

JSS Academy of Higher Education & Research



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

 0821 – 2548400, Fax: 0821 – 2548394, E-mail: iqac@jssuni.edu.in

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

Prepared by

INTERNAL QUALITY ASSURANCE CELL

(PERIOD – July 2017-June 2018)

Submitted to

National Assessment & Accreditation Council

P. O. Box No. 1075, Nagarbhavi

Bangalore -560072, Karnataka

India

The Annual Quality Assurance Report (AQAR) of 2017 - 18

Part – A

1. Details of the Institution

1.1 Name of the Institution

JSS Academy of Higher Education &
Research

1.2 Address Line 1

JSS Medical Institutions Campus

Address Line 2

Sri Shivarathreeshwara Nagar

City/Town

Mysore - 570015

State

Karnataka

Pin Code

570015

Institution e-mail address

registrar@jssuni.edu.in

Contact Nos.

+91-821-2548400

Name of the Head of the Institution:

Dr. B. Suresh

Tel. No. with STD Code:

+91-821-2548391

Mobile:

+917022003990

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)*

31st Meeting of the Standing Committee
held on 06/08/2018

1.5 Website address:

www.jssuni.edu.in

Web-link of the AQAR:

www.jssuni.edu.in/iqac/aqar-2017-18

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	A ⁺	3.47	2018	2023
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)*

2017-18

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 2016 – 17 submitted to NAAC on 05-12-2017
- v. 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 :

15

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

- Workshop on Revised Accreditation Framework of NAAC
- University Leadership Conclave
- Workshop on Revised Performance Based Appraisal System and Career advancement system
- Orientation program for newly inducted teaching faculty of JSS AHER
- Workshop on soft skills for Non-teaching faculty

2.14 Significant Activities and contributions made by IQAC

The internal quality assurance cell (IQAC) of JSS Academy of Higher Education & Research 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 2nd cycle of reaccreditation of JSS Academy of Higher Education & Research (JSS AHER) by NAAC. The IQAC is instrumental in collecting, analysing and acting on the feedback reports from key stakeholders like students, parents, alumni and faculty. These reports are shared in the respective college council meetings and displayed on the website.

The Bureau of Quality and Statistics (BQS) collects and collates data for the participation in various National and International rankings and JSS Academy of Higher Education and Research has been placed in the 401-500 Band by the Times Higher Education in the World university Rankings. The University has also been placed in the 251-300 rank category in the area of Clinical, Preclinical and Health. The JSS AHER has constantly strived to maintain its position in the top 50 Universities of the Nation and has been ranked at 37th place in the NIRF Rankings 2018. The deemed to be University has also secured four-star rating from Quacquarelli Symonds (QS).

The IQAC has conducted external Academic and Administrative Audits (AAA) from the 9th to 11th of October 2017 by an external peer team consisting of eminent members like Prof. S. Rangaswami, Professor of Eminence and Former Vice Chancellor, Sri Ramachandra University, Chennai, Dr. M. D. Karvekar, Director (Academics), Krupanidhi College of Pharmacy, Varthur, Bengaluru, Prof. N. Anand, Emritus Professor, Centre for Advanced Studies in Botany, University of Madras, Chennai and Dr. S. Ramachandran, Former Principal, RAGAS Dental College, Chennai

The AAA report was placed in the IQAC meeting and is also annexed as ANNEXURE I and a detailed action taken report based on the recommendation of the AAA peer team has been placed below

The IQAC regularly conducts annual Internal 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 also participates in the Campus Maintenance Committee and facilitates the Green Audit of the Campus and monitors the action taken report. To make the campus environment friendly, bicycles have been introduced for movement inside the campus.

The IQAC has been instrumental in preparation and submission of the self-study report (SSR) of the Deemed to be University for the second cycle of Assessment and Accreditation by NAAC as per the revised Accreditation Framework Guidelines of July 2017. The Institutional Information for Quality Assessment (IIQA) was submitted on the 8th of December 2017 and the SSR was submitted online on the 16th of January 2018. The data validation and verification process was completed by the end of May 2018 and peer team visit was awaited for final assessment and accreditation

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. Conduct of internal Academic Audit	The IQAC in consultation with the constituent colleges planned and prepared a schedule for the Internal Academic Audits of the Constituent colleges and University Departments. The exercise was to prepare the departments and the colleges for an external AAA which was scheduled from 9 th to 11 th of October
2. Academic & Administrative Audits (AAA) – External	A peer team group consisting of four eminent professors and a former Vice Chancellor as Chairperson of the Committee, visited the University and its constituent colleges/Departments and evaluated the departments based on the inputs provided and the action taken report. The committee also investigated the previous NAAC peer team report and the action taken report prepared by

3. Evaluation of Performance Based Assessment Scheme (PBAS) for Faculty of JSS University	the IQAC The IQAC annually conducts AAA for all the 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 held various meetings to assess the preparedness for second cycle of reaccreditation by NAAC. All faculty were oriented for the RAF of NAAC and workshops were conducted for qualitative and quantitative metrics and quality indicators

* The minutes of IQAC meetings are available on the website at
<https://jssuni.edu.in/JSSWeb/WebShowFromDB.aspx?MID=16003&CID=0&PID=10007>

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	6	-	02	-
PG	73	1	22	01
UG	22	2	04	-
PG Diploma	34	3	21	
Advanced Diploma	-	-	-	-
Diploma	2	2	02	-
Certificate	9	3	08	04
Others	8	Nil	03	02
Total	154	11	62	07
Interdisciplinary	12	-	-	-
Innovative	-	-	-	-

√√√

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	43
Trimester	
Annual	31

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.

JSS Medical College

Undergraduate: Medical

- MBBS - Revision of Practical syllabus in Biochemistry - inclusion of molecular techniques
- Introduction of MCQ'S for MBBS Students.
- Microbiology: Hospital infection control practices, Antibiotic stewardship, introduce MCQ's for 20 marks
- Update of Practical syllabi in Pharmacology like incorporation of ADR from filing therapeutic exercises, CAL

Postgraduate-Medical

- MD Microbiology curriculum revised.
Hospital Infection control practices have been included in practical examination instead of Animal experiments
- 2016 Bio Medical Waste management guidelines have been updated in curriculum
- Clinical Bacteriology topics included, Zika virus included in virology, Vaccine preventable neoplasia, Recent advances in parasitic vaccines, Drug resistance in Fungi, Human Microbiota, Recent molecular methods of detection of drug resistance in Mycobacteria
- The following concepts were deleted from the curriculum -Care and breeding of lab animals viz. mice, rats, guinea pigs' rabbits, and experiments on various laboratory animals. b) Phage typing of bacteria. c) Enterotoxigenicity. d) Preparation of adjuvants and rising of antisera in animals. e) Animal pathogenicity test for Cryptococcus and Candida
- MD-Community Medicine: a) Re arrangement of topics for MD –Theory exams by bringing the similar topics in common theme b) 2. Updated the practical examination exercise and marks c) Blueprinting of the topics for theory examination d) Reference books and chapter are added e) Old topics in practical are removed and field visits are updated
- Change of clinical exam pattern – Addition of WARD Rounds
- Change in examination pattern for Postgraduates.
- Introduction of MOCK examination with OSCE for Postgraduate students (MD)
- MCh –Urology Revision (Programmes started from 2012)
- Introduction of OSCE, Incorporation of paper minimum in theory exams.

Allied Health Sciences:

- Clinical Embryology syllabus was updated
- Update of Practical syllabi like incorporation of ADR from filing therapeutic exercises, CAL
- Introduced Records for practical's.

First year & final Year M.Sc (Anatomy) and M.Sc Clinical Embryology curriculum has been revised according to UGC guidelines. M.Sc Microbiology curriculum revised.

JSSDC

UG Programme specific and course specific outcomes have been designed.
PG syllabi was revised in 2017 and implemented in the year 2018

JSSCPM

All the PG diploma course syllabi underwent revision in June 2017. Pharmacy council of India has prescribed structured syllabus for PG, UG and diploma courses. There is no scope for syllabus revision for these courses.

JSSCPO

Wide Page No 84 of 'Pharm.D. Syllabus' of JSS 'Academy of Higher Education & Research (formerly known as JSS University, Mysore), for the subject of V year 'Clinical Pharmacokinetics and Pharmacotherapeutic Drug Monitoring', Section 4.e. is given with very broad topics. Viz.,

4. Therapeutic Drug monitoring:

e. TDM of drugs used in the following conditions: Cardiovascular disease, Seizure disorders, Psychiatric conditions, and Organ transplantations.

This has been updated with specific drugs under each disease mentioned which will give clarity to both students and question paper setters.

TDM of drugs used in the following conditions:

Cardiovascular disease: Digoxin, Quinidine, Lidocaine, Amiodarone

Seizure disorders: Phenytoin, Carbamazepine,

Psychiatric conditions: Lithium, Amitriptyline, Fluoxetine,

Organ transplantations: Cyclosporine, Tacrolimus, Sirolimus

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

JSS Medical College

- Diagnostic Molecular Lab & HIV Viral load lab
- **Speciality clinics – Geriatric Clinic and wing**
- Diagnostic Molecular Lab & HIV Viral load lab
- Nephrology – Pathology wing of Pathology Department. Renal Biopsy specimens undergo in-house processing & reporting
- Bachelor of Occupational Therapy started from the academic year 2018 with intake of 12 students under JSS AHER
- Belaku clinic (High Risk Newborn follow up and child guidance clinic)
- NeuroRadiology and Neurointervention
- **Genetic Counselling Clinic** - Established on 12th September 2017 at NICU and functioning in Paediatrics OPD since April 2018. Mon & Thursday 2-4 pm.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
541	199	105	127	110

2.2 No. of permanent faculty with Ph.D.

170

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
49	16	4	2	4	3	40	33	97	54

2.4 No. of Guest and Visiting faculty and Temporary faculty

07

14

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	91	688	399
Presented papers	42	145	42
Resource Persons	36	179	258

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

JSS Medical College& Hospital

- **Anatomy:** Histology CD- Histology learning made easy, Video-enhanced learning, Plastinated specimens for teaching & learning, Mind mapping in dissection, Modified team-based learning in histology practical's
- **Physiology:** Peer assisted tutorials, Motivate students for self-directed learning – CBL/PBL, Sensitization of students to applied and clinical hematology, Quick assessment strategy of writing clinical reports in CNS, Smart spotters test in hematology
- **Biochemistry:** Model making competition, PBL Modules, OSPE Implemented
- **Forensic Medicine:** Problem Based/Case Based Learning, in addition to court room simulation & hands on autopsy training, Museum- Practical approach
- **Microbiology:** Animation, Story building, Musical chair, Gang attack, Treasure hunt, Poem composition, Model making, Hit me right- Hit me hard & Conducting Interdepartmental seminars
- **Pathology:** Using of mannequins for teaching purposes.
- **Community Medicine:** Participatory Research for Action, Jigsaw learning sessions for undergraduate students, Reflective Writing techniques, Family Health Advisory Survey for undergraduate students, Blunder lecture, Role play, Mind mapping, Adapt a family Initiative, Implementation of OSCE in PG exams
- **Pharmacology:** Model making for undergraduate students, Integrated teaching.

- **General Medicine:** Introduction of MCQ's in UG Internal assessment, Student Seminars
- **General Surgery:** Video demonstration of surgical procedures
- **Nephrology:** Webinars, emails, WhatsApp which are purely subjected oriented and involves eminent faculty in the field, simulation-based learning for BSc RDT students, which enables them to learn practical procedures before performing it on patients
- **OBG:** Use of e- learning resources, UG & PG Teaching with MAMA- Natalie, PPIUCD Training, Objective evaluation of PG Performance in PG Teaching Program followed by corrective measures.
- **Ophthalmology:** CCTV Based Teaching of Live Surgeries –with the help of CCTV and the side microscope the students are thought the art of microsurgeries in ophthalmology, Surgical Video Presentations, Photo Slit Lamp and Fundus Camera As demo Aids, Indirect ophthalmoscope with teaching mirror, Quiz for PG'S, VAST, Webinars telecast live in the seminar hall, CCTV Based Teaching Of Live Surgeries, Wet lab facility, To ascertain that good surgical skills are transferred Animal eyes are utilized to teach surgeries for post graduate students, Distant learning through telemedicine using Trinetra
- **Telemedicine in Ophthalmology:** Using Trinetra equipment
- To train MBBS doctors based in remote small centers, in identifying common eye conditions for early referral by employing simple, user friendly diagnostic equipment
- To design a curriculum to educate medical social workers in identifying common eye problems before referral to ophthalmologists
- **ENT:** Cadaveric Dissection & Surgical Orientation for PG's Learning, Intercollegiate Quiz for Final year MBBS students, MCQs, Picture Quiz, Crossword
- Therapeutic exercises, ADR form filling, Use of Computer simulated animal Techniques, Paired teaching, Group discussion, Problem / Case based Learning
- Therapeutic exercises-are allotted to students to familiarize them about the drug interactions and adverse drug reactions of the commonly prescribed drugs in various diseases.
- ADR form filling - Adverse drug reaction monitoring is of great significance and helps to prevent the patient from unwanted re exposure to drug toxicity.
- Identifying the Chemical Nature of Compound, Use of Computer simulated animal Techniques, Paired teaching, Group discussion
- **Psychiatry:** Lectures on important topics like stress management, study techniques, common psychological problems including suicide and drug abuse etc. are conducted for UG students right from 1st year MBBS, Highlights of other Teaching topics for undergraduates: Wellness & Preventive aspects of mental health, Communication & Presentation skills. Designing and conducting research, Campus Mental Health, Bi-monthly quiz for UG students to prepare them for State & national level IPS quiz, Lectures on creativity, Role play for students for teaching communication skills.
- **Radiology:** 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-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.
- **Surgery:** Laparoscopic Simulation Centre has been established in the department to train Post graduates in basic Laparoscopic skills. Webinars, seminars, weekly / monthly – case discussions / video presentation, which are purely subjected oriented and involves eminent faculty in the field, simulation-based learning for PG students, which enables them to learn practical procedures before doing it on patients

JSS Dental College

- ICT enabled teaching process.
- Selected topics uploaded to student learning portal periodically

JSS College of Pharmacy, Mysore

For the academic year 2017-18, active learning by using 'Clickers' is introduced. Clickers are hand held devices that students can use to choose to answer from the given options. Their answers are recorded immediately with the help of a radiofrequency receiver and that can be displayed to the students.

Both students and staff members are trained to use this technology; students are taught to operate the clickers, and staff members are provided training to learnt to incorporate the MCQs in their powerpoint presentations for real-time use. It is intended to implement the use of clickers in teaching-learning process for the next academic year (2018-19)

This technology can help the teachers to get spontaneous response from the students.

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

- Add on certificate course on Haematology for UG students.
- 21-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.

DHSMS

- On through job training –hospital posting
- Industrial visit to hospitals

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

255

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

JSS Medical College

- Open Book test for slow learners
- Periodic table test
- Stratified valuation of internal assessment theory papers
- OSPE
- MCQ are incorporated in internal assessment
- Bar coding & double valuation
- Periodic MCQ tests, Pre & Post Innovative teaching
- Paper minimum in PG exams
- Introduction of MCQ's in Internal examinations for MBBS phase-II, BDS & B.Sc. AHS

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

64	70	27
----	----	----

2.10 Average percentage of attendance of students

82.4

2.11 Course/Programme wise distribution of pass percentage:

JSS MEDICAL COLLEGE, MYSURU

JSSU Result Analysis Post Graduate Degree October 2017 Exam

Sl. No.	Course	No of students appear for exam	No. of Students Pass	No. of Students Pass	Percentage %
1	Pathology	01	--	--	--
2	Gen.Medicine	04	04	03	75
3	Gen.Surgery	05	05	04	80
4	OBG	01	01	01	100
5	Paediatrics	01	01	01	100
	Total	12	11	09	81.81

Result Analysis Post Graduate Diploma October 2017 Exam

Sl. No.	Course	Total Students	No of students appear for exam	No. of Students Pass	Percentage %
1	DCP	01	--	--	--
2	DGO	01	01	01	100
3	D'Ortho	02	01	--	--
	Total	04	02	01	50

JSSU Result Analysis Post Graduate Degree April 2018 Exam

Sl. No.	Course	Total Students	No of students appear for exam	No. of Students Pass	Percentage %
1	Pathology	09	08	08	100
2	Microbiology	02	02	01	50
3	Forensic Medicine	01	01	--	--
4	Community Medicine	02	02	01	50
5	Ophthalmology	02	02	02	100
6	ENT	04	04	04	100
7	Gen.Medicine	12	12	10	83.33
8	Gen.Surgery	09	09	08	88.88
9	Orthopaedics	06	06	06	100
10	OBG	06	06	06	100
11	Paediatrics	04	04	03	75
12	Anaesthesia	08	07	07	100
13	Dermatology	01	01	01	100
14	Psychiatry	03	03	03	100
15	Radiology	02	02	02	100
16	TB & Chest	02	02	02	100
17	Emergency Medicine	02	02	02	100
	Total	75	73	66	90.41

Result Analysis Post Graduate Diploma April 2018 Exam

Sl. No.	Course	Total Students	No of students appear for exam	No. of Students Pass	Percentage %
1	DCP	02	02	02	100
2	DGO	04	04	04	100
3	DCH	03	03	03	100
4	DA	04	04	04	100
5	D'Ortho	08	07	06	85.71
6	DLO	02	02	02	100
7	DDVL	01	01	01	100
8	DO	01	01	01	100
9	DPM	01	01	01	100
10	DMRD	02	02	02	100
	Total	28	27	26	96.29

RESULT ANALYSIS – DECEMBER 2017 M.Sc., EXAMINATOIN

Course	Total Students	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
1 st Year M.Sc.,	28	19	--	--	--	09	09	47.36
Final Year M.Sc.,	05	03	--	--	--	--	--	--

Result (Subject wise)

Subject	Total Student	Appeared	Passed	% age
1st Year M.Sc.,	28	19	09	47.36
Anatomy	21	14	07	50
Physiology	21	12	06	50
Biochemistry	23	13	09	69.23
Final Year M.Sc.,	05	03	--	--
Microbiology	05	03	--	--

RESULT ANALYSIS – JUNE 2018 M.Sc., EXAMINATOIN

Course	Total Stu	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
1 st Year M.Sc.,	47	37	--	--	--	17	17	45.94
Final Year M.Sc.,	51	47	06	07	26	--	39	82.97

Result (Subject wise)

Subject	Total Student	Appeared	Passed	% age
1st Year M.Sc.,	47	37	17	45.94
Anatomy	42	34	24	70.58
Physiology	43	32	19	59.37
Biochemistry	42	31	15	48.38
Final Year M.Sc.,	51	47	39	82.97
Anatomy	05	05	05	100
Physiology	01	01	01	100
Biochemistry	18	16	13	81.25
Pharmacology	01	01	01	100
Microbiology	19	17	12	70.58
Clinical Embryology	07	07	07	100

RESULT ANALYSIS – JULY 2017 MPH EXAMINATOIN

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

August 2017 Super Specialty Examination

Course	Total Student	Appeared	Distinction	1st Class	2nd Class	Pass Class	Total Pass	% age
DM Neurology	02	02	--	--	02	--	02	100
M.Ch Urology	01	01	--	01	--	--	01	100
DM Gastroenterology	01	01	--	--	01	--	01	100

M Phil Examination Result

September 2017 Examination

Course	Total Student	Appeared	Distinction	1st Class	2nd Class	Pass Class	Total Pass	% age
M Phil Part- I (Clinical Psychology)	06	06	--	--	02	--	02	33.33
Final Year (Psychiatric Social Work Pt – II)	02	02	--	--	02	--	02	100

MARCH 2018 EXAMINATION

Course	Total Student	Appeared	Distinction	1st Class	2nd Class	Pass Class	Total Pass	% age
M Phil Part- I (Clinical Psychology)	04	03	--	--	--	03	03	100

RESULT ANALYSIS – DEC 2017 B.Sc., Examination
RESULT (Course Wise)

Course	Total Student	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
I B.Sc. (AHS)	49	35	Nil	Nil	Nil	20	20	57.14
II B.Sc. (AHS)	72	55	Nil	Nil	Nil	33	33	60
III B.Sc. (AHS)	30	29	Nil	Nil	Nil	17	17	58.62

RESULT (Course Wise)
First Semester

Course	Total Student	Appeared	A	B	C	D	Total Pass
Ist Sem B.Sc. (AHS)	128	122	03	20	34	18	75
IIInd Sem B.Sc. (AHS)	43	39	--	--	03	16	19
IIrd Sem B.Sc. (AHS)	112	107	--	08	40	14	72

RESULT ANALYSIS – June 2018 B.Sc., Examination
RESULT (Course Wise)

Course	Total Student	Appeared	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
I B.Sc. (AHS)	29	13	Nil	Nil	Nil	03	03	23.07%
II B.Sc. (AHS)	38	22	Nil	Nil	Nil	13	13	59%
III B.Sc. (AHS)	142	136	09	41	56	20	126	92.68%

RESULT ANALYSIS – June 2018 B.Sc., Examination
RESULT (Course Wise)
First Semester

Course	Total Student	Appeared	A	B	C	D	Total Pass	%
Ist Sem B.Sc.,- RCT	03	03	Nil	Nil	Nil	01	01	33.33%
Ist Sem B.Sc.,- MLT	11	11	Nil	Nil	03	01	04	36.36%
Ist Sem B.Sc.,- MIT	09	08	Nil	Nil	01	02	03	37.5%
Ist Sem B.Sc.,- OTT	08	06	Nil	Nil	02	Nil	02	33.33%
Ist Sem B.Sc.,- RDT	05	05	Nil	Nil	02	01	03	60%
Ist Sem B.Sc.,- CCT	03	03	Nil	Nil	Nil	01	01	33.33%
Ist Sem B.Sc.,- PT	04	03	Nil	Nil	01	01	02	66.66%
Ist Sem B.Sc.,- PA	01	01	Nil	Nil	Nil	Nil	Nil	Nil
Ist Sem B.Sc.,- OPTO	01	01	Nil	Nil	01	Nil	01	100%
Ist Sem B.Sc.,- EMT	08	05	Nil	Nil	02	02	04	80%
Total	53	46	Nil	Nil	12	09	21	45.65%

Second Semester

Course	Total Student	Appeared	A	B	C	D	Pass Class	Total Pass	%
IInd Sem B.Sc.,- RCT	12	12	Nil	Nil	03	01	Nil	04	33.33%
IInd Sem B.Sc.,- MLT	18	18	Nil	Nil	04	02	Nil	06	33.33%
IInd Sem B.Sc.,- MIT	26	26	Nil	Nil	06	05	Nil	11	42.30%
IInd Sem B.Sc.,- OTT	16	14	Nil	Nil	04	01	Nil	05	35.71%
IInd Sem B.Sc.,- RDT	12	12	Nil	Nil	05	03	Nil	08	66.66%
IInd Sem B.Sc.,- CCT	13	13	Nil	02	04	01	Nil	07	53.84%

IInd Sem B.Sc.,- PT	11	11	Nil	Nil	06	02	Nil	08	72.72%
IInd Sem B.Sc.,- PA	2	2	Nil	Nil	Nil	01	Nil	01	50%
IInd Sem B.Sc.,- OPTO	7	7	Nil	02	02	02	Nil	06	85.71%
IInd Sem B.Sc.,- EMT	19	19	01	02	02	04	01	10	52.63%
Total	136	134	01	06	36	22	01	66	49.25%

Third Semester

Course	Total Student	Appeared	A	B	C	D	Pass Class	Total Pass	%
IIIrd Sem B.Sc.,- RCT	05	05	Nil	Nil	01	04	Nil	05	100%
IIIrd Sem B.Sc.,- MLT	04	04	Nil	Nil	Nil	03	Nil	03	75%
IIIrd Sem B.Sc.,- MIT	04	04	Nil	Nil	01	03	Nil	04	100%
IIIrd Sem B.Sc.,- OTT	03	02	Nil	Nil	01	01	Nil	02	100%
IIIrd Sem B.Sc.,- RDT	03	02	Nil	Nil	Nil	02	Nil	02	66.66%
IIIrd Sem B.Sc.,- CCT	06	06	Nil	Nil	02	01	Nil	03	50%
IIIrd Sem B.Sc.,- PT	07	07	Nil	01	03	02	Nil	06	85.71%
IIIrd Sem B.Sc.,- PA	04	04	Nil	Nil	01	01	Nil	02	50%
IIIrd Sem B.Sc.,- EMT	03	03	Nil	Nil	Nil	01	02	03	100%
Total	39	38	Nil	01	09	18	02	30	78.94%

Fourth Semester

Course	Total Student	Appeared	A	B	C	D	Pass Class	Total Pass	%
IVSem B.Sc.,- RCT	10	10	Nil	01	05	03	Nil	09	90%
IVSem B.Sc.,- MLT	04	04	Nil	01	06	04	Nil	11	78.57%
IVSem B.Sc.,- MIT	20	20	Nil	Nil	10	07	02	19	95%
IVSem B.Sc.,- OTT	15	14	Nil	03	10	01	Nil	14	100%
IVSem B.Sc.,- RDT	10	10	Nil	Nil	02	06	Nil	08	80%
IVSem B.Sc.,- CCT	10	10	Nil	01	04	01	Nil	06	60%

IVSem B.Sc.,-PT	8	8	Nil	01	04	02	Nil	07	87.5%
IVSem B.Sc., PA	06	06	Nil	01	02	01	01	05	83.33%
IVSem B.Sc.,-OPT	06	06	Nil	01	03	02	Nil	06	100%
IVSem B.Sc.,-EMT	12	12	Nil	02	05	02	02	11	91.66%
Total	111	110	Nil	11	51	29	05	96	87.27%

RESULT ANALYSIS – June 2017 B.Sc., Examination

RESULT (Course Wise) (Final Year) Fresher

Course 2014-15 Batch	Total Stu	Appeared	Distinction	1 st Class	2 nd 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

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

RESULT (Course Wise) (Final Year) Fresher

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

RESULT (Course Wise) (Final Year) Fresher

Course 2013-14 Batch	Total Stu	Appeared	Distinction	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	Distinction	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 (Course Wise) (Final Year) Fresher

Course 2014-15 Batch	Total Stu	Appeared	Distinction	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	Distinction	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	Distinction	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	Distinction	1 st Class	2 nd Class	Pass Class	Total Pass	% age
II B.Sc. RCT	27	26	Nil	01	03	05	09	75.00

RESULT (Course Wise) (2nd Year)

Course 2015-16 Batch	Total Stud	Appeared	Distinction	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

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. MIT	22	21	02	09	09	NIL	20	95.24

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. OTT	18	18	02	04	05	02	13	72.22
II B.Sc. OTT	01	01	NIL	NIL	NIL	01	01	100

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 (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 (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

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. 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 (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 (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 (Course Wise) (1st Year)

Course -14 Batch	Total Student	Appeared	Distinction	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	Distinction	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	Distinction	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

JSSDC December - 2017(UG), May-2017 (PG)

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
I BDS	10	-		-	90	90
II BDS	04	-	-	25	-	25
III BDS	05	20	-	40	-	60
IV BDS	06	17	-	83	-	100
MDS	31	3	-	-	-	96.77
PG Dip.	3	-	-	-	-	100
Ph.D.,	-	-	-	-	-	-

JSS College of Pharmacy, Mysuru

Title of the Programme	Total no. of students appeared	Distinction %	I %	II %	Pass %
B.Pharm-I sem	99	74	09	-	84
B.Pharm-II sem	99	30	24	30	86
III B.Pharm	117	50	27	-	66
IV B.Pharm	118	21	40	31	82
V B.Pharm	93	45	36	05	92
VI B. Pharm	93	26	20	40	89
IV B. Pharm (Annual Scheme)	71	26	21	20	94
I Pharm. D	30	09	10	10	98
II Pharm. D	30	05	15	10	100
III Pharm. D	29	03	10	16	100
IV Pharm. D	40	10	20	10	100
V Pharm. D	39	15	15	09	100
I M Pharm Pharmaceutics	15	15	-	-	100
II M Pharm Pharmaceutics	15	15	-	-	100
III M Pharm Pharmaceutics	15	14	01	-	100
IV M Pharm Pharmaceutics	15	14	01	-	100
I M Pharm Industrial Pharmacy	09	05	04	-	100
II M Pharm Industrial Pharmacy	09	06	03	-	100
I M Pharm Pharm. Regulatory Affairs	15	11	04	-	100
II M Pharm Pharm. Regulatory Affairs	15	14	01	-	100
III M Pharm Pharm. Regulatory Affairs	15	10	05	-	100
IV M Pharm Pharm. Regulatory Affairs	15	13	02	-	100
I M Pharm Pharm. Quality Assurance	15	09	06	-	100
II M Pharm Pharm. Quality Assurance	15	10	05	-	100

III M Pharm Pharm. Quality Assurance	15	14	01	-	100
IV M Pharm Pharm. Quality Assurance	15	14	01	-	100
I M Pharm Pharm. Analysis	09	07	02	-	100
II M Pharm Pharm. Analysis	09	06	03	-	100
III M Pharm Pharm. Analysis	08	05	03	-	100
IV M Pharm Pharm. Analysis	08	05	03	-	100
I M Pharm Pharmacognosy	02	-	02	-	100
II M Pharm Pharmacognosy	02	-	02	-	100
III M Pharm Pharmacognosy	01	-	01	-	100
IV M Pharm Pharmacognosy	01	-	01	-	100
I M Pharm Pharmacology.	15	11	04	-	100
II M Pharm Pharmacology	15	10	05	-	10
III M Pharm Pharmacology	12	12	-	-	100
IV M Pharm Pharmacology	12	12	-	-	100
I M. Pharm Pharm Chemistry	06	03	03	-	100
II M. Pharm Pharm Chemistry	06	04	02	-	100
III M. Pharm Pharm Chemistry	04	01	03	-	100
IV M. Pharm Pharm Chemistry	04	01	03	-	100
I M. Pharm Cosmeceutics	03	03	-	-	100
II M. Pharm Cosmeceutics	03	03	-	-	100
III M. Pharm Cosmeceutics	02	02	-	-	100
IV M. Pharm Cosmeceutics	02	02	-	-	100
I M Pharm Pharmacy Praticce	14	06	08	-	100
II M Pharm	15	07	07	-	93.3

Pharmacy Prattice					
III M Pharm Pharmacy Prattice	14	10	02	-	100
IV M Pharm Pharmacy Prattice	13	10	02	-	100
I D Pharm (Diploma)	96	10	29	50	92.70
II D Pharm (Diploma)	58	04	25	20	84.48

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.	191	59	94	13	-	173.60
I. Pharm.D.	59	26	26	06	-	175.66
II. Pharm.D.	57	23	34	--	-	200
III. Pharm.D.	55	28	30	01	-	177.42
IV. Pharm.D.	67	36	31	--	-	200
V. Pharm.D.	71	33	36	02	-	200
I. D. Pharm.	190	10	85	16		121.82
II. D. Pharm.	85	08	30	22		152
II. M. Pharm.	41	41	-	--	-	100
PG Diploma	40	17	23	--		200

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 2017)	199	--	24	93	33	1501.8
III Semester B.Pharm. (Nov 2017)	202	--	17	73	41	129.18
II Semester B. Pharm.(May 2017)	188	--	26	77	62	175.5
IV Semester B.Pharm. (May 2017)	192	--	26	69	60	161.41
V Semester B.Pharm.(Nov 2017)	82	-	13	31	25	84
VI Semester B.Pharm (May 2018)	82	-	13	31	27	87
I Semester M.Pharm. (Nov 2017)	148	03	81	56	08	200
II Semester M.Pharm. (May 2018)	147	12	72	58	05	200
III Semester M.Pharm (Nov 2017)	69	45	21	03	-	100
IV Semester M.Pharm (May 2018)	69	65	04	-	-	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)	56	-	17	27	11	98.21
B.Sc.Biotech (IV Sem)	29	-	8	6	11	89.66
B.Sc.Biotech (VI Sem)	12	1	6	3	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)	42	-	5	13	21	100
B.Sc.Micro (IV Sem)	21	-	7	7	2	85.71
B.Sc.Micro (VI Sem)	04	-	1	2	1	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)	32	1	12	12	5	96.88
B.Sc.Enviorn (IV Sem)	10	1	2	5	-	90.00
B.Sc. Enviorn (VI Sem)	05	-	5	0	-	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)	8	4	3	1	-	100%
M.Sc.Enviorn (IV Sem)	7	2	5	-	-	100%
M.Sc.Geoinformatics (II Sem)	7	-	2	3	-	100%
M.Sc. Geoinformatics (IV Sem)	12	1	2	7	-	100%
M.Sc.Cognitive Neuroscience (II Sem)	2	-	-	2	-	100%
M.Sc.Cognitive Neuroscience(IV Sem)	5	1	3	1	-	100%
M.Sc.Biochemistry (II Sem)	37	1	5	21	4	91.89
M.Sc. Biochemistry (IV Sem)	37	-	10	21	4	100%

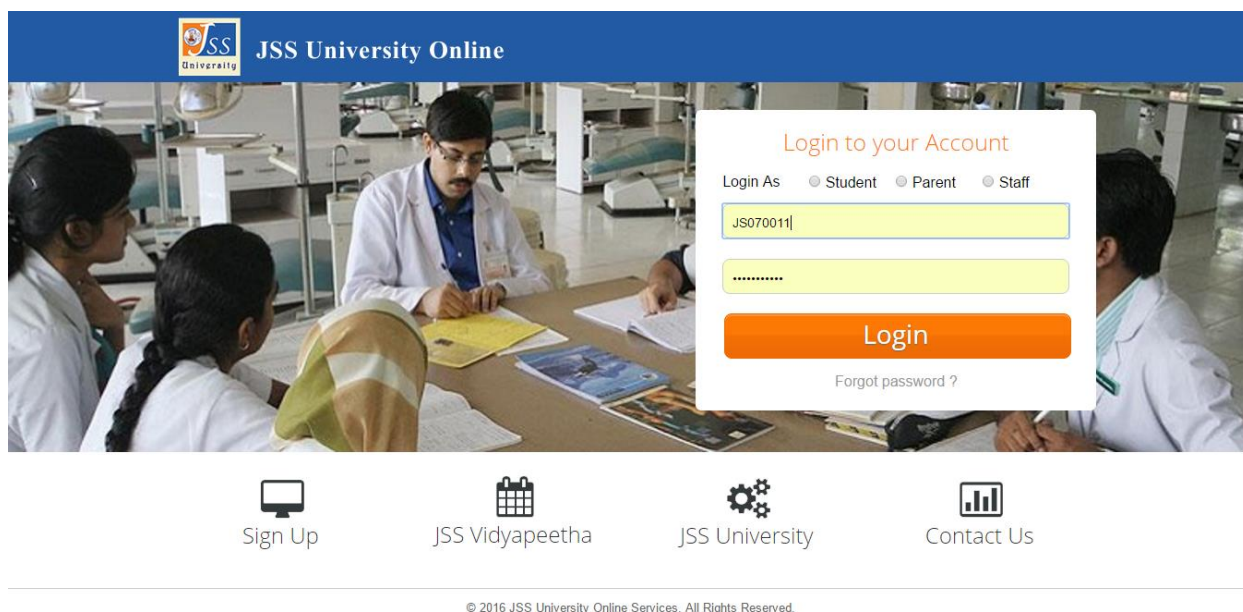
M.Sc.Molecular Biology (II Sem)	12	-	3	7	1	91.67
M.Sc. Molecular Biology (IV Sem)	7	-	2	3	1	100%
M.Sc.Nanoscience (II Sem)	4	-	-	4	-	100%
M.Sc. Nanoscience (IV Sem)	5	-	2	3	-	100%
M.Sc.Nutrition&Dietitics (II Sem)	28	1	1	14	5	96.43
M.Sc. Nutrition &Dietitics (IV Sem)	27	-	5	18	1	100%
M.Sc.Bioinformatics (II Sem)	11	2	5	3	-	90.91
M.Sc. Bioinformatics (IV Sem)	8	3	4	1	-	100%
M.Sc.Medical Physics (II Sem)	-	-	-	-	-	-
M.Sc.Medical Physics (IV Sem)	1	-	-	1	-	100%
M.Sc. Cosmetic Sciences (II Sem)	-	-	-	-	-	-
M.Sc. Cosmetic Sciences (IVSem)	2	-	-	2	-	100%
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 %
MBA-HA 1 SEM	33	9	17	5	-	
MBA-HA 111 SEM	27	4	15	7	-	
	60			--	-	

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.



My Apps

- › Student's Attendance
- › My Leave Management
- › My Teaching Plan
- › My Diary
- › My Digital Content
- › Administer MCQs
- › Feedback Report
- › Sessional Marks
- › eTapaal

Staff Portal





Quizzes: Test anyone on anything!

Create a quiz with automatic scoring for your employees, customers, students, and more!

TRY IT NOW

All Surveys

Search by survey name

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							

All Surveys: 1 - 10 of 11



Buy responses for your market research surveys

Find people to take your survey at an affordable price.
[See pricing »](#)



Business surveys for your whole organization

Get advanced security, administration, and collaboration.
[Learn more »](#)

ENGLISH

About SurveyMonkey • Careers • Developers • Privacy Policy • Email Opt-In • Help
Copyright © 1999-2017 SurveyMonkey



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, Dental Education Unit, Pharmacy Education Units for conducting medical education technologies workshop for the faculty of JSS AHER 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. A media centre has been developed for creating high quality videos for online learning platform. The deemed to be University is also proposing starting of online programs for which digital content is being developed through online learning platforms.

2.13 Initiatives undertaken towards faculty development⁰⁴

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	612
UGC – Faculty Improvement Programme	-
HRD programmes	49
Orientation programmes	70
Faculty exchange programme	03
Staff training conducted by the university	307
Staff training conducted by other institutions	68
Summer / Winter schools, Workshops, etc.	227
Others	07

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	306	22	04	06
Technical Staff	110	24	01	01

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 Institution 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 programs.

Regular communications are sent from Director (Research) of JSS AHER and JSS Medical College & Hospital about various calls for proposals under various schemes. There are 13 Special interest groups (SIG's) which have been formed to promote organized and structured research in thrust areas of the University. The SIG's are provided with seed money for conduction basic research, organizing workshops, conducting conferences and Guest lectures.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	14	47	13	49
Outlay in Rs. Lakhs	222.85	1196.36	1024.38	3347.53

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	10	50	12	09
Outlay in Rs. Lakhs	3.12	16.09	9.04	3.42

3.4 Details on research publications

	International	National	Others
Peer Review Journals	280	275	1
Non-Peer Review Journals	20	30	-
e-Journals	2	-	-
Conference proceedings	13	17	-

3.5 Details on Impact factor of publications:

Range	0.117 – 42.3	Average	2.43	H-Index	51.4	Nos. in SCOUPS	250
-------	--------------	---------	------	---------	------	----------------	-----

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	21	DBT,DST-FIST, DST- SERB, ICMR, GAN, IADVL,NACO, JSS AHER, DRDO	945.23	537.63
Minor Projects	8	DST, ICMR, DBT, University of Malaya, BIRAC, Govt of India Enterprise, DST-SERB, NACO (Viral Load Lab), JSSU Mysuru	98.29	6.69
Interdisciplinary Projects	9 months	ICMR, Ministry of Science & Technology, INM Technologies, B'lore.	69.44	22.88
Industry sponsored	0.2	IADVL and Colgate Palmolive, Philips	74.76	30.53
Projects sponsored by the University/ College	1-3 Years	JSS AHER, JSSU	8.66	13.32
Students research projects (<i>other than compulsory by the University</i>)	2,1-3 yr	ICMR, JSSU, UGC, DST, TNPWST, Pharmaceutical Lab, USA, VGST	8.4	66.65
Any other(Specify)	01, 1-3 yr	Bhramara, AICTE	Nil	10
Total	1-3 years	DST-SERB, DBT, DRDO, DST-FIST, JSSU, Mysore, Latrobe University, CSIR, ICMR, DST, JSSU, TNPWST, Pharmaceutical Lab, USA, AICTE	1204.78	687.7

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

3.9 For colleges

Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	5	52	18	12	15
Sponsoring agencies	AASP, AMBICON JSS AHER	AIOS/JSSAHER/ IRIA,JSS University, IPA Nilgiris Local Branch, DST SERB, ICMR, AICTE	JSSAHER/ MPMERT/ ICMR/MCI/ CDSA JSSU, IPA Nilgiris Local Branch	(SIG) JSSMC	JSSAHER/ Surgical society of Mysuru JSSU, IPA Nilgiris Local Branch

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

3.13 No. of collaborations: International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From Funding agency From Management of University/College
Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	9
	Granted	3
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

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

Total	International	National	State	University	Dist.	College
161	28	82	43	7	-	2

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

134
269

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

34

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

JRF 22 SRF 6 Project Fellows 13 Any other 13

3.21 No. of students Participated in NSS events:

University level 190 State level 100
 National level 155 International level -

3.22 No. of students participated in NCC events:

0 University level 01 State level -
 National level - International level -

3.23 No. of Awards won in NSS:

University level 4 State level 01
 National level - International level -

3.24 No. of Awards won in NCC:

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

3.25 No. of Extension activities organized

University forum	<input type="text" value="19"/>	College forum	<input type="text" value="158"/>	
NCC	<input type="text" value="-"/>	NSS	<input type="text" value="50"/>	Any other <input type="text" value="65"/>

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

JSS Medical College & Hospital, Mysuru

1) Field visit has been carried out in two phases –

- **1st phase – NSS camp from 23rd March 2018 to 28th March 2018 at following villages in the same order –**
 - 23rd March – Nuggahalli.
 - 24rd March – Chikkamarali.
 - 25rd March – Kanaganamaradi.
 - 26rd March – Chikkabyadarahalli.
 - 27rd March – Agtally.
 - 28rd March – Doddabyadarahalli.
- **2nd phase - JSS Camp, Department of Biochemistry at following villages in the same order –**
 - 27th June – Hirimarali.
 - 28th June - Hegdahalli.

Identifying smoking population from the targeted population & history taking, clinical examination with a valid pretested questionnaire. We have screened smokers depending upon the questionnaire and duration of smoking followed by Spirometry of all the smokers and the normal controls matched with pack years and age. Spirometry has been performed by expert personal who have noted experience for field work and doing lung function tests. We have used NDD Spirometer with disposable mouth pieces of each subject.

2) **FORENSIC FAIR- 2017** Conducted on December 21st and 22nd 2017.

- To create awareness about crime and its investigations in the public. Included orientation to various sections of Forensic medicine like Traffic awareness, firearms, trauma, dental evidence, Detection of poisons, Fingerprints and tests to detect food adulteration.
- The fair conducted in 2017 had more than 2000 beneficiaries including 1517 students from 19 different schools and general public.

3) Enhanced infection control practices at JSS Hospital,

- Antibiotic stewardship
- Disinfection stewardship
- Education and implementation of hand hygiene practices among patients and attendants.
- Implementation of effective Biomedical waste management
- Training MBBS students on rational use of antibiotics

4) Anaesthesia:

- 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.
- Comprehensive School Health Appraisal Programme covering 14,500 children
- Somashekhar and Malathi Munvalli health Awareness(SMARAN) project for Rural Areas of North Karnataka
- Health awareness stall in Suttur Jatra Mahotsava
- Medical Students Social Responsibility Initiative
- Various days of health significance: World Health Day – Universal Health Coverage, World Population Day – Family planning, World No Tobacco Day, World Malaria Day, Breast Feeding Week Observation, Nutrition Week, D-Warming Day
- Two outreach health check-up camps in tribal areas in collaboration with NSS Unit of JSS Medical College.
- SUTTUR residential school health check-up–Monday and Saturday
- Mass Hepatitis Screening & camp

5) Nephrology:

- Public awareness campaigns on Chronic Kidney Disease
- All India radio Programme given on kidney diseases
- Organ donation campaigns every year for the past 4 years on world organ donation day
- Many talks given in Colleges on organ donation and Kidney diseases
- People have registered through our hospital for organ donation
- Camps and awareness Programme conducted on world kidney day

6) **Health Checkup Camps:** organized by different health organizations in collaboration with JSS hospital. [Suttur, Kadakola Industrial Area ,Mysore, Hotel Owners Association, Mysore] by various clinical department, Urban health Centre at Bamboo Bazaar, NIE college- Mysore, Suttur Camp, Chamrajnagar Mega camp, Babu Jagajeevana Bhavana, T.Narasipura camp, Hullahalli Camp, Sargur camp.

- Public awareness campaigns and urology camps
- Medical Help for the victims of Natural Calamity at Kodagu for 4 days

7) Blood Donation camp, Blood Donation Awareness Rally and Awareness on Bone marrow registry

Regularly attending the orientation programme for doctors organised by JSS Spiritual Endowment Trust

Care of Antenatal patients in the Urban Slum of Mysore at UHC –Bamboo Bazaar. PPIUCD Training Programme for Medical Officers & Nurses of the PHC'S

- 8) **GERIATRIC CLINIC** : At JSS Hospital Mysuru, Little sister old age home, Mysuru, Some of the staff members are involved in free health camps conducted with the help of sponsors, Geriatric camps are held in JSS Hospital once in two months which includes comprehensive geriatric health care
- 9) **Social responsibility projects / camps (treatment as well as check-up camps)** conducted organized by the department with details of date, venue, beneficiaries, nature of the camp, etc.
 - a. PGs and faculty provide free consultation in The Vivekananda Youth Movement Hospital, Sargur every 2nd Sunday of the month
 - b. Dr. Dushad Ram: Every sunday attending Mother Teresa charitable trust – Destitute home at Bannimantap , Mysore & Udayagiri.
 - c. The consultancy services are extended to Psychiatric rehabilitation service at Chittadhama, H.D. Kote Taluk, free of cost regularly and continuously since 5 years.
 - d. Depression awareness campaign for the public was conducted on 20/11/2015.This included Audio aids to create awareness among the public. There was also an interaction by the specialists with the public.
 - e. Schizophrenia awareness campaign for the public was conducted on 23/05/2016. This included Audio aids to create awareness among the public. There was also an interaction by the specialists with the public.
 - f. Dr Shivanand Manohar provides consultancy services once monthly to a NGO run health camp in Gonikoppa organized by the Manochetana trust.
 - g. MINDS initiative- Medication Information for Neuropsychiatric Disorders and Sensitization initiative. It was a joint initiative by departments of Psychiatry and Clinical Pharmacy started in October,2016.
 - h. A library was started in October,2016 for in-patients sponsored by Dr.T.S.S. Rao. It consists of books and indoor games for both adults and children.
 - i. World Bank Funded Technical Education Quality Improvement Programs are annually held at Sri Jayachamarajendra College of engineering with consultants acting as resource persons.
 - j. Dr. T.S.S. Rao speaks on National TV on Tuesdays and Thursdays as part of People's Education Programme

10) Faculty as Resource person

- i. All India Radio – Mysuru Akshashwani
- ii. Doordarshan – Chandana-TV10, Public TV, IndianTV
- iii. District Training At various institutes - Govt College - Constituent colleges
- iv. State – Zone – National-International Meet of Psychiatry/Sexual Medicine/Medical education

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 43 treatment and screening camps have been organized benefitting 5317children, adults and elderly population and 995 treatments were done.
- ☉ **Basic Oral Health Care Services to the Inmates of Central Prison:** A total of 561 inmates of central prison were offered free dental check-up and 183 were treated at the Dental Unit Central Prison, Mysuru.

- ◎ **School dental Health Programs:** Comprehensive oral health care services have been offered to children in JSS Residential School, Suttur, JSS High School, Bannimatap, Mysuru. A total of 1091(From Dept. of Public Health) children have been offered basic oral health care services. Besides, regular oral health care is being offered to children by the Dept. of Pedodontics 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 452 children were treated and 7590 children were given oral health education in last one year.

◎ **NSS activities:**

- Participated in seed ball sowing program at Muttati forest, Malavalli on 16th July 2017
- Participated in 15 days “Swachhata Pakhwada” program, which was conducted from 11th to 15th August and actively involved in Essay writing, short film, clean surrounding day, Green campus day, study of garbage system, visit orphanage etc.
- Conducted Elocution contest as part of “Swachhata Pakhwada” program where all the Constituent Colleges of JSS university participated.
- Participated in ‘Rally for River’ on 1st September 2017, where more than 50 NSS volunteers participated.
- Volunteers participated in 3 days adventure camp held from 3rd to 5th September 2017 at Gonikoppa.
- Volunteers participated and donated 35 units of blood on the occasion of Jayanthi celebration on 6th October 2017.
- NSS unit of JSS Dental College had organised Annual Special Camp at Mahadevapura from 12-18 February 2018.
- Free Health check-up camp were organised in school premises from 9 am to 5 pm for 5 days. A total of 750 villagers attended the camp. 150 patients for General health check-up like Cardiology, Ophthalmology, and Orthopaedic. Investigations like ECG, Echo Cardiogram were done. The free medicines were distributed to all the patients.
- All the 5 days dental screening & treatment camp was held more than 500 school children were screened out of which 350 underwent treatment, out of which 275 Pit & fissure were done as a preventive care. The one who need advance care were referred to JSS Dental College & Hospital.
- NSS unit of JSS Dental College had organised world environment day on 5th June 2018. By creating a awareness on plastic use to school children and public and also participated in rally
- NSS unit of JSS Dental College had organised 4th international yoga day on 21st June in association with other JSSAHE&R NSS units and also participated in yoga celebration in race course organised by Mysore district administration

◎ **Dhanta Bhagya.**

A total of 574 patients were treated under this scheme. Principal along with co-ordinator of Dhantabhagya scheme had attended state level nodal officers meeting. Dept. of Prosthodontics and Crown & Bridge received an appreciation award from the Dept. of Wealth and Family Welfare Services, Govt. of Karnataka in recognition of highly esteemed contribution in implementing “Dantha Bhagya Yojane” & Best performance in Dantha Bhagya Yojane on World Oral Health Day-2018.

- ◎ **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 equipment's 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 2017-18, 183 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. 512 people have been screened at their premises and referred for further treatment to the JSS Dental College and Hospital.

JSS Smile Clinic: The details of 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 251 have benefited.

◎ **Baby Oral health promotion Clinic:**

In this special clinic functioning on Monday and Thursday in the OPD of Department of Paediatrics, around 1765 children aged 0 to 12 years were given age specific brushing demonstration, diet counselling and oral health education.

Seminar & Training of Pediatric Nurses regarding oral health was conducted on 8.7.2017 at Dept. of Pediatric, JSS Hospital in association with International College of Dentists

The nurses in the Pediatric ward were trained and educated about oral health maintenance and brushing methods for in patient children.

Awareness campaigns: The Institution is actively involved in organizing many awareness campaigns such as National Prosthodontic Day, 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
National Prosthodontic Day	22.01.2018
Dentist's day	06.03.2018
World Oral Health Day	20.03.2018
World Health Day	21.04.2018
World No Tobacco Day	31.05.2018
National Public Health Dentistry Day	19.06.2018
Oral Hygiene day	August 2017
National tooth brushing day	07.11.2017
World Diabetes Day	14.11.2017

JSS College of Pharmacy, Mysuru

- National Integration Camp
- Plantation Programme
- Blood Donation Camp
- Health Camp
- Dental Check-up camp
- Ayurvedic Camp
- Swatch Bharat
- Digital Campaign
- Pharmacists' day celebration
- National festival celebration
- National pharmacy week celebration
- Seed ball – a green initiative

JSS College of Pharmacy, Ooty

S. No	Name of the program	Date and month	Outcome
1	Medicinal plants exhibition	18-20 May 2018	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	National Nutritional Week	1-7, September, 2017	Awareness program for school children about malnutrition
3	Health Screening of Thyroid Disease	24 August, 2017	Awareness and screening for thyroid diseases, for staff and students

Department of HSMS

S. No	Name of the program	Date and month	Outcome
1	Donation of basic books and stationeries to government primary school Hosahalli, Mysore taluk	March 2017	The students of DHSMS mobilised donations to donate note books and basic stationeries to children of government primary school.

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	54.87 Acres	-	-	6.45
Class rooms	23	1		7
Laboratories	72	2	Floor area renovation - JSSAHER	18
Seminar Halls	28		Floor area renovation - JSSAHER	1
No. of important equipment's purchased (\geq 1-0 lakh) during the current year.	-		DST FIST Project	1
JSSMC		Biosafety cabinet, CO ₂ incubator, Water Bath, Thermocycler, Air jacketed CO ₂ incubator, Concentrator unit (speed vac), Semi Auto analyzer (Mispa Viva), Gel Documentation System, Inverted Microscope, Ice Flaker, Micro volume spectrophotometer nano drop. Vitros Chemiluminescence Immunoassay – Rs. 20,00,000/- rental basis Anaerobic gas station	DST JSSAHER CDSA, DST-CSRI	36
JSSDC	-	9	Self	-
JSSCPO	-			
JSSCPM	56	01	-	57
FLS	-	8	University	8
Value of the equipment purchased during the year (Rs. in Lakhs)		47 Lakhs	DST FIST Project	47 Lakhs

JSSMC		15.16 7.25 42.12 lakhs 5 lakh	Nil	69.53
JSSDC	-	4.33	Self	-
JSSCPO	-			
JSSCPM	28.63	-	DST	28.63
FLS	-	12	DST/ DBT	12
Others				
JSSMC		Micropipettes, Micro balance, Electrophoretic tank and power pack, Glucometer, Centrifuge (C ZBKN-30226), Centrifuge (C ZDHN-20821), Micro Centrifuge, Vortex Mixer, 4°C Refrigerator, Incubator	CDSA, JSSAHER	10.66
JSSDC		2	Self	-
JSSCPO	-	-	-	-
JSSCPM		-	-	
DHSMS	01 projectors,20 system	01 projectors,3 system	JSS	02 projectors,2 3 system

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 | 9. The Office Administration is under auto motive process |
| 2. Digital Content Module | |
| 3. HRMS | |
| 4. Research Profile | 10. Library uses OPAC System |
| 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	20637	283.882 Lakhs	2038	16.68 Lakhs	122285	301.79 Lakhs
Reference Books	236275	399.40 Lakhs	2361	38.67 Lakhs	38697	417.33 Lakhs
e-Books	500	0	500	0	500	0
JSSMC	252				263	123 Lakhs
JSSDC	250	14.64	-	-	-	
JSSCPO						
JSSCPM	359	-	-	-	359	-
Journals	152	603.75	22	21.54	44	625.29
e-Journals	653	18,10,372	653	4,02,591	653	22,12,963
JSSMC	618				-	-
JSSDC	67	-	-	-	-	-
JSSCPO						
JSSCPM	1646		1646		1646	
Digital Database	5	16,37,33	0	2,07,610	5	18,44,949

		9				
JSSMC	Clinicalkey (Full Text) and Scopus Online Database					
JSSDC	02	32.81	-	12.24	-	50.3
JSSCPO						
JSSCPM	08		10		10	
CD & Video	1314	96942.00	53	-	1367	96942.00
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
• WHO Collections	1814	135358	0	0	1814	135358

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	658	27	1GBPS+01	7	06	90	437	-
Added	182	1			-	43	47	-
Total	840	28			06	133	484	-

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	172.32
ii) Campus Infrastructure and facilities	1565.24
iii) Equipments	1141.98
iv) Others	9799.47
Total :	12679.01

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 introductory session during the induction programme about student support services. The IQAC is interwoven with all the committees of institutions and provides inputs on academic, administrative, research and infrastructural needs for the college. The IQAC also monitors the feedback taken from the students and provides recommendations to the institutions for needful action on the same.

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. 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.

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

- 1) Regular monitoring of students for their regularity and learning by Batch teacher and Class teachers and through the Mentorship Programme
- 2) Monthly attendance reports are generated and reviewed.
- 3) Academic council board meetings are conducted to review the performance of students in Internal Assessment examination.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
3892	1462	270	160

(b) No. of students outside the state

3216

(c) No. of international students

122

Men	No	%	Women	No	%
	1414	51.34		1965	48.67

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1879	98	21	824		2803	1484	53	45	944		2526

Demand ratio : 1:1.38

Dropout: 7

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

- The students are provided with access to library facilities even after completion of course and allowed to use the resources of the institution.
- Colleges organize orientation classes for the competitive examinations and Guest lectures on competitive exams.
- Additional coaching for PG entrance examination (GPAT) oriented teaching
- UGs-Extra coaching
- SLET/ NET oriented teaching for PGs
- Industrial oriented teaching Industry & Institution interaction
- To facilitate campus selection through placement cell Web based guest lectures are organized.

No. of students beneficiaries

119

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT
IAS/IPS etc State PSC UPSC Others (PG Entrance)

5.6 Details of student counselling and career guidance

Career Guidance Cell

- In collaboration with Arivu India, Bengaluru, career guidance program was held for 98 B. Pharm, 30 Pharm. D and 95 M. Pharm students and training was provided on the relevant topics for a period of more than 8 weeks. The topics covered were Business correspondence, English language usage, Presentation skills, Body language, Team skills, Time management, Leadership, Assertiveness, Creative thinking, Group discussions, Personal interview.
- 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.

No. of students benefitted

727

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
13	129	51	371

5.8 Details of gender sensitization programmes

As a part of induction program, a session on gender sensitisation was organised with an objective of creating awareness among both the genders for their behaviour in work place. Talk was delivered by an eminent speaker Dr. N Jagadeesh, Professor of Forensic Medicine & Toxicology Vydehi Institute of Medical Sciences & Research Centre, Bangalore, on the legal issues associated with it.

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	6	2 lakhs
Financial support from government	144	37.57 lakhs
Financial support from other sources	119	81.55 Lakhs
Number of students who received International/ National recognitions	2	1.4 Lakhs

5.11 Student organised / initiatives

Fairs	: State/ University level	2	National level	0	International level	0
Exhibition:	State/ University level	1	National level	0	International level	0

5.12 No. of social initiatives undertaken by the students

159

5.13 Major grievances of students (if any) redressed:

The student's grievance redressal cell has addressed four 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. Students welfare officer is appointed at each of the constituent college and University Departments who report to the student welfare officer of JSS AHER.

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 JSS Academy of Higher Education & Research 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 IT department of the university manages the MIS with continuous updating of the same.

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

6.3.1 Curriculum Development

The Deemed to be University has initiated many academic programs which were first of its kind in the country and adopts a systematic approach through the various Boards of Studies and Academic Council to ensure uniqueness of each of its programs and courses. The curricular philosophy relies on defining the program outcomes, program specific outcomes and course outcomes of all the programs through the mechanism involving feedback obtained from the faculty, students, industry and other stakeholders. In the preceding year many programs have undergone revisions and several value-added programs have been added. Some unique programs like Dental Mechatronics and value-added programs like Basic Research Methodology have been added.

A few highlights of the quality initiatives adopted for curricular reforms are as below:

- Undergraduate and Postgraduate courses and research are given equal weightage based on relevance to National and Global needs.
- Increased number of courses and increased electives within courses of study have been updated according to the latest developments in the discipline and need based approach.

- Obtaining feedback from students, alumni and other stakeholders through formal and informal regular contact that ensures information about qualitative changes required in courses.
- Regular updating of curriculum based on current needs, feedback, model national/international curricula, societal needs and student expectations.
- Flexibility to slow learners and challenges to advanced learners is rendered.
- Inclusion of skills assessment and competency-based assessment during routine practical's, bed side discussions and internal examinations
- E lectures and health education material are uploaded to the institutional website
- Online teaching protocol
- Introduction OSCE in certain courses and MOCK Examination for MD Students
- DM – Curriculum Revision
- BSC – RDT – CBCS pattern
- Curriculum is developed with reference to prescribed guidelines & referring to standard Universities
- Exposure to Musculoskeletal Anatomy by Dissection of dead bodies in Anatomy Department to train new Post Graduate Students
- Development of new outcome-based PG curriculum
- Introduction of CBCS for BSc Allied Health science course
- Three faculty members are involved in development of curriculum for UGs, PGs and Allied Health Sciences
- One faculty is involved in curriculum development
- Student progression and skills is assessed on a regular basis with the help of various tools
- Clinical skills - assessed by day to day work, clinical meetings, clinical & procedural skills.
- Introduction OSCE (Admin Area Postings and Rounds Areas) MOCK Examination for MD Students
- Student progression and skills are assessed on a regular basis with the help of various tools
- Assessment of Clinical skills and observation of day to day work, clinical meetings, clinical & procedural skills.
- The Board of Studies in Management Studies has been reconstituted with revision of the regulations and syllabus based on 'Credit Based Choice System' for MBA Program and same has been introduced from the academic year 2018 onwards

6.3.2 Teaching and Learning

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

- Development of digital content for JSSU online learning platform
- Conduct Faculty Development Programmes (FDP's) for faculty through the center for continuous learning for professional excellence (CCLPE)
- Dental Education Unit (DEU), Centre for continuous learning for professional excellence (CCPLE) was inaugurated on 12th 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, evaluation checklists for Journal Clubs and Seminars by Guides and Faculty and clinical records at post graduate level teaching.

A few specific initiatives for improving quality of teaching-learning activities at individual institution and department are as mentioned below:

JSS Medical College

Undergraduate Degree Programs:

- Histology CD- Histology learning made easy.
- Video enhanced learning
- Plastinated specimens for teaching & learning
- Peer assisted tutorials
- Modified team-based learning in histology practical
- Identification and Learning support for under achievers
- Smart Surprise Spotter Test in Haematology
- Assignment- collage on Nobel laureates in Physiology
- MBBS Practical exercises revised
- Practical manual cum record for BSc I Sem, III-V Sem
- Family Health Advisory Survey for undergraduate students
- Innovative teaching techniques: Model making for undergraduate students, Role play, Blunder lecture, Mind mapping, Innovative games for rational use of antibiotics: Animation, Story building, Musical chair, Gang attack, Treasure hunt, Hit me right- Hit me hard, Museum- Model making, Poem composition, Jigsaw learning sessions for undergraduate students
- Adapt a family Initiative
- Vertical Integrated teaching.
- Innovative games for rational use of antibiotics – Animation, Story building, Gang attack, Treasure hunt, Hit me right- Hit me hard, Museum- Model making and Poem composition

Postgraduate Degree Programs:

- Participatory Research for Action
- Collage seminar for Post Graduate students
- Reflective Writing techniques
- Objective evaluation of PG performance in teaching programs.
- Hospital projects (trauma) and visiting (Observer ship – AIIMS & Manipal) and learning (HIC – Manipal)
- Annual Event - Mysore Orthopaedic Course for Exam going Orthopaedics Post Graduate students
- Orthopaedic Museum established for teaching of UG & PG
- Implementation of OSCE in PG exams
- **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
- **JSS DIAL** (Doctors interested in alternative learning) is a unique forum initiated by the department, which has 650 books where, Non-medical books are exchanged between faculties from various departments. Periodic Book Talk.

JSS College of Pharmacy, Mysuru

- Initiation of Pharmacy Education Unit
- Encouraging staff and students to take up MOOCs and NPTEL courses
- Workshops on outcomes and assessment
- Simulation labs and skills labs in certain department to make the understanding of the subject better and to improve the skills of the students
- Introduction of clickers: Real time assessment in classroom

JSS College of Pharmacy, Ooty

- ‘Integrated Teaching’ has been introduced on selected topics through module teaching of these concepts for three subjects followed by case presentations by students which was evaluated by physicians, nurses and the respective teachers.
- ‘Mind Mapping’ has been done on various topics to summarize the vital points of a 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.

Department of Water and Health

- Modern technology in the form of social media is incorporated into the teaching and learning process for the students.
- YouTube videos are used to help students with soft-skill training especially through the language program.
- The bioinformatics program uses computer lab to help the students learn programming skills.

Department of Health System Management Studies

- Hospital posting for work learning process
- Hospital visits for observational studies
- Guest talk and interaction with resources for specialised learning

6.3.3 Examination & Evaluation

The following Examination and Evaluation procedures are adopted by the institution

Examination procedures

- The pre-examination, examination, and post-examination activities have been defined and scheduled to enable clarity, targeted delivery, efficiency and precise monitoring. A detailed Examination manual has been prepared, outlining the standard operating procedures for the conduct of Examinations.
- Theory examination of all the courses of the constituent colleges is subjected to double valuation i.e. one external and one internal. The third valuation is carried out in case of variation beyond the accepted norms, as a standard practice.

Processes integrating IT

Following Information Technology and Internet Technology based resources and processes are being used by the University Examination wing for the benefit of all stakeholders (Students, Colleges, University):

- Enrolment and database of Examiners for the University Panel of Examiners is made online using customized Google forms for every faculty. Detailed data obtained through this are validated and subjected to scrutiny by the respective board of studies.
- An examination management software which can be customized and configured to different course structures is employed.
- This software has auto check system that ensures error-free operation. Procedures are streamlined and documents are standardized at each level. All colleges and departments are connected to university examination wing through a secured web-based application.
- Examination management software is used for student master generation, online student activation, student internal assessment marks entry by respective institutions, online fee payment, code generation, code slip generation, online practical marks entry, theory marks entry, decoding and result generation.
- Examination management software is also used for instant online result display, result analysis, and various other report generation.
- OMR scanner and software are employed for evaluation of Multiple-Choice questions
- Non-tearable, tamper-proof marks cards containing a microchip and multiple security features are being issued. These marks cards are unique, non-counterfeitable and e-verifiable using NFC.

Continuous internal assessment system

- Most of the courses have continuous internal assessment except Medical super-speciality & PG Courses, and Dental PG Courses. The marks secured in a continuous internal assessment are added to the University examination marks in the final award of the marks/grade at the end of the course.
- Components of continuous internal assessment include attendance, academic activities such as written tests, viva-voce, practical exercises, skill lab, quiz, assignments, open book test, field work, group discussion, seminar, practice school, record maintenance etc. These take into account a number of essential abilities such as drive and capacity for hard work, leadership, and team-work, motivation, quality of imagination, intuition, and speculation, skilled use of hands, etc

A Few specific initiatives for improving quality of examination & evaluation process adopted in the previous year are as mentioned below:

Undergraduates:

- OSPE & MCQ's as formative assessment tool and at the end of clinical postings.
- Open Book test for under achievers
- Periodic table test
- Stratified evaluation of internal assessment theory papers to avoid inter examiner variability
- Conducting additional tests for under achievers
- Model making competition, Exposure of UG students to molecular techniques.

Postgraduates & Super speciality courses:

- Conducting internal assessment for post graduates at the end of every two months
- Monthly test for 2nd & final year PG students.
- Paper minimum for PG theory exams.
- Change of practical examination, Procedures
- Structured Evaluation format for PG Clinical Seminars and JCs and Log Books, Area Postings and Rounds Checklists.
- Structured Evaluation format for PG Clinical Seminars.
- Clinico-Pathological studies and Interdepartmental case Studies
- DM –Nephrology – Yearly 1 internal exams (Total 3 in three years) with final exam at the end of three years as per the syllabus
- DM-Neurology: Special classes are organised for the students prior to examinations
- One Theory Internal Assessment test conducted at the end of each year.
- Mock Theory & Practical Exams are conducted for exam going students prior to the university exams.

Allied Health Sciences:

BSc – RDT – 6 months semester exams with 3 internals for each semester

JSS Dental College & Hospital

- 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 1st year of BDS course 2016-17.

JSS College of Pharmacy, Mysuru

- Introduction of OSPE and OSCE in the formative examination
- Feedback from External examiners and students regarding the examination for both UG and PG courses

JSS College of Pharmacy, Ooty

- Objective Structured Clinical Examinations (OSCE) has been introduced to the V year Pharm.D.
- Online MCQ tests have been introduced through the learning management system portals 'JSSUONLINE' and 'E-LEARN'.
- 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.

6.3.4 Research & Development

To inculcate and nurture the research culture at JSS AHER, the institution has adopted the following measures:

- Create adequate Research infrastructure
- Research Coordination Council
- Established 13 Special Interest Groups with focus on interdisciplinary approach
- Animal House Facility
- Central Research Facility
- Seed Money for Researchers
- CINE Sparkle Incubation Center
- PBAS with thrust on research
- Scientific Writing Workshops for faculty and students
- Research Endowments and Awards
- Clinical Trials Center
- Research Fund
- Strategies for enrolment to Research Programs
- Financial Assistance for attending Conferences

The specific quality initiatives to promote research in the preceding year were as below:

- Student Research Cell (SRC) initiative to train undergraduates to incline towards research
- Encourage faculty to take up more projects and faculty enrolment to PhD programs
- Procured equipment's for research facility under DST and DBT sanctioned funds
- Setup translational research program by bridging basic, clinical and population research to improve patient care and public health in Cancer Research, Diabetic and Metabolic syndrome Research, Cardiopulmonary Research, Sepsis and Critical Care, Biomarker and Therapeutics Development Center
- Diagnostics: Reference laboratory for Mysuru and neighbouring districts - New born screening, Established the genetic testing laboratory
- Signing of 11 Memorandum of Understanding (MoU) with institutes of repute for promotion of Research
- The Patent Cell of the University encourages the Postgraduates, PhD Scholars and Faculty with Innovative Research Activity to file Patents
- A 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.
- Regular sensitization of faculty to submit research proposals for different funding agencies
- Faculty are encouraged to attend the workshops on protocol writing and statistical analysis in various other institutions.
- CDSA –GCP Faculty Training
- Dissertation workshops for Post Graduate Programs
- Summer Research Programs for UG students

6.3.5 Library, ICT and physical infrastructure / instrumentation

The institution has developed and maintained libraries with all required academic resources including 24 x 7 internet facility with wide bandwidth, and electronic gateways for accessing and sharing electronic learning and teaching resources among researchers, teachers, students and the visitors. The library budget ensures that the latest editions of books and journal are continuously made available. The library also provides for book banks for the economically backward students. There is a continuous effort of the university to increase the acquisition of library electronic resources. Besides, the libraries also provide:

- 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.
- Computer workstations to provide online and Internet services to the faculty, research scholars, and students.
- The working hours of the library are: Medical College Library (9.00 a.m. to 11.00 p.m.), Dental College Library (8.30 a.m. to 11.00 p.m.), Pharmacy College, Mysore (8.00 a.m. to 8.00 p.m.) and Pharmacy College, Ooty (8.00 a.m. to 8.00 p.m.).
- Online facilities in Library are made available on the desktop in various departments through multiuser access at Central Computer Unit.
- Departmental Libraries and all reading areas too have Wi-Fi connectivity.
- Students having laptop can browse in the lounge areas of the library

Other facilities include –

- Reprographic facilities
- Barcoding and book search facilities
- Beverages and refreshments
- **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 provides a single platform to access the catalogues across all the constituent college and departments of the institution. The availability of titles and issue through RFID based smart identity cards is enabled to record footfalls and accession numbers.

6.3.6 Human Resource Management

The establishment section of the college monitors and co-ordinates with the establishment section of the University in management of HR.

Performance Based Appraisal System (PBAS) is carried out based on the guidelines of the UGC and recommendations of the IQAC which are essential for career advancement and general assessment of the performance of the faculty

Faculty who fall below the set Benchmark have been encouraged to improve themselves by attending faculty development programmes / workshops and continuing education programmes.

6.3.7 Faculty and Staff recruitment

The Institution intimates the Faculty position and the Vacancy position at the Deemed to be University using social media. The institution has laid down norms for the recruitment of teaching and non-teaching staff in alignment with 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 and as well as the workload and requirement of individual departments.

A faculty orientation programme is organized for all recruited faculty customized to the work area/specialization of the faculty. The orientation programme also enlists the job responsibilities and expectations of the institution and orients the faculty towards the Vision, mission and core values of the higher education institution.

The institution also encourages faculty participation in continuing education programmes as well as various national and international training programs, workshops and conferences. Skill development programs are organized for the non-teaching faculty of the institution.

6.3.8 Industry Interaction / Collaboration

The JSS AHER presently has 53 MoU's with national/International Institutes and Industries. The various activities carried out as a part of collaborations include student exchange, faculty exchange, offering joint programs, collaborative symposia joint research projects and publications. We have had students visiting our campuses as part of student and faculty exchange program from AIIMST University, Malaysia, LaTrobe University, Australia, Howard University, USA and Southern Illinois University Edwardsville, USA. The 8th Asian Association of Schools of Pharmacy conference was organized in October 2017 at JSS AHER in collaboration with 22 Institutions from Asia Pacific region.

A strong national and international linkage with the industry and institutions has fostered the culture of providing consultancy to the industry and 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 Health 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 equipment's 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 Paediatrics.

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 medical and dental programs in JSS Medical College and JSS Dental 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 for the Pharmacy programs is through a merit process based on the Entrance test conducted by JSSAHER and the merit list generated after consideration of marks scored in the entrance exam as well as qualifying examination. The selection of students for all other courses offered by the Institution is carried out based on the rank list prepared by the institution 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 all applications are being received online

6.4 Welfare schemes for

Teaching	04 (EPF, Gratuity, EDLI, GSLIC, Group accident policy, group gratuity)
Non-teaching	04 (EPF, Gratuity, EDLI, ESI, GSLIC Group accident policy, group gratuity)
Students	01 (Mediclaime Facility, Student Group accident policy)

6.5 Total corpus fund generated

4.69 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	ISO, ACPE, PCI, NBA, AICTE, ISO, NABL, NAAC	YES	AAA Committee comprising of Director (Academics), IQAC Members, Principals, HoD's and Department Coordinators
Administrative	Yes	ISO, ACPE, PCI, NBA, AICTE, ISO, NABL, NAAC	YES	AAA Committee comprising of Director (Academics), IQAC

				Members, Principals, HoD's and Department Coordinators
Finance	Yes	M/S Madhavan & Co. Chartered Accounts	Yes	Director of Accounts and Audit, JSS Mahavidyapeetha

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?

After discussion in the PG & UG Board of studies, proposals are approved and forwarded to the Academic Council of the JSS AHER. 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

- MCQ were introduced for the first time in the Final University examination
- Prefixed examination schedule for all courses offered by JSS AHER
- Digital reforms in preparing and maintaining external examiners database

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 college 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.
- Principal/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
- Student members are included in committees to get their opinion on respective matters.
- Through the established mechanisms of HOD and faculty meetings individual opinion is sought after, and corrective measures taken.

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. The alumni association also has generated a corpus fund to be used for the benefit of the institution.
- Sammilana JSS Dental College Alumni Association has constituted C.G. Raju Gold Medal Award through JSS University.
- An amount of Rs 1,00,000/- has been donated and the proceeds of which will be awarded as Gold Medal to the BDS topper at university convocation.
- Sammilana has contributed books worth Rs. 15,000/- towards the central library of JSS Dental College.
- On 9th June-2018 batch of 1987 visited Dental College premises and interacted with the students and the faculty.

6.12 Activities and support from the Parent – Teacher Association

- The institution has a Parent – Teacher Association which meets as per schedule addressing the issues related to student affairs.
- The mentorship programme has strengthened the PTA in view of teachers communicating more frequently with parents.
- 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.
- The parents are encouraged to participate in the induction program, cultural programs and the convocation programs and are oriented towards the institutional history, vision, mission and objectives along with the orientation to the program of study

6.13 Development programmes for support staff

- An awareness programme was organized for the support staff on the benefits of Employees State Insurance (ESI) scheme which is a social security and health insurance scheme.
- Training programme on tally was organized by JSS university and administrative and support staff of the institution were benefitted.
- Administrative staff of the institution was permitted to attend a personality development program organized by the University.
- Training programme on computer applications and English language was conducted for the support staff.
- Periodically the supporting staff are being trained in computer based administrative activities. The staff of accounts section undergone TALLY training and accounting practices.

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

The JSS AHER has its Green Policy which emphasizes on the following to be strictly followed in all its campuses.

- Maintenance of clean, green and smart campus – waste segregation and planned disposal of waste through authorized agencies only
- Disposal of biomedical waste, Chemicals, and e-waste as per the norms of the Karnataka State Pollution control Board
- Energy conservation strategies – For e.g. use of CFL/LED lights and Solar heaters and Air source heat pumps in the hostels
- Plastic-free campuses
- Conservation of water resources - Rainwater harvesting and wastewater treatment
- Reducing paper communication
- The HEI actively organizes Swachh Bharat Abhiyan and creates awareness and consciousness amongst students.
- Provision for natural light in all its buildings

The Institution also has included a subject Environmental Sciences in all courses as stipulated by UGC and organizes Environment Day and Water Day. The University believes in preserving traditional medicine and has established medicinal plants garden and promotes eco-friendly cultivation practices by organizing medicinal plants exhibition.

To meet the needs and sustainable management of fresh water, the rainwater harvesting, and utilisation systems have been established in all the campuses of the university to aid towards the greater objectives of water management and conservation and increasing recharge of groundwater by capturing and storing rainwater, rainwater harvesting from rooftop run-offs and natural waterbodies and the community development. The below-mentioned models are established in the various buildings based on the size of the building and the extent and topography of the land.

- Simple roof water collection systems - Most of the rooftop rainwater harvesting has been completed by constructing five water storage structures with a storage capacity of 1000 m³.
- Land surface catchments – a simple way of collecting rainwater by retaining the flows (including flood flows) of small creeks and streams in small storage reservoirs (on surface or underground) created by low-cost dams
- Collection of storm water – The surface runoff collected in stormwater ponds/reservoirs is subject to a wide variety of contaminants and every effort is made to keep these catchments clean

Criterion – VII

7. Innovations and Best Practices

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

JSS AHER Media Center

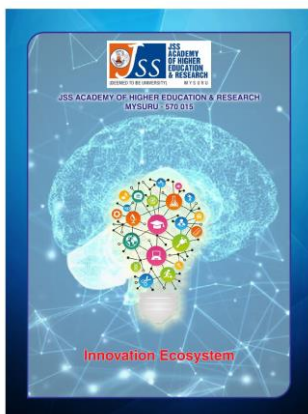
The JSS AHER Media Center was established with the following objectives

- To improve instruction, learning and use of educational media resources and facilities
- Upgrade instructional standards using the educational media center resources
- To provide information on new educational developments
- Creation/production of instructional materials to suit the special needs of teacher and student
- Upgraded research through media support to individual investigation and exploration
- Multi-media facilities with areas made available to students, teachers and the media staff.
- To assist in content development for distance learning programs and courses



The Media Center has been instrumental for creation of high-quality digital learning material which has been used for enhanced learning by the students. The Media Center has also assisted in preparation of videos by students which have been submitted for various competitions and also have been awarded for best video presentation.

Innovation Center



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

- Assessment and Accreditation for 2nd cycle of NAAC was due in this academic year and the Deemed to be University has successfully submitted Self Study Report (SSR) in the revised accreditation format guidelines
- Revision of several Policies for Promotion of Research, Environment Policy, Academic Integrity, Anti-Plagiarism policy, Publications and Patents Policy & IT Policy for JSS AHER.
- Infrastructure upgradation with construction of an Administrative Block of JSS AHER, renovation of the existing Deemed to be University building, renovation of the Hostel facilities and upgradation of sports ground
- 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 AHER at Varuna Hobli, Mysore district for development of new JSS AHER campus. Proposals have been submitted by architects for the development of the campus. Approvals are being sought from relevant authorities for initiation of the project
- NIRF Rankings - JSS AHER has been ranked at 37th Place in National Institutional Ranking Framework 2018 Rankings in the overall University category. The JSS College of Pharmacy, Ooty was ranked at 15th 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.
- NABH Accreditation (Entry level) for JSS Hospital
- Implementation of antibiotic policy and disinfection policy at JSS Hospital
- 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
- Joint interdisciplinary projects involving various departments across institutions have been submitted to various funding agencies for consideration

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

ANNEXURE III

7.4 Contribution to environmental awareness / protection

The following initiative have been undertaken by JSS AHER in the previous year towards contribution to environmental awareness and protection. The institution has a well-defined policy and guidelines for environment consciousness and protection

- Seed ball sowing: The NSS units have organized seed ball sowings of more than 4000 seeds among fertile forest lands
- Swachh Bharat Abhiyan Initiative – The NSS Units of constituent colleges are regularly conducting programmes under the swachh bharat Abhiyan for which the efforts have been appreciated in the media as well as by the public
- Conduct of environmental awareness and wildlife protection programmes during NSS special camps held at tribal villages and rural areas
- Promotion of use of LED lamps in the campus. All new installation are LED lamps and existing ones are being replaced with LED bulbs
- “Green Campus” initiative involving student’s 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
- Green Audits and Environmental Audits
- Rain water harvesting and charging of borewells

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:

- Academic excellence as exemplified by the Institutional positioning among the top 50 Universities in the Country in the NIRF Rankings 2016, 2017 and 2018. 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 three NIRF Rankings
- Dynamic and visionary Leadership provided by the authorities and officers of the Deemed to be University
- Good Governance driven by the expertise and wisdom of eminent personalities serving on the Board of management, Academic Council, Finance Committee, planning and Monitoring Board and other Authorities
- 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

Weakness:

- Limited National funding available for private organizations for nurturing advanced research
- Limited scope for introducing innovation in curriculum for programs offered under statutory bodies like MCI, DCI, RCI, etc.
- Lack of exemplary innovations.
- Limitations about the portability of credits from Universities abroad due to restrictions in the regulations provided by the statutory bodies governing professional programs

Opportunities:

- JSS AHER is respected for its quality of education and the leadership role it continues to play in the higher education space. This provides a position of advantage to the institution to progress aggressively in its various initiatives with regard to the establishment of innovative programs and is now forging stronger international collaborations.
- The Deemed to be University and its leadership enjoy a strong relationship with the industry and is leveraging the same towards realizing the objectives and characteristics expected of the higher education institution.
- The strong alumni base of the JSS University and the sponsoring society would be leveraged to attract the alumni to contribute to the institution towards excellence and help in the journey of being listed in the top 500 institutions of the world.
- The rich experience and the educational diversity that the sponsoring organization presently has, has helped the university in moving forward in establishing programs, facilities and resources without much delay or lag period

Challenges:

- Retention of junior level faculty.
- Creating an ecosystem that will not turn away meritorious students, especially from the weaker sections of the society
- Frequent changes in the policies of regulatory authorities and interference of civic courts

8.Plans of institution for next year

Academic Plans: JSS Academy of Higher Education & Research has been moved to Category I of the Graded Autonomy provided by UGC which allows for academic freedom for starting of new departments/programs within the ambit of the Deemed to be University. The institution plans to start the following Departments

- Department of Yoga
- Department of Sports Medicine
- Department of Nutrition and Dietetics

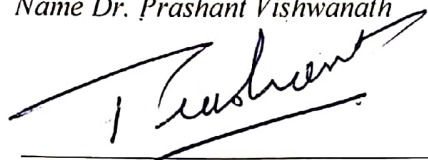
The Academic Section also plans to start new UG and PG programs in the areas of Medical Genetics, Psychology, Occupational therapy, Biotechnology, Yoga, Sports Medicine to name a few. The institution also intends to start 13 programs under the Open Distance Learning (ODL) platform

Research Plans:

- Expanding further collaboration with more National and International Universities and Institutes.
- To promote Inter-disciplinary and Extra-disciplinary Research approach.

- To develop a Bio-specimen repository of well characterized samples asthma, COPD, tuberculosis and lung cancer.
- To Continue building on collaborations and establish large Global Consortiums in common respiratory diseases such as pneumonia, TB, asthma, COPD, and lung cancer
- To maximize utilization of research grant opportunities through National and International funding agencies.

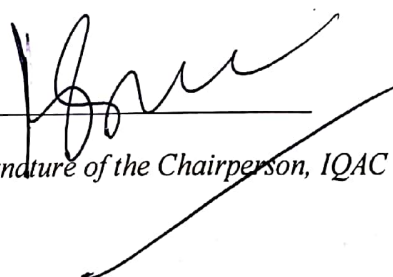
Name Dr. Prashant Vishwanath



Signature of the Coordinator, IQAC

Internal Quality Assurance Cell (IQAC)
JSS Academy of Higher Education
& Research, Sri Shivarathreeswara Nagar,
Mysuru-570015

Name Dr. B. Suresh



Signature of the Chairperson, IQAC

List of Annexures

Annexure I: Academic and Administrative Audit Report

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 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
JSS AHER-		JSS Academy of Higher Education & Research
MEU	-	Medical Education Unit
MCI	-	Medical Council of India
NAAC	-	National Assessment & Accreditation Council
NET	-	National Eligibility Test
NEET	-	National Eligibility & Entrance Test
NLM	-	National Library of Medicine
PBAS	-	Performance Based Appraisal System
PCI	-	Pharmacy Council of India
PEI	-	Physical Education Institution
RAF	-	Revised Accreditation Framework
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
