> Faculty <input type="text" value="5"/>
Non-Teaching Staff	<input type="text" value="-"/>
Students	<input type="text" value="-"/>
Alumni	<input type="text" value="01"/>
Others	<input type="text" value="-"/>
2.12 Has IQAC received any funding from UGC during the year?	Yes <input type="text" value="-"/> No <input type="text" value="No"/>
If yes, mention the amount	<input type="text" value="No"/>
2.13 Seminars and Conferences (only quality related)	
(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC	
Total Nos.	<input type="text" value="77"/>
International	<input type="text" value="1"/>
National	<input type="text" value="4"/>
State	<input type="text" value="-"/>
Institution Level	<input type="text" value="2"/>

(ii) Themes

- Public mental health and Neurosciences
- Recent trends in chemistry
- Indian tourism and entrepreneurship
- Digital media Influence- Empowering or overpowering
- Hypnotherapy
- Kaleidoscope
- Project Green Rescue

#### 2.14 Significant Activities and contributions made by IQAC

To **commemorate our Golden Jubilee** several programmes were organized. Apart from academic, sport, cultural and spiritual activities, the major thrust has been on social concern and outreach activities, as our mission is to reach out to the most marginalized and deprived.

In August 2015, we had a 4-day **golden jubilee inaugural celebration** to herald the Jubilee year, with the theme “**Surging Ahead with the Flame of Faith, Communion, Excellence and Service.**”

The **Golden Jubilee Commemoration function** which followed included **felicitation of our former Principals**, release of **Jubilee Memorabilia**, a **documentary** on the 50 glorious years’ history of JNC called “**Our Story**” and a **cultural extravaganza**, the highlight of which was a scintillating dance drama performance which creatively, artistically and innovatively portrayed the milestones crossed by our college.

The evening culminated with a cultural extravaganza. Keeping the ‘golden’ theme in mind, JNC staff came up with a unique concept and production of **fifty dance forms** comprising classical, semi-classical, folk and contemporary dance forms of India and abroad.

With visionary zeal, ceaseless effort, steely determination and sustained commitment, the college has made **tremendous strides in the past 50 years.**

‘Golden’ achievements of our staff and students in the Golden Jubilee year, 2015-2016:

##### **Student Achievements:**

- Jyoti Nivas College bagged the **Overall Championship** at the State-level Project Exhibition organized by Jain University for Science and Humanities students.
- Our Athletic team did us proud by winning the **Overall Championship** for the 2nd consecutive year at the 51<sup>st</sup> Bangalore University Inter-collegiate Athletic Meet, in which more than 350 colleges participated.
- Brunda, Nuzzhath and Haseena won the **first place** in the State Level Inter-Collegiate Science and Humanities Exhibition for UG students “Saviskara” held at Jain University.
- Students of I BA secured the **first place** in an inter-collegiate Psychology Quiz organized by MES College
- Pooja Arya presented a paper in Zoology ‘To compare the gut microflora of two vermicomposting species of earthworms’ at an International Symposium on Microbiome in Health. She was the only undergraduate to present a paper and was awarded the **Special Appreciation Poster Award.**
- Reya and Megha did a **minor research study** on “Calculation of Baseline Length” at the Gauribidanur Radio Observatory under the guidance of scientists from Indian Institute of AstroPhysics.

- Our Football team brought us laurels by winning the Bangalore University Inter-collegiate Football tournament.
- Supriya, Sona, Akshaya and Hitisha represented Karnataka State in the South Zone Softball Tournament and won gold medals.
- Hera represented Bangalore University and Karnataka State in Taekwondo and emerged victorious.
- ‘Noted’ the western acoustics team of JNC, secured the 1st place at Jain CMS Cultural Fest.

#### **Staff Achievements:**

- Dr. Sitavi Yathiender received the **Best Outstanding Teacher Award** presented by Karnataka State Pollution Board and Srishti International on 19 March 2015
- Lieutenant H K Roopa Rani, our NCC Officer, stood first in the order of merit at a promotional course in July 2015, and was awarded the Commandant’s Gold Medal.
- Mrs. Rani Titus was awarded the Doctorate degree in Mathematics
- Mrs. Zehra was awarded the Doctorate degree in Commerce
- Mrs. Shakila of the Dept of Physics, Dr. Nirmla Vaz of the Dept of Chemistry and Biochemistry and Mr. Vijaya Raghava Reddy of the Dept of Sports and Physical Education and Mr. Prakash, Lab Assistant, have completed **25 glorious years in service**
- Mr. N Joseph, Lab Assistant, completed **36 glorious years in service**.
- Sr. Swapna, Assistant Librarian, completed **25 years of Religious life in the family of SJT**

A **UGC-sponsored one-day Orientation Workshop** was conducted for the staff in June.

#### **Conferences and Seminars:**

- The IQAC of Jyoti Nivas conducted an International Conference on “Public Mental Health & Neuro-Sciences”.
- Chemistry and Biochemistry conducted a UGC-sponsored National Conference on “Recent Trends in Chemistry”.
- Tourism and Travel Management conducted a UGC-sponsored National Tourism Conference on “Indian Tourism and Entrepreneurship”.

The Department of Communication and Media held a National-level Media Symposium “**Mediatron 2016**” on “Digital Media Influence – Empowering or Overpowering?”. A **state-of-the-art video studio** with latest production equipment, high end computers and professional editing software as well as a highly specialized acoustic-controlled audio studio has been set up for training the students of Communication and Media.

The department of Psychology organized a UGC-sponsored National level Workshop on “**Hypnotherapy**”.

The Dept of Sociology organized an awareness-raising screening of **Documentary films** made by renowned filmmakers on “Disappearing Indigenous Cultures and the Creation of Developmental Refugees” in association with Bangalore Film Society.

The departments of Life Sciences conducted a **Project Exhibition** “Kaleidoscope” and the departments of Physical Sciences conducted “Vignana Vismaya” and many students from local schools and colleges participated in it and the exhibition was open for the public.

All our prestigious **annual inter-collegiate Conferences and fests** which draw large crowds and wonderful participation from all colleges, showcased the Golden Year of JNC, letting its light shine.

- “Arbitrium”, the Commerce and Management event on ‘Kaalatraya – Looking at the Past to Engender the Future’
- “Gran Torino”, the Tourism event on ‘Rhythm of Incredible India’
- “Biosymphony”, the Life Sciences event on “Project Green Rescue”
- “Scintillation”, the Cultural extravaganza on “Hakuna Matata – Celebrate the Primal Side”
- “Sphygmus”, Annual Sports meet

#### **Research and Publication:**

- The 9<sup>th</sup> Volume of our bi-annual Journal - **Academic Studies: National Journal of Jyoti Research Academy** - was released.
- The **Research and Publication Cell** of Jyoti Nivas also released the 3 **Student Research Journals** “The Researcher”, “Scientia” and “Samshodhana”.
- The final year students of the Dept of Communication and Media successfully produced 4 **short films**:
- ‘Life in a Closet’: Struggle to find True Self
- ‘Veiled’: A Tale of Two Sisters
- ‘Retracing Footsteps’: For every Scar, there is a Story
- ‘Silver Lining’: Silver Linings in Life

The 2<sup>nd</sup> year students of the Dept of Communication and Media brought out 6 **Lab Journals** – The Verdict, The Centrifuge, The Communique, The Reporter, Silhouette and Prevada

Several departments documented their research and activities by bringing out their **Newsletters**:

- English: ‘The Rhetorique’
- ‘The IQAC Newsletter’
- Travel & Tourism: ‘Tornare’
- Biotechnology: ‘Biosync’
- Economics: ‘Arthashashtra’, vol.no.7
- Genetics: ‘Gene Express’
- History: ‘Itihasa’ ‘Textiles in India’.
- Zoology: ‘Genesis’
- Chemistry and Biochemistry: ‘Chem Spectra’
- Computer Science: ‘Techno Buzz’

#### **Industry Institute Collaborations:**

- **Biotechnology**: IISc., Azymes, SanGenomics, Artistogene, Leads Clinical Pvt. Ltd, St. John’s Medical Institute, Narayana Nethrayala, Nimhans, Kidwai, Manipal Hospital, Apollo Hospital, Beams Hospital, Vasan Eye Care and Yakult
- **Chemistry and Biochemistry**: Anthem Bioscience, Sigma Aldrich Chemicals, Bal Pharma, Auregene Technologies.
- **Economics**: Buoyancee Training Institute and Ascent Capital Market Academy
- **Electronics**: Vasundara Automation and Engineering Services Pvt Ltd. and Live Wire
- **History**: Indian Council of Historical Research, Mythic Society, St. John’s Research Institute, Rau’s IAS Study Circle and Buoyancee.

- **Commerce and Management and B.Voc - Banking and Finance:** Ernst & Young Global Shared Services, India, Southern India Banks Staff Training College, Oriental Bank of Commerce, Bangalore Management Association, Indian Institute of Management Bangalore, Arise India Foundation- NGO, Mind tree Ltd, Chartered Institute of Management Accounting, Karnataka Soaps and Detergents Ltd, Bangalore Milk Union Ltd, Silicon Honda, Karnataka Silk Industrial Corporation(KSIC), Bharat Earth Movers Ltd(BEML), Central Silk Technological Research Institute, Toyota Kirloskar Motors Pvt Ltd, Groover, Vineyards, Moog Controls ( India) Pvt Ltd, ING Vysya, Hindustan Aeronautics Ltd, BOSCH Ltd, Tally - Tally Education Pvt Ltd and Greek Technologies Pvt Ltd, Accounting Foundation Course - Entuz Technologies Ltd, Part of Curriculum for 2nd year B.Voc Banking and Finance students -Stock Market Institute, SAP-Amitech Pvt Ltd
- **Travel and Tourism:** Institute Of Clinical Research India, Indiranagar, Bangalore, Equations, Sabre Travel Solutions Pvt Ltd, Bangalore
- **Psychology:** Dr. S R Chandrashekar Institute of Speech and Hearing and Mind Matters, Bangalore
- **Mathematics:** Data Q Apps Technologies
- **Zoology:** St. John's Hospital – Community Health Department, Virtuoso's Palette Art School
- **Communication and Media:** Karnataka Chalana Chitra Academy, Bangalore Film Society, Rangashankara, Taala Audio Studio, Alternative Law Forum, Maraa (NGO), Preetha Pereira Dance Club
- **Placement:** M F Consultancy Services

**Papers presented by Staff at national and international conferences and seminars:**

- **Dr. Sr. Elizabeth C S**, Principal: “Mental Health Through Forgiveness: Exploring the Roots and Benefits”, at UGC-Human Resource Development Centre, University of Kerala
- **Ms G. Thankamma**, Department of Physics: “Bismuth Nano Materials for Power Generation and Bio-medical Applications”, National Conference on “Nano Science - A Multi-disciplinary Approach”, Mount Carmel College, Feb 2016
- **Dr. Nirmala Vaz**, Department of Chemistry and Biochemistry: “Mechanistic Insight into the Oxidation of Atropine Sulfate Monohydrate with Aqueous Acidic Chloramine-T: Design of Kinetic Modeling”, at the 103<sup>rd</sup> Indian National Science Congress Conference, University of Mysore, Mysuru, January 2016; “Oxidative Conversion of Orange-II dye with Chloramine-T: Delineation of Reaction Mechanism and Kinetic Modeling”, International Conference, Singapore, February 2016; “Distance Education in India for Higher Education and Research”, Hyderabad, November 2015; “Vision of Distance Education in India”, International Conference, Bangalore, 2015; “Kinetics and Mechanism of Oxidation of Atropine Sulfate Monohydrate with Chloramine-T in Alkaline Medium”, National Conference, February, 2016
- **Dr. V Shantha**, Department of English: “Balachandra Nemade and the Politics of Language”, National Seminar, University of Mysore, June 2015 and “Narratives and Narratology”, International Conference, Garden City College, Feb 2016
- **Mrs. Mary D’Cruz**, Department of Electronics: “Renewable Energy Sources to Refuel and Sustain the Indian Power Sector” at a National Conference organized by Basaveshwara College of Arts, Science and Commerce, Bangalore, January 2016.
- **Mrs. Sujatha P**, Department of English: “Sustenance in Literature through Innovative, Multi-Disciplinary Approaches-A Study of Select Fiction by Toni Morrison and Jhumpa Lahiri”



- **Mr. Timothy Paul**, Department of Computer Science: “Total Quality Management in Higher Education”, National Conference, New Horizon college, Feb 2016
- **Mr. Nikhil Raj K**, Department of Tourism and Travel Management: “Technology as a Tool for Promoting and Practicing Sustainability in Tourism and Hospitality Industry”, International Seminar, Sept 2015 at St. Josephs college Autonomous, Bangalore.
- **Dr. Mary Margaret Nirmala**, Department of Mathematics: “Locally Closed Sets in Generalized Topology induced by Supra Neighbourhood System”, at a National Conference on “Ramanujan’s Contributions and Recent Trends in Mathematics”, at Madurai Kamaraj University, Madurai, December 2015
- **Ms. Sheril Sophia**, Department of Computer Science: “Understanding the Intelligence in Current Web Based Search Engines”, University of Kerala
- **Ms. Manisha**, Department of Tourism and Travel Management: “An Insight Study on Community based Tourism and its Challenges to Promote Rural Tourism: A Case Study on Anegundi, Karnataka”, National Conference, St. Claret College, Oct 2015
- **Mr. Madhu**, Department of Physics: Presented a poster at the 103<sup>rd</sup> Indian Science Congress, University of Mysore, Mysuru, January 2016
- **Mr. Abhinandhan**, Department of Commerce and Management: “Prospects and Problems of MSMEs in Indian Economy”, National Conference on Business Education in India, Sahyadri College, February 2015

Staff members have also **published papers** in reputed **national and international journals**:

- **Dr. Sr. Elizabeth**, Principal: “Religious Vocation: A Joyous Response to the God of Love”, Sanyasa, Journal of Consecrated Life, Vol X, Issue 7, 59-74, 2015
- **Dr. Sr. Elizabeth**, Principal and **Mr. Paul Raj**, Department of B.Voc - Psychology: “Mental Health Through Forgiveness: Exploring the Roots and Benefits”, International Journal of Cogent Psychology, 2016
- **Dr Geeja S. Kurian** and **Mr Shanmugam V. M**, Department of Biotechnology: “Virtual Screening of Drugs against HIV – 1 Protease”, *Mapna J. Sci.*, 13 (4), ISSN 0975-3303, 2015
- **Dr. Geeja S. Kurian**, Department of Biotechnology:
  - “Value Addition in *Coleus forskholii* Briq by Organic Farming in Emerging Trends in Value Addition to Plants and Plant Products”, sponsored by UGC, Astha Publishers and Distributors, New Delhi, 40-45, ISSN : 978 – 93- 82126 -97 -3, 2015.
  - “Antioxidant activity of *Embllica officinalis* Gaertn. Fruit and leaf extracts” in *Scientia* Vol. 5, 163-179, 2015.
- **Dr. Ramaa Raju**, Department of Psychology: “Enhancing Emotional Literacy among Children with Attention Deficit Hyperactivity Disorder (ADHD) through Cognitive Behaviour Therapy”, *Journal of Contemporary Psychological Research*, ISSN 2349-5642, Volume 2, Issue 1, April, 2015.
- **Ms. G. Thankamma**, Department of Physics:
  - “Studies on Sulfur Doping and Figure of Merit in Vapor Grown Sb<sub>2</sub>Te<sub>3</sub> Platelet Crystals”, *Journal of Crystal Growth* 415, 65-71, 2015
  - “<sup>60</sup>Co Gamma Irradiation and Annealing Effects on Transport Properties of Antimony Telluride Platelets grown by Physical Vapor Deposition”, *Acta Metall. Sin.* , 28 (5), 559- 566, 2015

- **Dr. Nirmala Vaz**, Department of Chemistry and Biochemistry, et al:
  - “Oxidation of Metformin with Alkaline Chloramine-B: Delineation of Reaction Mechanism and Kinetic Modeling” Indian Journal of Chemistry, 54A, 484-488, 2015
  - “Mechanistic and Catalytic Behavior of Os(VIII) for the Chlorpheniramine Maleate and Bromamine-B Redox System: A Kinetics Based Approach”, Journal of Catalyst & Catalysis, 2(1), 2349-4344, 2015
  - “Kinetic and Mechanistic Studies on the Oxidative Decolorization of Orange-II Dye with Alkaline Chloramine-T”, Journal of Chemical Research, 39, 363-367, 2015
  - “The Oxidative Conversion of Anilines to Azobenzenes with Alkaline Chloramine-T: Kinetic, Mechanistic and Structure Reactivity Analysis”, The Korean Journal of Chemical Engineering, KJCE-D-15-00482R1, 2016
- **Dr. Shantha V**, Department of English: “The Outsider as Insider: Achebe’s A Man of the People, The Mysore Literary Review No.4, Feb 2016 and “Layered Language in AK Armah’s – The Beautiful Ones Are Not Yet Born”, Artha Journal of Social Sciences 14(2), ISSN No 0975329, Christ University
- **Dr. Rani Titus**, Department of Mathematics: “Ferro Magnetic Liquid Flow due to Gravity aligned Stretching of an Elastic Sheet”, Journal of Applied Fluid Mechanics, Iran, Vol.8, No.3, pp.591-600, October 2015
- **Dr. Zehra**, Department of Commerce and Management: “FDI in Agriculture Sector in Rural Area” Economic Challenger ISSN-0975-1351 Volume 70, No.18 Issue: Jan-Mar 2016.
- **Mr. Shanmugam V. M**, Department of Biotechnology: “Isolation and Characterization of Potent Poly – (3-hydroxybutyrate) (PHB) producing Bacteria” J. Species, 12(35), 81-86. 2015
- **Dr. Sophia**, Department of Chemistry and Biochemistry and Mrs. Divya Joseph, Department of Biotechnology: “Evaluation of in Vitro Cytotoxic Effects of Symplocos Cochinchinensis against Hela and MCF7 Cell lines”, Journal of Jyoti Research Academy, Vol 9, Issue 2, July – Dec 2015
- **Ms. Sowmya Christina**, Department of Commerce and Management: “Moving Average as a Stock Valuation Method” International Research Journal of Management Sociology and humanities, Vol 5, Issue 8, 2015, page 74
- **Mr. Abhinandhan**, Department of Commerce and Management: “A Comprehensive Study on Women Entrepreneur’s Problems Related to Finance in North-Karnataka Region”, (IJITR) International Journal of Innovative Technology And Research Volume No.4, Issue No.1, December - January 2016, 2613 – 2617.

#### 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 \*

- To organise National and International Conferences/Seminars.
- To conduct Orientation programme for the Staff.
- To strengthen Research activities
- To motivate students into the field of research through paper presentation and publication.
- To encourage students to share their expertise to the neighbouring institutions by organising programmes like exhibitions.

- Publication of academic journals and newsletters.
- To organise programmes involving alumni.
- Reforms in the examination system.
- Innovative practices in Teaching-learning process.
- Evaluation of the Staff .

2.15 Whether the AQAR was placed in statutory body      Yes       No

Management       Syndicate       Any other body

Provide the details of the action taken

The report was well received by the members of the Council

## 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	-	5	12
UG	21	-	11	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
<b>Total</b>	26	-	17	12

#### **Interdisciplinary:**

The programme organized by the departments of Science and Social Science are of the interdisciplinary nature.

#### **Innovative:**

The departments encourage students to come out with innovative ideas that can be experimented to enhance the learning process. During annual exhibition conducted by the Departments of Sciences innovative exhibits are displayed.

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

Pattern	Number of programmes
Semester	All
Trimester	-
Annual	-

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

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.

Yes, Presented in Academic Council

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

-

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	115	04	27	-	84

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
	4	-	27	-	-	-	84	-	03	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

Guest	Visiting	Temporary
<input type="text" value="-"/>	<input type="text" value="-"/>	<input type="text" value="03"/>

## 2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	13	68	00
Presented papers	07	13	01
Resource Persons	01	01	03

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

### **Department of History**

- Seminars and Symposia of National level are organised annually in topics relevant to the subject to update the students with the current developments.
- Experts from fields of History, Archaeology, Fine Arts, Numismatics, Tribal Studies and Women Studies are invited to deliver speeches.
- Exhibitions of models and projects as well as Numismatics and Tribal artefacts are conducted.
- Field Trips are conducted every year to places of Historical and Archaeological Importance.
- Intra-class Quiz Competitions are organised.
- Talk by Resource persons.
- Publication of students' Historical research papers based on their research. In Jyoti Nivas College Students journal of Arts-The Researcher.
  - The Department offers Short-Term Courses in Archaeology and Life-Skills called Jeevan-Itihaas to enhance students' knowledge and skills.
  - Remedial Teaching: Average, slow learners and students from vernacular medium are given remedial classes to equip them with the necessary inputs.

### **Department of Economics**

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

Remedial teaching for slow learners and bridge programme in elementary mathematics is organised. A basic Mathematics bridge programme is held for students opting for the paper 'Mathematical Methods in Economics'. These classes are held on Saturdays and after class hours for a fixed duration at the beginning of V semester. IV semester students are given remedial coaching for the paper in Statistics. Peer group remedial learning is encouraged for the first year students. Success rate of the students in Economics has improved consistently and is currently around 95%, with a marginal drop-out rate.

The department organises annual seminars to enhance knowledge of students on topical and relevant socio-economic themes like Youth Empowerment, Social Entrepreneurship, Medium and small scale industries, water resources, Food security and Developmental issues.

Outstanding researchers and subject experts have been invited to share their knowledge in diverse fields.

The final year students are taken on a field trip to provide awareness about the functioning of the institution /organization and to give industry exposure to students.

The 2<sup>nd</sup> year B.A students bring out a news letter 'ARTHASHASTRA' as a class project. Such an initiative takes the students beyond class room teaching and exposes them to current economic issues & concerns. It also gives them an opportunity to develop organizational skills and the ability to work in teams.

In keeping with the need to equip students with varied skills and competencies relevant to work place, a short term course in 'Capital Markets' has been introduced. It provides students an opportunity to learn about practical aspects of financial markets and prepare them for finance industry. Short term course in 'Entrepreneurship' is offered to encourage students to develop intrapreneurial and entrepreneurial skills. These short term courses are offered in collaboration with professionals (Ascent Capital market Academy and Buoyancee) in the field and aim to enhance the employability of the students. A certificate is awarded at the completion of the course.

#### **Department of Genetics**

- Publication of students Scientific research papers based on their research Projects in Jyoti Nivas College , Students Science journal "Scientia"
- Department of Genetics has brought out the News letter titled 'GENE EXPRESS' The newsletter creates a spark of interest among the students to bring out the marvels of the animal kingdom in a student friendly manner.
- BIOSYMPHONY- 2016- Departments of Life Sciences organized a Symposium on "Project green Rescue"- '*Conserve today to preserve tomorrow*' was organized by the departments to create awareness on the necessity to protect our environment.

#### **Go Green Initiatives**

- 1) The initiative focused on reduction in the consumption of energy
- 2) To make the campus plastic free
- 3) To reduce the use of paper.
- 4) It was a collaborative effort between the Pollution Control Board (Government of Karnataka), NGOs like Sahas and City Dump, Residents Association and the Institute. 15<sup>th</sup> to 18<sup>th</sup> February 2016.
- 5) Use of smart board
- 6) Use of internet to show videos related to the topics in their syllabus
- 7) Power point Presentation by Final year students in I, III, V and VI semesters.
- 8) Use Over Head Projector by I and II Degree students to explain specimens in the Lab
- 9) Charts on research projects
- 10) Journal club for the V semester
- 11) Group Project on Topics related to Animal and Environment Studies.
- 12) Field trip – NIANP - NATIONAL INSTITUTE OF ANIMAL NUTRITION AND PHYSIOLOGY

#### **Department of Mathematics**

1. Publication of students Scientific research papers based on their research Projects in Jyoti Nivas College Students Science journal "Scientia"

2. VIGNANAVISMAYA 2016- Departments of Physical Sciences organized an intercollegiate exhibition
3. Use of smart board
4. Make Poster in flex on interesting topics
5. Group Project on based on Mathematical software such as SCILAB, MAXIMA etc

Remedial teaching for slow learners is organized. Peer group remedial learning is encouraged for the first year students.

#### **Department of Physics**

1. Publication of students Scientific research papers based on their research Projects in Jyoti Nivas College Students Science journal “Scientia”
2. VIGNANAVISMAYA 2016- Departments of Physical Sciences organized an intercollegiate exhibition.
3. Frontier in research lecture series by the following scientists
  - a) Dr. Margarita Safonova from IIA.
  - b) Ret. Prof. Dr. Sivram from IIA.
4. Make Poster in flex on interesting topics
5. Participation of students in scientific research papers guided by Mr. Madhu kashyap at Indian science Congress.

Remedial teaching for slow learners is organized. Peer group remedial learning is encouraged for the first year students

#### **Department of English**

The expanding horizons of English studies and literatures in English have led to the Department introducing elective papers in literature. These elective papers are structured to familiarize students to a variety of cultures, issues and writings. The Department has borne in mind areas that have gained currency and growing interest and focus in recent years in academic circles and introduced new elective papers in Children’s Literature and Asian Literature in addition to the existing papers – American Literature and European Literature - as elective papers. The elective papers have been chosen without losing sight of the importance of areas that have traditionally been taught. The introduction of new elective papers provides an opportunity for students to specialize in an area of their choice, which can be pursued at the Master’s level.

The texts are chosen to enhance the students’ spirit of enquiry and sharpen their analytical skills and sensitize them to issues and concerns of contemporary society. At the end of three years, students would have adequate exposure to British literature and literatures in English from other parts of the world. Skills of analysis, interpretation and enquiry would be enhanced. A liberal humanistic yet critical thinking mind would be cultivated.

#### **Department of Travel and tourism**

- Board of Studies meeting is held annually for Curriculum planning and the selection of relevant contents to be introduced to new papers. In order to provide more specialization in the area of travel and tourism, two new papers were introduced.

They are as follows:

- **Semester V – Research Methods for Tourism and Hospitality Business**
- **Semester V – Geography Impact on Tourism Industry**

- **New Collaborative Research/Internship Programmes:** The Department of Travel & tourism, Jyoti Nivas College Autonomous in collaboration with Institute of Clinical Research India (ICRI), Bangalore has organized Tourism Workshop on 16<sup>th</sup> August 2015. Mr. Yashu Kumar – Research Associate, Institute of Clinical Research India delivered resource speech on “Medical Tourism and its relevance in Bangalore” to enlighten our tourism students.
- Every year, the final year students were asked to do a Dissertation project (Critical Analysis Project) based on a topic related to the tourism and travel field. Innovative and new topics have been selected and this has given the students wide scope to use analytical skills.
- Internship Training in Global Distribution Systems for second year BA HETT & B.Com TM) started in collaboration with SABRE TRAVEL SOLUTIONS Pvt Ltd, Bangalore.

**Field trips:**

- Bangalore city Tour on 4<sup>th</sup> July 2016, Saturday - Vidhan Soudha, High court, Tipu’s Summer Palace, Iscon Temple, Bull Temple, Vishweshwaraiya Museum, Lal Bagh and Cubbon Park.
- A field trip to Heritage Vineyards, Channapatna Toy Factory Ramanagara Temple and Vulture Sanctuary is organized on 12<sup>th</sup> December, 2016 Saturday.
- North India Tour - Visit To Northern India - Delhi, Chandigarh, Shimla, Kulu and Manali - 12<sup>th</sup> November, 2015 to 23<sup>rd</sup> November, 2015.

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.

- Students are encouraged and guided to publish research studies in the Student’s Research Journal

**Department of French:**

1. Multimedia learning process.
2. Role playing and scenario analysis.
3. Z to A approach.

**Department of Zoology:**

- Publication of students Scientific research papers based on their research projects in Jyoti Nivas College Students Science Journal “Scientia”
- Department of Zoology has brought out the Newsletter ‘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.
- BIOSYMPHONY- 2016- Departments of Life Sciences organized a Symposium on “Project green Rescue”- ‘*Conserve today to preserve tomorrow*’ was organized by the departments to create awareness on the necessity to protect our environment.

**Green Initiatives:**

- The initiative focused on reduction in the consumption of energy
- To make the campus plastic free and to reduce the use of paper
- It was a collaborative effort between the Pollution Control Board (Government of Karnataka), NGOs like Sahas and City Dump, Residents Association and the Institute. 15<sup>th</sup> to 18<sup>th</sup> Feb 2016.
- 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
- Field trip – NIMHANS -To get first hand information on the working principle of Electron Microscope
- 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

#### **Department of Chemistry:**

- Publication of students Scientific research papers based on their research
- Projects in Jyoti Nivas College Students Science journal “Scientia”
- 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
- Use of Charts.
- Group Project by final year students of Biochemistry

#### **Department of Kannada:**

- Interclass seminar based on the text book.
- Multimedia learning.
- Planning textual drama by the professional artists.

#### **Department of Hindi:**

- Programmes on National Integration have been organised to study the culture and the uniqueness of different states
- Dramatisation of the plays prescribed in the syllabus
- Role-play
- The art of storytelling brings out the creativity among the students
- Inviting Resource persons

## **Department of Psychology:**

### **INNOVATIVE IDEAS**

- Extending the services of the counselling helpline to the community in and around Jyoti Nivas College
- Facilitating students with more of role plays and case studies to help them apply their theory to practice.
- Visiting various institutions for field visits and encouraging students to have a first hand experience of the working of each departments in industries and rehabilitation centres.\
- The Department of Psychology presented - “Map Your Mind”, a series of intriguing and informative psychological assessments for the general public to create increased level of awareness and mental well being for the individual and society.
- The tests offered some insight into areas such as Intelligence, Personality, Learning styles, Stress and Visual acuity.
- A street play on THE NATURE AND EFFECTS OF PEER PRESSURE, was performed by the psychology students in the campus to help students to resist peer pressure. The performance attracted a large audience thereby fulfilling its objective of creating awareness

### **ACHIEVEMENTS OF STUDENTS & FACULTY**

- Nidhitha and Varsha of I BA won the II PRIZE at the intercollegiate quiz conducted by Bishop Cotton Women’s Christian College.
- Dr. Ramaa Raju is currently guiding 3 PhD scholars. The research scholars are registered with IGNOU and Annamalai University.

### **BEST PRACTICES**

- The Psychology syllabus for all the years was revised with the intention of including the current developments in the relevant fields of Psychology. Keeping students well-informed of the latest research findings.
- Along with the conventional lectures and visual teaching aids such as over-head projector, the smart board was introduced to enhance the teaching process and make it more effective.
- Regular teacher evaluation by students has provided a feedback system and an opportunity to modify and improve teaching
- Weaker students have been given more attention through special remedial teaching classes.
- Introduction of relevant short term courses has enabled us to help students learn new skills that would aid in pursuing higher studies in psychology as well as help them personally to function effectively in society.
- Every academic year, several books are added to the existing Psychology books in the Department library and College library.
- Students are encouraged and guided to publish research studies in the Student’s Research Journal with the intension to orient them to Basic Processes in Research Methodology.
- Educational field trip was arranged to Bangalore Dairy (BAMUL) and Cadabams have been organized. The trip has proved to be an enriching experience to the students and staff

- The first year psychology Students participated in a Eye Donation Awareness campaign on 17<sup>th</sup> March, 2015. The first session was conducted by visually-impaired students from the organization 'Enable India' as part of their community project. It covered the major aspects of eye donation by Dr. Ramesh Ophthalmologist with Mahayana Nethralaya, who further stressed on the need for eye donation and clarified doubts and queries of the students.

**Several guest lectures have been organized:**

- A talk on 'Psycho-oncology' by Dr. Rao, HCG, Bengaluru: An interactive awareness generating session with experts from the field of Oncology and cancer patients.
- A talk on "Substance Abuse" by Dr. Dharav Shah, a Consultant Psychiatrist of Institute of Psychological Health, Thane on 9<sup>th</sup> December, 2015. He spoke about the hazards of the intake of substance in any form.
- A talk on 'Learning Disability' by Ms. Muktha. Pandit, Special Educator at the Learning Arc was organized on 11th January, 2016. Case studies, latest research papers and group activities were organized by Ms. Pandit.

**Department of Commerce and Management and B.Voc – Banking and Finance:**

The Department of Commerce and Management conducted Commerce Week in December, with the theme 'Ativirya - Rise Above the Rest'. Ativirya means Super power in Sanskrit. The fest included events like Ice breaker, Best Manager, Marketing.

The Commerce and Management fest, Arbitrium, took place in February 2016. Students participated in fests conducted by various colleges in and outside Bangalore and won prizes for several events.

**Guest lectures, Workshops and other events organised by the department:**

- Talk on "Skills required in the Finance sector" and "Micro Finance and MFIs".
- A street play on Deceptive Advertisements.
- 'Bull Run' conducted by Stock Market Institute to enable students to learn the skills of Equity Trading.
- Visit by post graduate students of Baroda Manipal School of Banking in December 2015
- Workshop on Investment Opportunities to smarten students' investment ideas.

**Department of Communicative and Media**

The Golden Jubilee year was a defining year for the departments of Communicative English and B. Voc – Visual Communication and Performing Arts. These two individually operating departments were merged into one and renamed Department of Communication and Media. This merger allows for greater pooling together of personal and other resources and greater access to production equipment. A state-of-the-art video studio with latest production equipment, high end computers and professional editing software as well as a highly specialized acoustic-controlled audio studio has been set up for training the students of Communication and Media.

The department organized its maiden national-level media symposium, Mediatron. And it will continue to be an annual event of the department.

**Guest lectures, Workshops and other events organised by the department :**

- 4 major short films and several individual short films on a variety of topics.
- 6 Lab journals and an internal campus newsletter.
- Screening of Documentary photo stories and discussion with students.
- Screening of socially-relevant films every Monday, followed by discussion with the students.
- Publishing a Creative booklet.

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 125

2.10 Average percentage of attendance of students 85

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	238	07	56	45	19	127	53.36%
2	B.Sc	193	16	76	46	07	145	75.13%
3	B.C.A	56	-	18	12	-	30	65.22%
4	B.Com	288	14	151	70	09	244	84.72%
5	B.B.M	60	02	35	10	03	50	83.33%
6	B.Voc	48	01	26	12	-	39	81.25%
7	B.Voc (VP)	28	-	08	11	-	19	67.86%

## II Semester

Sl. No	Course	No. of students appeared	No. Passed				Total Passed	Percentage
			D	I	II	III		
1	B.A	226	11	55	58	27	151	66.81%
2	B.Sc	184	30	76	30	05	141	76.63%
3	B.C.A	45	-	14	16	02	32	71.11%
4	B.Com	287	17	146	70	12	246	85.71%
5	B.B.M	59	03	26	17	04	50	84.75%
6	B.Voc	46	02	25	10	02	39	84.78%
7	B.Voc (VP)	23	-	05	11	01	17	73.91%

## III Semester

Sl. No	Course	No. of students appeared	No. Passed				Total Passed	Percentage
			D	I	II	III		
1	B.A	187	02	71	45	07	125	66.84%
2	B.Sc	171	16	69	42	10	139	81.29%
3	B.C.A	44	11	17	03	-	31	70.45%
4	B.Com	290	32	149	56	05	243	83.79%
5	B.B.M	57	02	29	15	03	49	85.96%
6	B.Voc	46	02	21	16	-	39	84.78%
7	B.Voc (VP)	32	02	12	07	-	21	65.63%

## IV Semester

Sl No	Course	No. of students appeared	No. Passed				Total Passed	Percentage
			D	I	II	III		
1	B.A	181	02	83	53	05	144	79.56%

2	B.Sc	168	20	79	35	03	138	82.14%
3	B.C.A	43	12	17	05	-	34	79.07%
4	B.Com	288	30	157	67	05	259	89.93%
5	B.B.M	56	05	28	17	01	51	91.07%
6	B.Voc	46	02	17	15	01	35	76.09%
7	B.Voc (VP)	59	13	11	-	-	25	86.21%

### V Semester

Sl. No	Course	No. of students appeared	No. Passed				Total Passed	Percentage
			D	I	II	III		
1	B.A	199	15	83	51	13	162	81.41%
2	B.Sc	212	39	93	26	-	158	74.53%
3	B.C.A	43	04	21	09	03	37	86.05%
4	B.Com	270	114	127	17	02	260	96.30%
5	B.B.M	48	10	25	06	-	41	85.42%

### VI Semester

Sl. No	Course	No. of students appeared	No. Passed				Total Passed	Percentage
			D	I	II	III		
1	B.A	202	16	113	36	07	172	85.15%
2	B.Sc	212	50	100	30	01	181	85.38%
3	B.C.A	43	08	23	04	05	40	93.02%
4	B.Com	270	128	111	19	06	264	97.78%
5	B.B.M	48	03	33	07	-	43	89.58%

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

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	125
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
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	54	-	02	-
Technical Staff	05	-	01	-

## Criterion – III

### 3. Research, Consultancy and Extension

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

<ul style="list-style-type: none"> <li>- Encourages staff to enrol for Ph.D and M.Phil</li> <li>- Orientation programme for faculty members</li> <li>- Encourage staff to undertake Major and minor research projects</li> <li>- Encourage staff to publish research articles in peer reviewed journals</li> <li>- Encourage students to take up projects and publish their findings</li> </ul>
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3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	01	-	-
Outlay in Rs. Lakhs	-	Rs. 6.92 Lakhs	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	4	-	-
Outlay in Rs. Lakhs	-	Rs. 4.42 Lakhs	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	12	12	-
Non-Peer Review Journals	-	-	-
e-Journals	02	-	-
Conference proceedings	-	03	-

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	2012-16	UGC	Rs. 6.95 Lakhs	Rs. 4.59 Lakh
Minor Projects	2014-16	UGC	92,000	77,500
	2013-14	UGC	1.30 Lakhs	1.05 Lakhs
	2013-14	UGC	35,000	27,500
	2013-15	UGC	1.85 Lakhs	1,22,500
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	-	-	-	-
<b>Total</b>	-	-	<b>11,370,000</b>	<b>7,91,500</b>

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 (IQAC)	4	-	-	11
	Sponsoring agencies	-	UGC (Chemistry)	-	-	-

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

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From Funding agency  From Management of College

Total

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	-	-

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

<u>Guides</u>	<u>Students</u>
03	05

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

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	<input type="text" value="-"/>	State level	<input type="text" value="68"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.22 No. of students participated in NCC events:

University level	50	State level	10
National level	63	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	08	State level	02
National level	06	International level	-

3.25 No. of Extension activities organized

University forum	-	NSS	03
NCC	✓	Any other	01- Ampere Motors

College forum	AICUF:	03
	Adventure Club:	01
	Rotaract Club:	03
	E-Cell:	01
	Disaster Mgt:	02
	Total:	10

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

- “50 steps towards health and well being” – College organized workshops, camps, exhibition towards promoting well being as a part of Golden Jubilee Celebration 12th August 2015
- The college organized blood donation camp
- Eye check up, health check up for women
- Blood donor record
- Environment friendly initiative to spread awareness about electric vehicles in collaboration with Ampere Motors

## 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	Rs. 11500 Rs. 5000	Digital Library	Rs. 1307036	4	Rs. 1333666

	New Gen lib	Rs. 10130	Galileo digital learning centre			
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 license 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
<b>Total:</b>	<b>1,64,93,286</b>

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1. Multipurpose hall and New canteen under construction
2. Drinking water facility in each floor
3. Upgradation of the Gym

#### 5.2 Efforts made by the institution for tracking the progression

Tests, exams, assignments, mentor ward meetings, mentor record maintenance, mentor-parent meetings to inform about progression.

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2588	351	-	-

#### (b) No. of students outside the state

775

#### (c) No. of international students

25

Men

No	%
-	-

Women

No	%
2939	0.86

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1836	159	71	318	2	2386	1971	191	69	354	3	2588

Demand ratio - 1:1

Dropout % - 02%

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

Nil

No. of students beneficiaries

#### 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

Full time professional counsellors on campus  
Full time Placement officer on campus

No. of students benefitted

220

### 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
35	265	199	50

### 5.8 Details of gender sensitization programmes

<p>Talk- Resource person – Mr. Gee Imam Semmalar          Title: Dr. B R Ambedkar for Youth and Democracy</p> <p>Department of Sociology have a paper on gender in the final year. A Short Term Course on Human Rights and Women Rights is also conducted in association with SICHREM</p>
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### 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 in Rs.
Financial support from institution	42	84, 991
Financial support from government	371	2,122,934
Financial support from other sources	17	41, 000
Number of students who received International/ National recognitions (ICCR)	-	-

### 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

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 LAN facility and Wi-Fi connection

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

##### 6.3.1 Curriculum Development

The syllabi for I, II and III year Degree course of the department was revised and restructured keeping in mind the current developments in the relevant fields of study and pertaining to the requirements of the industry.

- Enacting of textual drama and screening of documentary movies based on the translation of “Antigoneh” drama.
- B.Voc - Banking and Finance students has 90 hours summer internship students of mathematics work on projects using mathematical software such as SCILAB, MAXIMA etc.
- Department of English conducts workshops for creative writing, arranging “Meet the Author” sessions which allow students to interact with budding writers and learn about the creative process.
- Introducing the elective “Embedded systems and Medical Electronics” in B.Sc Electronics. The department has also introduced Verilog Lab and Programming in theory and practical.
- The Department of economics introduced Public Finance (Theory and Policy) for the VI Semester students
- Introduction of practical components in 3<sup>rd</sup> and 4<sup>th</sup> Semester has been introduced by the Department of Sociology
- Department of Genetics introduced new and relevant topics into the syllabus.
- Eco-polyhouse – innovative eco-friendly technique was demonstrated by the students of Biotechnology
- The Department of Biotechnology organized Blood donation camp (a union of hearts for a noble cause) and a general health check-up camp and awareness talks were organized in association with Manipal Hospitals, Apollo Hospital, beams hospital, Vasan Eye care, yakult, OJUS. Any time medicare.

### 6.3.2 Teaching and Learning

Iris Software, Digital library, wind turbine

- Introduction of online teaching and learning for Accounting Foundation Course by B.Voc (Banking and Finance)
- Students of Travel and Tourism are exposed to various heritage sites and tourism centres relevant to their curriculum
- Activity based learning has been introduced for effective process of teaching and learning
- The creativity of the students of Electronics are tapped through Electronic Art and Craft through technical discussion of the latest advancement.
- Department of Sociology has introduced Visual Aids Analysis based on documentaries
- Remedial teaching to academically backward students has always been our focus in our campus
- Students and staff of physics presented papers in Indian Science congress.
- Use of smart classrooms
- Preparation of PPT

### 6.3.3 Examination and Evaluation

- Board of examiners meet has been introduced for every subject
- Marks card with credits for 2015 batch onwards has been introduced

### 6.3.4 Research and Development

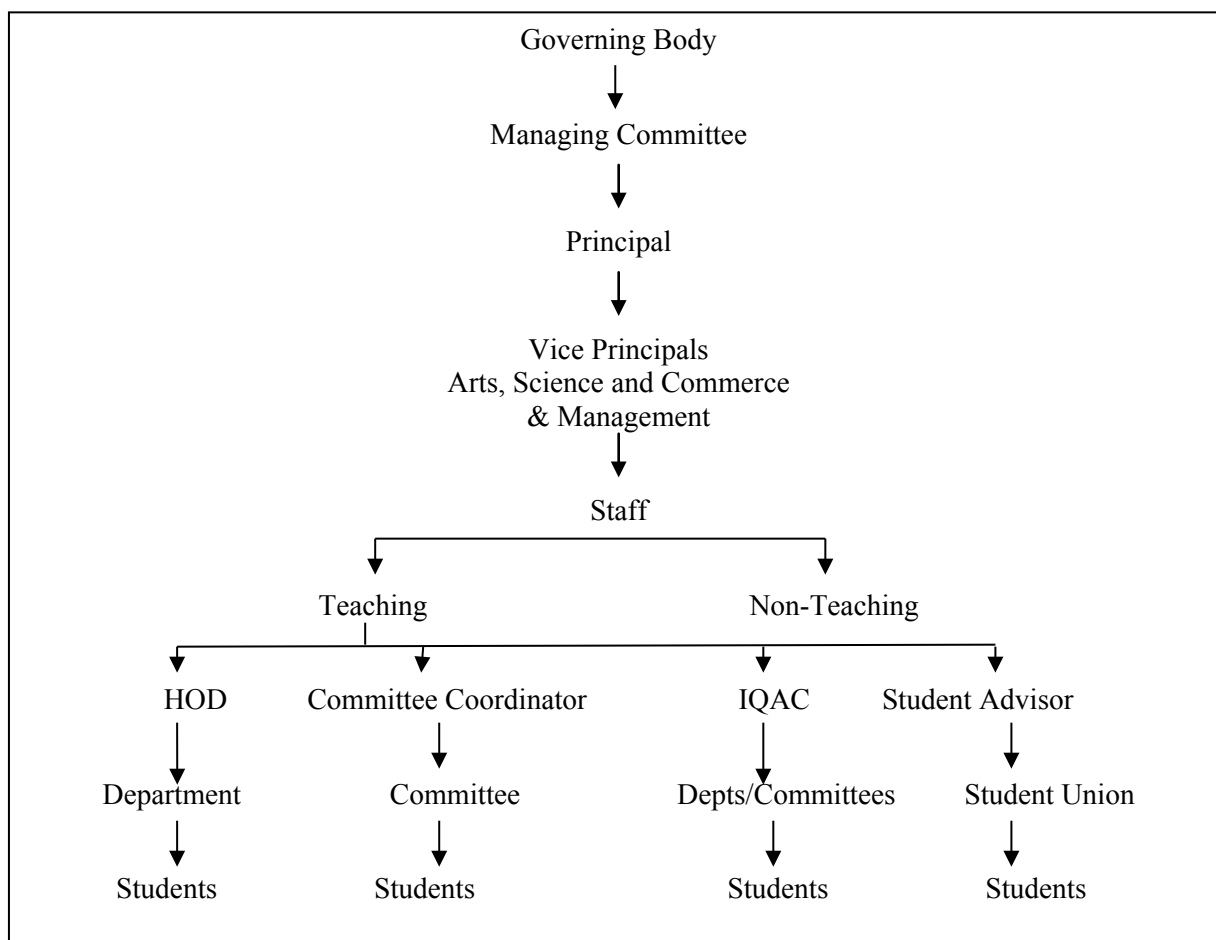
- Students are encouraged to publish their articles in the student Research Journals of Jyoti Nivas College
- Members of the Department of pursue minor research project at NAL and Astrophysics
- The staff of the Department of Psychology, Economics, Mathematics, Chemistry, Commerce and Electronics have published papers in reputed journals
- Staff of the departments of Zoology, Genetics and Mathematics were awarded Ph.D degrees. Another staff of the department of Zoology and Genetics has registered for her Ph.D in Periyar University, Tamil Nadu
- Staff from Chemistry has completed PG in Event Management from XIME, Bangalore
- Staff has presented papers in National and International Conferences, seminars and workshops
- Mr. Shanmugam has also published his research paper on “Isolation and characterization of potent poly – (3-hydroxybutyrate) (PHB) producing bacteria from various environmental samples collected from locality of Bangalore in the International Journal, species 2015, 12 (35). 81-86”
- Divya Joseph Pereira published her research article titled on “Evaluation of in vitro cytotoxic effects of *Symplocos cochinchinensis* against HeLa and MCF7 cell lines”, academic studies National journal of Jyoti Research academy July – Dec 2015, Vol 9 (2), 52-55

### 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
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### 6.3.8 Industry Interaction / Collaboration

Department of Electronics in collaboration with CSIR – NAL installed wind turbine system and solar system supporting green energy.

The NALWIN wind turbine system of capacity 900W (~12 m/s), jointly developed by CSIR – NAL its private industrial partner m/s ARES has been successfully commissioned at JNC. This has been done in conjunction with the 5 kw solar system. The purpose of this is to take up research activities in the area of renewable energy.

The Department of Commerce and Management have industry interaction with stock market institute and Entuze Technologies Solutions Pvt. Ltd.

The Department of Genetics – visit to National Institute of animal Nutrition and Physiology (NIANP), Bangalore as a part of institute-industry interaction.

Yakult Company in collaboration with the Biotechnology department organized an awareness and sampling of probiotic drink, on 11 August 2015.

An awareness talk on “Common women problem in gynaecological view was given by subject expert from OJUS hospital.

A talk on “Diabetes” was given by Dr. Himadri Singh, scientist Indigene.

An industrial visit to a Biotechnology company “Radiant biotech Pvt. Ltd” was organized for clinical research short term students on 23<sup>rd</sup> January 2016. The students visited various departments like cell biology, pharmacology, preclinical labs, photochemistry labs and were highly enlightened and motivated towards research.

#### 6.3.9 Admission of Students

Total no of students (UG) – 2588

(PG) – 351

#### 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 are 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

3,90,000

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?

- Board of examiners meet has been introduced for every subject
- Marks card with credits for 2015 batch onwards has been introduced

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

Not applicable

6.11 Activities and support from the Alumni Association

- Annual Alumni Meet (July 2<sup>nd</sup> Saturday)
- Alumni give their expertise as guest faculty,
- Provide financial support
- Institute prizes for meritorious students

6.12 Activities and support from the Parent – Teacher Association

Mentor-Parent Meetings held regularly

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

- Plastic Free campus
- Installation of wind turbine
- Waste segregation

Environment friendly initiative in collaboration with Ampere Motors Pvt. Ltd to promote awareness about electric vehicles for transportation. Also to foster entrepreneurship among students through internship.

## 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
- 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 27<sup>th</sup> March 2015** in the Principal's chamber. Fr. Bernard O'Connor, President, Mr. Brian Kayne, Mr. Brian Macdonald and Fr. Shaju the members of De Sales University, Pennsylvania were 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 8<sup>th</sup> Volume of our bi-annual Journal - **Academic Studies: National Journal of Jyoti Research Academy** - were released on 22<sup>nd</sup> March, 2014 and 14<sup>th</sup> 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 2<sup>nd</sup> 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 2015 the IQAC of our college conducted an **International Conference** on “Public Mental Health and Neurosciences”

On 23<sup>rd</sup> 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.
- “Sphymus 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.
- “Prachinth” 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 50<sup>th</sup> 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

**Dept. 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.

#### **Dept 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 instil 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.

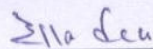
The B.Voc. department of Visual Communication organized the first-ever National Film Festival “Jyoti Filmato” which saw a number of films showcased on various issues.

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

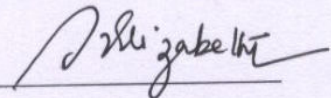
- IQAC Newsletter/Souvenir
- Teachers Evaluation by students
- Student Evaluation
- International / National seminar / Conference in Psychology / Life sciences/ Physical Sciences
- Research Articles for our Academic Research Journal – Academic Studies: National Journal of Jyoti Research Academy
- Strong network of our alumni who can contribute highly in presenting an impressive face of the institution
- MOU to be signed by the University of PISA
- Staff Appraisal
- Feedback from parents on quality related institutional processes
- Good practices of the Departments, Quality related activities including adoption and dissemination of good practices
- Workshop for parents on “Art of successful parenting/parent counselling”
- MOU with factories and industries
- Correspond with the ‘School of informatics and computing’ Indiana University – Purdue University Indianapolis for establishing an MOU and also towards organizing International Conferences and Workshops
- IQAC Newsletter vol 2 special addition for Golden Jubilee Celebrations on the theme :Surging Ahead with the Flame of Faith, Communion, Excellence and Service”
- Best practices of the department
- Preparation for NAAC visit for the fourth cycle.

Name: Dr. Ella Sen



Signature of the Coordinator, IQAC

Name: Dr. Sr. Elizabeth C S



Signature of the Chairperson, IQAC

Dr. Sr. Elizabeth C.S.  
Principal  
Jyoti Nivas College Autonomous  
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