



JSS Medical Institutions Campus, Sri Shivarathreeshwara Nagar, Mysore – 570015

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## **ANNUAL QUALITY ASSURANCE REPORT (AQAR)**

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Prepared by

**INTERNAL QUALITY ASSURANCE CELL**

*(PERIOD – July 2014-June 2015)*

Submitted to

**National Assessment & Accreditation Council**

**P. O. Box No. 1075, Nagarbhavi**

**Bangalore -560072, Karnataka**

**India**

# The Annual Quality Assurance Report (AQAR) of 2014 - 15

## Part – A

### 1. Details of the Institution

1.1 Name of the Institution

Jagadguru Sri Shivarathreeshwara  
University (JSS University)

1.2 Address Line 1

JSS Medical Institutions Campus

Address Line 2

Sri Shivarathreeshwara Nagar

City/Town

Mysore - 570015

State

Karnataka

Pin Code

570015

Institution e-mail address

registrar@jssuni.edu.in

Contact Nos.

+91-821-2548400

Name of the Head of the Institution:

Dr. B. Suresh

Tel. No. with STD Code:

+91-821-2548391

Mobile:

+919972395591

Name of the IQAC Co-ordinator:

Dr. Prashant Vishwanath

Mobile:

+919886287470

IQAC e-mail address:

iqac@jssuni.edu.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

KAUNGN 11002

1.4 NAAC Executive Committee No. & Date:

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

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

EC/64/A&A/41 dated 08-07-2013

1.5 Website address:

www.jssuni.edu.in

Web-link of the AQAR:

www.jssuni.edu.in/iqac/aqar-2014-15

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 | A     | 3.34 | 2013                  | 2018            |
| 2       | 2 <sup>nd</sup> Cycle |       |      |                       |                 |
| 3       | 3 <sup>rd</sup> Cycle |       |      |                       |                 |
| 4       | 4 <sup>th</sup> Cycle |       |      |                       |                 |

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

08/11/2013

1.8 AQAR for the year (for example 2010-11)

2014-15

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

- i. AQAR 2013-14 submitted to NAAC on 30-09-2014  
ii. AQAR \_\_\_\_\_ (DD/MM/YYYY)  
iii. AQAR \_\_\_\_\_ (DD/MM/YYYY)  
iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

1.10 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 ☒

1.11 Type of Faculty/Programme

Arts ☐ Science ☐ Commerce ☐ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ☐ Health Science ☒ Management ☐

Others (Specify)

1.12 Name of the Affiliating University (for the Colleges)

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

☒

UGC-Innovative PG programmes

Any other (*Specify*)

Centre of Excellence conferred by Vision Group of Science & Technology, Govt. of Karnataka

UGC-COP Programmes

## **2. IQAC Composition and Activities**

2.1 No. of Teachers

07

2.2 No. of Administrative/Technical staff

01

2.3 No. of students

02

2.4 No. of Management representatives

03

2.5 No. of Alumni

01

2.6 No. of any other stakeholder and community representatives

01

2.7 No. of Employers/ Industrialists

01

2.8 No. of other External Experts

02

2.9 Total No. of members

18

2.10 No. of IQAC meetings held : 02

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

2.12 Has IQAC received any funding from UGC during the year? Yes ☐ No ☒

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos.  International  National  State  Institution Level

(ii) Themes

- Workshop on Performance Based Appraisal System and Career advancement system
- University Leadership Seminars

2.14 Significant Activities and contributions made by IQAC

Since its inception the internal quality assurance cell (IQAC) of JSS University has been working on developing quality and key performance indicators for the institution and its constituent colleges. The key focus has been on feedback and shifting of feedback from manual to online system for majority of the stakeholders like alumni, parents, employees, industry, etc. through web based surveys and through the management information system of the institution. The feedback analysis is done centrally by the IQAC and report to individual institutions is provided. The reports are also placed on governing body meetings and provide inputs for resource allocation for individual institutions.

The IQAC has developed the templates for collection of monthly report formats and annual report formats to be collected from each individual department of the constituent colleges assessing each department on the 7 criterion laid down by the national assessment and accreditation council (NAAC).

The IQAC has also developed the performance based appraisal system (PBAS) and the career advancement system (CAS) for the JSS University based on the guidelines prescribed by University Grants Commission (UGC) and considering the individual needs of our University. A workshop had been conducted on the 6<sup>th</sup> of June, 2014 inviting all the heads of each department along with co-ordinators of the departments to get them oriented to the newly introduced PBAS and CAS system. Though an earlier system existed in the University, the new system has been laid down as per the guidelines of regulatory bodies.

The IQAC is regularly conducting annual department audits analyzing the strengths and weakness of the departments and providing suggestions on areas of improvement for the individual departments.

## 2.15 Plan of Action by IQAC/Outcome

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

| Plan of Action  | Achievements   |
|---|--|
| 1. Setting benchmark indices for assessment of quality indicators                             | The management information system (MIS) has been developed in house and is being tested for implementation for assessing the quality indicators. The performance based self appraisal has also been modified to take into account a 360 degree evaluation. |
| 2. Implementation of Performance Based Assessment Scheme (PBAS) for Faculty of JSS University | PBAS has been successfully designed and implemented following the UGC guidelines.  |
| 3. Academic & Administrative Audits (AAA)   | The IQAC regularly conducts AAA for all the departments and the reports are placed in the governing body meetings of the individual institutions.  |

\* The Academic Calendar of the year 2014 – 15 is attached as Annexure I.

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

Management ☒      Syndicate ☒      Any other body ☐

Provide the details of the action taken

Suitable changes were made to the AQAR following inputs from the members.

## Part – B

### Criterion – I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|------------------------|-------------------------------|--|-------------------------------------|--|
| PhD                    | 04                            | Nil  | 04                                  | 04   |
| PG                     | 68                            | 15   | 68                                  | 68   |
| UG                     | 23                            | 09   | 23                                  | 23   |
| PG Diploma             | 23                            | 07   | 23                                  | 23   |
| Advanced Diploma       | -                             | -  | -                                   | -  |
| Diploma                | 01                            | 01   | 01                                  | 01   |
| Certificate            | 04                            | -  | 04                                  | 04   |
| Others                 | 07                            | 04   | 07                                  | 07   |
| <b>Total</b>           | 130                           | 36   | 130                                 | 130  |
| Interdisciplinary      | 03                            | -  | 03                                  | 03   |
| Innovative             | 08                            | -  | 08                                  | 08   |

√      √      √

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

##### (ii) Pattern of programmes:

| Pattern   | Number of programmes |
|-----------|----------------------|
| Semester  | 15                   |
| Trimester |                      |
| Annual    | 115                  |

##### 1.3 Feedback from stakeholders\*

(On all aspects)

Alumni ☒ Parents ☒ Employers ☒ Students ☒

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

\*Analysis of the feedback provided in Annexure II



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

- Out of the total a 10% of total marks have been allotted to MCQ's in internal assessment for MBBS Course. OSPE has been introduced in practical examination.
- BSc Medical Laboratory technology syllabus has been revised
- MSc Medical Biochemistry syllabus has been revised
- Introduction of pharmacotherapeutic exercises as a part of the bed site teaching through clinical pharmacology (situated at JSS Hospital), department of Pharmacology, JSS Medical College, Mysore
- For PG (MD Pathology), MBBS, BSc allied courses
- BSc Medical imaging syllabus updated
- Revision of UG BSc Respiratory Care Technology (RCT) and PG MD in TB & Respiratory Medicine. In the syllabus of BSc RCT, the two subjects were combined into a single subject which was one of the major changes.
- Rotation of postgraduates in peripheral posting has been altered.
- Addition of few topics to the theory.
- Structured training in surgery for postgraduates with increase in number of surgeries performed by post graduates.
- Community ophthalmology work to organize and conduct eye camps.
- In Undergraduate syllabus topics in communicable and non-communicable diseases were suitably updated by adding newer treatment regimens and guidelines. Topics like NRHM, JSY, JSSK, IMNCI, NSSK, NPCDCS, COTPA 2003, Essential medicines, Girl child & gender bias, child and adolescent health issues, IPHS standards for Sub Centre, PHC, CHC, concepts of health insurance, themes of various world health days of public health importance were added.
- The B.Pharm syllabus has been revised and Credit Based Semester System is being introduced from 2015-16.
- The UG and PG programs under faculty of life sciences, JSS University, were started in the year 2013 and the 1<sup>st</sup> revision has been done in 2015

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

- ⊙ Blood bank and Transfusion Medicine was separated from pathology department and Dr. B. Vijaya, Professor of Pathology was nominated as HOD of the newly formed transfusion medicine and immunohematology department at JSS Medical College & Hospital.
- ⊙ Department of Geriatric clinic & Department for Master health check up are two more new departments established at JSS Medical College & Hospital.
- ⊙ Faculty of Life Sciences, JSS University, has been created and there has been clear demarcation of courses offered under each faculty.

The following Facilities have been added at JSS Medical College & Hospital

- Trauma unit started.
- Sexual Medicine Clinic
- Child guidance Clinic
- Vitreoretinal unit

## Criterion – II

### 2. Teaching, Learning and Evaluation

#### 2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|-------|------------------|----------------------|------------|--------|
| 483   | 202              | 103                  | 64         | 114    |

#### 2.2 No. of permanent faculty with Ph.D.

88

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

| Asst. Professors |    | Associate Professors |   | Professors |   | Others |    | Total |    |
|------------------|----|----------------------|---|------------|---|--------|----|-------|----|
| R                | V  | R                    | V | R          | V | R      | V  | R     | V  |
| 18               | 11 | 04                   | - | 02         | - | 47     | 01 | 71    | 12 |

#### 2.4 No. of Guest and Visiting faculty and Temporary faculty

46

14

02

#### 2.5 Faculty participation in conferences and symposia:

| No. of Faculty   | International level | National level | State level |
|------------------|---------------------|----------------|-------------|
| Attended         | 62                  | 400            | 255         |
| Presented papers | 24                  | 154            | 29          |
| Resource Persons | 06                  | 25             | 52          |

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

##### JSS Medical College & Hospital

- ⊙ Small group teaching, Tutorials for 1<sup>st</sup> year MBBS students
- ⊙ Horizontal integrated teaching curriculum has been introduced for the 1<sup>st</sup> year MBBS students wherein integration has been achieved at the level of systems.
- ⊙ Problem based learning in the Department of Biochemistry.
- ⊙ Introduction of MCQs for internal assessment of for UG's – MBBS
- ⊙ Implementation of Drug stations for as part of Practical curriculum of MBBS
- ⊙ Computer based animal experimentation models better understanding of pharmacology
- ⊙ Computer based PK & PD analysis through PK PD modelling
- ⊙ Introduction of OSPE & PBL for MBBS
- ⊙ Pharmacotherapeutic exercises, pharmacoeconomic problems by the department of Pharmacology, JSS Medical College in hospital campus.
- ⊙ Involvement of other departments and faculty members from other institutes for moot court being conducted by department of forensic Medicine.

- ⊙ Students are randomly assigned tasks to prepare photographic models of the topics allotted which are later mounted in the photography museum.
- ⊙ Image interpretation sessions
- ⊙ VAST (Video assisted skill transfer) FOR THE PG &UG students of Medical Courses
- ⊙ Wet labs for the PG students
- ⊙ Assisted hands on training for investigation (FA, OCT,USG) & surgeries
- ⊙ Family Health Advisory Survey to 4th Term MBBS students

#### **JSS Dental College**

- ⊙ MCQ pattern for 10% of paper introduced in internal assessment for UG's.

#### **JSS College of Pharmacy, Mysore**

- ⊙ Simulation lab is established to provide pharmacy practice experience to the students.
- ⊙ Practice school concept is being introduced to the students of third and final year B.Pharm which enable them to understand the various processes happening in the pharmaceutical industries.

#### **JSS College of Pharmacy, Ooty**

- Flipped Class Room was introduced on experimental basis to the V Pharm.D. and IV B.Pharm. Students for selected topics in each subject.

#### **Faculty of Life Sciences & Department of Water and Health**

- ⊙ Our focus is on using multimedia technology as an innovative teaching and learning strategy in a positive learning environment by giving the students multimedia based assignments and to train them in this skill set

#### **Department of Health System Management Studies**

- ⊙ On –the- Job Training with visits to various hospitals.
- ⊙ Guest lectures by experts

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

|          |
|----------|
| 231 days |
|----------|

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

The Controller of Examinations heads the examination section of the University and the examination section has brought some uniform reforms in the valuation

- ⊙ Coded Theory Papers
- ⊙ Double valuation of all theory papers
- ⊙ Valuation by 2 examiners (1 internal + 1 external) for medical and dental UG courses and valuation by 2 internal and 2 external examiners for all medical and dental PG courses.

Apart from the above mentioned uniformity, some specific changes are as follows

### JSS Medical College

- ⊙ Introduction of two theory papers in the subject of Biochemistry comprising of 100 marks each in the University examinations
- ⊙ MCQ's introduced in internal assessment of undergraduates.
- ⊙ Double valuation by two different examiners
- ⊙ Introduction of OSCE & OSPE at Internal Examinations

### JSS Dental College

- ⊙ Double valuation at university examination.
- ⊙ Skill assessment evaluation on pre-clinical and clinical procedures

### JSS College of Pharmacy

- ⊙ MCQ's for I year B.Pharm and Pharm D
- ⊙ Semester scheme and CBCS for B.Pharm and Pharm D

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

|    |    |    |
|----|----|----|
| 72 | 24 | 10 |
|----|----|----|

## 2.10 Average percentage of attendance of students

|      |
|------|
| 85 % |
|------|

## 2.11 Course/Programme wise distribution of pass percentage :

| Title of the Programme | Total no. Of students appeared | Division    |     |     |     |        |
|------------------------|--------------------------------|-------------|-----|-----|-----|--------|
|                        |                                | Distinction | I   | II  | III | Pass % |
| JSS Medical College    |                                |             |     |     |     |        |
| MBBS                   | 861                            | 31          | 187 | 315 | 112 | 78.56  |
| MD/MS/Diploma          | 141                            | -           | 23  | 110 | 08  | 83.5   |
| BSC                    | 56                             | 01          | 18  | 11  | 04  | 78     |
| JSS Dental College     |                                |             |     |     |     |        |
| UG                     | 361                            | 12          | 114 | 197 | -   | 89     |
| PG                     | 33                             | 01          | 32  |     |     | 100    |

|   |     |       |       |      |    |       |
|---|-----|-------|-------|------|----|-------|
| PG Diploma  | 05  |       |       |      |    | 100   |
| <b>JSS College of Pharmacy, Mysore</b>                |     |       |       |      |    |       |
| B.Pharm (2013-14)                                     |     |       |       |      |    |       |
| I B.Pharm   | 95  | 20    | 68.42 | -    | -  | 88.42 |
| II B.Pharm  | 81  | 26    | 64    | 1.36 | -  | 91.36 |
| III B.Pharm   | 35  | 17    | 51.4  | 5.7  | -  | 74.29 |
| IV B Pharm  | 38  | 13.0  | 71    | 5    | -  | 89.47 |
| PharmD (2013-14)                                      |     |       |       |      |    |       |
| I PharmD  | 30  | 53.3  | 36.6  | -    | -- | 90    |
| II PharmD   | 29  | 48.27 | 51.72 | -    | -  | 100   |
| III PharmD  | 30  | 46.6  | 46.6  | -    | -  | 93.33 |
| IV PharmD   | 40  | 67.5  | 30    | -    | -  | 97.50 |
| V PharmD  | 38  | 47.3  | 42.1  | 5.3  | -  | 94.74 |
| <b>JSS College of Pharmacy, Ooty</b>                  |     |       |       |      |    |       |
| I. B. Pharm.  | 100 | 12    | 52    | -    | -  | 64    |
| II. B. Pharm.   | 94  | 28    | 52    | -    | -  | 80    |
| III. B. Pharm.  | 70  | 39    | 56    | -    | -  | 96    |
| IV. B. Pharm.   | 45  | 33    | 60    | -    | -  | 93    |
| I. Pharm.D.   | 30  | 27    | 50    | -    | -  | 77    |
| II. Pharm.D.  | 29  | 55    | 45    | -    | -  | 100   |
| III. Pharm.D.   | 30  | 47    | 50    | -    | -  | 97    |
| IV. Pharm.D.  | 35  | 54    | 43    | -    | -  | 97    |
| V. Pharm.D.   | 36  | 39    | 61    | -    | -  | 100   |
| I. M. Pharm.  | 42  | 55    | 45    | -    | -  | 100   |
| II. M. Pharm.   | 23  | 96    | 4     | -    | -  | 100   |
| <b>Department of Health System Management Studies</b> |     |       |       |      |    |       |
| MBA-HA (III sem)                                      | 21  | 08    | 10    | 03   | -  | 100   |
| MBA-HA (I sem)  | 27  | 05    | 11    | 06   | -  | 81.48 |
| <b>Department of Water &amp; Health</b>               |     |       |       |      |    |       |
| UG  | 15  | -     | 35%   | 75%  | -  | 100%  |
| PG I year   | 8   | 40%   | 35%   | -    | -  | 75%   |
| PG II year  | 4   | 25%   | 75%   | -    | -  | 100%  |

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

The IQAC periodically assesses the feedback taken from the students, alumni, parents and faculty and suggests suitable changes to the academic section. Most of the feedbacks are taken online through SurveyMonkey and through the management information system (MIS) of the University. The IQAC also works closely with the Centre for Continuous and Life Long Learning for Professional Excellence (CCLPE) of the JSS University and the Medical Education Unit of the JSS Medical College in conducting faculty development programmes for the faculty of JSS University and updates them on the various teaching – learning and evaluation methods. There have also been a number of Medical education projects which have been published in Medical Education Journals. The IQAC has been periodically conducting workshops under the banner of “*University Leadership Seminars*” which are focused on themes like

interpersonal relations, communication skills, conflict management and leadership qualities for the faculty of the university.

### 2.13 Initiatives undertaken towards faculty development 04

| <i>Faculty / Staff Development Programmes</i>  | <i>Number of faculty benefitted</i>  |
|--|--------------------------------------|
| Refresher courses                              | -                                    |
| UGC – Faculty Improvement Programme            | -                                    |
| HRD programmes                                 | 70                                   |
| Orientation programmes                         | 134                                  |
| Faculty exchange programme                     | 02 (with AIMST University, Malaysia) |
| Staff training conducted by the university     | 80                                   |
| Staff training conducted by other institutions | 18                                   |
| 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 | 369                           | 103                        | 03   | 02                                     |
| Technical Staff      | 130                           | 50                         | 01   | Nil                                    |

## Criterion – III

### 3. Research, Consultancy and Extension

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

The IQAC analyzes the PBAS of each faculty and advises individual faculty on areas which can be improved upon. Many faculty have been encouraged to pursue PhD programmes and guidance for research publications is also provided. The staff are also encouraged to publish in the University journal which is an indexed peer reviewed journal.

The university also analyzes the publications from each department at the end of each academic year and departments in which research activity and publications are less are encouraged to pursue active research in collaboration with departments where research is very active.

The Director (Research) also provides inputs on various schemes launched by central government funding agencies and faculty are encouraged to submit proposals to the same. Two of the University departments have received funding under DST-FIST programmes.

A separate Director (Research) has been appointed for JSS Medical College & Hospital to overlook and promote the research activities of the constituent college. Dr. Rajesh T has joined department of Biochemistry, JSS Medical College & Hospital as a DBT-Ramalingaswami Re-entry fellow, a fellowship offered to prominent Indian scientists working abroad and willing to come back to India.

#### 3.2 Details regarding major projects

|                     | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|------------|-----------|
| Number              | 17        | 33      | 09         | 77        |
| Outlay in Rs. Lakhs | 283.16    | 817.95  | 311.56     | 2445.44   |

#### 3.3 Details regarding minor projects

|                     | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|------------|-----------|
| Number              | 30        | 15      | 10         | 11        |
| Outlay in Rs. Lakhs | 13        | 7.24    | 7.55       | 9.15      |

#### 3.4 Details on research publications

|                          | International | National | Others |
|--------------------------|---------------|----------|--------|
| Peer Review Journals     | 338           | 160      | -      |
| Non-Peer Review Journals | 65            | 41       | -      |
| e-Journals               | 03            | 01       | 01     |
| Conference proceedings   | 04            | 02       | -      |

#### 3.5 Details on Impact factor of publications:

Range 0.271 – 14.4      Average 4.71      h-index 36      Nos. in SCOPUS 205

### 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 (Lakhs) | Received (Lakhs)             |
|---|-----------------|---|--------------------------------|------------------------------|
| Major projects  | 3years/2014-15  | ICMR, DBT, DST, AICTE, UGC, DRDO, VGST  | 460.93                         | 313.91 (received in 2014-15) |
| Minor Projects  | 2 years/2013-14 | AICTE, JSSU, St. Johns Medical College  | 5.05                           | 3.85                         |
| Interdisciplinary Projects  | 3               | DBT,ICMR, DST   | 309.1*                         | 309.1*                       |
| Industry sponsored  | 02              | Colgate (I) Pvt. Ltd., Zim Pharmacueticals, University of Hyderabad, TATA Scholarship | 73.91                          | 80.70                        |
| Projects sponsored by the University/ College                           | 05              | JSS University  | 5.04                           | 5.04                         |
| Students research projects<br>(other than compulsory by the University) | 1-3 years       | CSIR, ICMR, DST, JSSU, TNPWST   | 15.49                          | 15.49                        |
| Any other(Specify)  | --              | AICTE (GPAT)  | --                             | 28.88                        |
| Total   | 2014-15         | CSIR, ICMR, DST, JSSU, TNPWST, AICTE, DBT, UGC, DRDO, AICTE, VGST, SJMC               | 560.42                         | 447.87                       |

**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

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**

67.57 lakhs

**3.11 No. of conferences organized by the Institution**

| Level               | International                                       | National  | State | University | College |
|---------------------|---|---|-------|------------|---------|
| Number              | 04  | 19  | 01    | 00         | 10      |
| Sponsoring agencies | Ministry of Ext. Affairs, DST, Govt. of India, JSSU | ICMR, CSIR, JSSU, Society for Pharmaceutical dissolution Sciences |       |            |         |

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

67

**3.13 No. of collaborations:**

International

02

National

02

Any other

00

**3.14 No. of linkages created during this year**

07

**3.15 Total budget for research for current year in lakhs :**

From Funding agency

245.31

From Management of University/College

8.85

Total

254.16

**3.16 No. of patents received this year**

| Type of Patent |         | Number |
|----------------|---------|--------|
| National       | Applied | -      |
|                | Granted | -      |
| International  | Applied | -      |
|                | Granted | -      |
| Commercialised | Applied | -      |
|                | Granted | -      |

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

| Total | International | National | State | University | Dist | College |
|-------|---------------|----------|-------|------------|------|---------|
| 31    | 06            | 09       | 07    | 07         | 00   | 02      |

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

76

157

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

20

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

JRF

01

SRF

14

Project Fellows

09

Any other

00

**3.21 No. of students Participated in NSS events:**

University level

264

State level

02

National level

02

International level

-

**3.22 No. of students participated in NCC events:**

University level

-

State level

-

National level

-

International level

-

**3.23 No. of Awards won in NSS:**

University level

-

State level

02

National level

02

International level

-

**3.24 No. of Awards won in NCC:**

University level

-

State level

-

National level

-

International level

-

**3.25 No. of Extension activities organized**

University forum

03

College forum

71

NCC

-

NSS

31

Any other

01

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

- The Individual constituent colleges have adopted villages for a duration of 3 years and are committed to provide services not only through NSS but through involvement of various organizations for the benefit and upliftment of the villagers and tribal settlements.
- The JSS Medical College & Hospital has adopted Suttur village under model health village program (MHVP) and has surveyed the entire village for all the diseases and the records are being maintained electronically. This has served as a model and many NGO's and governmental bodies have looked at this as a role model.
- Dr Somashekhar and Malati Munavalli Health and Wellness foundation sponsored health education project (SMARAN project) is being implemented through, JSS Medical College & Hospital in northern districts of Karnataka. The objective of this project is to create awareness among villagers through the following activities:
  - To conduct and organize lectures, demonstrations and clinical screening on various health related problems such as heart diseases, diabetes, cancer, blood related problem etc. by professionals and qualified experts
  - To prepare brochures and bulletins and other useful audio-visual aids on various diseases in simple language for free distribution among general public in large.
  - To create audio-visual aids for demonstration and exhibitions as often as necessary and needed to educate ordinary people.
  - The project has been initiated with a spirit of providing comprehensive health education to villagers through health camp approach. In this regard first attempt was made in December 2012 by organizing a health education and health check-up camp in a village at Belgaum district.

## 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   | JSSMC – 48628.20 sq mtrs<br>JSSDC – 17554.74 sq.mtrs<br>JSSCPM - 20097.94 sq mtrs<br>JSSCPO – 37932.76 sq mtrs | -             | -   | -     |
| Class rooms   | 30   | -             | -   | -     |
| Laboratories  | Each department of the University is equipped with laboratory  | -             |   | -     |
| Seminar Halls   | Each department of the University has its own seminar hall   | -             |   | -     |
| No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year. | 127  | 33            | DST, JSS University,UGC, VGST,AICTE                       | 160   |
| Value of the equipment purchased during the year (Rs. in Lakhs)                   | -  | 180.4 lakhs   | JSS hospital, JSS University, DST, VGST, ICMR, AICTE, UGC | -     |
| Others  | -  | -             | -   | -     |

#### 4.2 Computerization of administration and library

The University has implemented the indigenously developed software which has the following modules

1. HRMS
2. Employment Information
3. Pay roll module
4. Leave module
5. Library module
6. Student module
7. Parent Module

The Library in each of the constituent college has been equipped with easylib software and there is provision of online public access catalogue (OPAC) system. Additionally the management information system software also has a library module incorporated into it which provides access to students and faculty of the university with the availability of book titles and journals. The digitalisation of the library with bar coding system also keeps track of the available books and the person to whom it has been issued. Each library also has a digital library section allowing students to use computers for their projects, access to internet, etc.

#### 4.3 Library services:

|                  | Existing |               | Newly added |               | Total |               |
|------------------|----------|---------------|-------------|---------------|-------|---------------|
|                  | No.      | Value (Lakhs) | No.         | Value (Lakhs) | No.   | Value (Lakhs) |
| Text Books       | 15958    | 57.25         | 1314        | 15.73         | 17272 | 72.98         |
| Reference Books  | 29856    | 326.41        | 1283        | 55.44         | 31139 | 381.85        |
| e-Books          | 1752     | 1.52          | 15          | 0.5           | 1767  | 2.02          |
| Journals         | 418      | 19.65         | 166         | 30.62         | 584   | 50.27         |
| e-Journals       | 2571     | 137.98        | 942         | 17.68         | 3613  | 155.66        |
| Digital Database | 17       | 47.22         | 08          | 57.29         | 25    | 104.51        |
| CD & Video       | 2026     | 1.83          | 593         | 0.16          | 2619  | 1.99          |
| Others (specify) | 1994     | 1.08          | 12          | -             | 2006  | 1.08          |

#### 4.4 Technology up gradation (overall)

|          | Total Computers | Computer Labs | Internet  | Browsing Centres                           | Computer Centres | Office | Departments | Others |
|----------|-----------------|---------------|---|--|------------------|--------|-------------|--------|
| Existing | 525             | 35            | 1GBPS connection from BSNL connected to all systems | Wi-Fi campus. Can access internet anywhere | 04               | 77     | 265         | 77     |
| Added    | 80              | 01            |   |  | 02               | 02     | 20          | 07     |
| Total    | 605             | 36            |   |  | 06               | 79     | 285         | 84     |

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

The digital library in individual campus has been upgraded and Wi-Fi facilities are available throughout the campus for the students and faculty. There is also a smart class room facility in each constituent college of the University. The faculty and students are constantly upgraded on the available facilities through training/orientation programmes.

With the implementation of management information software (MIS) e-governance has been introduced and many governance issues are being addressed electronically. The use of Tally software across all sections has enabled easy accounting and auditing services.

Unique faculty email ID's and login system have been created and circulated for use by the faculty of the university

#### 4.6 Amount spent on maintenance in lakhs:

|  |        |
|--|--------|
| i) ICT                                   | 29.49  |
| ii) Campus Infrastructure and facilities | 206.13 |
| iii) Equipments                          | 33.36  |
| iv) Others                               | 46.34  |
| <b>Total :</b>                           | 315.32 |

## Criterion – V

### 5. Student Support and Progression

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

The IQAC is involved in all the management level meetings and provides inputs on academic, administrative, research and infrastructural needs. The IQAC also works in close co-ordination with the student councils in each college and facilitates the grievance redressal forum of students. The IQAC in the individual institutions has representatives from students who also provide inputs on various student related issues.

The IQAC also monitors the feedback taken from the students and provides recommendations to the institutions for needful action on the same.

The IQAC also works in co-ordination on prevention of sexual and gender harassment committee to address any grievance received by them. The IQAC also overlooks the anti-ragging committee activities to overcome any issues of ragging and if they are handled in the appropriate way.

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

The institutions enrol all passed out graduates and post graduates into alumni association and the students also enrol their details into the website. Student progression is tracked through the alumni updates. The implementation of the management information system has also provided username and passwords to alumni to remain in contact with their alma mater and post updates.

Institution's efforts in tracking the progression are continuous and retrospective. Institution has systematic, aggressive and 360° tracking of student's progression.

The systematic approach of Institution to track the progress of the student is as follows

- 1) Regular monitoring of peers for their regularity and learning by Batch teacher and Class teachers and through the Mentorship Programme
- 2) Monthly attendance report generating and its review.
- 3) Academic council board meeting to review the performance of student in Internal Assessment examination.
- 4) Parent report sent after every internal Assessment examination
- 5) Monthly Lecture Feed Back to understand whether the teaching-learning process is happening in the expected way and to achieve excellence in Teaching-Learning process
- 6) Annual Feedback on facilities & infrastructure, teaching and Curriculum
- 7) Result analysis – Annual

| UG   | PG  | Ph. D. | Others |
|------|-----|--------|--------|
| 2162 | 961 | 144    | 107    |

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

(b) No. of students outside the state

2131

(c) No. of international students

129

| Men | No   | %     | Women | No   | %     |
|-----|------|-------|-------|------|-------|
|     | 1374 | 44.28 |       | 1729 | 55.72 |

| Last Year |    |    |     |                       |       | This Year |    |    |     |                       |       |
|-----------|----|----|-----|-----------------------|-------|-----------|----|----|-----|-----------------------|-------|
| General   | SC | ST | OBC | Physically Challenged | Total | General   | SC | ST | OBC | Physically Challenged | Total |
| 593       | 11 | 08 | 241 | 01                    | 854   | 620       | 18 | 11 | 216 | -                     | 865   |

Demand ratio 4:1

Dropout % 01

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

The students are provided library facilities even after completion of course and allowed to use the resources of the institution. Counselling from experts is made available on request. The following programmes are in place to cater to student needs

UGs-

Extra coaching  
PG entrance oriented teaching  
MCQ's based internal assessments

PGs-

Industrial oriented teaching  
Industry & Institution interaction  
To facilitate campus selection through placement cell  
Web based guest lecture

No. of students beneficiaries

143

#### 5.5 No. of students qualified in these examinations

|             |    |           |  |      |    |        |    |
|-------------|----|-----------|--|------|----|--------|----|
| NET         |    | SET/SLET  |  | GATE | 06 | CAT    |    |
| IAS/IPS etc | 02 | State PSC |  | UPSC |    | Others | 02 |

#### 5.6 Details of student counselling and career guidance

Campus Recruitment Training (CRT) of one week duration was organised in the month of Oct 2013 for the II year students of M. Pharm and VI year PharmD by External experts from Arivu foundation, Bangalore. The program involved both out bound exercise, presentations, team work and group discussion, which helped the students to improve their communication and presentation skills.

Apart from this a committee for higher education was formed with 6 faculty members. This committee schedules the coaching classes for students and brings resource persons (both internal and external)

Gnana Degula – An event organized by leading newspaper Deccan Herald in which JSS University provides students with options to various courses and the prospects of such courses

No. of students benefitted

642



## 5.7 Details of campus placement

| Number of Organizations Visited | <i>On campus</i>                | Number of Students Placed | <i>Off Campus</i>         |
|---------------------------------|---------------------------------|---------------------------|---------------------------|
|                                 | Number of Students Participated |                           | Number of Students Placed |
| 07                              | 92                              | 12                        | 27                        |

## 5.8 Details of gender sensitization programmes

A gender sensitization committee has been formed both at the University level and at individual constituent college level. The gender sensitization committee has conducted programmes in association with RESCUE, an NGO working in Mysore on avoiding usage of porn on mobiles and computers and on Medical Termination of Pregnancy.

## 5.9 Students Activities

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

State/ University level  National level  International level

### No. of students participated in cultural events

State/ University level  National level  International level

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

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level

## 5.10 Scholarships and Financial Support

|  | Number of students | Amount      |
|--|--------------------|-------------|
| Financial support from institution                                   | 08                 | 3.95 lakhs  |
| Financial support from government                                    | 49                 | 49.23 lakhs |
| Financial support from other sources                                 | 31                 | 14.73       |
| Number of students who received International/ National recognitions | 05                 | 0.06        |

### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

**5.12 No. of social initiatives undertaken by the students**

25

**5.13 Major grievances of students (if any) redressed:** The students grievance redressal cell has addressed six issues the details of which are maintained in the cell. Follow up of such grievances are also conducted to ensure that it is redressed to the satisfaction of the complainant.

## Criterion – VI

### **6. Governance, Leadership and Management**

#### **6.1 State the Vision and Mission of the institution**

***Vision:***

As a comprehensive university, JSS University is committed to offering high quality undergraduate, graduate and professional education to its students.

***Mission:***

The Mission of JSS University is to nurture and develop the talents of students and to create applicable knowledge in order to support social and economic advancement.

#### **6.2 Does the Institution has a management Information System**

Yes. The institution has indigenously developed its own management information system customized to its own needs. The IT department of the university manages the MIS with continuous updation to the same.

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

##### **6.3.1 Curriculum Development**

The University has developed the quality policy and has ensured adherence to the same and as validated by external quality audit agencies such as MCI, DCI, PCI, ISO, GLP, NBA, ACPE and others for their quality sustenance. The constituent colleges have continued their quality sustenance and quality enhancement initiatives after the establishment of the university, with particular reference to curricular aspects in the following manner:

- Equal thrust to all the courses based on relevance, national and global need at undergraduate and postgraduate and research level.
- Increased number of courses and increased options within courses of study updated according to the latest developments in the discipline.
- Obtaining feedback from industry, students, alumni and other stakeholders through formal and informal regular contact that ensures information about qualitative changes required in courses.
- Regular updating of curriculum as required based on need, feedback, model national/international curricula, industrial needs and student expectations.
- Thrust to ICT enabled courses, ICT competence, multi-skill development, flexibility to slow learners and challenges to advanced learners.
- Wherever the curricula can be supplemented, value added component of ICT is included for equipping the student to compete on global level.
- Inclusion of skills assessment and competency based assessment during routine practical's and internal examinations

### **6.3.2 Teaching and Learning**

The JSS University has adopted the following strategies to ensure an effective teaching learning process. Feedbacks are obtained from stake holders on the teaching learning process and continuous improvements are effected for better outcomes.

- Conduct Faculty Development Programmes (FDP's) for faculty through the center for continuous and life long learning for professional excellence (CCLPE) and the Medical Education Unit
- Promotion of self-directed learning across all the courses. The university conducts academic audits for departments wherein innovations in teaching learning process are one of the agenda. All departments are encouraged to inculcate innovation and best practice in teaching and learning
- The learning process is student centred in the University. The students are assigned tutorials, assignments, project works, seminars, and participatory learning activities are encouraged.
- Field activity is encouraged so that students are exposed maximally and learn better with a practical understanding
- Simulation labs and skills labs in certain department to make the understanding of the subject better and to improve the skills of the students
- Maintenance of log books, clerkship records and teaching records at post graduate level teaching

### **6.3.3 Examination and Evaluation**

- The examination and evaluation process of the university is designed within the framework of the guidelines stipulated by the respective apex bodies, after discussion in several boards of studies. The evaluation process so designed is approved by the Academic Council and ratified by the Board of Management.
- The constituent colleges are actively involved in framing the policies, through their representatives who constitute the boards of studies and the Academic Council. They are also actively involved in constitution of panel of approved external and internal examiners.
- A rational examination schedule has been prepared in consultation with the constituent colleges and having duly considered the examination schedules of universities in the region, to ensure timely conduct of examinations and to avoid clash of dates. The schedule is also designed to ensure that fresh graduates are able to pursue further studies in India or abroad without any break or loss of academic years.
- A feedback from the external examiners & students is taken on the examination pattern and analyzed. The suggestions are passed on to the members of BOS and academic council.

#### **6.3.4 Research & Development**

The synthesis of teaching and research is fundamental in JSS University. All faculty do scholarly research, most often in association with postgraduate students or advanced undergraduate students. Research creative enquiry and innovation are integrated into education. The university ensures the quality in research through

- The Research Coordination Council (RCC) which besides promoting research activities also screens the new research proposals of the faculty, monitor the on-going research projects and evaluate the completed research projects.
- The PhD review committee and doctoral advisory committee monitor the research activities, admissions to PhD programmes and review the half-yearly progress reports and thesis submitted by research scholars
- The research development fund (RDF) supports research scholars with fellowships and small grants which has significantly enhanced enrolment of research scholars.
- The University also supports staff for publications in high impact journals by bearing the cost of the publications.
- The University also supports the faculty with conference registration charges and travel allowances as admissible by the University regulations for faculty presenting papers at National/International conferences.
- The University has also signed MoUs with industry, National Research Organizations and National/International universities for promotion of research activities and for interdisciplinary approach to research

#### **6.3.5 Library, ICT and physical infrastructure / instrumentation**

- A major increase in the library space has been made in the previous year. The space for own book reading has been increased based on the inputs of library users
- The libraries provide for a range of study spaces from a noisy open group study at one end to the single silent open and close study space at the other end. All libraries have ensured access to very large no. of computer stations and study spaces. All libraries provide OPAC facility to the users of the library.
- Library has computer work stations to provide online and Internet services to the faculty, research scholars, and students.
- In addition to Internet/Online facilities in Library, desk top access in various departments and multi-user access at Central Computer Unit also have been set up.
- The departments and the library reading areas have Wi-Fi connectivity.
- Students having laptop and smart phones browse in the lounge areas of the library
- The total number of book holdings by the university is 17272 across its constituent colleges

### **6.3.6 Human Resource Management**

The establishment section of the University monitors and co-ordinates with the establishment section of constituent colleges

Performance Based Appraisal System (PBAS) and career Advancement Scheme (CAS) have been introduced based on the guidelines of the UGC and recommendations of the IQAC which will be used for career advancement and general assessment of the performance of the faculty

### **6.3.7 Faculty and Staff recruitment**

The university has laid down norms for the recruitment of teaching and non teaching staff as per the norms of the statutory bodies. The recruitment is by open advertisement and the selection is by the selection committee constituted based on the university bye-laws and UGC guidelines. The vacancies are as determined by requirements as prescribed by various governing authorities like MCI, DCI, PCI, UGC and as well as the workload of individual departments.

The recruited faculty are assessed annually by self appraisal method and peer evaluation and student feedback the analysis of which gives way for further enhancement and up gradation of their skills and knowledge. The university also encourages faculty participation in continuing education programmes as well as various national and international training programs, workshops and conferences. Skill development programs are mandatory for the non-teaching faculty of the university.

### **6.3.8 Industry Interaction / Collaboration**

The strong national and international linkage with the industry and institutions has fostered the culture of providing consultancy to the industry and also national scientific organizations. The constituent colleges individually and collectively have provided consultancy at national and International levels in the following broad areas:

- i. Multicentric Global Clinical Trials
- ii. Bioequivalence & Bioavailability of studies of new drugs
- iii. Drug discovery and drug development
- iv. Testing of drugs and pharmaceuticals
- v. Development of products and documentation system
- vi. Safety and toxicity studies
- vii. Consultancies in all dental care needs for the school children and development of new formulations

Such linkages have also promoted front-line research activities of the constituent colleges of the university. By having access to advanced and sophisticated equipments and data bases for literature survey for acquisition of precise and accurate data from the linkages organizations collaborative research has been nurtured resulting in national and international publications, patents, submission of joint projects and placement. For example, the collaboration with Philips Healthcare division of Bangalore has resulted in establishment of a neonates care section using CPAP and chest splint under the department of Pediatrics.

There has also been a formation of the Industry Institution Interaction Cell (IIIC) which facilitates guest lectures by industry experts, students training, etc.

### 6.3.9 Admission of Students

Admission of students to different courses is as per the prescribed norms of UGC, MCI, DCI, PCI, etc. The intake of students for the MBBS and PG courses in JSS Medical College is based on the merit rank secured at the COMED-K entrance examination. The COMED-K entrance is conducted by the consortium of private medical and engineering colleges of Karnataka state.

Admission of the Dental and Pharmacy courses is conducted through entrance examination conducted by the University as per the guidelines. The selection of students for all other courses offered by the University is on the basis of the rank list prepared by the University based on the sum total of aggregate percentage of marks in undergraduate course, admission test score and group discussion and admission interview.

A separate admissions cell in the university coordinates the admission of students for various courses

### 6.4 Welfare schemes for

|              |                                |
|--------------|--------------------------------|
| Teaching     | 04 (EPF, Gratuity, EDLI, GSLI) |
| Non teaching | 04 (EPF, Gratuity, EDLI, GSLI) |
| Students     | 01 (Mediclaim Facility)        |

### 6.5 Total corpus fund generated

500 Lakhs

### 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      | External committee consisting of recognized experts from various disciplines conduct academic audit periodically apart from MCI, DCI, PCI, ISO & ACPE | Yes      | Representative from University along with the principal and IQAC member conduct internal audits |
| Administrative | Yes      | M/S Madhavan & Co. Chartered Accounts   | Yes      | Director of Accounts and Audit, JSS Mahavidyappetha   |

### 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?**

The individual department/institution proposes reforms to the Academic Council of the University with recommendations of the concerned/respective board of studies (BOS). The Academic Council places the recommendations to the Board of Management which is then communicated to the Controller of examinations.

Examples of major reforms made in the last academic year include

- Conduct of supplementary exams for 1<sup>st</sup> MBBS students within 60 days of announcement of the results which will allow failed candidates to appear and clear the subjects and join the regular batch thus avoiding the loss of a term (six months)
- Inclusion of two papers in the subject of Biochemistry of 100 marks (earlier it was 1 paper of 100 marks) based on the recommendations of the department and guidelines of MCI
- Prefixed examination schedule for all courses offered by the University
- The practical marks of the University exams are being uploaded through online portal in front of the external and internal examiners. This shortens the time required for the announcement of results.

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

The institution and its leadership are defined within the university structure. The university and institution policies and procedures clearly define respective authority and responsibility. The university and institution leadership collaborate to secure adequate human, physical, technological, educational, and financial resources to maintain and advance the program. The institution contributes to the activities and governance of the university. The following mechanisms provide for autonomy of the institutions

- The Governing body for individual college comprising of representatives from University decide the strategic plan and requirements of the institutions
- The Board of Studies (BOS) at each institutional level is empowered to recommend syllabus/curriculum changes or changes to the evaluation/assessment methods
- The Deans/Principals of the individual colleges are members of the Board of Management (BOM), the highest decision making body where they can raise their concern.
- Constituent colleges Principals/Senior faculty are members of academic council, planning and monitoring board, library committee, hostel committee, research co-ordination council, hostel committee, IQAC and many others wherein they can raise concerns pertaining to individual institutions

Further it is expected that academic staff of the college will have the responsibility and opportunity to suggest the changes to any and all of these policies, as the need arises, through the established mechanisms of faculty meetings and retreats.



### **6.11 Activities and support from the Alumni Association**

- Each constituent college has a registered alumni association with a calendar of events for alumni association.
- To bring all the individual alumni associations under one umbrella, the JSS University has opened a portal available at <http://www.jssuni.edu.in/alumni/> to enable all alumni to register online and a database can be created
- The alumni association also has generated a corpus fund to be used for the benefit of the institution
- The JSS Dental College conducted its alumni meet “Sammilana” on the 24<sup>th</sup> of August, 2013 wherein more than 200 alumni participated. Felicitation was done to 4 distinguished alumni Dr.Yogesh, Dr.Meena.S, Dr.Gayathri Devi, Dr.A.Laxman Shetty
- The alumni association also plays a vital role in providing feedback to the parent institutions. The alumni also take pride in being a part of the programmes organized by the alma mater or parent department from which the student graduated or post graduated.
- Most of the alumni have a strong attachment to their parent organization and have taken up academic positions at their alma mater

### **6.12 Activities and support from the Parent – Teacher Association**

- The constituent colleges of the University have their Parent – Teacher Associations wherein most of the local student’s parents contribute a major part due to ease of accessibility.
- The mentorship programme also has strengthened the PTA as the teachers communicate more frequently with parents regarding their student’s progress
- The PTA also allows for participation of parents in the cultural and literary activities of the institution.
- The parents are also encouraged to give feedback on the educational process, infrastructure, faculty and hostel facilities and the feedback is used for constant up-gradation of facilities

### **6.13 Development programmes for support staff**

- An awareness programme was conducted for the support staff on the benefits of Employees State Insurance (ESI) scheme which is a social security and health insurance scheme
- A training programme was organized on the use of TCS Ion software
- Training programme on tally was organized for the benefit of all office and support staff
- A one day personality development camp was organized for all the non teaching staff of the University and constituent colleges

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

Energy conservation and use of renewable energy: Conscious of the conservation of energy requirement, the following measures have been taken to ensure energy conservation.

- All light fittings have been fitted with energy efficient tube fittings and light sources like CFL and LED bulbs
- The weather at Mysore and Ootacamund being moderate throughout the year, installation and/or air conditioning units have been kept to the minimum and even where installed, are used only for essential needs or to fulfil requirements. Energy consuming (heating as well as cooling) equipments are supported with the use of solar energy and air source heat pumps rather than using the conventional electricity.
- The buildings in the campus have been constructed to ensure adequate normal lighting and ventilation to reduce the energy requirement to bare minimum.
- The hostel heating systems for use of hot water in the bath rooms and generation of steam for cooking and emergency lighting requirement are supported by solar energy and air source heat pumps. The campus lighting is planned/being planned so that solar energy supported lighting installations can be used for lighting up during the nights.
- To avoid use of LPG, installation of solar cooking is being installed in the boys and girls hostel to conserve use of LPG
- The implementation of MIS has reduced the consumption of paper. All the staff have been provided with official email ID's and most of the communication is through mails.
- Green Campus Initiative – The students plant saplings in the campus to keep the campus green and provide with useful medicinal plants

## 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.

1. Case Based Learning modules for 1<sup>st</sup> M.B.B.S students
2. Computer Assisted Teaching and Learning In Dissection Hall  
The use of cadavers has been the chief pillar for learning anatomy in addition to the process of dissecting a cadaver as a teaching method. As anatomy learning strongly depends on images and diagrams, it is particularly amenable to the use of computer science. The computer make more interesting for students by means of multimedia presentations.  
Dissection hall has one LCD projector and 8 monitors with internet facility. Computer-assisted learning is used as a supplementary method for conventional dissection method.
3. Court room simulation is done by the undergraduate students who are posted in the department for a period of 15 days in their 4<sup>th</sup> term. The script for the mock show is given to the students and role play is assigned to each one of them 5 days before the show. The students will also be provided with costumes by the department. For the final show students would be playing their respective roles to perfection to the faculty and invitees from other departments too. The aim of this initiative is to familiarize the students as well as the spectators with the court room proceeding.
4. Model making & chart making competition for Undergraduate & MSc Post graduate students.
5. Let's Talk Health Initiative initiated by JSS Medical College
6. Medical Students Social Responsibility Initiative (MSSRI)
7. M+ Club initiative
8. Herbal garden in JSS Urban Health Center
9. Comprehensive school and college health appraisal programme in Mysore, Chamarajanagara, Hasan and Mandya districts
10. Formative seminar, medico social case presentation, family study, journal club evaluation of post graduate students by faculty, Paperless E communication
11. Biometric attendance system across all institutions and campuses
12. CCTV surveillance to ensure safety and discipline in the campuses
13. Start of innovative courses/programmes like PG diploma in cosmeceutics, nanotechnology, etc.
14. Introduce the concept of "Clinical Preceptor"

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

### **Plan of action at the beginning of the year**

- To start Innovative programs/ courses in every faculty of the university and to start super speciality courses at the newly established departments of JSS Hospital
- To identify and recruit experiential/ industrial sites for training of students enrolled in Pharmacy programmes
- To encourage Joint research projects/ international collaborations
- To conduct Continuous Professional Development programs
- To strengthen the infrastructure facilities
- To seek international certification from ACPE(Accreditation Council for Pharmacy Education) 135 S. LaSalle Street, Suite 4100 Chicago, Illinois, USA 60603-4810 for the Pharm D courses offered by JSS University
- To improve and strengthen the MoU's signed with various organizations/industry/institutions
- To improve the recognition of the University and be amongst the top ranked Universities in the region

### **Action Taken Report**

- ACPE certification has been granted for the Pharm D courses being offered by JSS University along with the certification action and recommendations which have been addressed to.
- The JSS College of Pharmacy has been certified with ISO 9001:2008 for a period of 3 years from 2014-17
- Two Innovative PG diploma programs (Cosmeceutics and Nano Technology) started.
- The University is offering the 8 new BSc programmes, 5 new MSc programmes and 2 new fellowship programmes from the academic year 2014 -15. These programmes have been advertised and have received a tremendous response. Out of these 8 programmes being offered are under the choice based credit system (CBCS) pattern allowing for greater academic flexibility
- The JSS Medical College has started two new MD programmes in Hospital Administration and Emergency Medicine.
- Clinical Pharmacy services have been expanded to specialized areas including oncology, antiretroviral therapy and cardiology. Two new experiential sites have been recruited (Bharat Cancer Hospital and Asha kiran Hospital)
- In continuation of the student exchange JSS University had selected 2 students one each from JSS College of Pharmacy, Mysore and Ooty who are studying in 6<sup>th</sup> Pharm D programme based on their academic and research performance. Ms. Shruthi, 6<sup>th</sup> Pharm D student, JSS College of Pharmacy, Mysore and Ms. Haritha Atluri, 6<sup>th</sup> Pharm D student, JSS College of Pharmacy, Ooty were selected for the students exchange programme for academic year 2013-14 and visited Latrobe University from 19<sup>th</sup> July 2013 to 29<sup>th</sup> November 2013
- JSS University has signed a MoU with World Health Organisation International Drug Monitoring Program located at Uppsala Monitoring Centre (UMC), Uppsala, Sweden to establish a strategic frame work for collaboration to conduct training programs for capacity building in Pharmacovigilance for the Asia region

- The magazine “THE WEEK” had carried out a survey of the private and deemed universities in India. The survey revealed that JSS University, Mysore was ranked 19<sup>th</sup> amongst the Top 35 Private and Deemed Universities in India. Similarly The survey of “North East Sun” revealed that JSS Medical College, JSS University, Mysore was ranked 4<sup>th</sup> amongst the Top 30 private Medical Colleges in India and that of “Pioneer” revealed JSS University among the top 5 Universities in the country.
- Faculty development programmes have been organized by CCLPE and MEU
- University had received 23 project proposals from University Departments and Constituent Colleges out of which 14 from Faculty and 9 from PG students were recommended. The committee sanctioned amount of Rs. 3,75,600.00 for the proposals
- Joint interdisciplinary projects involving various departments across institutions have been submitted to various funding agencies for consideration

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

**Annexure**

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

7.4 Contribution to environmental awareness / protection

- Swachh Bharat Abhiyan Initiative – The NSS Units of constituent colleges are regularly conducting programmes under the swachh bharat Abhiyan for which the efforts have been appreciated in the media as well as by the public
- Conduct of environmental awareness and wildlife protection programmes during NSS special camps held at tribal villages and rural areas
- Promotion of use of CFL lamps in the campus
- “Green Campus” initiative involving students involvement in cleaning of campus and plantation of saplings

7.5 Whether environmental audit was conducted?      Yes ☐      No ☒

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

## 8. Plans of institution for next year

The year 2015-16 coincides with the centenary celebrations of the founder President of JSS Mahavidyapeetha His Holiness Dr. Sri Shivarathri Rajendra Mahswamiji whose vision and leadership lead to the development of educational institutions, hospitals, social welfare programmes, etc. which has brought a by and large huge change in the society and touched the lives of millions with more than 350 institutions today. The University while submitting the budget for the year 2015-16 has projected developmental activities under the centenary celebrations and also provided for resources for the same. They are...

- a) Conduct of the big international and national academic events like joint Indo-US Symposium, International Pharmacy Congress Starting of super speciality programmes in Cardiology, Nephrology and PG programme in transfusion medicine.
- b) Establish a state of the art drug and division information centre at JSS Hospital, Mysore.
- c) Up gradation of laboratories in Medical college, Dental college and Life sciences department.
- d) Contribute to “Massive open online course” (MOOC) resources to the university of students.
- e) Constructing a university guest house, International hostel and staff quarters.
- f) Organise “Academic innovation meet” in 2016 with collaborating institutions, organisations and industries.
- g) Starting of innovative inter disciplinary PG programmes in life sciences.
- h) Work towards other National / Global accreditations and rankings as a quality assurance measure.

*Name Dr. Prashant Vishwanath*

*Name Dr. B. Suresh*

\_\_\_\_\_  
*Signature of the Coordinator, IQAC*

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*Signature of the Chairperson, IQAC*

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## **List of Annexures**

**Annexure I: IQAC Calendar of events**

**Annexure II: Feedback Analysis**

**Annexure III: Best Practices**

**Abbreviations:**

|        |   |  |
|--------|---|--|
| ACPE   | - | Accreditation Council for Pharmacy Education                             |
| CAS    | - | Career Advanced Scheme   |
| CAT    | - | Common Admission Test  |
| CBCS   | - | Choice Based Credit System   |
| CCLPE  | - | Centre for continuous and life-long learning for Professional excellence |
| CE     | - | Centre for Excellence  |
| COMEDK | - | Consortium of Medical, Engineering & Dental colleges of Karnataka        |
| COP    | - | Career Oriented Programme  |
| CPE    | - | College with Potential for Excellence                                    |
| DBT    | - | Department of Biotechnology  |
| DCI    | - | Dental Council of India  |
| DPE    | - | Department with Potential for Excellence                                 |
| DST    | - | Department of Science and Technology                                     |
| GATE   | - | Graduate Aptitude Test   |
| ICMR   | - | Indian Council of Medical Research                                       |
| JSSU   | - | JSS University   |
| MEU    | - | Medical Education Unit   |
| MCI    | - | Medical Council of India   |
| NAAC   | - | National Assessment & Accreditation Council                              |
| NET    | - | National Eligibility Test  |
| NLM    | - | National Library of Medicine   |
| PBAS   | - | Performance Based Appraisal System                                       |
| PCI    | - | Pharmacy Council of India  |
| PEI    | - | Physical Education Institution   |
| SAP    | - | Special Assistance Programme   |
| SF     | - | Self Financing   |
| SLET   | - | State Level Eligibility Test   |



|      |   |                                      |
|------|---|--------------------------------------|
| TCS  | - | TATA Consultancy Services            |
| TEI  | - | Teacher Education Institution        |
| UGC  | - | University Grants Commission         |
| UPE  | - | University with Potential Excellence |
| UPSC | - | Union Public Service Commission      |

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