

Jagadguru Sri Shivarathreeshwara University (JSS University)



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

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ANNUAL QUALITY ASSURANCE REPORT (AQAR)

Prepared by

INTERNAL QUALITY ASSURANCE CELL

(PERIOD – July 2016-June 2017)

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:

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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*)

KAUNGN11002

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-2015-16

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

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.34	2013	2018
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

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

08/11/2013

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

2015-16

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 2014-15 submitted to NAAC on 19-10-2015
- iii. AQAR 2015-16 submitted to NAAC on 02-02-2017
- 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*)

UGC-COP Programmes

Centre of Excellence conferred by Vision Group of Science & Technology, Govt. of Karnataka
Clinical Development Services Agency (CDSA, DBT India)

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 :

07

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 No's. International National State Institution Level

(ii) Themes

- National Seminar on Academic and Administrative Audit (NAAC Sponsored)
- University Leadership Programme
- Workshop on Performance Based Appraisal System and Career advancement system
- Soft Skill Workshop for Non-Teaching Staff

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 monitoring performance indicators for the institution and its constituent colleges. In the preceding year the IQAC has been instrumental for the revision of the Vision, Mission, Goals and the strategic plans of the constituent colleges and University departments. 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 reports are also placed on governing body meetings and provide inputs for resource allocation for individual institutions.

A separate quality division has been established at the University to cater to all aspects of quality in higher education. Periodic meetings are held to monitor the progress made towards achievement of higher standards in education by the constituent colleges. A full time nodal officer has been entrusted with the responsibility of ensuring implementation of policies framed by the University.

The IQAC has revised 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 faculty seeking career advancement should have minimum cumulative points to be eligible for promotion to a higher cadre.

The IQAC regularly conducts annual department audits and analyses the strengths and weakness of the individual departments and provides suggestions on areas of improvement for the individual departments. These audit reports are placed in the meetings and areas for improvement are discussed and documented.

The IQAC has also conducted a NAAC sponsored National Seminar on Academic and Administrative Audit on the 27th and 28th of March. The Seminar was attended by faculty, administrators IQAC members of various institutions from mainly southern part of India. The objective was to bring awareness towards the audit process which forms an important integral mechanism to enhance and sustain quality of an higher Education Institution (HEI).

The IQAC has conducted workshops on Leadership titled University Leadership Programs (ULP) to identify and nurture leadership qualities amongst its teaching faculty and administrative staff. The focus has been to hone and train second line leaders and aligning them to the vision, mission and objectives of the University. In an activity based three day workshop involving eminent leaders, the participants are oriented to various aspects of leadership, different styles of leadership and real life situations and solutions to enable them to become good leaders.

The IQAC has been instrumental in participating in National Institutional ranking Framework (NIRF) rankings and has co-ordinated with the quality division to provide data in the required formats for participation in National and State rankings. The results have been encouraging for the IQAC and quality division as Jagadguru Sri Shivarathreeshwara University was ranked at 45th Place in the Universities category and ranked 1st in the State ranking under the young universities rankings. IQAC is also contributing a significant role in participation in International Ratings by QS Star Rating Agency.

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 has being implemented in a phased manner. The MIS also provides instant reports on some of the KPI's and helps assess quality on a day to day account. The performance based self-appraisal has also been modified to take into account a 360 degree evaluation.
2. Evaluation of Performance Based Assessment Scheme (PBAS) for Faculty of JSS University	The IQAC scrutinizes all the PBAS forms submitted by faculty for its completeness and correctness and then forwards it for review by an external committee.
3. Academic	The IQAC annually conducts AAA for all the

&Administrative Audits (AAA) - Internal	departments and the reports are placed in the governing body meetings of the individual institutions. The reports are reviewed in the IQAC meetings and forwarded for suitable action.
4. Conduct of Seminars/ Conferences/Workshops	The IQAC has conducted a National Seminar on Academic and Administrative Audit and other activities as mentioned in Annexure I

** The Academic Calendar of the year 2015 – 16 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	02	06	06
PG	70	01	71	71
UG	18	01	19	19
PG Diploma	25	01	26	26
Advanced Diploma	-	-	-	-
Diploma	02	Nil	02	02
Certificate	06	03	09	09
Others	02	Nil	02	02
Total	127	08	135	135
Interdisciplinary	06	02	08	08
Innovative	04	02	06	06

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	40
Trimester	
Annual	95

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.

- MD Biochemistry - A revision of the curriculum for post graduates has been made considering the advances in the field of molecular biology and clinical laboratory medicine
- AHS courses - All the UG courses (BSc) in allied health sciences have been converted from annual system to **Choice Based Credit System** and has been approved by the Board of Studies and has been brought into implementation from the 2016-17 batch of students
- M.Sc. Medical Physiology - Scheme of examination and marks distribution has been changed. In the curriculum
- M.Sc. Medical Microbiology - Hospital infection control, Bio-medical waste management, Molecular diagnosis and Nosocomial infections have been added in the curriculum.
- PG Curriculum has been updated for MD Pathology and Diploma in Clinical Pathology courses
- MD Emergency Medicine curriculum has been revised based on the needs of the course.

The salient features of this curriculum and semester are:

- The minimum credit points required for award of a B. Pharm. degree by JSS University, Mysore is 208.
- These credits are divided into Theory courses, Tutorials, Practical, Practice School and Project over the duration of eight semesters and distributed semester-wise.
- Courses generally progress in sequences, building competencies and their positioning indicates certain academic maturity on the part of the learners.
- Learners are expected to follow the semester-wise schedule of courses given in the syllabus.
- One credit point has also been assigned for extracurricular and or co-curricular activities of the student.
- Remedial courses, Courses on Environmental Sciences, Computer application were introduced and made as non-university examinations.
- Nine courses have been given as an open basket in the eighth semester and the students shall choose 2 courses from them depending on their interest.
- The M.Pharm syllabus has been revised and Credit Based Semester System is being introduced from 2016-17.
- MCQ's have been added in the internal assessment examination for all the years of BDS course.
- MCQ's have been added in the Final assessment examination for RS-1 1st year of BDS course 2016-17.

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

JSS Medical College & Hospital

- ⊙ Cardiology outreach centres at JSS: Chamarajanagar.
- ⊙ Peripheral centres at HD Kote, K R Nagar, Kollegal, Hunsuru in Mysuru and Chamarajanagar Districts.

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

- Trauma unit started.
- Sexual Medicine Clinic
- Child guidance Clinic
- Vitreoretinal unit
- Pain and Palliative Care Unit at JSS Hospital, Mysuru
- Geriatric Clinic
- Diabetic Clinic

JSS College of Pharmacy, Ooty

- ⊙ The centre for Bioavailability and Bioequivalence (BA/BE) has been established with the approval of the office of Drug Control General of India (DCGI), New Delhi.
- ⊙ This centre is meant for consultancy services to Pharmaceutical Industries for the conduct of BA/BE studies.
- ⊙ The Post graduate students and research scholars get opportunity to closely monitor the proceedings and conduct of BA/BE studies and learn the technical and regulatory aspects of such studies.

Centre for Medical Genetics and Counselling (CMGC)

The advancement of genetic technology has widened the scope of clinical genetics from screening of inherited disorders to adult onset diseases like respiratory and oncological disorders. About 5-10% of cancers are hereditary, meaning that these cancers are due to a gene mutation that has been passed down in the family. Over the past several decades, accumulating genetic data has been shown to be intimately associated with the diagnosis and prognosis of neoplasms, thereby moving cancer cytogenetics out of research laboratories and into clinical practice. Therefore, conventional cytogenetic analysis is considered mandatory for all newly diagnosed leukemias, owing to its usefulness in diagnosis, classification, and prognostication. Techniques like FISH can be used to map loci on specific chromosomes, detect both numerical and structural chromosomal abnormalities, and reveal cryptic abnormalities. Undergoing genetic testing will help an individual to understand his disease condition and what the results may mean for themselves and their family. With this purview, the center for Human Genetics and Counselling (CMGC) has been set up at JSS Hospital with partial funding from CDSA and JSS University.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
491	149	100	129	114

2.2 No. of permanent faculty with Ph.D.

72

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
13	14	03	03	05	08	39	15	60	40

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	190	335	271
Presented papers	49	123	44
Resource Persons	09	56	83

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

JSS Medical College& Hospital

- ④ The Biochemistry department conducts Modified PBL sessions where in students are first exposed to a problem along with a brainstorming session followed by a knowledge acquiring session and a presentation session.
- ④ The Anatomy department conducts Peer assisted tutorials, MCQs based learning, video assisted cadaveric dissection, Digital histology learning, Interactive large group teaching.
- ④ The forensic department conducts Moot Court for the students.
- ④ The Microbiology department Model making competition for Undergraduates, Hospital Infection Control Sensitisation through role play, and Participation in EQAS for bacteriology, serology & Mycology, UG students visit to Diagnostic Laboratories & CSSD
- ④ The Pharmacology department does Pharmacotherapeutic exercises to given an insight and understanding the therapeutic approach of diseases. Attending geriatric clinic in association with geriatric physician-caring of geriatric patients and monitoring of prescriptions in elderly.

- ⊙ In Pathology department Rapid biopsy review introduced for post graduate students, Group discussion for post graduate students (Section wise), Assignments for slow learners and repeaters, Slide bank of interesting cases for native PG students and outside college PG students.
- ⊙ In ENT Video demonstration of surgical procedures
- ⊙ In Ophthalmology **WET LAB** - for surgical techniques with microscopes and microsurgical instruments on animal eyes, **TRANSFER OF SURGICAL SKILLS** - by assisted live surgeries. **HANDS ON TRAINING** for investigation- (FA, OCT, USG , PERIMETRY) **SELF ASSESSMENT BY STUDENTS** by first evaluating the patients independently and cross checking with the consultant. **WEB BASED LEARNING** - in the form of webinars.
- ⊙ **VAST**– Videos of surgical procedure. **INTEGRATED TEACHING** with other departments.
- ⊙ In Cardiology Morning Report, Point of care Echo- Emergency and Point of care Echo-Neonatal.
- ⊙ In nephrology Hands on training for dialysis technicians in the dialysis room and Non invasive body water estimation using USG.
- ⊙ In radiology department the **Website**www.jssmcradiology.com has reached out to about 150 countries and is now listed on www.radiologyeducation.com as one of the recommended sites for Radiology education. **Case of week**-New concept of electronic display of case of week in the museum on the television has been introduced. **Poster Display**- Educational Posters are Displayed in the CT Corridor regularly. **STAR** (Specialized Training in Advanced Radiology) program is conducted once every month. Expert **external faculty** from various prestigious institutes are being invited on quarterly basis to conduct sessions for Postgraduates.
- ⊙ In Psychiatry Teachers training programme to create awareness among teachers of JSS institute among psychological illness. All fourth term students are thought doctor patient relationship through role plays.
- ⊙ In community medicine Piloting of Whats app based instructional methods in Family Health Advisory Survey to 4th term MBBS students, Tribal Health care visit – Sargur and Kenchanahalli, Design and development of New UG Record.
- ⊙ **Mentorship** program has been initiated in order to mentor postgraduates with academic guidance including improvement in the research and publication credentials of the department.
- ⊙ **Internal Audit of all departments**

JSS Dental College

- ⊙ Internet based learning-customised website for Pedodontics lesson downloads
- ⊙ ICT /audiovisual based teaching process
- ⊙ MCQ pattern introduced in internal and external assessment for university under graduate examination.

JSS College of Pharmacy, Mysore

- ⊙ Horizontal integration in teaching is introduced
- ⊙ Inter-professional education is introduced for selected courses

JSS College of Pharmacy, Ooty

- ⊙ ‘Integrated Teaching’ has been introduced. Under this scheme, the common topics of Pathophysiology, Pharmacology and Pharmacotherapeutics have been chosen and discussed in sequence by the teachers by relating the concepts of one subject into others. Then a case study pertaining to those topics were presented by the students which were evaluated by the teachers of all these subjects and other health care professional invited viz. Physicians and or Nurses.
- ⊙ ‘Mind Mapping’ has been introduced. After completing a particular topic, the teacher used to write a broader topic name on the chart and students were randomly called and asked to write another word to logically link the word previously written. This process is extended as a tree and at the end of the process, the salient points of the topic given by the teacher were fully conceptualized and summarized. This chart was taken a snap and distributed to the students as a ready reference for the revision on the topic.
- ⊙ ‘Interprofessional Teaching’ has been introduced. By this scheme, the faculty from the pharmacy taken classes to the nursing students and the physicians and nursing faculty taken classes to the pharmacy students on the topics of mutual interest.

Faculty of Life Sciences & Department of Water and Health

- ⊙ Expert external faculty from various prestigious institutes are being invited on quarterly basis to conduct sessions for PG and UG.
- ⊙ Add on certificate course on Hematology for UG students.
- ⊙ Twenty one day workshop on GIS and its applications for PG students from across the country.
- ⊙ YouTube lectures: plays for languages.
- ⊙ UG Bioinformatics computer based practice.
- ⊙ UG laboratory posters.

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

240

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

- ⊙ MCQs, OSPE, Open Book Examination, Individual cadaver table feedback
- ⊙ Open book exams for PGs

JSS Dental College

- ⊙ MCQ's were added in the internal assessment examination for all the years of BDS course.
- ⊙ MCQ's were added in the Final assessment examination for RS1 1st year of BDS course.

JSS College of Pharmacy, Ooty

- ⊙ Online tests with multiple choice questions were given as unit tests to the students through the online portal created in-house called 'JSSUONLINE' and 'E-LEARN'.
- ⊙ Objective Structured Clinical Examination (OSCE) has been introduced to V year Pharm.D. students at formative examinations and the average marks were included in the internal assessment marks.

Faculty of Life Sciences & Department of Water and Health

- ⊙ Internal exams (Open book exams).

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

73	46	25
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2.10 Average percentage of attendance of students

85 %

2.11 Course/Programme wise distribution of pass percentage :

JSS MEDICAL COLLEGE, MYSURU-15

JSS UNIVERSITY

RESULT ANALYSIS – JULY 2016 EXAMINATION

Course	Total Student	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
MBBS - Phase I	226	210	22	75	56	04	157	74.76
MBBS – Phase – II	109	99	--	--	01	60	61	61.61
MBBS – Phase – III Pt - I	49	48	--	09	13	20	42	87.5
MBBS – Phase – III Pt – II	66	64	--	03	30	17	50	78.12

RESULT ANALYSIS – OCT 2016 SUPPLEMENTARY EXAMINATION

Course	Total Student	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
MBBS PHASE - I	69	56	--	--	--	47	47	83.92

RESULT ANALYSIS – JANUARY 2017 EXAMINATION

Course	Total Student	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
MBBS – Phase – II	253	237	05	69	79	15	168	70.88
MBBS – Phase – III Pt - I	183	180	01	44	90	3	138	76.66
MBBS – Phase – III Pt – II	132	129	--	30	64	10	104	80.62

JSSU Result Analysis Post Graduate Degree October 2016 Exam

Sl. No.	Course	No of students appear for exam	No. of Students Pass	Percentage %
1	Pathology	01	--	--
2	Forensic Medicine	01	01	100
3	Gen.Medicine	04	04	100
4	Gen.Surgery	01	--	--
5	Orthopaedics	03	03	100
6	Anaesthesia	01	--	--
7	Psychiatry	02	02	100
	Total	13	10	76.92

Result Analysis Post Graduate Diploma October 2016 Exam

Sl. No.	Course	No of students appear for exam	No. of Students Pass	Percentage %
1	DA	01	01	100
2	D'Ortho	01	01	100
	Total	02	02	100

JSSU Result Analysis Post Graduate Degree April 2017 Exam

Sl. No.	Course	No of students appear for exam	No. of Students Pass	Percentage %
1	Biochemistry	02	02	100
2	Pathology	08	08	100
3	Pharmacology	04	04	100
4	Microbiology	03	03	100
5	Forensic Medicine	--	--	--
6	Community Medicine	04	04	100
7	Ophthalmology	04	04	100
8	ENT	04	04	100
9	Gen.Medicine	13	10	76.92
10	Gen.Surgery	16	11	68.75
11	Orthopaedics	06	06	100
12	OBG	07	07	100
13	Paediatrics	09	09	100
14	Anaesthesia	09	09	100
15	Dermatology	06	06	100
16	Psychiatry	03	03	100
17	Radiology	05	05	100
18	TB & Chest	02	02	100
19	Hospital Administration	02	02	100
20	Emergency Medicine	02	02	100
	Total	109	101	92.66

Result Analysis Post Graduate Diploma April 2017 Exam

Sl. No.	Course	No of students appear for exam	No. of Students Pass	Percentage %
1	DCP	03	03	100
2	DGO	06	05	83.33
3	DCH	03	03	100
4	DA	04	04	100
5	D'Ortho	06	05	83.33
6	DLO	02	02	100
7	DDVL	01	01	100
8	DO	01	01	100
9	DPM	01	01	100
10	DMRD	02	02	100
	Total	29	27	93.10

RESULT ANALYSIS – JULY 2016 M.Sc., EXAMINATOIN

Course	Total Students	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
1 st Year M.Sc.,	45	44	--	--	--	24	24	54.54
Final Year M.Sc.,	27	25	01	06	15	--	22	88

RESULT ANALYSIS – DECEMBER 2016 M.Sc., EXAMINATOIN

Course	Total Stu	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
1 st Year M.Sc.,	21	18	--	--	--	17	17	94.44
Final Year M.Sc.,	08	06	--	--	--	02	02	33.33

RESULT ANALYSIS – JUNE 2017 M.Sc., EXAMINATOIN

Course	Total Stu	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
1 st Year M.Sc.,	48	41	--	--	--	20	20	48.78
Final Year M.Sc.,	40	38	05	08	22	--	35	92.10

RESULT ANALYSIS – JUNE 2016 MPH EXAMINATOIN

Course	Total Stu	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
1 st Year MPH	02	02	--	--	--	02	02	100
Final Year MPH	04	04	01	03	--	--	04	100

RESULT ANALYSIS – JULY 2017 MPH EXAMINATOIN

Course	Total Stu	Appea-red	Distin-ction	1st Class	2nd Class	Pass Class	Total Pass	% age
Final Year MPH	02	02	--	02	--	--	02	100

RESULT ANALYSIS – June 2017 B,Sc., Examination

RESULT(Course Wise) (Final Year) Fresher

RESULT ANALYSIS – June 2017 B,Sc., Examination

Course 2014-15 Batch	Total Stu	Appea- red	Distin- ction	1st Class	2nd Class	Pass Class	Total Pass	% age
III B.Sc. RCT	23	23	Nil	05	09	08	22	95.65

RESULT(Course Wise) (Final Year) Fresher

RESULT ANALYSIS – June 2017 B,Sc., Examination

Course 2014-15 Batch	Total Stu	Appea- red	Distin- ction	1st Class	2nd Class	Pass Class	Total Pass	% age
III B.Sc. MLT	17	16	NIL	12	02	NIL	14	87.50

RESULT(Course Wise) (Final Year) Fresher

Course 2014-15 Batch	Total Stu	Appea- red	Distin- ction	1st Class	2nd Class	Pass Class	Total Pass	% age
III B.Sc. MIT	28	28	03	16	09	NIL	28	100

RESULT ANALYSIS – June 2017 B,Sc., Examination

RESULT(Course Wise) (Final Year) Fresher

Course 2014-15 Batch	Total Stud	Appea red	Distin- ction	1st Class	2nd Class	Pass Class	Total Pass	% age
III B.Sc. OTT	12	12	01	04	06	01	12	100

RESULT ANALYSIS – June 2017 B,Sc., Examination

RESULT(Course Wise) (Final Year) Fresher

RESULT ANALYSIS – June 2017 B,Sc., Examination

Course 2013-14 Batch	Total Stu	Appeared	Distin ction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
III B.Sc. OTT	01	01	NIL	NIL	NIL	01	01	100

RESULT(Course Wise) (Final Year) Fresher

Course 2014-15 Batch	Total Stu	Appeared	Distin ction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
III B.Sc. RDT	27	27	04	15	07	NIL	26	96.29

RESULT ANALYSIS – June 2017 B,Sc., Examination

RESULT(Course Wise)(Final Year) Fresher

RESULT ANALYSIS – June 2017 B,Sc., Examination

Course 2014-15 Batch	Total Stu	Appeared	Distin ction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
III B.Sc. CCT	30	30	01	05	12	06	24	80.00

RESULT(Course Wise)(Final Year) Fresher

Course 2014-15 Batch	Total Stu	Appeared	Distin ction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
III B.Sc. PT	29	29	NIL	04	14	10	28	96.55

RESULT ANALYSIS – June 2017 B,Sc., Examination

RESULT(Course Wise)(Final Year) Fresher

Course 2014-15 Batch	Total Stud	Appeared	Distin ction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
III B.Sc. PA	02	02	NIL	NIL	NIL	NIL	00	00

RESULT ANALYSIS – June 2017 B,Sc., Examination

RESULT(Course Wise) (Final Year) Fresher

RESULT ANALYSIS – June 2017 B,Sc., Examination

Course 2014-15 Batch	Total Stud	Appeared	Distin ction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
III B.Sc. EMD	01	01	NIL	01	NIL	NIL	01	100

RESULT(Course Wise) (2nd Year)

Course 2015-16 Batch	Total Stud	Appeared	Distin ction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. RCT	22	22	Nil	01	03	02	06	27.27
II B.Sc. RCT	05	04	NIL	NIL	NIL	03	03	75.00

RESULT ANALYSIS – June 2017 B,Sc., Examination**RESULT(Course Wise)(2nd Year)**

Course 2015-16 Batch	Total Stud	Appeared	Distin ction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. MLT	20	15	NIL	03	04	03	10	66.66
II B.Sc. MLT	03	01	NIL	NIL	NIL	01	01	100
II B.Sc. MLT	04	01	NIL	NIL	NIL	NIL	00	00
II B.Sc. MLT	01	00	NIL	NIL	NIL	NIL	NIL	00

RESULT ANALYSIS – June 2017 B,Sc., Examination**RESULT(Course Wise)
(2nd Year)**

Course 2015-16 Batch	Total Stu	Appeared	Distin ction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. MIT	22	21	02	09	09	NIL	20	95.24
II B.Sc. MIT	02	NIL	NIL	NIL	NIL	NIL	NIL	00
II B.Sc. MIT	02	NIL	NIL	NIL	NIL	NIL	NIL	00

RESULT ANALYSIS – June 2017 B,Sc., Examination**RESULT(Course Wise)
(2nd Year)****RESULT ANALYSIS – June 2017 B,Sc., Examination**

Course 2015-16 Batch	Total Stu	Appeared	Distin ction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. OTT	18	18	02	04	05	02	13	72.22
II B.Sc. OTT	01	01	NIL	NIL	NIL	01	01	100

RESULT(Course Wise)(2nd Year)

Course 2015-16 Batch	Total Stu	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. RDT	20	20	01	08	07	NIL	16	80.00
Course 2014-15 Batch	Total Student	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. RDT	01	01	NIL	NIL	NIL	NIL	NIL	00
Course 2012-13 Batch	Total Student	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. RDT	01	NIL	NIL	NIL	NIL	NIL	NIL	00

RESULT ANALYSIS – June 2017 B,Sc., Examination**RESULT(Course Wise) (2nd Year)**

Course 2015-16 Batch	Total Stu	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. CCT	12	12	01	04	02	NIL	07	58.33
Course 2014-15 Batch	Total Student	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. CCT	04	04	NIL	NIL	NIL	03	03	75.00

RESULT ANALYSIS – June 2017 B,Sc., Examination**RESULT(Course Wise)
(2nd Year)**

Course 2015-16 Batch	Total Student	Appeared	Distinct ion	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. PT	12	10	NIL	03	02	01	06	60.00
Course 2014-15 Batch	Total Student	Appeared	Distinct ion	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. PT	05	05	NIL	NIL	NIL	04	04	80.00

RESULT ANALYSIS – June 2017 B,Sc., Examination**RESULT(Course Wise)
(2nd Year)**

Course 2015-16 Batch	Total Student	Appeared	Distinct ion	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. PA	07	06	NIL	01	02	NIL	03	50.00
Course 2014-15 Batch	Total Student	Appeared	Distinct ion	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. PA	01	01	NIL	NIL	NIL	NIL	NIL	00

RESULT ANALYSIS – June 2017 B,Sc., Examination**RESULT(Course Wise)
(2nd Year)****RESULT ANALYSIS – June 2017 B,Sc., Examination**

Course 2015-16 Batch	Total Student	Appeared	Distinct ion	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. OPT	05	05	NIL	04	01	NIL	05	100

**RESULT(Course Wise)
(2nd Year)**

Course 2015-16 Batch	Total Student	Appeared	Distinct ion	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. EMD	13	12	01	04	06	NIL	11	91.66

RESULT ANALYSIS – June 2017 B,Sc., Examination**RESULT (Course Wise)
(1st Year) Fresher**

Course 2016-17 Batch	Total Student	Appeared	A Grade	B Grade	C Grade	D Grade	Total Pass	% age
I B.Sc. 2 nd SEM	111	109	01	08	39	20	68	62.38

RESULT ANALYSIS – June 2017 B,Sc., Examination**RESULT (Course Wise)
(1st Year)**

Course 2016-17 Batch	Total Student	Appeared	A Grade	B Grade	C Grade	D Grade	Total Pass	% age
I B.Sc. 1 st SEM	33	28	01	01	14	01	17	60.71

RESULT ANALYSIS – June 2017 B,Sc., Examination

RESULT(Course Wise) (1st Year)

Course 2012-13 Batch	Total Student	Appeared	Distinct ion	1 st Class	2 nd Class	Pass Class	Total Pass	% age
I B.Sc.,	07	02	NIL	NIL	NIL	NIL	NIL	00
Course -14 Batch	Total Student	Appeared	Distinct ion	1 st Class	2 nd Class	Pass Class	Total Pass	% age
I B.Sc.,	01	01	NIL	NIL	NIL	01	01	100
Course 2014-15 Batch	Total Student	Appeared	Distinct ion	1 st Class	2 nd Class	Pass Class	Total Pass	% age
I B.Sc.,	23	20	NIL	NIL	NIL	10	10	50.00
Course 2015-16 Batch	Total Student	Appeared	Distinct ion	1 st Class	2 nd Class	Pass Class	Total Pass	% age
I B.Sc.,	44	36	NIL	NIL	NIL	15	15	41.66

JSS Dental College

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
I BDS	86	19	42	34	-	95
II BDS	90	6	43	42	-	91
III BDS	94	-	19	74	-	93
IV BDS	88	-	41	50	-	91
MDS	31	3.22	-	-	-	96.77
PG Dip.	3	-	-	-	-	100
Ph.D.,	2	-	-	-	-	100

JSS College of Pharmacy, Mysuru

Title of the Programme	Total no. of students appeared	Division			
		Distinction %	I %	II %	Pass %
B.Pharm-I sem	100	22	49	13	84
B.Pharm-II sem	97	22	36	28	88
II B.Pharm	98	17.3	50	8.1	75.51

III B.Pharm	106	23.58	55.66	0.9	80.1
IV B.Pharm	76	27.6	63.1	3.9	94.73
I Pharm. D	29	51.7	31.0	-	82.7
II Pharm. D	30	43.3	53.3	-	96.6
III Pharm. D	29	44.8	48.2	-	93.1
IV Pharm. D	37	59.4	40.5	-	100
V Pharm. D	37	78.3	21.6	-	100
I M Pharm Pharmaceutics	19	31.5	68.4	-	100
I M Pharm Pharm. Quality Assurance	18	33.3	66.7	-	100
I M Pharm Pharm. Regulatory Affairs	18	66.6	29.4	-	94.4
I M. Pharm Pharmacy Practice	11	27	73	-	100
I M. Pharm Clinical Practice and Research	01	-	100	-	100
I M Pharm Pharmacology	09	11.11	88.89	-	100
I M Pharm Pharm Chemistry	1	100	-	-	100
I M Pharm Pharm. Analysis	10	30	70	-	100
II M Pharm Pharmaceutics	33	90.9	9.1	-	100
II M Pharm Pharm. Quality Assurance	15	100	-	-	100
II M Pharm Pharm. Regulatory Affairs	17	100	-	-	100
II M. Pharm Pharmacy Practice	07	100	-	-	100
II M. Pharm Clinical Practice and	03	100	-	-	100

Research					
II M Pharm Pharmacology	10	90	-	10	100
II M Pharm Pharm Chemistry	3	100	-	-	100
II M Pharm Pharm. Analysis	10	80	20	-	100
I D Pharm (Diploma)	62	4.8	54.8	35.4	77.4
II D Pharm (Diploma)	14	14.2	71.4	7.1	92.8

JSS College of Pharmacy, Ooty

Non Semester Programs

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
III. B. Pharm.	92	27	48	06	-	88.04
IV. B. Pharm.	92	37	39	--	-	82.60
I. Pharm.D.	30	12	17	--	-	96.66
II. Pharm.D.	27	13	14	--	-	100
III. Pharm.D.	28	15	12	--	-	96.42
IV. Pharm.D.	37	19	18	--	-	100
V. Pharm.D.	34	17	16	01	-	100
I. D. Pharm.	68	04	28	08		58.82
II. D. Pharm.	23	04	09	07		87
II. M. Pharm.	41	41	-	--	-	100
PG Diploma	31	14	17	--		100

Semester Programs (CGPA System)

Title of the Programme	Total no. of students appeared	Division				
		Grade 'O'	Grade 'A'	Grade 'B'	Grade 'C'	Pass %
I Semester B.Pharm. (Nov 2016)	98	--	4	37	17	59.18
III Semester B.Pharm. (Nov 2016)	98	--	11	37	10	59.18
II Semester B. Pharm.(May 2017)	88	--	13	36	28	87.5
IV Semester B.Pharm. (May 2017)	91	--	21	33	21	82.41
I Semester M.Pharm. (Nov 2016)	70	2	41	24	3	100
II Semester M.Pharm. (May 2017)	69	6	45	17	1	100

Faculty of Life Sciences

Title of the Programme	Total no. of students appeared	Division				
		O Grade	A Grade	B Grade	C Grade	Pass %
B.Sc.Biotech (II Sem)	30	-	6	9	8	76.67%
B.Sc.Biotech (IV Sem)	12	-	7	3	2	100%
B.Sc.Biotech (VI Sem)	09	2	5	2	-	100%

Title of the Programme	Total no. of students appeared	Division				
		O Grade	A Grade	B Grade	C Grade	Pass %
B.Sc.Micro (II Sem)	21	-	5	8	3	76%
B.Sc.Micro (IV Sem)	07	-	1	2	2	71.43%
B.Sc.Micro (VI Sem)	06	0	1	2	2	100%

Title of the Programme	Total no. of students appeared	Division				
		O Grade	A Grade	B Grade	C Grade	Pass %
B.Sc.Enviorn (II Sem)	10	-	1	5	2	80%
B.Sc.Enviorn (IV Sem)	05	-	5	-	-	100%
B.Sc. Enviorn (VI Sem)	03	-	3	-	-	100%

M.Sc. Results

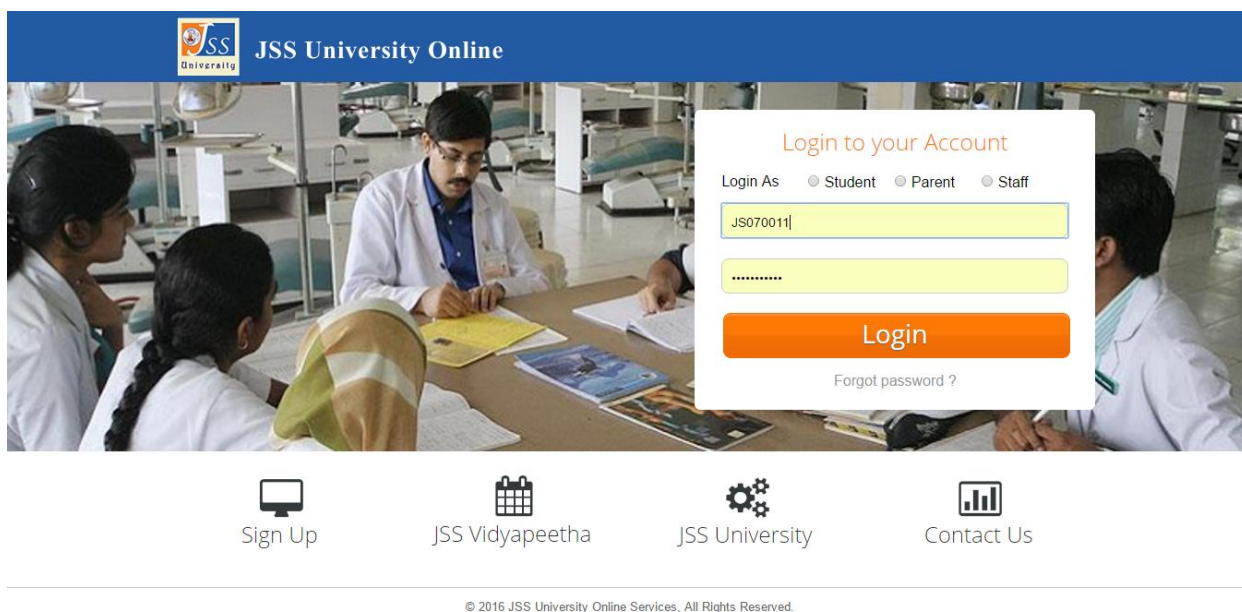
Title of the Programme	Total no. of students appeared	Division				
		O Grade	A Grade	B Grade	C Grade	Pass %
M.Sc.Enviorn (II Sem)	7	1	6	-	-	100%
M.Sc.Enviorn (IV Sem)	5	1	2		2	100%
M.Sc.Geoinformatics (II Sem)	12	-	2	5	5	100%
M.Sc. Geoinformatics (IV Sem)	1	-	1	-	-	100%
M.Sc.Cognitive Neuroscience (II Sem)	05	-	3	1	1	100%
M.Sc.Cognitive Neuroscience(IV Sem)	06	-	2	3	1	100%
M.Sc.Biochemistry (II Sem)	36	-	3	27	3	94.00%
M.Sc. Biochemistry (IV Sem)	17	-	5	11	1	100%
M.Sc.Molecular Biology (II Sem)	5	-	1	2	1	85%
M.Sc. Molecular Biology (IV Sem)	6	2	2	2	-	100%
M.Sc.Nanoscience (II Sem)	4	-	1	3	-	100%
M.Sc. Nanoscience (IV Sem)	1	-	1	-	-	100%
M.Sc.Nutrition&Dietitics (II Sem)	29		3	17	8	96.5%
M.Sc. Nutrition &Dietitics (IV Sem)	21	-	2	12	7	100%
M.Sc.Bioinformatics (II Sem)	8	-	6	2	-	100%
M.Sc. Bioinformatics (IV Sem)	9	3	6		-	100%
M.Sc.Medical Physics (II Sem)	1	-	-	-		100%
M.Sc.Medical Physics (IV Sem)	4	1	1	2	-	100%
M.Sc. Cosmetic Sciences (II Sem)	2	-	2	-	-	100%
M.Sc. Cosmetic Sciences (IVSem)	-	-	-	-	-	-
PG Dip Tissue Culture (II Sem)	-	-	-	-	-	-

Department of Health System Management Studies

Title of the Programme	Total no. of students appeared		Division					
		Distinction %	I %	II %	III %	Pass	Failed	Pass %
MBA-HA (IV sem)(July – 2016)	21		15	05	-		01	95.24
MBA-HA (III sem)(July – 2016)	6					6		100
MBA-HA (II sem)(July – 2016)	28	07	16	04	-		01	96.43
MBA-HA (Isem)(July – 2016)	03					03		100
MBA-HA (III sem)(Jan – 2017)	27	04	15	07				96.3
MBA-HA (I sem)(Jan – 2017)	33	09	17	05				93.94
MBA-HA (IV sem)(Jan – 2017)	01					01		100

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

The IQAC has been instrumental in developing and implementing the JSSUONLINE portal (<http://jssuni.edu.in/Login.aspx>) along with the IT Department, which is a single platform for staff, students and parents to login and view and participate in the entire academic program, attendance, assignments, tests, periodically assesses the feedback taken from the students, alumni, parents and faculty and suggests suitable changes to the academic section. The platform also provides digital content uploaded by the faculty in the form of presentations, videos, images or important URL related to the topic available to the students. The IQAC Monitors the overall usage of the platform and collects feedback and corrective action on the same.



The JSSUONLINE portal has now been implemented with more than 2500 students and 500 faculty enrolled into the system. Most of the feedbacks are taken online through SurveyMonkey and through JSSUONLINE portal of the University.





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TITLE	MODIFIED	RESPONSES	DESIGN	COLLECT	ANALYZE	SHARE	MORE
JSS Dental College - Alumni Feedback Created 05/31/2016	11/24/2017	43					...
MBBS Phase 1 Feedback (Course & Content) Created 04/14/2013	11/02/2017	35					...
Faculty feedback on Curriculum Created 06/03/2013	10/24/2017	65					...
JSS Medical College - Alumni Feedback Created 04/18/2013	10/22/2017	38					...
MSc Students Feedback Created 06/14/2013	09/21/2017	11					...
JSSMC - MSc students feedback on curriculum Created 06/02/2016	06/02/2016	0					...
JSS College of Pharmacy, Mysuru - Alumni Feedback Created 05/31/2016	05/31/2016	0					...
JSS College of Pharmacy, Ooty - Alumni Feedback Created 05/31/2016	05/31/2016	0					...
Copy of Alumni Feedback Created 03/08/2016	03/08/2016	0					...
Final Year Feedback Created 08/28/2013	12/29/2013	12					...
+ CREATE SURVEY							

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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 medical education technologies workshop for the faculty of JSS University and updates them on the various teaching – learning and evaluation methods. Separate Dental Education Units and Pharmacy Education Units have been established in the constituent colleges and many activities have been carried out under the independent units. The IQAC also works in coordination with the IT and a committee has been formed to develop online MOOCS courses to cater to a larger group of students through the SWAYAM platform of MHRD

The IQAC has been periodically conducting workshops under the banner of “*University Leadership Programs*” which are focused on themes like interpersonal relations, communication skills, conflict management and leadership qualities for the faculty of the university.



Picture: University Leadership Program held from 17th - 19th February, 2017

2.13 Initiatives undertaken towards faculty development⁰⁴

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	208
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	12
Faculty exchange programme	02 (with AIMST University, Malaysia)
Staff training conducted by the university	110
Staff training conducted by other institutions	57
Summer / Winter schools, Workshops, etc.	40
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	236	11	01	Nil
Technical Staff	150	16	Nil	Nil

Criterion – III

3. Research, Consultancy and Extension

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

The IQAC has revised the performance based appraisal system (PBAS) forms of the University with a greater emphasis on Category III which mainly focusses on research and its outcomes. The IQAC has also circulated amongst all faculty a list of predatory journals which should be avoided while submitting manuscripts for publications. Also a list of recommended specialty journals has been prepared and circulated to all departments for encouraging research in high impact and indexed journals. The same list has also been communicated to UGC

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.

Skills up gradation – 90 faculty have undergone Basic course workshop in Medical education technologies under the aegis of MCI. Six Faculty – ATCOM (Attitudinal and communicational Modules) training. Six faculties undergone revised basic course workshop. Two faculty have undergone ACME (Advanced Course in Medical Education) and 4 faculty are pursuing their FAIMER (Foundation for Advancement of International Medical Education and Research) Fellowship.

Regular communications are sent from Director (Research) of JSS University and JSS Medical College & Hospital about various calls for proposals under various schemes. Special interest groups have been formed to promote organized and structured research in thrust areas of the University.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	12	35	06	79
Outlay in Rs. Lakhs	202.33	1057.85	169.36	3370.76

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	13	43	01	07
Outlay in Rs. Lakhs	4.44	19.78	0.5	2.95

3.4 Details on research publications

	International	National	Others
Peer Review Journals	266	279	08
Non-Peer Review Journals	01	02	02
e-Journals	02	43	--
Conference proceedings	10	25	--

3.5 Details on Impact factor of publications:

Range A_v -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 (Lakhs)	Received (Lakhs)
Major projects	3	Global Asthma Network DBT HRD Cardiology Society of India VGST-SMYSR ICMR-under MHRD DST PHILIPS Bill and Melinda Gates Foundation Science and Engineering Research Board Colgate-Palmolive DBT- Ramalingaswamy Fellowship BIOCARE” Scheme of DBT for Women Scientists, 2016 DST-SERB, DBT, DRDO, DST-FIST	778.44	599.47 (received in 2016-17)
Minor Projects	2	RNTCP ICMR MCR IADVL-L’Oreal Florida International University, USA JSS University	30.98	15.02
Interdisciplinary Projects	3	Centre for chronic disease control SERB NIH ICMR	392.74	20.65
Industry sponsored	02	IADVL Colgate-Palmolive Company – CRO-2016-01-SA-PS Colgate-Palmolive Company CRO-2016-06-MICR-JSS-PS IADVL-L’Oreal Hair	97.91	90.46

		and Skin Research Grant Arjuna natural extracts pvt.ltdl		
Projects sponsored by the University/ College	05	JSS University	22.27	15.22
Students research projects <i>(other than compulsory by the University)</i>	1-3 years	CSIR, ICMR, DST, JSSU, TNPWST	9.70	6.15
Any other(Specify)	--	AICTE (GPAT)	--	3.6
Total	2016-17		1332.04	750.57

3.7 No. of books publishedi) 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

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	04	17	20	06	18
Sponsoring agencies	WHO, DST-SERB	MCI, JSSU, IPA Nilgiris Local Branch, DST SERB, ICMR, AICTE, DHR, AMI	ISG Karnataka chapter, MCI KCIAPM, JSSU, IPA Nilgiris Local Branch, IDA	JSSU	JSSU, IPA Nilgiris Local Branch

3.12 No. of faculty served as experts, chairpersons or resource persons 254

3.13 No. of collaborations: International 19 National 27 Any other 07

3.14 No. of linkages created during this year 17

3.15 Total budget for research for current year in lakhs :

From Funding agency 562.10 From Management of University/College 39.73
Total 601.83

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	08
	Granted	01
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	01

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
73	14	38	16	01	01	03

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

112

243

3.19 No. of Ph.D. awarded by faculty from the Institution 14

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

JRF 14 SRF 16 Project Fellows 16 Any other 04

3.21 No. of students Participated in NSS events:

University level	450	State level	02
National level	-	International level	-

3.22 No. of students participated in NCC events:

University level	-	State level	-
National level	-	International level	-

3.23 No. of Awards won in NSS:

University level	06	State level	-
National level	-	International level	-

3.24 No. of Awards won in NCC:

University level	-	State level	-
National level	-	International level	-

3.25 No. of Extension activities organized

University forum	05	College forum	26	
NCC	-	NSS	53	Any other 15

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility**JSS Medical College & Hospital, Mysuru**

- IBS awareness talk on FM Radio
- FIBROSCAN facility at Gastroenterology OPD
- Every year department of psychiatry will provide resource persons to address students who have joined recently in pharmacy college,ooty
- During the month of February and March department has provided resource persons to various schools and colleges to make students prepare to face exams,

institutions include JSS schools, Lions school, Maharani's government degree college, Chaitra PU college.

- Department has also provided resource persons to address about stress management in Administrative training institute, Nazarbad, Mysore.
- Department has provided resource person to NCC unit at Suttur school to address about Substance abuse disorder.
- Organising the Basic Life Support/Advanced Cardiac Life Support workshops for PGs, interns, AHS and UGs
- Organising Awareness of pain medicine among undergraduates and interns.
- 1. WORLD BLOOD DONOR DAY 2017 celebrations on 14.6.17
- 2. Voluntary blood donation day celebration on 1st October 2016
- 3. Lab Professional week celebrated on 27.4.17
- Ophthalmology conducted camps screening 6120 patients and operating 848 patients in one year
- Participating in the Health Check up camps organized by different health organizations in collaboration with JSS hospital.
- Regularly attending the orientation programme for doctors organised by JSS Spiritual Endowment Trust
- Participating in International YOGA day celebration
- Dept also takes care of Antenatal patients in the Urban Slum of Mysore at UHC – Bamboo Bazaar.
- Dept also conducts PPIUCD Training Programme for Medical Officers & Nurses of the PHC'S surrounding Mysuru
- 3 Geriatric camps were held at JSS Hospital, Shravana Belagola at Bahubali Hospital, Little sister old age home.
- Hand Hygiene day celebration on May 5th 2017
- Model making competition for MBBS students on October 2016
- **General surgery**
- organized guest lectures on Obstructive jaundice, Safe anesthesia, PET scan and Role of rifaximin in IBS & other infectious diarrhea by internal experts
- Also talks by external experts on the topics like Ulcerative colitis, Radiology in acute abdomen, Orientation to Medical Oncology
- Faculty of the Department of Surgery, JSS hospital in association with ASICON - 2016 conducted live surgical workshop of novel laparoscopic and open surgical techniques

WORKSHOPS CONDUCTED on Basic Surgical Skill Workshop, International Trauma Life Support; Basic course (ITLS)

Paediatrics:

- Attending various camps on a regular basis by all faculty members
- Regular Suttur and Chamarajnagar (JSSH) posting for all faculty members

- Active participation in MR Vaccine Campaign in February 2017. (as part of the National Program).

Pathology:

- National Cancer registry
 - Introduction of OSPE for UG students.
 - Collaboration with Tata Memorial Hospital for performing Immunohistochemistry in difficult cases at subsidised rate.
- #### Physiology
- Cultural committee – EBSB – Students exchange Programme.

Community Medicine:

- Comprehensive School Health Appraisal Programme covering 14,500 children
- Somashekhar and MalathiMunvalli health Awareness project for Rural Areas of North Karnataka
- Health awareness stall in SutturJatraMahotsava
- Medical Students Social Responsibility Initiative
- World Health Day – Depression Let's talk
- World Population Day – Family planning
- World No Tobacco Day
- World Malaria Day
- Breast Feeding Week Observation
- Two outreach health check up camps in tribal areas

JSS Dental College & Hospital

- ◎ **Camps in rural and tribal areas:** JSS Dental College and Hospital with fully equipped *Mobile Dental Clinic with a portable X – ray unit* is actively involved in extending basic oral health services to rural and tribal population while organizing regular treatment camps. We collaborate with many NGOs such as Rotary, Help Educate a Child etc, to extend these services. A total of 47 treatment and screening camps have been organized benefitting 5640 children, adults and elderly population.
- ◎ **School dental Health Programs:** Comprehensive oral health care services have been offered to children in JSS Residential School, Suttur, JSS High School, Bannimatap, Mysuru. Besides, regular oral health care is being offered to children in an orphanage run by Social welfare board, as well as for differently abled children at Sai Ranga School, Mysuru. Dental Health education on preventive practices aimed at moulding their life style at an young age is the striking feature of these programs. A total of 453 children were treated and 4877 children were given oral health education in last one year.
- ◎ **NSS activities:**

The NSS JSS Dental College unit participated in 7 days long National Integration camp organized jointly by JSS University and Govt. of Karnataka. 10 student Volunteers with one NSS programme officer participated in programme from 1st to 7th December 2016.

The Dental team received an award for their role in cleanliness of the camp. Mr. Karthik H.V was awarded the best NSS Volunteer of JSS University. NSS conducted an awareness programme on Digital payment and educated people about Digital mode of payments on 9th January 2017. In the month of March, the NSS volunteers visited special children home and distributed oral & general hygiene aids.

NSS conducted special camp from 13th to 19th march 2017 at Belagola. Every day around 50 NSS volunteers participated in the various Medical & Dental camps that were conducted. The volunteers also painted the school auditorium and walls contributing to the services to the government schools.

☉ **Dhantabhagya.**

A total of 222 patients were treated under this scheme. The principal along with co-ordinator of Dhantabhagya scheme had attended two video conferences with health secretary. A request was made to permit us include the patients reporting to college without reference. Approval was given for the same and the department is now including all the patients below poverty line under this scheme.

- ☉ **Model Health Village Program:** The JSS Mahavidyapeetha has adopted Suttur village under model health village program (MHVP). This has served as a model and many NGO's and governmental bodies have looked at this as a role model. JSS Hospital, Dental unit, Suttur is equipped with state of art equipments and facilities offering sophisticated dental services. Dental treatments are offered free of cost for the beneficiaries enrolled in the program and their records are maintained. In the year 2016-17, 150 .no.s were the beneficiaries.

- ☉ **KSRTC Healthy life style clinic:** First of its kind in the country where oral health care services are offered to KSRTC employees at their premises. The project aims to modify life style practices of these employees through intensive oral health education and providing treatment at the institution. JSS Dental College & Hospital has established a fully functional dental unit in this regard.

JSS Smile Clinic: The details of the multi disciplinary cleft lip and palate have been uploaded with photographs into the website. A menu has been created in the website with information regarding the bank details. A total of 35 have benefited.

☉ **Baby Oral health promotion Clinic:**

In the special clinic functioning on Monday and Thursday in the department of paediatrics around 1500 children aged 0 to 12 years were given age specific brushing demonstration, diet counselling and oral health education.

In Baby Oral health promotion clinic has extended its services. Oral health education was given to Paediatric nurses. Through Paediatric nurses we aim to provide age specific brushing technique and oral mouth rinsing for inpatient children.

Awareness campaigns: The Institution is actively involved in organizing many awareness campaigns such as World Health Day, World No Tobacco Day, World Oral Health Day, World Diabetes Day, Dentist's day, Oral Hygiene day, National tooth brushing day, National Public Health Dentistry Day etc. In all these campaigns, students and faculty actively get involved in creating awareness on causes for most common communicable and non communicable diseases highlighting simple self care practices aimed at their prevention and control.

Event	Date
World Health Day	08.04.2017
World No Tobacco Day	31.05.2017
World Oral Health Day	20.03.2017
World Diabetes Day	14.11.2017
Dentist's day	06.03.2017
Oral Hygiene day	August 2017
National tooth brushing day	07.11.2017
National Public Health Dentistry Day	19.06.2017

JSS College of Pharmacy, Ooty

S. No	Name of the program	Date and month	Outcome
1	Medicinal plants exhibition	19-21st May 2017	Information about nearly 100 rare medicinal species and their uses and the important phytoconstituents present in those plants were explained to the general public. The nutritive value of common fruits, pulses, cereals were also displayed and explained.
2	Medical Camp held at Kinnakorai Tribal Village	20 th August 2016	General Health Check-up and Dental Check-up by the Medical and Dental Teams Patient Counselling, Health Screening Activities by the Pharmacists Distribution of free medications for the common ailments
3	Medical Camp held at Nedukalcombai Tribal Village	3 September 2016	
4	Medical Camp held at Bennai Tribal Village	8 April 2017	

JSS College of Pharmacy, Mysuru

- National Integration Camp 1st Dec 2016 to 7th Dec 2016
- Plantation Programme
- Blood Donation Camp
- Health Camp
- Dental Check-up camp
- Ayurvedic Camp
- Swatch bharaat
- Digital Campaign

Department of HSMS

Swachh Bharath Mission – School premises cleaning campaign at Govt. School in Bannimantap, planting of saplings and donation of two water tanks during December 2016

Under NSS (university dept.) Blood donation camp was organized during November 2016. Students and faculty donated blood during the camp

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total Lakhs
Campus area	JSSMC – 48628.20 sqmtrs JSSDC – 17554.74 sq.mtrs JSSCPM - 20097.94 sqmtrs JSSCPO – 37932.76 sqmtrs	-	-	-
Class rooms	JSSMC –76 JSSDC – 06 JSSCPM - 08 JSSCPO – 06 FLS – 13 DHSMS - 03	JSSCPO – 01 FLS - 03	JSS University	10
Laboratories	JSSMC – 24 JSSDC – 19 JSSCPM - 24 JSSCPO – 18 JSS FLS – 05	JSSMC-04 JSS FLS- 02	JSSMC- CDSA	50
Seminar Halls	JSS MC- 23 JSS DC – 09 JSS CPM-09 JSSCPO- 01	JSS MC -02	JSS University	-
No. of important equipments purchased (\geq 1-0 lakh) during the current year.				
JSSMC	5	28	CDSA, VGST	13.00
JSSDC	-	-	-	-
JSSCPO	-	1	DST, FIST	1
JSSCPM	60	-	-	60
FLS	-	4	-	-
Value of the equipment purchased during the year (Rs. in Lakhs)				
JSSMC		Chemiluminescence Immunoassay – Rs. 20.00 Anarobicgas station Rs. 5.00 Rs. 25.00 Rs. 9.59		13.50
JSSDC	-	2.55	Self	2.55
JSSCPO	-	80.00	DST, FIST	80.00
JSSCPM	183.21 Lakhs	-	-	183.21
FLS	-	10	-	-
Others				
JSSMC	1 IHC reagents (2 Lakhs)	Automated grouping machine on rental basis		
JSSDC	-	-	-	-

JSSCPO	-	-	-	-
JSSCPM	2 (Auditorium,Exam Hall)	-	-	2
DHSMS	02 projectors, 23 systems	03 Computers, 01 laptop, 01 projector	JSS University	26 systems, 03 projectors, 01 laptop

4.2 Computerization of administration and library

The University has implemented the indigenously developed online cloud based software which has the following modules

1. Employee/Faculty Profile
2. Digital Content Module
3. HRMS
4. Research Profile
5. Leave module
6. Library module
7. Student Profile
8. 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	19696	271.58	1042	14.20	20738	286
Reference Books	34500	455.26	1730	38.20	36230	493.46
e-Books						
JSSMC	621				-	-
JSSDC	67	14.64	-	-	-	14.64
JSSCPO	500	0	500	0	500	0
JSSCPM	359	-	-	-	359	-
Journals	417	580.14	277	118	4448	698.14
e-Journals						
JSSMC	1118				-	-
JSSDC	67	-	-	-	-	-
JSSCPO	653	13.45	653	4.65	653	18.10

JSSCPM	1583		1646		3229	
Digital Database						
JSSMC	Clinical Key and Scopus online full text database					49.51
JSSDC	2	20.81	-	11.84	-	32.65
JSSCPO	3	14.48	2	1.89	5	16.37
JSSCPM	7		8		8	
CD & Video	3314	96942	142	-	3456	0.97
Others (specify)						
• Audio cassettes	05	6600.00			05	6600.00
• Slides	05	7400.00	-	-	05	7400.00
• Charts/posters	168	93380.76			168	93380.76

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	498	27	1GBPS connection from BSNL connected to all systems	Wi-Fi campus. Can access internet anywhere	04	76	303	76
Added	160	-			02	14	134	14
Total	658	27			06	90	437	90

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

JSS MC

1. JSS U online Training
2. JSSU Website training
3. Digital Class room Training (Smart Class)

JSSDCH

The library has digital section and Wi-Fi facilities are available throughout the campus for the students and faculty. 10 new computer systems were added to the e-library during 2016-17. There is also a smart class room facility. The faculty and students are constantly upgraded on the available facilities through training/orientation programmes.

The hospital having health care system software, all the departments have been equipped with computers and thin client to enter data in to the software including Wifi facilities.

The use of Tally software across all sections has enabled easy accounting and auditing.

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

The leave applications and sanctioning has been carried out through JSSU online portal. Majority of communication to the university is through e-governance.

JSSCPO

The ICT enabled teaching workshop was conducted on 6th February, 2016 for the faculty members. The aim of the workshop was to make best use of technology in teaching learning methodology.

DHSMS

Tally ERP 9

Workshop conducted by JSS University

Workshop on JSSU online portal launch for all staff

4.6 Amount spent on maintenance in lakhs:

i) ICT

86.27

ii) Campus Infrastructure and facilities

1315.51

iii) Equipments

349.5

iv) Others

89.44

Total :

1840.72

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

To enhance awareness about student support services the IQAC conducts one session during the induction programme about student support services. The IQAC is interwoven with all the committees in the respective institutions and in all the management level meetings and provides inputs on academic, administrative, research and infrastructural needs for the University. 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 has been instrumental along with the Information & Technology (IT) team of JSS University to bring JSSUONLINE platform to students where in many of academic their needs are met.

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 through the portal <http://www.jssuni.edu.in/alumni/>. 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. Also two of the constituent colleges have subscribed to an alumni network portal www.vaave.com and have created a vast alumni database and track the progress made by the alumni.

Institution's efforts in tracking the progression are continuous and retrospective. Institution has systematic, aggressive and 360⁰ 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

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2984	1568	260	105

(b) No. of students outside the state

2318

(c) No. of international students

144

No	%
2112	46.45

Men

Women

No	%
2434	53.55

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2003	79	27	966	01	3075	2083	107	27	1211	01	3428

emand ratio 1:10.7

Dropout % -0.4%

D

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

- The 'Higher Education Committee' comprising of faculty members train the students for competitive examinations with both internal and external subject experts.

No. of students beneficiaries

720

5.5 No. of students qualified in these examinations

NET

01

SET/SLET

03

GATE

07

CAT

01

IAS/IPS etc

02

State PSC

01

UPSC

01

Others (PG Entrance)

64

5.6 Details of student counselling and career guidance

- 30 Pharm.D students and 95 M.Pharm students were provided training in the following topics for a period of 8 weeks. The program was conducted by Arivu India, Bangalore, In Business correspondence, English language usage, Presentation skills, Body language, Team skills, Time management, Leadership, Assertiveness, Creative thinking, Group discussions, Personal interview.
- Separate committees have been functioning for student counselling and placement with staff members
- The counselling committee supports the students for their professional issues and personal issues
- Every faculty member acts as a mentor and counsel the students on one to one basis
- The Placement committee liaises with employers for both campus placement and off campus placement.

GnanaDegula – 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

JSS Medical College has a Student Counselling Centre which is equipped with two professors, 2 assistant professors and two clinical psychologists. They provide consultation on 2nd and 4th Friday of every month. It also provides various career opportunities to the outgoing students.

JSS MEDICAL COLLEGE
(Constituent College)
Jagadguru Sri Shivarathreeshwara University
(Deemed to be University), Accredited 'A' Grade by NAAC

Students Counseling Centre

Just feel free on Friday

Any JSSMC students may meet any of the following members to seek counseling on academics/personal or any other issues between 3 and 4pm every Friday

Dr. Renuka M - 9845322452
Dr. Prashant Vishwanath - 9740400007
Dr. Parveen Dodmani - 9535721004
Dr. Praveen Kulkarni - 9008926878

Also Clinical Psychologists
Dr. Nawab Akthar Mob: 8792384587
Ms. Halceunnisa Mob: 8088588415

will be available on 2nd and 4th Friday of every month between 3 and 4 pm in the college (Near MEU, 2nd Floor).

Students can also meet consultants if necessary at
(Department of Psychiatry)
JSS Medical College & Hospital
Ph: 0821-2335188

JSS Dental College: Career Guidance lectures have been organized by our Alumni working abroad on the 7th February 2017. The program involved both out bound exercise, presentations, team work and group discussion, which helped the students to improve their communication and presentation skills.

No. of students benefitted

456

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
31	258	139	69

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.

A Women's' Grievance Committee & committee for preventing of sexual harassment has been formed at the constituent college level. This committee organizes programs aimed at empowering women faculty on regular basis.

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	--	--
Financial support from government	87	37.50 lakhs
Financial support from other sources	41	78.58 Lakhs
Number of students who received International/ National recognitions	Nil	Nil

5.11 Student organised / initiatives

Fairs	: State/ University level	05	National level	01	International level	00
Exhibition:	State/ University level	04	National level	00	International level	00

5.12 No. of social initiatives undertaken by the students 77

5.13 Major grievances of students (if any) redressed:

The student's 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:

To provide education that helps transformation of individuals and society

Mission:

The Mission of Jagadguru Sri Shivarathreeswara University is to expand the boundaries of education and to make the most amazing learning possible by:

- Providing superior undergraduate, graduate and professional education to its students.
- Developing and advancing the talents of students to create applicable knowledge.
- Nurturing translational and transformational research that benefit the society.
- Inspiring to excel in health sciences delivery and care.

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 and is available at <https://jssuni.edu.in/Common/Login.aspx>

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:

- Shift from annual system to CBCS pattern for courses whose curriculum is not mandated by regulatory authorities.
- 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 across the institutions. 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)
- Dental Education Unit (DEU), Centre for continuous learning for professional excellence (CCPLE) was inaugurated on 12 May 2017.
- 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 by posting of students to satellite clinic and to participate in outreach programmes like oral health camps , awareness campaigns and school health programs as a part of the curriculum
- 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
- Online sharing of digital content through JSSU ONLINE platform which allows the students to seamlessly access the course materials uploaded by faculty

Additionally the constituent colleges have taken the following measures to enhance teaching learning process

JSS Medical College

Biochemistry - 32 Modules in Problem based Learning have been implemented in Biochemistry as PBL Sessions

Anatomy - Video assisted learning of gross anatomy, Peer Assisted Tutorials, Peer Assisted one to one learning to facilitate learning of under achievers, Mentoring for students, Interactive large group teaching methods, Horizontal integration for first year subjects, Procedural training in Anatomy beyond see one do one.

Physiology - MCQs discussion during tutorials and Vertical integrated teaching.

Microbiology - Model making competition for Undergraduates, Faculty seminars & journal clubs

Pharmacology - 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. In Pathology Rapid biopsy review introduced for post graduate students, Group discussion for post graduate students (Section wise), Assignments for slow learners and repeaters.

Ophthalmology -Wet Lab - for surgical techniques with microscopes and microsurgical

Radiology - Case of week-New concept of electronic display of case of week in the museum on the television has been introduced, Poster Display- Educational Posters are Displayed in the CT Corridor regularly, **STAR** (Specialized Training in Advanced Radiology) program is conducted once every month, Expert external faculty from various prestigious institutes are being invited on quarterly basis to conduct sessions for Postgraduates. Mentorship program has been initiated in order to mentor postgraduates with academic guidance including improvement in the research and publication credentials of the department.

Orthopaedics - Annual Event - Mysore Orthopaedic Course for Exam going Orthopaedics Post Graduate students

- Monthly rosters for theory classes, Block rounds, area postings and grand rounds are prepared and notified, Journal Club, Seminars are conducted every week, Pedagogy has been introduced to discuss important and relevant topics.
- All fourth term students are thought doctor patient relationship through role plays, Third term students are given lecture on creativity in medicine.
- Piloting of Whats app based instructional methods in Family Health Advisory Survey to 4th term MBBS students. Participatory Learning for Action strategy for village survey for Undergraduate students.

JSS College of Pharmacy, Mysore

- Simulation Laboratory for Pharmacy Practice Students
- Webinars and teleconferences
- Guest lectures
- Practice school
- Innovative teaching pedagogies like mind mapping, quizlet, flashcards are used for teaching and learning to enhance the active learning and make learning an enjoyable experience for our students.

Academic audit: Apart from ISO academic and administrative audit, JSSU introduced academic audit with objective of reviewing/supervising the academic standards of constituent colleges and departments of university.

JSS College of Pharmacy, Ooty

- ‘Integrated Teaching’ has been introduced to give a comprehensive exposure to the students on selected topics (viz. Cardiovascular diseases, Renal diseases) through module teaching of these concepts for the subjects: Pathophysiology, Pharmacology and Pharmacotherapeutics. This modular teaching was followed by case presentations by students and the same was evaluated by physicians, nurses and the respective teachers.
- ‘Mind Mapping’ has been done on various topics to summarize the vital points of a particular topic through active participation of the students.
- ‘Simulation Labs’ activities have been strengthened to the Pharm.D. students to improve their skills towards various pharmaceutical care services. A mock community pharmacy has been set up and the simulation lab activities were recorded digitally. Then, the teacher used to replay video to assess the activities and discuss with the students.

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.
- Objective Structured Clinical Examinations (OSCE) has been introduced to the V year Pharm.D. students as a part of their formative assessments. Two such examinations were conducted in the academic year 2015-16 and the average marks had been included in their internal assessment marks. Prior to that, workshops, orientation sessions and mock examination was conducted to familiarize the concept among the teachers and students.
- Online MCQ tests have been introduced through the learning management system portals 'JSSUONLINE' and 'E-LEARN'.
- The clinical pharmacy activities of the Pharm.D internship students were documented and evaluated through a log book. In the last quarter of academic year 2015-16, i.e., from April 2016 to June, 2016, a web based documentation and evaluation software, 'PharmAcademic' one of the widely used software by the universities at United States has been subscribed and used. The same has been continued in the academic year 2016-17
- 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.
- OSPE and MCQs added to formative assessment for MBBS Course
- Open book test to improve writing skills for BSc Allied Health Sciences courses
- Analysis of university anatomy question paper to improve quality and rectify item writing flaws
- Feedback taken from External examiners and students regarding the examination for both UG and PG courses
- Monthly Internal Assessment for PG's
- Quarterly Refresher Curriculum(Exam oriented)
- Topic wise & monthly theory exams are conducted with double valuation for MBBS course
- JSSDCH has introduced MCQ in the internal assessment examination for all the years of BDS course both for Internal and Final assessment examination for RS-1 scheme of 1st year of BDS course 2016-17

6.3.4 Research & Development

- Publication policy, Antiplagiarism policy and patent policy are introduced from this academic year to bring quality publication, innovative and patentable research in the institution.
- Two days workshop on Basics of Research Methodology and statistical analysis using SPSS was conducted and 30 faculty members across Medical and Dental College participated.
- There is a regular sensitization of faculty to submit research proposals for different funding agencies and there has been a steady increase in the number of projects submitted for funding.
- Industry sponsored research projects have been carried out at PG and Ph.D. levels.
- The MSc course curriculum is designed to involve extensive research exposure to students. To promote the research acumen in students, generous funds were released to faculty members towards purchase of chemicals to support semester project for these students.
- Additionally, for the first time, UG students were also encouraged to carry out research and this year saw the participation of UG students in research activity during the summer break.
- There has been a substantial increase in the number of papers published in high impact journals like The Lancet with an impact factor of 44
- Collaborative project with King's Georges Medical college and NIMHANS is being conducted for Consortium on vulnerability to externalizing disorders and addictions (C- VEDA)
- **Research Coordination Committee (RCC)** is constituted in the institution to initiate, conduct and monitor research activity.
- Establishment of MoU with
 - National and international universities
 - Research organisations and
 - Pharma Industries
- The University has subscribed to www.grammarly.com to enable faculty and students to check the language of the scientific content of projects and publications

6.3.5 Library, ICT and physical infrastructure / instrumentation

- **Library information system:** Realizing the importance of strong and active learning resources, the university has allocated 5% of the budget annually for the procurement of new titles and subscription of databases and journals. The strengthening of library infrastructure in terms of ICT enablement is a continuous process in the institution plans.
- **JSSU Online:** The web based educational portal is introduced to the benefit of our students. This is an effort to support active learning and pedagogical innovations to learning an enjoyable experience for our students. It is a Cloud based IT framework called JSSU Online through which we are now able to deliver our Educational resources to students anywhere and anytime on any computing device. This portal envisaged to provide a host of capabilities around educational resource delivery in a phased manner as part of our IT Roadmap.
- 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.
- 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 software 'PharmAcademic' has been subscribed for the documentation and evaluation of clinical pharmacy activities of Pharm.D. interns and clerkship students.
- The university has subscribed to Online video conferencing website www.zoom.com for conduct of online seminars and webinars and video conferencing
-

6.3.6 Human Resource Management

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

The revised 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 are used for career advancement and general assessment of the performance of the faculty. The minimum scores as prescribed by UGC for career advancement are implemented to ensure recognition of faculty.

There has been a shift to e-governance mode and the entire leave management system has been made online. All faculty details are maintained online including their research profile. An online PBAS is being created which will be directly available to the faculty. E-tapal facility has also been introduced to facilitate e-governance

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.

Reputed faculty with academic and research experience are appointed for supernumerary posts in some departments to encourage research and academics. Vacancies are advertised in leading English & Kannada newspapers and all attempts are made to fill in vacancies if any.

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 National Eligibility cum entrance test (NEET). The NEET-UG is conducted by the Central Board of Secondary Education (CBSE) and NEET-PG is conducted by the National Board of Examinations (NBE)

Admission of the Dental and Pharmacy courses is through a merit process based on the NEET ranking of the student. 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 and henceforth all applications are being received online

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 expert committee consisting of recognized experts from various disciplines conduct academic audit periodically apart from MCI, DCI, PCI, ISO, NBA, AICTE, NABL, NABH& ACPE	Yes	Director (Academics), JSS University along with the principal and IQAC members 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 1st 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)
- 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.
- All PhD thesis are being submitted to Shodhganga@INFLIBNET portal and the examination section has a licensed version of turnitin software and all PhD thesis are scrutinized for Plagiarism before uploading into the national portal

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
- The Deans/Principals also have autonomy on starting of new courses and academic activities

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, academic council 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 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 JSSUONLINE portal
- 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
- A one day programme on soft skills was organized for non-teaching staff

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
- Energy consuming (heating as well as cooling) equipment's 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.

JSS Medical College

- Integrated teaching and inter-departmental seminars
- Use of ultrasound machine for regional nerve blocks and central neuraxial blockade which has improved the safety of the procedure.
- Use of video-laryngoscope and Flexible intubating video endoscope for airway management.
- Use of mannequins to train undergraduates and junior residents in venepuncture.
- Involvement of other departments and faculty members from other institutes for moot court.
- Task assigned to student at random ,to prepare photographic models of the topics allotted, to be mounted in the photography museum.
- Group discussion for PGs.
- Webinar:Video conferencing: Web-learning: Difficult case discussed with peers with the aid of clinical photographs and videos in addition to reports sent over email.
- Hands on training in latest equipment's with advanced technology like FFA, OCT, Laser, USG and Fields.
- Training in screening for ROP (Retinopathy of prematurity) in preterm babies.
- Integrated teaching :
 - Endo nasal DCR with ENT department.
 - Orbital injuries repair with Faciomaxillary surgery department.
 - Ocular Reconstruction surgeries and tumour excisions with help of plastic surgery department.
 - ROP screening with neonatology.

Student Assessments

- Periodic evaluation of students by means of case based questionnaires, Quiz, Panel discussion etc.
- Basic science exam for 1st year PGS.
- Mock exam for Final year PGS.
- Regular assignments in the form of question and answers for Diploma candidates.

Good community in reach programmes:

In the form of:

1. Eye screening camps.
 2. General Camps
 3. Senior Citizen camps.
 4. School health screening programmes.
 5. Diabetic retinopathy screening camps.
- Implementation of drug station in UG pharmacology practical curriculum
 - Understanding and reproducibility of the drug profile more efficiently compared to earlier practice of didactic lectures.
 - Drug mechanistic based crafting of models during pharmacology practicals by UGs
 - Students could remember and reproduce various difficult mechanism relation drug information.
 - Model making competition for UG students has been introduced to facilitate learning & creativity. Learning by playing games

General Surgery

- In the Hernia Clinic/ Camp recently conducted by the Department of Surgery there were 118 OP registrations, out of which 23 were converted into in-patients and underwent subsequent surgery.
- Planning to conduct a thyroid camp in the near future.
- Planning to conduct CMEs involving faculties from various establishments.

Paediatrics:

- Neonatal screening - **Metabolic**, ROP, Hearing
- Objective evaluation of PG performance in teaching program followed by corrective measures.
- Oral Health Promotion Clinic

Pathology

- Rapid biopsy review for PG students introduction of new IHC markers for PG training CPC by PG students.
- Assignments for slow learners in MBBS and repeaters in MBBS.

Anatomy:

- Histology CD- Histology learning made easy.
- Plastinated specimens for teaching & learning
- Mind mapping in dissection
- Modified team based learning in histology practical's

JSS Hospital

- Morning report in Emergency Department
- Anti-coagulation Clinic
- Interdisciplinary meeting
- IBD Clinic
- Pancreas clinic
- Liver Clinic
- Fibroscan
- Integrated teaching

POLICY ON INTIMATION OF CRITICAL IMAGING WAS INTRODUCED

Critical Results require immediate communication to the referring clinician, or other care team member who can initiate the appropriate clinical action for the patient.

A policy was introduced in the Department of Radiology to report all the critical radiology findings to ensure that correct results are reviewed and recorded on priority.

Orthopaedics:

- Cadaveric Dissection for PGs
- Dermatology:

Community projects [Camps, public awareness programmes]

- Suttur Residential School and PHC – weekly twice (Monday and Saturday)
- Urban health centre – weekly once (Friday)
- World Vitiligo Day was conducted on 25th June 2016 at JSS Hospital in the form of a poster competition with active participation from the JSS Pharmacy, nursing and Ayurveda students and staff. These posters spread awareness about the disease in form of myths, facts and various treatment options available.

Biochemistry

- Initiating the process of establishing the centre for medical genetics & counselling (CMGC) at JSS Hospital

JSS Dental College & Hospital**1. Computer Assisted Teaching and Learning In Practical Halls**

The use of artificial teeth has been the chief pillar for learning dental anatomy as a teaching method. As anatomy learning strongly depends on images and diagrams, it is particularly amenable to the use of video aids. The computer make more interesting for students by means of multimedia presentations.

All the laboratories have LCD projectorswith stand mounted cameras.

- 2. Model making & chart making competition for Undergraduate & Post graduate students.**
- 3. Seminar, journal club evaluation of postgraduate students by faculty.**
- 4. Biometric attendance system in the institution**
- 5. Proposal to start innovative courses/programmes like**
 - a. Dental operating room assistance course.
 - b. hospital management course for BDS students.
- 6. Change of library books issue timings.**
- 7. Availability of entrance exam based books.**
- 8. Contacting alumni studentsworld wide to form a guidance cell.**

JSS College pf Pharmacy, Mysuru

- Introduced credit based semester scheme for M Pharm
- Introduced residency program in oncology pharmacy
- Vertical mentorship for assessing students' academic performance
- Renovation of Pharmacology UG and PG Lab with facility for cell culture studies
- Renovation of Gallery Hall
- Short term Industrial training to faculty members

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

Action Taken Report

- Formation of Policies for Academic Integrity, Anti-Plagiarism policy, Publications and Patents Policy & IT Policy for JSS University
- Revision of strategic plan 2016-2020 with Key Performance Indicators for all the constituent colleges
- Infrastructure upgradation with construction of a new Guest house with 36 rooms within campus, renovation of oral medicine and orthodontics department of dental college, Pharmacy practice Department at JSS College of Pharmacy, Mysore and library and toilet facilities at JSS medical college.
- Formation of campus maintenance committee to oversee the developmental activities of the campus.
- NEW CAMPUS - About 101 acres of land has been acquired by JSS University at VarunaHobli, Mysore district for development of new University campus. Proposals have been submitted by architects for the development of the campus.
- NIRF Rankings - JSS University has been ranked at 45th Place in National Institutional Ranking Framework 2016 Rankings in the overall University category. The JSS College of Pharmacy, Ooty was ranked at 18th Place and JSS College of Pharmacy, Mysore was ranked at 10th Place in the Pharmacy colleges in India.
- ACPE Re-accreditation - The PharmD Program has been reaccredited by ACPE. JSS University is the second university outside the USA to be accredited by ACPE accreditation for its Pharmacy programs.
- NABL Accreditation for Drug Testing Laboratory has been obtained for a period of two years.
- NABL Accreditation for HIV Testing Laboratory, Department of Microbiology
- MoU signed with M/s. Global Hospitals, Chennai
- The online portals 'JSSUONLINE' and E-LEARN' have been developed and launched to support ICT enabled teaching and learning.
- Objective Structured Clinical Examination (OSCE) has been successfully implemented in the formative examinations.
- Auditorium at JSS College of Pharmacy, Mysore has been renovated
- Renovation of Cosmeceutics and Quality Assurance laboratory completed and instruments are procured for cell biology lab
- Introduced credit based semester system (CBCS) for B.Pharm programme.
- Starting of DM (Nephrology) Course at JSS Medical College
- New PG diploma program in Medical Devices has been started
- 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

- A list of diagnosis that needs to be intimated as critical information was displayed in every Laboratory/Department.
- The registers are maintained for every critical value noted.
- A process to improve the ability for tracking information and communication was introduced by the policy on intimation of critical imaging.
- Provided separate room for administering regional anaesthesia for surgery
- Purchased mannequins for training of phlebotomy for undergraduates and AHS
- Exposure to Musculoskeletal Anatomy by Dissection of dead bodies in Anatomy Department to train new Post Graduate Students
- Upgradation of Central Animal House
- Organized an International Conference on the Healthcare and Pharmacy

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

Annexure iii

****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 bharatAbhiyan 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 LED lamps in the campus. All new installation are LED lamps and existing ones are being replaced with LED bulba
- “Green Campus” initiative involving students involvement in cleaning of campus and plantation of saplings
- Presentation of saplings instead of garlands and bouquets at CME’s and Conferences
- E-TAPAAL - Through JSSUONLINE and E-TAPAAL has been introduced wherein all communication can be made to the faculty electronically reducing paper prints.
- Tree plantation at burial grounds

7.5 Whether environmental audit was conducted? Yes ☐ No ☒

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

Strengths:

- The University has been consistently ranked among the top 50 Universities in the Country in the NIRF Rankings 2016 and 2017. It has been ranked among the top 5 Health Science Universities in the ranking.
- The Two Constituent Pharmacy colleges have been consistently ranked within the top 20 colleges for the past two NIRF Rankings
- Good Governance and Leadership
- Updated infrastructure with latest equipments
- Extracurricular and co-curricular activities are expanded and encouraged.
- Enhanced research output through PhD and grants.
- Student support mechanism.
- Outreach programs with high societal impact
- Green campus which has been ranked first by local district civic authorities during dussera festival.

Weakness:

- Hostel facilities needs to be upgraded
- Limited Indoor and Outdoor sports facilities both for faculty and students.
- Lack of exemplary innovations.
- High attrition among junior faculty in the clinical services
- Involvement of students in decision making process is inadequate

Opportunities:

- The opportunity to enlarge staff expertise in order to increase the range of academic and research activities.
- Willingness of the faculty to undergo training and development.
- Involvement of alumni in the activities and updating the news and events.

Threats:

- Attrition of good faculty.
- Unforeseen changes in work ethics due to cross cultural behaviour.
- Frequent changes in the policies of regulatory authorities and interference of civic courts

8.Plans of institution for next year

- The university plans to start development of the Varuna campus and shift some facilities to the new campus
- Starting of new courses/expansion of existing courses
- Starting of Online MOOCS to increase student strength and maximise revenue through available resources
- To establish an audio visual studio to record the video lecture of the faculty members
- To improve the governance and revenue from JSS Hospital
- Strengthening the digital library with more resources and open access to the students
- To introduce credit based semester scheme for M Pharm
- To introduce residency program in oncology pharmacy
- Renovation of Pharmacology UG and PG Lab with facility for cell culture studies
- To complete the construction of staff quarters and Foreign students Hostel
- Short term Industrial training to faculty members
- To start new certificate and PG diploma programmes in healthcare

*Name*Dr. Prashant Vishwanath

Name Dr. B. Suresh

Signature of the Coordinator, IQAC

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
