



JSS Academy of Higher Education & Research

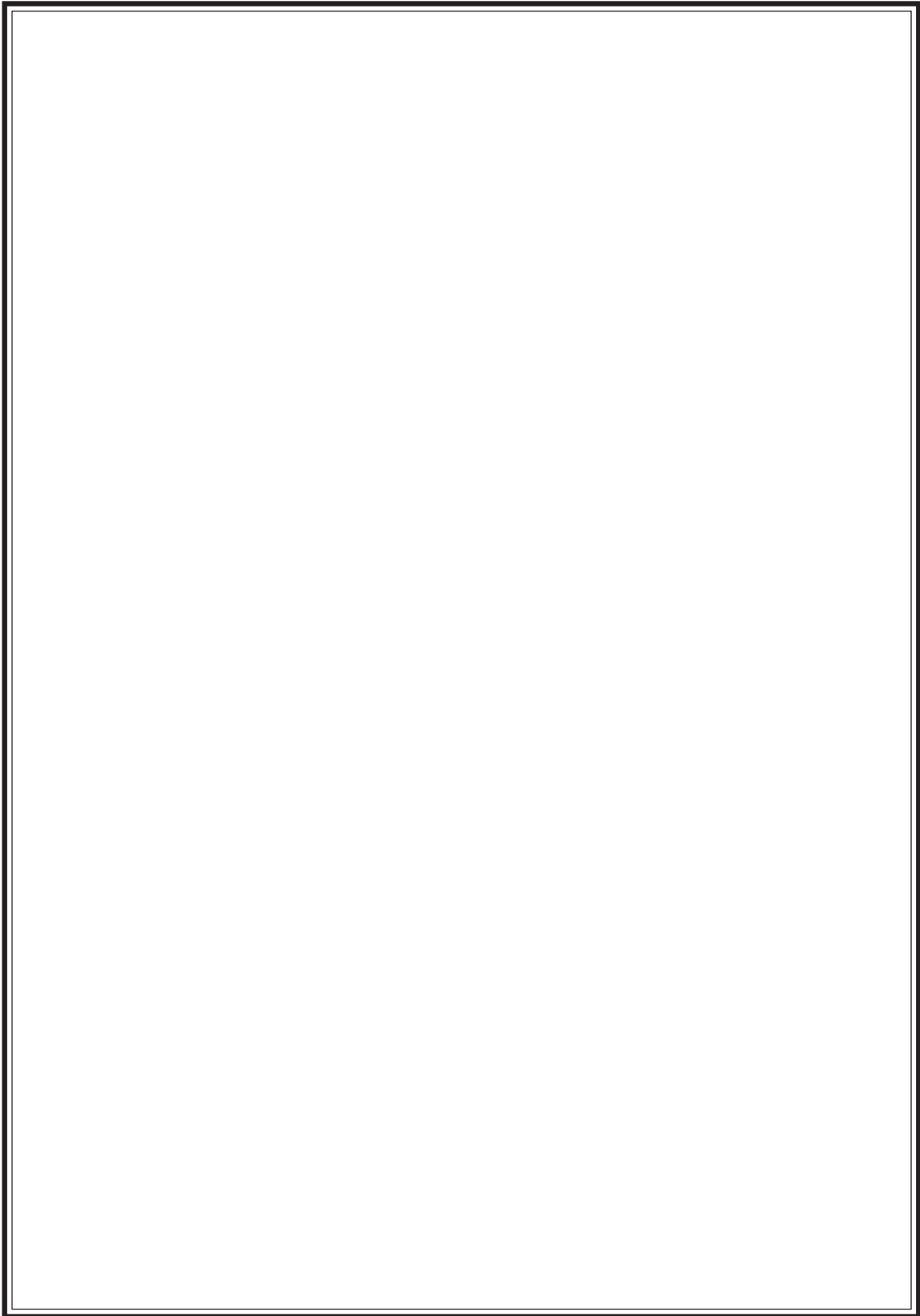
(Deemed to be University)
Accredited 'A' Grade by NAAC

JSS MEDICAL COLLEGE

(Constituent College)
Sri Shivarathreeswara Nagar, Mysuru-570015

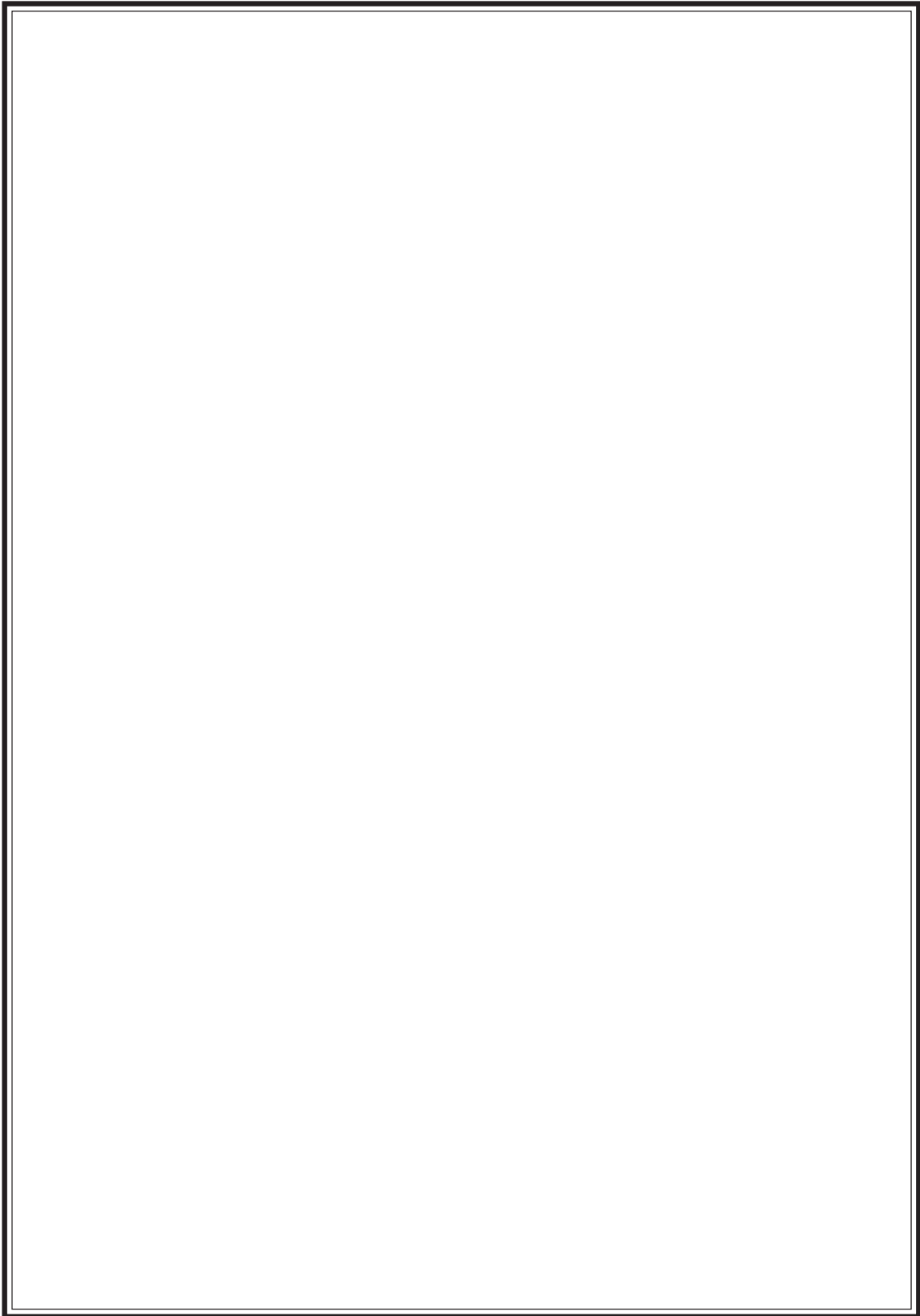
Academic Calendar Medical MSc, MSc Clinical Embryology and MPH Programs 2019-20

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JSS ACADEMY OF HIGHER EDUCATION & RESEARCH

Vision

To provide education that helps transformation of individuals and society.

Mission

The mission of JSS Academy of Higher Education 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.

ABOUT THE ACADEMY

JSS Academy of Higher Education & Research, formerly known as **JSS University**, is a deemed to be University located in Mysore, Karnataka. It was established in 2008 under Section 3 of the UGC Act 1956 and is part of JSS Mahavidyapeetha, which runs a variety of educational institutions. JSS AHER is recognized by MHRD and accredited by NAAC with A+ Grade with CGPA of 3.47 and with NIRF ranking of 34th in the Country. It has been awarded QS 4 stars for Overall and 5 Stars in 3 categories, namely Teaching, Facilities and Inclusiveness. Recently JSS AHER ranked 83rd among Young Universities in Times Higher Education 2019 and 4th in Atal ranking of Institutions on innovation achievements. It is also in rank band of 101-200 by Times Higher Education World impact ranking 2019. JSS AHER has been graded as category 1 Deemed to be University by UGC in the year 2018.

The four constituent colleges currently under the ambit of JSS University are the JSS Medical College, Mysuru, established in 1984; JSS Dental College, Mysuru, established in 1986, JSS College of Pharmacy, Mysuru, established in 1973, JSS College of Pharmacy, Ooty, established in 1980 and The Faculty of Life Sciences and Health system Management studies, established in 2013. JSS AHER has a vigorous and intellectually stimulating environment conducive for learning and reflection of knowledge, teaching faculty possess in depth knowledge and hands-on practical expertise in the areas of specialization. This experience coupled with practical learning methodology both in class room and laboratory setting provide an ideal mode of knowledge transfer. JSS Mahavidyapeetha, the sponsoring society is a citadel of learning with over 350 Institutions under its umbrella. The Institutions are spread across the States of Karnataka, Tamilnadu, Uttar Pradesh in India and in other parts of the world such as Dubai, Mauritius and USA.

Message from His Holiness Jagadguru Sri Shivarathreeshwara Deshikendra Mahaswamiji, the Chancellor of JSS AHER :

“A University is not just an institution for imparting knowledge and providing Skilled Doctors, Pharmacists, Allied Health Professionals and so on; it must take up the task of arousing the spirit of curiosity amongst its students - a burning desire to expand the frontiers of knowledge”.

Guided by this message, JSS AHER is at the forefront of providing not only the knowledge in various domains but also equipping their students with the tools for lifelong learning and performance for the good of the society.

JSS MEDICAL COLLEGE

Vision

To provide leadership in Medical education, research and contribute to humane and cost effective health care.

Mission

To produce a breed of globally competent medical professionals with strong urge to serve the humanity with the core values of sincerity passion towards lifelong learning, meaningful research and patient care guided by ethics.

The strategic plan of JSS Medical College is MANTRA

- ◆ Medical care with compassion
- ◆ Academic excellence
- ◆ Nurturing student quality
- ◆ Technology driven education and care
- ◆ Research and innovations
- ◆ Achieve continuous and lifelong learning

ABOUT JSS MEDICAL COLLEGE

JSS Medical College has emerged as renowned Institute in the country by providing Medical education of high standards and compassionate health care programs through internationalization, innovation in academic and research studies. Equipped with excellent state of the art infrastructure, laboratories and modern teaching aids, JSS Medical College is progressing towards greater heights. With the ardent support of experienced, qualified and dedicated teaching and support staff, JSS Medical College has bagged **17th position in the National Institutional Ranking Framework (NIRF) 2019.**

JSS Medical College offers undergraduate course in medicine (M.B.B.S) with annual intake of 200 seats and postgraduate degree (M.D and M.S) in 22 different medical disciplines along with 4 super specialty courses, DM Medical Gastroenterology, DM Neurology, DM Nephrology and M.Ch. Urology. Additionally, the institute offers 11 BSc Biomedical science programmes and M.Sc in 7 disciplines (Medical Anatomy, Physiology, Biochemistry, Pharmacology, Microbiology, Clinical embryology) and master's in public health (MPH). These courses are perfect blend of community oriented, problem-based learning with high quality clinical reasoning. The college also provides PhD programmes in Medical and Biomedical Sciences to promote research and developmental activities.

Education is the most powerful weapon which you can use to change the world.

- Nelson Mandela

Research

JSS Medical College with the support from JSS Academy of Higher Education & Research and Vision group of Science and Technology (Government of Karnataka) has established Centre of Excellence in Molecular Biology and Regenerative Medicine. Faculty have been successful in getting research grants sponsored from ICMR, DST, DBT, VGST (Government of India) Bill and Melinda Gates Foundation(USA) and JSS Academy of Higher Education and Research. Institution has Collaborations with various International premiere Institutions like Mayo clinic of USA, Khon Khaen University of Thailand, Quinnipiac University, USA, National Institute of Health, UK and publication of International standards. Annually more than 300 scientific papers are published in high quality journals. To promote research culture among undergraduate students, the Institution has started student research cell through which the students are trained to get successful research grants and publish the scientific data. Faculty, postgraduate and undergraduate students also present their scientific works at the National and International academic programs.

About Hospital

The JSS Hospital facility with 1,800 beds under one roof is one of India's biggest hospitals. It also has one of the biggest critical and emergency care facilities with 260 beds. The motto of the hospital is to uphold the value of human life and provide advanced and affordable healthcare to all sections of the society. **JSS hospital has been accredited by NABH in 2019.**

The hospital has state-of-the-art infrastructure and the most advanced equipment. It is a non-profit hospital and is dedicated to serving the poor and downtrodden with affordable and quality healthcare. The new facility is located in an area of 12.5 acres and has a built-up space of 12.5 lakh sq ft. The hospital provides service in 37 specialties/super specialties and has 67 special clinics. It plans to cater to the healthcare needs of more than 16,000 outpatients in addition to the existing number of 18,000 and 3,500 inpatients every month.

The new facility offers a wide range of diagnostic services and round the clock services in Hematology, Biochemistry, Clinical Pathology, Cytology & Histopathology, Microbiology & Serology, Radiodiagnosis & Imaging, Immunology and Immunohistochemistry(IHC).

All clinical services of the hospital are supported by 24×7 services like, in-house Central Sterile and Supplies Department, in-house Hospital Laundry, Drug Stores, Medical Gases, Security, Ambulance Services, Medical Record Department, Hospital Management Information System, Mortuary, Dietetics, Cafeteria, Public Relations & Telecommunications, Medico-Social Welfare Department, Voluntary Services (Helping Hand) and Clinical Trial Management Services.

The hospital is geared to provide excellent service in multi-disciplinary ICU, Surgical ICU, Isolation ICU, Pediatric ICU, Neonatal ICU, Cardiac ICU, Respiratory ICU, Renal ICU, Transplant ICU and Cardiothoracic ICU. These specialized intensive care units are specially staffed and equipped to provide the highest level of care to patients.

LIBRARY & INFORMATION CENTRE :

The College has an exclusive library with 43,834 collections covering all the branches of Medical Science like Anatomy, Physiology, Bio-chemistry, Pathology. Microbiology, Pharmacology Forensic Medicine, Community Medicine, ENT, Ophthalmology. Medicine, Surgery. OBG, Orthopaedics. Paediatrics, Dermatology. Radiology. Anesthesia, Psychiatry. Neurology Nephrology. Urology and general books. The library resources include a good collection of prescribed reference books, textbooks, recommended books, reference works like encyclopedias dictionaries, handbooks, directories, data books, journals back volumes, WHO-technical reports, project reports etc. The library subscribes to 267 National and International jour-nals, and has a fairly good collection of back volumes for reference and research works, project reports and dissertations.

Library being one of the very important organs of educational system is the center of all activities in the campus. Situated in an easily accessible place, it covers **3206 sq mts. With 638 seating capacity, and occupies Seven sections namely the reference, lending, journal, book bank, News Paper, office/technical section and digital section.**

JSS Hospital library is an extension of central/main library, which was established for ready /immediate reference for the benefit of clinical departments & students.

The College Library also provides:

1. Reference
2. Circulation of the documents
3. Literature search (Online and CD-ROMs Databases)
4. Wi-fi Internet Facility
5. On-line Databases

Clinical key Full text Online Database - provides access to :

1100+ books, 650+ full text Journals, 2900+ pharmacology monographs, 10000+ patient education handouts, 4500+ practice guidelines, 17000+ medical and surgical videos, Millions of Images, **MEDLINE** indexed Abstract and much more, etc.,

Scopus – Abstract Database	Provides provision to access e-journals and electronic databases, www.knowledgegenie.org
Knowledge genie – Abstract Database	

6. Reprographic Services
7. Inter library access facility
8. Book bank scheme

In addition to the information needs of the students the library also has separate book bank for socially and economically weaker persons who can avail this facility. The members will be permitted to access the other information center on request through inter library scheme.

The Library provides access ClinicalKey Online Full text Online Database i.e 1100+ full text books, 650+ full text Journals, 2900 pharmacology monographs, 10000 patient education handouts, 4500+ practice guidelines, 17,000 medical and surgical videos, MEDLINE indexed Abstract, Millions of Images and etc Scopus- Citation and Abstract Database, and

Knowledgegenine-Abstract Databaseto 3600+ e-journals, electronic corporate databases, news papers etc., and the library utilizes IT extensively to ensure that resources are accessible from anywhere at anytime. The library provides free Wifi internet browsing facilities for the benefit of the students and staff members and also interconnected with the other leading libraries/centers through the internet.

The library is computerized and has the software called “Easylib” which provides online access to catalogue information, databases and journal information. It has adopted open access system & maintains OPAC in the stack. The Smart Campus package has been successfully implemented for the circulation activities, by using the barcode. All the books of library are bar-coded.

The complete classification and the subject wise arrangement using Dewey decimal classification has been made. The library is completely automated with barcode for comput-erized circulation and OPAC through intranet and internet.

A CD-ROM information center is also maintained for the benefit of the students. The library also maintains a good collection of CDs in different subjects.

Visitors as well as outsiders can also make use of the library through identification and payment of some fees.

Working Hours College and Hospital Library

College Library	Monday to Friday	9.00 am to 12.00 pm
	Saturday	9.00 am to 11.00 pm
	Sunday & other	9.30 am to 11.00 pm
	Holiday's	
Hospital Library-for Reference	Monday to Saturday	9.00 am to 11.00 pm
	Sunday & other	9.00 am to 2.00 pm
	Holiday's	

During the examination period the library timings will be extended

The Library provides access the Online Database

Scopus- Citation and Abstract Database is the abstract and citation database of peer reviewed literature and scientific journals, books and conference, proceedings. Delivering a comprehensive overview of the worlds research output in the field of science, technology, medicine, social science and arts and humanities, Scopus features smart tools to tract, analyze and visualize research, scopus has 66 million records dating back to 1823, 72% of these containing reference dating from 1996. It covers 22748 peer reviewed journals, 558 book serials 320 trade journals, 707 million conference papers and 28 million patents. etc www.scopus.com

Clinical Key Online Full text Online Database covered 1100+ full text books, 650+ full text Journals, 4500+ pharmacology monographs, 10000+ patient education handouts, 4500+ practice guidelines, 13000+ medical and surgical videos, MEDLINE indexed Abstract and etc and www.clinicalkey.com

Knowledgegenine-Abstract Database to 3600+ e-journals, electronic corporate databases, news papers etc., and the library utilizes IT extensively to ensure that resources are accessible from anywhere at any time. www.knowledgegenie.org

LIBRARY RULES

Guidelines/procedure for Reference and circulation of library books for students.

A. General procedure/guidelines :-

- i. The Students should submit the details viz., Name, Course, Year, Department, Address for correspondence, e-mail, and a recent passport photograph, to Library Office for the purpose of library database and ID card generation.
- ii. ID card should be collected from the library office.
- iii. The college ID card which acts as Library Card is Not Transferable.
- iv. Students should show ID card for reference and borrowing library books
- v. Students are required to deposit their personal belongings at the property counter at their own risk. The library is not responsible for any loss or damage. Bringing the bags, files, aprons, personal books inside the library is strictly prohibited.
- vi. All the students are requested to sign in the entrance register before entering the library.
- vii. Library books should be handled with utmost care. Nobody should write, mark, damage or make any note in the library books. In case of loss of books/missing pages/damage, double the amount of the current price of book will be collected.
- viii. In case of loss of ID, a duplicate card will be issued on payment of Rs.200/-
- ix. Every Student should clear all the dues and obtain a "No Dues Certificate" at the end of every academic year.
- x. Suggestions for purchasing books and improving the library services are most welcome.

B. Reference Section procedures:-

A List of recommended reference books are kept in the library. Students should have ID card for reference. After reference readers are requested NOT TO REPLACE any book on the shelves. As all are aware that the library is a place of individual study and research, members should maintain an atmosphere of dignity, peace and silence within the library premises.

C. Circulation Section Procedures:-

For issuing the books, students have to produce the ID card along with the required book. Student should sign in the Book Card mentioning the Date, Membership Number/roll number. After necessary checking, the library staff will issue the book by stamping the due date on the due date slip.

PG/UG Students are eligible to borrow two library documents/books. The books will be issued for 15 days; it will be renewed if document is not in reservation list. The students are not eligible to borrow the loose issues journals/magazines, Back Volumes, Project Report and Audio Visual materials. The borrower is fully responsible for the books borrowed on his/her ID cards.

The students are required to return or renew the book on or before the due- date mentioned on the slip. The library may recall a book at any time before its due date, in case there is a demand by the teaching staff.

Library will charge Rs. 5/- as overdue per day/book/per week, after one week the charges will be Rs. 25/- per day/book. In case borrowers lose the book/s issued to them, they should report it immediately in writing to the Librarian to avoid accumulation of fine. The borrower has to replace the same or liable to pay the cost of the book plus the prescribed overdue charges. The library service will also stand terminated until they completely settle their dues.

If a book belonging to a set is lost, the borrower will be charged for replacing the entire set. Absence and illness are not an acceptable excuse for exemption from paying an overdue charge. In calculating the overdue charges, only institute holidays are left out of the reckoning. If the due date falls on an Institute holiday, the book may be returned on the next working day, without any overdue charges. Lending of books will be stopped two week before the final exams for the students.

The user is requested to check the physical condition of the book before borrowing and if there are any damage/s they should be brought to the notice of the librarian immediately, If not, the borrower will be held responsible for any missing pages/damage/ s of the book at the time of return.

Students should return all books borrowed from the library before proceeding on any kind of long leave. Students should not sub-lend the books borrowed from the library.

About Medical MSc and M.Sc. Clinical Embryology Programs

Master of Science (M.Sc.) is a postgraduate level programme offered in Medical subjects like Anatomy, Physiology, Biochemistry, Pharmacology and Microbiology. The programme provides advanced theoretical as well as practical knowledge in these subjects. MSc course content in classes is imparted through various means such as lectures, projects, seminars and Journal club and practical training. Pursuing an MSc course primarily helps students enhance their knowledge of a particular subject area. The course helps students not only specialising in a particular discipline but also boost to the career of students.. An MSc qualification also helps students crack more lucrative job opportunities as compared to what students get with a BSc degree. Students can enroll for Ph D and actively take part in Research.

M.Sc. Clinical Embryology is an recognised qualification that provides academic and professional development for students. In this course, candidates will develop the practical skills, knowledge, and critical awareness required to pursue their career in this particular subject. Training includes involvement in laboratory and experimental work, and research studies. The programme allows students to gain a wide breadth of knowledge that can give them confidence in their subject and allow skills to be transferred to the workplace.

The enhancement of academic understanding of clinical embryology gained through the programmes provides good prospects for promotion and mobility in the workplace and for application to other positions. Due to the increased demand for infertility treatment, there has been a substantial growth in the demand for high quality laboratory and clinical staff in this area. Following successful completion of the MSc, students can apply for a training position in ART for example in embryology and/or andrology. Alternatively, the course would provide ideal preparation for undertaking a PhD or applying for a research position. Clinically qualified graduates would gain valuable skills to enable them to specialise in reproductive medicine and assume responsibility within an ART Clinic.

Dr Jayshree S MSc Clinical embryology Co-ordinator Associate Professor Department of OBG JSS Medical College and Hospital Sri Shivaratheeshwara Nagara Mysuru -570015	Dr Vidya C S Medical MSc Co-ordinator Associate Professor Department of Anatomy JSS Medical College Sri Shivaratheeshwara Nagara Mysuru -570015
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About Masters of Public Health

Creation of a dedicated **Public Health Cadre** has been identified as one of the critical prerequisites in achieving the Sustainable Development Goal envisioned by the UN general assembly. To this end, Public Health professionals are key players in bridging the gap between the clinical and managerial aspects of the implementation of health programs across the world, in various preventive, promotive, curative, and rehabilitative settings. Public Health Programs entail an enhanced focus on the study of disease epidemiology, various determinants

of health, and emerging challenges in health, public policy making and program management locally and globally.

Upon completion of the program, candidates will acquire following competencies:-

Analytical, assessment and research skills; policy planning and development skills; communication skills for advocacy; skills in dissemination and evaluation of Public Health data and information; and financial planning and management skills for managing national and international level Public Health programs.

Duration of the program: Two years (Four Semesters including Dissertation and Internship)

Program Outline: 16 Core modules + 3 electives (Out of six)

Career Opportunities: Graduates of MPH can work in the roles of Program manager, project coordinator, epidemiologist, research assistants in national, state and district government health organizations, Non-Government Organizations (NGOs), international agencies including WHO, UNICEF, UNDP, MSH, JHPIEGO, and BMGF, Public Health research institutes, and pharmaceutical companies, CSRs etc

Dr Anil Bilimale
MPH Program Co-ordinator
Assistant Professor
Department of Community Medicine
JSS Medical College
Sri Shivaratheeshwara Nagara
Mysuru -570015

RULES & REGULATIONS

Important Note:

Ragging is prohibited as per the decision of the supreme court of India in write petition no. (c) 656/1998. If an incidence of ragging comes to the notice of the authority , the accused student will be given an opportunity to explain and if the explanation is not satisfactory the authority will initiate suitable action against the accused student".Also sexual harassment is strictly prohibited as per UGC guidelines & is punishable under various provisions of IPC.

Bus Timings

College to Hospital	No. of Bus	Hospital to College	No. of Bus
08.20 am	01	04.15 pm	01

DISCIPLINE :

Discipline and punctuality are the two basic requirements to become a good post graduate. The students should be regular and punctual for the teaching.

DRESS CODE:

GIRLS : Should be dressed in Chudidars or Sarees only with hair combed neatly. (Scarf if any to be worn inside the apron).

BOYS : Should be dressed in formal shirts, trousers and leather shoes and will be well groomed with short hair. Jeans pants not allowed.

INTERNATIONAL STUDENTS : Should also dress formally and which is acceptable regionally.

ANYTHING OTHER THAN THE ABOVE IS NOT ALLOWED :

Nails are to be trimmed and not to be painted. **Cell-phone** usage by the students is not allowed in the college premises. Neat aprons with identity cards on upper left side shall be worn in the college and hospital premises.

DURATION OF THE COURSE :

Medical MSc course – 3 years and MSc Clinical Embryology 2 years.

MPH-The total duration of the course is slated for 2 years (around 4 semesters) full time with internship and dissertation

ATTENDANCE :

Candidates should have attended at least 80% of the total number of classes conducted in an academic year, from the date of commencement of the term to the last working day, as notified by the JSSAHE&R, in each of the subjects prescribed for that year, separately in theory and practical, to be eligible to appear for the JSS AHER examinations.

M.Sc. Clinical Embryology Candidates shall have attended at least 80% of the total number of classes conducted from the date of commencement of the term to the last working day, as notified by the JSS AHER, in theory and clinical training jointly, to be eligible to appear for the JSS AHER examinations. Candidate lacking in prescribed percentage of attendance in theory and clinical training jointly will not be eligible to appear for final examination in that subject. However candidate shall put in required attendance in subsequent term and appear for JSSAHER examination

MPH : Candidates shall have at least attended 80% of the total number of classes conducted in each semester for theory and practicals separately from the date of commencement to the last working day as notified in all the papers collectively.

INTERNAL ASSESSMENT :

Medical MSc Course (50 marks in each subject) : Three tests, 1st IA at the end of 3rd month, 2nd internal at the end of 6 month, 3rd internal exam at the end of completing 1 year course. Average of best of two is taken for internal assessment. A candidate should get minimum 35% IA marks to take the final JSS AHER exam. Improvement Internal assessment shall be conducted for repeaters for the next JSS AHER examinations.

MSc Clinical Embryology : There shall be minimum two periodical tests in theory for Modules 1, 2 and 3 spread over evenly in first term. The Average of the two tests will be calculated and submitted to the JSS AHER. Students shall secure 35% marks to appear for the final exam for Modules 1, 2 and 3.

One theory and practical internal assessment examination will be conducted in second, third and fourth term for modules 4, 5 & 6 at GARC Bengaluru. Average of the three internal assessments shall be submitted to the JSS Academy of Higher Education & Research at least 15 days before the commencement of final exam. The Records and marks obtained in such tests will be maintained by the Head of the Departments. A Mock exam will be held one month before the final exam for modules 4,5 & 6 to see if students are eligible to attend the final exams. For candidates who has failed in final examination shall be given an internal assessment improvement test and the best marks shall be submitted to JSS AHER.

Dissertation Work

During the course of study every candidate has to prepare a dissertation individually on selected topic under the direct guidance and supervision of a recognised post graduate teacher

The suggested time schedule for dissertation work is:

- ◆ Identification and selection of topic for dissertation - in first 4 weeks.
- ◆ Preparatory work for dissertation /synopsis and submission of the synopsis to the Ethical clearance within first 6 months from the beginning of Second year as per the dates notified by the Ethics committee.
- ◆ Data collection for dissertation. Writing the dissertation in the following 1 year.

Submission of dissertation

The dissertation shall be submitted to the controller of examination of the JSS AHER three months before final examination or as per the dates notified.

MSc Clinical embryology students shall submit the project at the end of second year.

About MPH Program

Continuous Internal Assessment (CIA): The Continuous Internal Assessments may be in the form of a combination of periodical tests, assignments, seminar and % of attendance. Such schedule for CIA procedure will be displayed on the notice board in the beginning of the semester. The course teacher shall intimate the internal mark of the candidates and their attendance detail to the student through notice board. There shall be a minimum of two internal assessment (IA) in theory and practical examination per subject, across all subjects each semester. The average marks of the two IA examination shall be submitted to JSS AHER at least 15 days before the commencement of the end semester examination. Candidates require a minimum of 40% marks for advancing to the next semester or to graduate. Based on this detail and CBCS regulation, the Controller of Examinations will issue hall ticket (admit cards) for end semester examination, through HOD. During the fourth semester, CIAs of all semesters related to the professionalism, values and communication shall be compiled from all the faculty and an average score shall be assigned.

Details of Sessional Assessment/ Internal Assessment for Sem I, II, III (25 marks)

Examination	Assessment	% Marks
Test	Average of best two test performance	40
Assignment(Field visit reports, etc)	Average of the submitted	20
Seminar	Presentation on a given topic (Average score)	20
Attendance	Per semester	20

The question paper for the test, topic of the assignments and seminar will be assigned by the respective course teacher. All tests will be conducted only on prior notice in the respective departments. The exact date and timing will be announced by the HOD at the start of the semester. The internal marks for attendance is as follows:

80-85% of attendance	2 marks
85-90% of attendance	3 marks
90-95% of attendance	4 marks
95-100% of attendance	5 marks

Details of CIA in Semester IV for 75 marks:-

Examination	Assessment	% Marks
Professionalism, Values, Communication, Achievements	Average of the conduct from four semesters as assessed by all faculties including place of internship	40
Assignment (Field visit reports, Resume building, Synopsis timelines etc)	Average of the submitted	20
Seminar, Mock Interview assessment	Presentation on a given topic (Average score)	20
Attendance	Per semester	20

Note: Paper presentations in conferences, publishing of articles, awards, performance in sports, extra-curricular activities, etc throughout the course will have weightage and will be recognized in IV semester as achievements

Enhancing report writing skills, soft skills, leadership and communication skills will be the key to achieve good marks during CIAs.

DISSERTATION

Candidates should submit their project plan and preliminary time scale with their chosen **topic** for dissertation at the end of the first semester to their mentor/tutor to seek appropriate approvals before embarking on the full investigation and project. In the *second month* of the *second semester*, **synopsis** must be submitted according to the standard guidelines of JSS AHER. During the *IV semester*, **data collection and analysis** will be done. At the end of the four months of fourth semester, candidates will submit their dissertation on previously chosen and approved topic for assessment. The soft copy shall be sent to external examiner for evaluation. This will be a 10-credit course. The dissertation will be evaluated by an internal examiner (60% weightage) and an external examiner (40% weightage) including a defence and viva-voce.

Examination Rules

During Theory Examinations:

While writing theory examinations the students are advised to observe the following :

- * Must make a Note of correct timings of the examinations and attend accordingly.
- * Should bring the admission tickets to the hall every day. They should read the instructions given in the admission tickets and act accordingly.
- * Should not wear aprons.
- * Should not carry mobiles, any electronic gadgets, chits, slips or any written matter into the hall.
- * Students should not reveal their identity in any manner and only the registration number is to be written on the first page in the given box.
- * Should not do any act, which may make them liable to be booked under malpractice.

During Practical Examinations:

- * They should wear neat white aprons.
- * Bring the admission tickets with them on each day of the examination.
- * Bring the required instruments and other accessories.
- * Bring the record books of work done which are duly certified by the Head of the department.

SPECIAL NOTE FOR ALL STUDENTS

Students going for trips / excursions shall take prior permission from Principal by giving an undertaking.

SCHEDULE OF FEE PAYMENT FOR 2018-19 BATCH

SL.No.	Course	Year /Term	Fee payment due date
1.	M.Sc. (Medical)	II year	1 st July'2019 to 31 st Aug'2019
2.		III Year	1 st July'2020 to 31 st Aug'2020
3.	M.Sc., (Cl.Embryo)	II year	1 st July'2019 to 31 st Aug'2019
4.	MPH	II year	1 st July'2019 to 31 st Aug'2019

SCHEDULE OF FEE PAYMENT FOR 2019-20 BATCH

1.	M.Sc. (Medical)	II year	1 st July'2020 to 31 st Aug'2020
2.		III Year	1 st July'2021 to 31 st Aug'2021
3.	M.Sc., (Cl.Embryo)	II year	1 st July'2020 to 31 st Aug'2020
4.	MPH	II year	1 st July'2020 to 31 st Aug'2020

NOTE:

- ◆ Students will not be allowed for class without payment of fee within the due date.
- ◆ Students will not be entitled for attendance without payment of fee within due date.

Our greatest weakness lies in giving up. The most certain way to succeed is always to try just one more

Academic programs offered

Medical MSc Anatomy
Medical MSc Physiology
Medical MSc Biochemistry
Medical MSc Pharmacology
Medical MSc Microbiology
MSc Clinical Embryology
Master of Public Health

Calendar of events of 1 year Medical MSc Course

Term Commencement	2 nd August 2019
Induction Programme	2 nd August 2019
Duration	One Year
Vacation	22 nd Dec to 30 th Dec 2019 tentatively
I Internal Assessment	First week of November 2019 tentatively
II Internal Assessment	First week of February 2020 tentatively
Final Internal Assessment	First week of May 2020 tentatively
JSS AHER Examinations	2 nd week of June 2020 tentatively

Calendar of events 1 term of MSc Clinical Embryology Course

Term Commencement	2 nd August 2019
Induction Programme	2 nd August 2019
Duration	6 months
I Internal Assessment	Second week of September 2019 tentatively
II Internal Assessment	Second week of November 2019 tentatively
JSS AHER Examination	2 nd week of December 2019 tentatively

Calendar of events for MPH Program

Semester I	Aug	Sep	Oct	Nov	Dec	Jan
	Induction	Elective Selection	Internal I	Dissertation topic and timeline approval	Internal II	Exam/ Semester Holiday
15 days semester break						
Semester II	Feb	Mar	Apr	May	Jun	Jul
	Elective Selection	Synopsis Submission with Ethics committee approval	Internal I		Internal II	Exam/ Semester Holiday
1 month – Semester break Optional Swacch Bharath Internship (15 days - 2 Credits)						
Semester III	Aug	Sep	Oct	Nov	Dec	Jan
	Semester Holiday/ Elective Selection	Internship location finalization	Internal I		Internal II	Exam/ Semester Holiday
15 days semester break						
Semester IV	Feb	Mar	Apr	May	Jun	Jul
	Dissertation & Submission				Internship/ Exams	

Time table for first year Medical MSc course

Days	9,00 am-10 am	10am-11am	11am-12pm	12pm-1pm	2pm - 4pm
Monday	_____	Anatomy Theory	Physiology Practical		Anatomy Dissection
Tuesday	_____	Anatomy Theory	Physiology Theory	_____	Physiology Tutorials
Wednesday	Biochemistry Theory	Biochemistry Theory	Physiology Theory	_____	Biochemistry Tutorials
Thursday	_____	Physiology Theory	Biochemistry Theory	Anatomy Theory	Anatomy Tutorials
Friday	_____	Physiology Theory	Anatomy Practical		_____
Saturday	Biochemistry Practical		_____		

Subjects and hours of teaching for theory and practicals in first year

Sl No	Subjects	Theory hours	Practical hours
1	Anatomy	120	40
2	Physiology	120	40
3	Biochemistry	120	40

Pattern of JSS AHER Examination

Theory			
Type of questions	No of questions	Marks for each question	Total
Long essay	2	10	20
Short essay	10	5	50
Short answer	10	3	30
Total Marks			100

Schedule of Examination

The JSS AHER examination for M.Sc courses shall be held at the end of first year for Anatomy, Physiology and Biochemistry. At the end of third academic year individual papers for each course will be held separately. **No Practical examination for I year M.Sc (Medical) students.** Practical examination for final year will be for 200 marks and 100 marks for pedagogy and dissertation discussion. Total marks for Practicals are 300 for each course.

Criteria for declaring as pass in final examination for 1st year :

A Candidate should get 50% marks in each subject (Theory including IA marks). A candidate securing less than 50% of marks as described above shall be declared to have failed in the examination. Failed candidate may appear in subsequent examination upon payment of examination fee to the JSS AHER. A successful candidate is awarded pass class irrespective of percentage, as these marks will be considered while awarding the class at the end of final year.

Distribution of papers for final year Medical MSc Anatomy

COURSE	PAPERS	MARKS
Medical MSc Anatomy	Paper I -General Anatomy, Gross Anatomy and applied Anatomy	100
	Paper II- Embryology with teratology, Histology, Comparative Anatomy and Anthropology	100
	Paper III- Neuroanatomy, Histological technique, Museum and embalming techniques including Medicolegal aspects and Human Genetics.	100

Distribution of papers for final year Medical MSc Physiology

COURSE	PAPERS	MARKS
Medical MSc Physiology	Paper I -General physiology including nerve, muscle and cardiovascular physiology and blood and applied aspects	100
	Paper II - Physiology of Respiratory, renal and gastrointestinal and skin and body temperature	100
	Paper III. - Physiology of Endocrine, Reproductive, Central nervous system and special senses	100

Distribution of papers for final year Medical MSc Biochemistry

COURSE	PAPERS	MARKS
Medical MSc Biochemistry	Paper I - Chemistry & techniques	100
	Paper II - Intermediary metabolism	100
	Paper III. - Clinical Chemistry & Nutrition	100

Distribution of papers for final year Medical MSc Pharmacology

COURSE	PAPERS	MARKS
Medical MSc Pharmacology	Paper I - General and clinical pharmacology including Basic research.	100
	Paper II - Systemic Pharmacology I	100
	Paper III. - Systemic Pharmacology II	100

Distribution of papers for final year Medical MSc Microbiology

COURSE	PAPERS	MARKS
Medical MSc Microbiology	Paper I - General Microbiology and immunology	100
	Paper II - Systematic Bacteriology & Parasitology	100
	Paper III. - Virology and Mycology	100

Final Examination : A candidate should get 50%marks in (1) Theory, (2) Practical and viva-voce examination separately. A candidate securing less than 50% of marks as described above shall be declared to have failed in the examination. Failed candidate may appear in any subsequent examination upon payment of fresh fee.

Those candidates who fail in one or more subjects shall have to appear only in the subject so failed, in the subsequent examinations. A candidate shall score 50% marks in Practicals including Viva voce to be declared Pass. A candidate if failed in Practicals including Viva voce and passed in theory, candidate needs to repeat only Practicals including Viva voce.

Award of Degree : A candidate who has passed all the subjects of first year and final year shall be eligible for award of Degree

Time Table for First term M.Sc Clinical Embryology

Days	Theory (10.00AM to 12.pm)	Practical (2.00 PM to 4.00 PM)
Monday	Biochemistry	OBG POSTINGS (Hospital)
Tuesday	Physiology	Statistics
Wednesday	Anatomy	OBG POSTINGS (Hospital)
Thursday	Pharmacology	OBG POSTINGS (Hospital)
Friday	Microbiology (Hospital)	OBG POSTINGS (Hospital)
Saturday		

Schedule of Examinations : The JSS AHER Examination for **M.Sc Clinical Embryology** shall be held at the end of I term and IV term

Subjects and hours of teaching for Theory and Practicals

Table I : Distribution of subjects and teaching hours in I Term

SI No	Modules	Subjects	Theory hours
1	Modules 1	Section A: Anatomy Section B: Physiology	30 30
2	Modules 2	Section A: Biochemistry Section B: Pharmacology	30 30
3	Modules 3	Section A: Microbiology Section B: Statistics	30 30

Table II : Distribution of subjects and teaching hours in II, III and IV Term

Sl. No.	Modules	Subjects	Theory hours	Clinical training
1	Modules 4	Embryo development and Infertility	60	200
2	Modules 5	Laboratory techniques	60	
3	Modules 6	Good laboratory practice and recent advances	60	

Distribution of marks for JSS AHER Examinations.

I Term

SI.No.	Modules	Subjects	Theory Paper	IA
1	Modules 1	Section A: Anatomy	40	10
		Section B: Physiology	40	10
2	Modules 2	Section A: Biochemistry	40	10
		Section B: Pharmacology	40	10
3	Modules 3	Section A: Microbiology	40	10
		Section B: Statistics	40	10

IV Term

SI.No.	Modules	Subjects	Theory Paper	IA	IA Practicals	Final Practicals	Viva voce on project and subjects
1	Modules 4	Embryo development and Infertility	80	20	40	160	20 + 80
2	Modules 5	Laboratory techniques	80	20			
3	Modules 6	Good laboratory practice and recent advances	80	20			

Combined Practical examination for modules 4,5 and 6.

Question paper pattern for 40 marks

Marks	No. of questions	Total marks
10	01	10
05	03	15
03	05	15
Total marks		40

Question paper pattern for 80 marks

Marks	No. of questions	Total marks
10	02	20
05	06	30
03	10	30
Total marks		80

Time table for first semester MPH Program

Day	8-9am	10-11am	11-12pm	12-1pm	2-3pm	3-4pm	4-5pm
Monday	————	Field Visits/ Synopsis Work			Theory Class	Theory/ Statistics	Theory Class
Tuesday	————	Visit to UHC			Theory Class	Theory/ Statistics	Theory Class
Wednesday	3rd term Theory	Group Discussions/ Synopsis Work	MD Seminar		Theory Class	Theory/ Statistics	Theory Class
Thursday	————	Visit to PHC			Theory Class	Theory/ Statistics	Theory Class
Friday	7th term Theory	Group Discussions/ Synopsis Work	MD Seminar		Theory Class	Theory/ Statistics	Theory Class
Saturday	————	Group Discussions/ Synopsis Work	MD Seminar		————		

Semester wise hours of teaching and credit hours

Suggested calendar of activities (1 month ~ 120 teaching hours @ 6 hours per day* 5 days a week + Saturdays ~ 3 teaching hours * 4 weeks)

1 hour theory/week = 1 credit ; 2 hours practicals/week = 1 credit

1 hour theory/practical teaching: 3 hours of self directed study

Semesters	Months	In/out Campus	Approximate division of Teaching/practical hours	Credits
Semester 1	6 months	In campus classes	~ 600	26
Semester 2	6 months	In campus classes	~ 600	26
Semester 3	6 months	In campus classes	~ 600	26
Semester 4	4 months	Research, Submission and defense of dissertation	~ 480	10
	2 months	Internship	~ 240	6
TOTAL				94

1. End semester Examination:

a. JSS AHER Examinations: The JSS AHER shall conduct theory and practical examinations for the core subjects at the end of each semester. The candidates, who satisfy the requirement of attendance and Internal Assessment shall be eligible to appear for end semester examination.

b. Non JSS AHER Examinations: Examinations for elective subjects shall be conducted by the department and the marks obtained shall be submitted at least 15 days prior to the end semester examination. The marks of non-core subjects shall be incorporated in the marks card issued by JSS AHER. The candidates shall have passed all the subjects of semester I, II and III before appearing for Semester IV research project examination.

2. Scheme of Examination:

Question paper pattern for end semester University theory examinations (marks)

Time: 3 Hours		Maximum Marks 75
Part A	Long Answers Answer any two questions out of four	2 x 15 = 30
Part B	Short Answers Answer all questions choosing either a or b	5 x 6 = 30
Part C	Brief Notes Answer all questions	5 x 3 = 15
Total		75 marks

1. Criteria for pass

Core Subjects: Candidates are declared to have passed in a subject, if they secure 50% of marks in JSS AHER examination and internal assessment added together. Theory & practical shall be considered as separate subjects.

Elective papers: The minimum prescribed marks for pass shall be 50% of the maximum marks prescribed for a subject.

SEMESTER I							
Paper	Category	MODULES	Hours/Week	CIA	Theory/Practical Exam	Maximum Marks	Credits
Paper I	Core -1 Core -2 Core -3	Introduction to Public Health – Principles, Practices, Health System, Demography & Population sciences and Health Policy	4	25	75	100	4
Paper II	Core -4	Basic Epidemiology	4	25	75	100	4
Paper II	Core -5	Basic Biostatistics	4	25	75	100	4
Paper IV	Core -6	Health Management : Management Principles and Practices (Strategic management)	4	25	75	100	4
Elective I	Elective 1 or	Advanced Epidemiology	4	25	75	100	4
	Elective 2	Health System Management					
Practical I	Practical 1	Practicals	12	25	75	100	6
Total Credits for I Semester							26

SEMESTER 2							
Paper	Category	MODULES	Hours/Week	CIA	Theory/Practical Exam	Maximum Marks	Credits
Paper V	Core -7	Introduction to Health Economics	4	25	75	100	4
	Core -8	Introduction to Financial Management and Budgeting					
Paper VI	Core -9	Health Promotion Approaches and Methods	4	25	75	100	4
Paper VII	Core -10	Social and Behavior Change, Effective Communication in Health Care	4	25	75	100	4
Paper VIII	Core -11	Gender and Health & Public Health Nutrition	4	25	75	100	4
Elective II	Elective 3 or Elective 4	Advanced Biostatistics	4	25	75	100	4
		Public Health Finance and Organizational Management					
Practical I	Practical 2	Practicals	12	25	75	100	6
Total Credits for II Semester							26

SEMESTER 3							
Paper	Category	MODULES	Hours/Week	CIA	Theory/Practical Exam	Maximum Marks	Credits
Paper IX	Core -12	RMNCH+A	4	25	75	100	4
Paper X	Core -13	Introduction to Health Programs and evaluation	4	25	75	100	4
	Core -14	Principles of Social Research Methods					
Paper XI	Core -15	Law and Ethics in Public Health	4	25	75	100	4
Paper XII	Core -16	Environment and Occupational Health	4	25	75	100	4
Elective III	Elective 5 or Elective 6	Effective Advocacy, Communication & NGO role in healthcare	4	25	75	100	4
		Health Policy, Programme and Planning					
Practical III	Practical 3	Practicals	12	25	75	100	6
Total Credits for III Semester							26

SEMESTER 4						
Paper	Category	Hours/Week	CIA	Theory/Practical Exam	Max Marks	Credits
Practical IV	Dissertation submission and Research – Paper presentation	20	50	150	200	10
Practical V	Internship & Report submission assessment - Viva Voce	12	25	75	100	6
Total Credits for IV Semester						16

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JSS Medical College (Constituent College)

The Anti Ragging Committee

Sl.No	Name / Designation	Position	Mobile No. & e-mail
1.	Dr. Manjunatha B <i>Registrar, JSS AHER</i>	Chairman	974112331 registrar@jssuni.edu.in
2.	Dr. H. Basavana Gowdappa <i>Vice Chancellor, JSS AHER, Principal, JSS Medical College Mysuru</i>	Co-Chairman	9845115962 hbgowda@gmail.com
3.	Dr. H.V Chandrakanth <i>Prof. & HOD of For. Med.& Chief Warden, JSS MC Hostels JSS Medical College campus, Mysuru</i>	Member Secretary	Chandparu20076@gmail.com

RAGGING

What Constitutes Ragging?

Any conduct whether by words spoken or written by an act which has the effect of harassing, teasing or handling with rudeness any other students indulging in rowdy or undisciplined activities which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in a fresher or a junior student or asking the students to do any act or perform something which such student will not in the ordinary course and which has the effect of causing or generating a sense of scheme or embarrassment so as to adversely affect the physique or psycho of a fresher or a junior student

Punishable ingredients of ragging:

- ✦ Abetment to ragging
- ✦ Criminal conspiracy to rag
- ✦ Unlawful assembly and rioting which ragging
- ✦ Public nuisance created during ragging
- ✦ Violation of decency and morals through ragging
- ✦ Injury to body, causing hurt or grievous hurt
- ✦ Wrongful restraint
- ✦ Wrongful confinement
- ✦ Use of criminal force
- ✦ Assault as well as sexual offences or even unnatural offences

- ✦ Extortion
- ✦ Criminal trespass
- ✦ Offences against property
- ✦ Criminal intimidation
- ✦ Attempts to commit any or all the above mentioned offences against the victim
- ✦ Physical or psychological humiliation
- ✦ All other offences following from the definition of ragging

Awardable punishments:

- ◆ At the Medical College/Institution level : depending upon the nature and gravity of the offence as established by the anti ragging committee of the institution, the possible punishments for those found guilty of ragging at the institution level shall be any one or any combination of the following
 - ◆ Suspension from attending classes and academic privileges
 - ◆ Withholding /with-drawing scholarship/fellowship and other benefits
 - ◆ Debarring from appearing in any test / examination or other evaluation process withholding results
 - ◆ Debarring from representing the institution in any regional, national or international meet, tournament, youth festival etc.,
 - ◆ Suspension/expulsion from the hostel { cancellation of admission
 - ◆ Rustication from the institution for period ranging from 1 to 4 semesters
 - ◆ Expulsion from the institution and consequent debarring from admission to any other institution for a specific period.
 - ◆ Fine of Rs. 25000/- and Rs. 1.00 lakh
 - ◆ Collective punishment: when the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment.

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(Constituent College)

STUDENT GRIEVANCE REDRESSAL COMMITTEE

Sl. No.	Name	Position	Mobile No. & e-mail
1.	Dr. H. Basavana Gowdappa <i>Vice Chancellor, JSS AHER</i> <i>Principal, JSS Medical College,</i> <i>Mysuru</i>	Chairman	9845115962 hbgowda@gmail.com
2.	Dr Nayanbai Shabadi Student Welfare Officer, Assistant Professor Department of Community Medicine JSS Medical College, Mysuru	Member Secretary	8105828888 grievancejssmc@gmail.com

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Internal complaints Committee (ICC) on Sexual Harassment of women at workplace

Sl. No.	Name	Position	Mobile No. & e-mail
1.	Dr. Akkamahadevi P. <i>Professor</i> Dept. Anaesthesia JSS Medical College Mysuru - 570 015	Chairman	7406784848 pakkamahadevi@jssuni.edu.in
2.	Dr. Vidya C S, <i>Associate Professor</i> Dept. of Anatomy JSS Medical College, Mysuru.	Member Secretary	9449679386 vidyacs@jssuni.edu.in

SEXUAL / GENDER HARASSMENT PREVENTION

The following constitute sexual harassment (the list is only Indicative and not exhaustive)

- ◆ Demand or request for sexual favours
- ◆ Sexually coloured remarks
- ◆ Showing pornography
- ◆ Other unwelcome physical verbal or non verbal conduct of a sexual nature
- ◆ Eve teasing
- ◆ Unsavoury remarks
- ◆ Jokes causing or likely to cause awkwardness or embarrassment
- ◆ Innuendos and taunts
- ◆ Gender based insults or sexist remarks
- ◆ Unwelcome sexual overtone in any manner such as over telephone (obnoxious telephone calls) and the like
- ◆ Touching or brushing against any part of the body and the like
- ◆ Displaying pornographic or other offensive or derogatory pictures, cartoons, pamphlets or savings.
- ◆ Forcible physical touch or molestation
- ◆ Physical confinement against one's will and any other act likely to violate one's privacy

Punishments Under Various Sections of IPC

326 A	Voluntarily causing grievous hurt by use of acid etc.,	Ten years/ life imprisonment fine of 10 Lakhs Rupees
326 B	Voluntarily throwing or attempting to throw acid	Five to seven years imprisonment
354	Assault or use of criminal force to woman with intent to outrage her modesty	1 to 5 years imprisonment with fine
354 A	1. Sexual harassment of the nature of unwelcome physical contact and advances or a demand or request for sexual favors	Upto 5 year imprisonment or with fine or with both.
	2. Sexual harassment of the nature of making sexually closed remarks or showing pornography or any other unwelcome physical, verbal or nonverbal conduct of sexual nature.	Upto 1 year imprisonment or with fine or with both.
354 B	Assault or use of criminal force to women with intent to disrobe.	3 to 7 imprisonment with fine
354 C	Voyeurism	1 to 3 years imprisonment with fine for first conviction. 3 to 7 years imprisonment with fine for second or subsequent conviction.
354 D	Stalking (whoever follows a person and contacts or attempts to contact such person to foster personal interaction repeatedly, despite a clear indication of disinterest by such person or whoever monitors the use by a person of the internet, email or any other form of electronic communication, or watches or spies on a person in a manner that results in a fear of violence or serious alarm or distress in the mind of such person or interferes with the mental peace of such person)	1 to 3 years imprisonment with fine
376	1. Sexual assault	7 years of life rigorous imprisonment
376 A	2. Sexual assault by a person on the management or on the staff of a hospital, and sexual assault committed by a person in a position of trust or authority towards the person assaulted	10 years to life rigorous imprisonment with fine
376 B	Person committing an offence of sexual assault and inflicting injury which causes death or causes the person to be in a persistent vegetative state	20 years to life rigorous imprisonment
376 C	Sexual intercourse by a person in authority	5 to 10 years rigorous imprisonment with fine
376	Sexual assault by gang	20 years life rigorous imprisonment
376	Repeat offenders	Imprisonment for life