

**Regulations and Curriculum for
Postgraduate Degree Courses in Medical Sciences
(MD/MS) Amended upto March 2017**

[(As per the Medical Council of India Postgraduate Medical Education Regulations,
2000 (Amended upto February, 2016)]

Pre-Clinical, Para-Clinical and Clinical subjects

Subject: MD PSYCHIATRY



(Deemed to be University under Section 3 of UGC Act, 1956)
(Placed under Category 'A' by MHRD, Govt. of India, Accredited with 'A' Grade by NAAC)
University Enclave, Medical Sciences Complex, Deralakatte,
Mangaluru – 575 018, Karnataka INDIA
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VISION

To build a humane society through excellence in education and healthcare

MISSION

To develop

Nitte (Deemed to be University)

*As a centre of excellence imparting quality education,
generating competent, skilled manpower to face the scientific and social
challenges with a high degree of credibility, integrity,
ethical standards & social concern*

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No. F.9-13/2007-U.3 (A)
Government of India
Ministry of Human Resource Development
(Department of Higher Education)
U.3(A) Section

Shastri Bhawan, New Delhi,
Dated: 4th June, 2008

NOTIFICATION

1. Whereas the Central Government is empowered under Section 3 of the University Grants Commission (UGC) Act, 1956 to declare, on the advice of the UGC, an Institution of higher learning as a deemed-to-be-university;
2. And whereas, a proposal was received in February, 2007 from Nitte Education Trust, Mangalore, Karnataka seeking grant of status of deemed-to-be-university in the name of Nitte University under Section 3 of the UGC Act, 1956;
3. And whereas, the University Grants Commission has examined the said proposal and vide its communication bearing No. F.26-10/2007(CPP-I/ DU) dated the 10th March, 2008 has recommended conferment of status of 'deemed-to-be-university' in the name and style of Nitte University, Mangalore, Karnataka, comprising A.B. Shetty Memorial Institute of Dental Sciences, Mangalore;
4. Now, therefore, in exercise of the powers conferred by section 3 of the UGC Act, 1956, the central Government, on the advice of the University Grants Commission (UGC), hereby declare that Nitte University, Mangalore, Karnataka, comprising A.B. Shetty Memorial Institute of Dental Sciences, Deralakatte, Mangalore, shall be deemed to be a University for the purposes of the aforesaid Act.

Sd/
(Sunil Kumar)
Joint Secretary to the Government of India

(True Extract of the Notification)



**University Grants Commission
Bahadurshah Zafar Marg
New Delhi - 110002**

No. F.26-5/2008(CPP-1)

Dated: 24th March, 2009

OFFICE MEMORANDUM

1. Whereas the Government of India, Ministry of Human Resource Development, Department of Higher Education vide Notification No. F.9-13/2007-U.3 (A) dated 4th June, 2008 declared Nitte University, Mangalore, Karnataka comprising A.B. Shetty Memorial Institute of Dental Sciences, Deralakatte, Mangalore as Deemed to be University under Section 3 of UGC Act, 1956.
2. And whereas now, the University Grants Commission, on the recommendation of an Expert Committee constituted by the Chairman, UGC has agreed for bringing (i) K.S. Hegde Medical Academy, Deralakatte, Mangalore, (ii) Nitte Usha Institute of Nursing Sciences, Deralakatte, Mangalore, (iii) Nitte Gulabi Shetty Memorial Institute of Pharmaceutical Sciences, Deralakatte, Mangalore, (iv) Nitte Institute of Physiotherapy, Deralakatte, Mangalore under the ambit of Nitte University, Deralakatte, Mangalore.

Sd/
(K.P. Singh)
Joint Secretary
University Grants Commission

(True Extract of the Notification)

Nitte University

(Deemed University under Section 3 of UGC Act 1956)
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University Enclave, Medical Sciences Complex, Deralakatte, Mangalore – 575 018

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NU/REG/53/AC10/2011/2 69/A

Date: 13-06-2011

NOTIFICATION

Sub: The Regulations scheme and syllabi for MD/MS Program

In exercise of the powers conferred under Rule No.R.8 of the MoA, the Academic Council in its 10th meeting held on 13-06-2011 under the agenda item no. AC/3-10/11 has been pleased to approve the curriculum and regulation for MD/MS course in K.S. Hegde Medical Academy.

Sl.No	Specialty
1	MD in Anatomy
2	MD in Biochemistry
3	MD in Physiology
4	MD in Microbiology
5	MD in Pharmacology
6	MD in Community Medicine
7	MD in Psychiatry

The Curriculum and Regulation shall come into force from the academic year 2011-12.

By order,

REGISTRAR

Nitte University

(Deemed University under Section 3 of UGC Act 1956)
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Accredited with 'A' Grade by NAAC

University Enclave, Medical Sciences Complex, Deralakatte, Mangalore – 575 018

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Ref: NU/REG/AC-KSHEMA/2016-17/983

Date: 31-03-2017

NOTIFICATION

Sub: Modified Regulations and Post Graduate Degree Course Curriculum of all clinical and Non-Clinical specialties (MD/MS)

In exercise of the powers conferred under Rule No.R.9 of the MoA, the Academic Council in its 31st meeting held on 14-03-2017 under the agenda item no. AC/3(b)-31/17 has approved the Modified Regulations and Post Graduate Degree Course Curriculum of all clinical and Non-Clinical specialties (MD/MS).

Sl.No	Specialty
1	MD in Anatomy
2	MD in Biochemistry
3	MD in Physiology
4	MD in Microbiology
5	MD in Pharmacology
6	MD in Forensic Medicine
7	MD in Community Medicine
8	MD in Psychiatry
9	MD in Anaesthesiology
10	MD in Dermatology, Venerology and Leprosy
11	MD in General Medicine
12	MD in Paediatrics
13	MD in Pathology
14	MD in Radiodiagnosis
15	MS in General Surgery
16	MS in Obstetrics and Gynaecology
17	MS in Ophthalmology
18	MS in Orthopaedics
19	MS in Oto-Rhino-Laryngology (ENT)

By order,

REGISTRAR



(Deemed to be University under section 3 of UGC Act 1956)

Placed under Category 'A' by MHRD, Govt. of India

Accredited as 'A' Grade University by NAAC

Mangaluru, Karnataka, India

Regulations and Curriculum for Postgraduate Degree Courses in Medical Sciences (MD/MS)

(Amended upto March 2017)

[(As per the Medical Council of India Postgraduate Medical Education Regulations, 2000

(Amended upto February, 2016)]

Pre-Clinical, Para-Clinical and Clinical Subjects

Chapter I

Preamble:

K.S. Hegde Medical Academy imparting education and training in medical sciences since 1999, started postgraduate degree courses in medical sciences (MD/MS) specialities in 2006, in order to carry out quality research and prepare specialists teachers in medical sciences. Consequent to becoming a constituent college of Nitte (Deemed to be University), in 2009-10, the new regulations for the postgraduate degree courses were formulated as under:

1. Introduction:

- 1.1. These regulations shall be called 'Nitte(Deemed to be University) Regulations for Postgraduate Degree Courses in Medical Sciences (MD/MS)' and govern the policies and procedures including selection, admission, imparting of instructions, conduct of examinations, evaluation and certification of candidate's performance and all amendments there to, leading to the award of MD/MS degree. The regulation has come into effect from the academic year 2017-18.
- 1.2. This set of regulations shall be binding on all the candidates undergoing the said degree programs.
- 1.3. These regulations are in conformance to the Medical Council of India Postgraduate Medical Education Regulations, 2000 (Amended upto February, 2016). These regulations may be modified from time to time as mandated by the statutes of the University and the Medical Council of India (MCI). These provisions shall be applicable to any new specialities that may be introduced from time to time.

- 1.4. This set of regulations may evolve and get refined or updated or amended or modified or changed through appropriate approvals from the Academic Council and the BoM from time to time and shall be binding on all parties concerned including the candidates, faculty, staff, departments, and Authorities of the institution.
- 1.5. All disputes arising from this set of regulations shall be addressed to the BoM. The decision of the BoM is final and binding on all parties concerned. Further, any legal disputes arising out of this set of regulations shall be limited to jurisdiction of Courts of Mangalore only.

2. **Definitions:**

Unless the context otherwise requires:

- *BoM* means Board of Management of Nitte (Deemed to be University)
- *BoS* means Board of Studies in Medical Sciences (UG and PG) Pre-clinical, Paraclinical, Clinical, as the case may be
- *Constituent College* means any institution under the ambit of Nitte (Deemed to be University)
- *He* includes both genders he and she; similarly his and/or him, himself includes her, herself as well in all cases
- *Head of the Institution* means the Dean of the College / Institution
- *Institution/College* means K.S. Hegde Medical Academy
- *MCI* means Medical Council of India
- *Regulations* means this set of academic regulations
- *Regulatory Authority* means Authority appointed/constituted by the Central/ State Government/s and statutory bodies to regulate medical education
- *Teaching Hospital* means the Hospital attached to the K.S. Hegde Medical Academy or any other Hospital owned by, or under the management of Nitte (Deemed to be University)
- *University* means Nitte (Deemed to be University)

3. **Branches of Study:**

The following courses of study may be pursued

3.1. **MD (Doctor of Medicine)**

- 3.1.1 Anatomy
- 3.1.2 Physiology
- 3.1.3 Biochemistry
- 3.1.4 Pathology

- 3.1.5 Microbiology
- 3.1.6. Pharmacology
- 3.1.7. Forensic Medicine
- 3.1.8. Community Medicine
- 3.1.9. General Medicine
- 3.1.10. Dermatology, Venerology and Leprosy
- 3.1.11. Psychiatry
- 3.1.12. Paediatrics
- 3.1.13. Radio Diagnosis
- 3.1.14. Anaesthesiology

and such other subjects that shall be introduced by the Institution from time to time with due permission from the MCI.

3.2. MS (Master of Surgery):

- 3.2.1. General Surgery
- 3.2.2. Orthopaedics
- 3.2.3. Ophthalmology
- 3.2.4. Otorhinolaryngology (ENT)
- 3.2.5. Obstetrics and Gynaecology

and such other specialties that shall be introduced by the Institution from time to time, with due permission from the MCI.

4. Duration of the Course:

The duration of post graduate degree courses in medical sciences (MD/MS) shall be of three academic years, consisting of six terms. Each academic of shall be of six months duration.

5. Eligibility for Admissions:

A candidate who has passed MBBS examination from a medical college recognized by the MCI and has completed one year compulsory rotatory internship in a teaching institution recognized by the MCI, and has obtained permanent registration of any state medical council shall be eligible for admission to MD/MS degree course.

The candidate seeking admission will have to secure an eligibility certificate from Nitte (Deemed to be University) by making an application along with the following documents and the prescribed fee:

- a. MBBS pass/degree certificate
- b. Copies of marks cards of all the university examinations
- c. Attempt certificate issued by the Principal of the college

- d. Internship completion certificate
- e. Certificate regarding the recognition of the last studied medical college by the MCI, issued by Dean/Principal of that college
- f. In case internship was done in a non teaching hospital, a certificate of the MCI that the hospital has been recognized for internship
- g. Registration Certificate of any state medical council
- h. Proof of SC/ST as the case may be
- i. Proof of NEET rank

Note:

1. A candidate possessing PG Diploma of 2 year duration and duly recognized by MCI is eligible for admission to MD/MS course in the same speciality. The duration of the course for such candidates shall be two years.
2. Foreign nationals and candidates qualified from a foreign university should obtain the temporary registration and permission from the MCI prior to the admission to the MD/MS Program.

6. Selection of Eligible Candidates:

Selection to the post graduate degree courses in medical sciences (MD/MS) shall be based on the basis of merit obtained in the National Entrance and Eligibility Test (NEET) conducted by the central government or its authorized agency.

7. Withdrawal -Temporary and Permanent:**7.1. Temporary:**

- 7.1.1 A candidate who has been admitted to the course may be permitted to withdraw temporarily for a period of six months or more up to one year on the grounds of prolonged illness, grave calamity in the family etc, provided:
 - a. He applies stating the reason for withdrawal with supporting documents and endorsement by parent/guardian;
 - b. The Institution is satisfied that without counting the period of withdrawal the candidate is likely to complete his requirement of the degree within maximum time specified;
 - c. There are no outstanding dues or demands with the Department, library, hostel, Institution etc;
- 7.1.2. The tuition fee for the subsequent year may be collected in advance based on the severity of the case before giving approval for any such temporary withdrawal;
- 7.1.3. Scholarship holders are bound by the appropriate rules applicable;

7.1.4. The decision of the Institution /University regarding withdrawal of a candidate is final and binding.

7.2. Permanent withdrawal:

7.2.1. A candidate who withdraws admission before the closing date of admission is eligible for refund of fees paid as per rules of the University;

7.2.2. Once the admission for the year is closed, and if a candidate wants to leave the Institution, he will be permitted to do so and take the Transfer Certificate from the Institution, after remitting all the tuition fees for the remaining years;

7.2.3. Those candidates who have received any scholarship/stipend/other forms of financial assistance from the Institution shall repay all such amounts in addition to those mentioned in the clause above;

7.2.4. The decision of the Institution /University regarding withdrawal of a candidate is final and binding.

8. Migration:

Under no circumstance, migration/transfer of a candidate undergoing a post graduate degree course shall be permitted.

9. Conduct and discipline:

9.1. Students shall conduct themselves within and outside the premises and the campus of the institution in a manner befitting a student of a professional institution.

9.2. As per the order of Honorable Supreme Court of India, ragging in any form is considered as a criminal offence and is banned. Any form of ragging will be severely dealt with.

9.3. The following act of omission and/or commission shall constitute gross violation of the code of conduct and are liable to invoke disciplinary measures:

9.3.1. Ragging as defined and described by the Honorable Supreme Court of India /Government.

9.3.2. Lack of courtesy and decorum, indecent behavior anywhere within or outside the campus

9.3.3. Willful damage or stealthy removal of any property/belongings of the institution/hostel or of fellow students/citizens.

9.3.4. Possession, consumption or distribution of alcoholic drinks or any kind of drugs of abuse.

9.3.5. Mutilation or unauthorized possession of library books.

- 9.3.6. Noisy or unruly behavior, disturbing studies of fellow students.
 - 9.3.7. Hacking of computer systems (such as entering into other person's domain without prior permission, manipulation and/or damage to the computer hardware or software or any other cyber crimes etc.)
 - 9.3.8. Plagiarism of any nature.
 - 9.3.9. Any other act of gross indiscipline as decided by the institution from time to time.
- 9.4. Commensurate with the gravity of offence, the punishment may be: reprimand, fine, expulsion from the hostel, debarment from an examination, disallowing the use of certain facilities of the institution, rustication for a specific period or even outright expulsion from the institution, or even handing over the case to appropriate law enforcement authorities or the judiciary, as required by the circumstances.
- 9.5. For any offence committed in (i) a hostel (ii) a department or in a classroom and (iii) elsewhere, the Chief Warden, the Head of the Department and the Head of the Institution, respectively, shall have the authority to reprimand or penalize the student.
- 9.6. All cases involving punishment other than reprimand shall be reported to the Head of the Institution.
- 9.7. Cases of adoption of unfair means and/or any malpractice in an examination shall be reported to the Controller of Examinations for taking appropriate action.

10. Graduation Requirements:

A student shall be declared eligible for the award of the degree if he has:

- Fulfilled all the degree requirements, including passing the required examination;
- No dues to the University, institution, departments, hostels, library, etc: and
- No disciplinary action pending against him.

The award of the degree must be recommended by the BoM.

11. Convocation:

Degrees will be awarded in person to the students who have graduated during the preceding academic year. Degrees will be awarded *in absentia* to such students who are unable to attend the convocation. Students are required to apply for the convocation along with prescribed fee within the specified date and after having satisfactorily completed all degree requirements.

12. Academic Appeals Board (AAB):

There shall be an Academic Appeals Boards constituted by the University to receive grievances/ complaints in writing from the students regarding anomaly in award of marks due to perceived bias, victimization, erratic evaluation, etc. and to redress the complaints.

Constitution:

Head of the Institution	...	Chairperson
A Professor from a constituent college (Nominated by the Vice-Chancellor)	...	Member
Three faculty members (Nominated by the Vice-Chancellor)	...	Members
Controller of Examinations	...	Member Secretary

The AAB shall interact with the concerned examiner and the student separately, before taking a decision. The recommendation of the AAB shall be communicated to the Vice-Chancellor for further appropriate action.

Note:

- The Chairperson may co-opt and/or invite more members, with prior permission of Vice - Chancellor.
- Depending on the prevailing circumstances, the senior most member in the Board shall act as Chairperson instead of the appointed Chairperson.
- The quorum of each meeting shall be minimum of four members.

13. Attendance and Monitoring Learning Progress:**13.1. Attendance:**

13.1.1. A student pursuing MD/MS course shall work in the concerned department of the institution for the entire period as a full time candidate. No student is permitted to run a clinic/laboratory/ work in any laboratory / institution / hospital / nursing home etc., during the entire period of study. No student should join any other course of study or appear for any other degree examination conducted by this University or any other university in India or abroad during the period of registration.

13.1.2. Each year shall be taken as a unit for the purpose of calculating attendance.

13.1.3. A student shall attend symposia, seminars, conferences, journal review meetings, grand rounds, Clinico Pathological,

Conferences, case presentations, clinics and lectures during each year as prescribed by the Department / Institution / University and not absent himself without a valid reason.

13.1.4. A student is required to attend a minimum of 80% of training during each academic year. Provided further, leave of any kind shall not be counted as part of academic term without prejudice to minimum 80% attendance of training period every year.

13.1.5. Any student who fails to complete the course in the manner stated above shall not be permitted to appear for the University examinations.

13.2 **Teaching-Learning Activities:**

13.2.1. **Pre-Clinical and Para-Clinical Specialties:**

The teaching and training of the students shall be through lectures, seminars, journal clubs, group discussions, participation in laboratory and experimental work, and involvement in research studies in the concerned speciality and exposure to the ‘applied aspects’ of the subject relevant to the speciality.

13.2.2. **Clinical Specialties:**

The teaching and training of the students shall include graded responsibility in the management and treatment of patients entrusted to their care; participation in seminars, journal clubs, group discussions, clinical meetings, grand rounds, and clinico-pathological conferences; practical training in diagnosis and medical and surgical treatment and training in the basic medical sciences, as well as in allied clinical specialities.

13.3 **Monitoring Learning Progress:**

13.3.1. A student shall maintain a work diary/ log book and record his participation in the training program such as review of journal, seminars etc. conducted by the department /Institution.The work diary shall be scrutinized and certified by the Guide,Head of the Department and Head of the Institution and presented during university practical/clinical examinations.

13.3.3. Special mention may be made of the presentations by the student as well as details of clinical or laboratory procedures conducted by the student.

13.3.4. The concerned department shall conduct three examinations: One examination each at the end of the first and second year,

and the third examination, two to three months before the University examination. These examinations shall include written papers, practical / clinical and viva-voce.

13.4. Procedure for Defaulters:

Each department shall have a Committee comprising of Head of the Department, three faculty members (maximum) and the respective Guide. A student whose progress is found to be unsatisfactory will be counseled by the Committee giving chances to improve. If the student continues to be defaulting, the Committee can recommend withholding the student from appearing for the University examinations.

14. Dissertation/Thesis:

14.1. Preparation of Dissertation/Thesis:

- 14.1.1. A student is required to carry out a study on a selected research project under the guidance of a recognized Guide. The results of such a study shall be submitted in the form of a dissertation/thesis.
- 14.1.2. The dissertation/thesis is aimed at training a postgraduate student in research methodology and techniques, medical ethics and medico – legal aspects. It includes identification of a problem, formulation of a hypothesis, review of literature, getting acquainted with recent advances, designing of a research study, collection of data, critical analysis, and comparison of results and drawing conclusions.
- 14.1.3. The dissertation/thesis should be written under the following headings in order:
 - a. Introduction
 - b. Aims and Objectives of the Study
 - c. Review of Literature
 - d. Materials and Methods
 - e. Result
 - f. Discussion
 - g. Summary and Conclusions
 - h. References
 - i. Tables
 - j. Annexures
- 14.1.4. The written text of dissertation/thesis shall be of not less than 50 pages and shall not exceed 200 pages excluding references,

tables, questionnaires and other annexures. It should be neatly typed with double line spacing on one side of the paper (A4 size: 8.27” x 11.69”) and bound properly. Spiral binding should be avoided. A soft copy of the dissertation/thesis should also be submitted.

- 14.1.5. A Guide shall be a full time postgraduate teacher in the respective department of the college and recognized by MCI/Nitte (Deemed to be University) as a Guide for supervision of dissertation/thesis work. A Co-Guide can be opted wherever required with prior permission of the college and university. The Co-Guide should also be a postgraduate teacher, recognized by MCI/Nitte (Deemed to be University).
- 14.1.6. He shall submit the synopsis of the study to the University through the Guide, HoD and Head of the Institution. The synopsis shall be submitted within six months of commencement of the course or within the date notified by the University. The synopsis should be vetted by the Guide, Department and approved by the Institutional Ethics Committee before submission to the university.
- 14.1.7. Once the synopsis is approved and registered by the University, no change in the topic or Guide shall be permitted without the prior approval of the University.
- 14.1.8. In the event of the registered Guide leaving the Institution or in the event of the death of the Guide, the Guide may be changed with prior permission from the University.

14.2. Submission and Acceptance of Dissertation/Thesis:

- 14.2.1 The final dissertation/thesis in the prescribed format and certified by the Guide and Co-Guide (if any), Head of the Department and Head of the Institution should be submitted to the University six months before the University examinations or as per the date notified by the University.
- 14.2.2 A student is eligible to appear for the University theory, practical/ clinical, and viva-voce examinations only if his dissertation thesis has been accepted by the University, after due evaluation, subject to satisfying other conditions mentioned below. (see 15.2.1)

15. Examinations:**15.1 University Examinations:**

The University examination shall be held at the end of 3 academic years (six academic terms). An academic term shall mean six months training period. The examinations shall consist of dissertation/thesis, theory papers, practical/clinical and viva-voce examinations. The University shall conduct two examinations in an academic year at an interval of not less than four months and not more than six months between the two examinations.

15.2 Scheme of Examinations:

The examination shall consist of dissertation/thesis, written paper (theory), practical/ clinical and viva-voce examinations.

15.2.1 Eligibility to Appear for University Examinations:

A student who fulfills all of the following conditions shall be permitted to appear for the University examinations.

- A minimum 80% attendance in each academic year;
- Satisfactory completion of the requirements of the course certified by Head of the Department and Head of the Institution;
- Acceptance of the thesis/ dissertation by the University;
- Presented one poster, read one paper at a national/state conference and presented one research paper which should have been published/accepted for publication/sent for publication during the period of his postgraduate studies; and
- Fulfills any other requirement that may be prescribed by the University from time to time.

15.2.2 A student whose dissertation/thesis has been accepted by the examiners, but who is declared to have failed in the University examination will be permitted to reappear for the subsequent examination without having to prepare a new dissertation/ thesis.

15.2.3 In case the dissertation/thesis of student is rejected, the authorities shall give reasons thereof and suggestion for the improvement of the same and the dissertation/ thesis thus improved will have to be re-submitted to the University for evaluation and be accepted before appearing for the university examination.

15.2.4 Theory Papers:

- There shall be four theory papers each of three hours duration and each paper carrying 100 marks.
- Paper I, II III and IV shall consist of two long essay questions of 20marks each and six `short essay questions of 10 marks each.

Note:

Questions on recent advances may be asked in any or all the papers.

The distribution of topics in each paper is given under the respective speciality

15.2.5 Practical Examination (Pre-Clinical and Para- Clinical specialities):

The total marks for practical examination shall be 200 marks. Practical examination in subjects in basic medical sciences specialities shall be conducted to test the knowledge and competence of the student for making valid and relevant observations based on the experimental/ laboratory studies and his ability to perform such studies as are relevant to his speciality.

15.2.6 Clinical Examination (Clinical specialities):

The total marks for clinical examination shall be 200 marks. Clinical examination in clinical specialities shall be conducted to test the knowledge and competence of the student for undertaking independent work as a specialist/teacher, for which students shall examine a minimum of one long case and two short cases.

15.2.7 Viva -Voce Examination:

Viva -Voce examination shall aim at assessing depth of knowledge, logical reasoning, confidence and oral communication skills. The total marks shall be 100 marks and the division of marks shall be as under:

Examination of all components of the syllabus:	80 marks
Pedagogy:	20 marks

16. Criteria for Pass:

To pass in the University Examinations, a student shall appear for all theory papers scoring a minimum of 40% in each paper and secure a minimum of 50% of total marks allotted for theory subjects (i.e. 200 marks out of 400) in aggregate and 50% marks allotted in practical/ clinical and viva voce put together (minimum of 150 marks out of 300 marks) in aggregate.

16.1.1. A student securing less than 50% marks shall be declared to have failed in the examination. The reasons for failing a student shall be documented in the case sheet and signed by all Examiners. Failed students may reappear in any subsequent examination as notified by the University.

17. Declaration of Class:

Class will be awarded only to those students who pass the entire examination in the first attempt and minimum duration (two years / three years, as the case may be) and the class shall be awarded as follows:

- 75% and above: Passed with Distinction
- 50% and above but below 75%: Pass class

A student who passes the examinations in more than one attempt shall be declared as 'Pass' irrespective of the percentage of marks secured.

18. Supplementary Examination:

Supplementary examination shall be conducted by the University for the benefit of unsuccessful students which will be held within six months from the date of announcement of results.

A student detained for lack of attendance will be barred from appearing for the supplementary examinations unless he has fulfilled the requirement of attendance.

19. Award of Merit Certificates:

Merit Certificate is awarded only if a student passes with 75% and above in the first attempt.

Chapter II

GOALS AND GENERAL OBJECTIVES OF POSTGRADUATE MEDICAL EDUCATION COURSE

1. Goal

The goal of postgraduate medical education shall be to produce competent specialists and/or medical teachers:

- i. who shall recognize the health needs of the community, and carry out professional obligations ethically and in keeping with the objectives of the national health policy;
- ii. who shall have mastered most of the competencies, pertaining to the speciality, that are required to be practiced at the secondary and the tertiary levels of the health care delivery system;
- iii. who shall be aware of the contemporary advance and developments in the discipline concerned;
- iv. who shall have acquired a spirit of scientific inquiry and is oriented to the principles of research methodology and epidemiology; and
- v. who shall have acquired the basic skills in teaching of the medical and paramedical professionals.

2. General Objectives of Post-Graduate Training:

At the end of the postgraduate training in the discipline concerned the student shall be able to:

- i. Recognize the importance to the concerned specialty in the context of the health needs of the community and the national priorities in the health sector;
- ii. Practice the specialty concerned ethically and in step with the principles of primary health care;
- iii. Demonstrate sufficient understanding of the basic sciences relevant to the concerned specialty;
- iv. Identify social, economic, environmental, biological and emotional determinants of health in a given case, and take them into account while planning therapeutic, rehabilitative, preventive and promotive measures strategies;
- v. Diagnose and manage majority of the conditions in the speciality concerned on the basis of clinical assessment, and appropriately selected and conducted investigations;

- vi. Plan and advise measures for the prevention and rehabilitation of patients suffering from disease and disability related to the speciality;
- vii. Demonstrate skills in documentation of individual case details as well as morbidity and mortality rate relevant to the assigned situation;
- viii. Demonstrate empathy and humane approach towards patients and their families and exhibit interpersonal behaviour in accordance with the societal norms and expectations;
- ix. Play the assigned role in the implementation of national health programs effectively and responsibly;
- x. Organize and supervise the chosen/assigned health care services demonstrating adequate managerial skills in the clinic/hospital or the field situation;
- xi. Develop skills as a self-directed learner, recognize continuing education needs and select and use appropriate learning resources;
- xii. Demonstrate competence in basic concepts of research methodology and epidemiology, and be able to critically analyze relevant published research literature;
- xiii. Develop skills in using educational methods and techniques as applicable to the teaching of medical/nursing students, general physicians and paramedical health workers; and
- xiv. Function as an effective leader of a health team engaged in health care, research or training;

3. Components of the Postgraduate Curriculum

The major components of the postgraduate curriculum shall be:

- Theoretical knowledge
- Practical and clinical skills
- Writing dissertation/research articles
- Attitudes including communication skills
- Training in research methodology, medical ethics and medico-legal aspects

[Source: The Medical Council of India Postgraduate Medical Education Regulations, 2000 (Amended upto February, 2016)]

Chapter III

Curriculum for

MD PSYCHIATRY

Programme outcomes:

At the end of the programme, the graduates will be able to...

1. Discuss the relevance of mental health in relation to the health needs of the country
2. Discuss the social, economic, biological and emotional determinants of mental health
3. Take detailed history, conduct appropriate ethically valid physical examination and institute appropriate evaluation procedures to make a correct clinical diagnosis
4. Perform relevant investigative and therapeutic procedures for the psychiatric patient
5. Recommend appropriate laboratory and imaging examinations and interpret the results correctly
6. Organise comprehensive treatment of a psychiatric patient using principles of rational drug therapy
7. Formulate rehabilitation plan of psychiatric patient suffering from chronic illness
8. Manage psychiatric emergencies efficiently
9. Demonstrate empathy and humane approach towards patients and their families and respect their sensibilities
10. Demonstrate communication skills of a high order in explaining management and prognosis, providing counselling and giving health education messages to patients, families and communities
11. Demonstrate competence in basic concepts of research methodology and responsible conduct of research
12. Organise appropriate steps in the implementation of national mental health programs, effectively and responsibly
13. Discriminate the legal issues in the practise of Psychiatry
14. Recognise the special requirements in the practice of Child and adolescent Psychiatry, Geriatric Psychiatry and Consultation Liaison Psychiatry

15. Demonstrate competence in teaching medical/paramedical students, health professionals, members of allied disciplines (e.g. behavioural sciences), law enforcement agencies, families and consumers and members of the public
16. Recognise the ethical considerations in the teaching and practice of Psychiatry

Goal:

The goals of postgraduate training course would be to train a MBBS doctor who will:

- Practice efficiently the speciality, backed by scientific knowledge and skill base.
- Exercise empathy and a caring attitude and maintain high ethical standards.
- Continue to evince keen interest in continuing education in the speciality irrespective of whether he is in a teaching institution or is a practicing psychiatrist.
- Be a motivated 'teacher' – defined as a specialist keen to share his knowledge and skills with a colleague or a junior or any learner.

Objectives:

The following objectives are laid out to achieve the goals of the course.

These objectives are to be achieved by the time the candidate completes the course.

The Objectives may be considered under the subheadings.

1. Knowledge (Cognitive domain)
2. Skills (Psycho motor domain)
3. Human values, Ethical practice and Communication abilities

Knowledge:

- Describe aetiology, pathophysiology, principles of diagnosis and management of common psychiatric problems including emergencies, in adults and children.
- Identify social, economic, environmental and emotional determinants in a given case, and take them into account for planning therapeutic measures.
- Recognize conditions that may be outside the area of his speciality/competence and to refer them to the proper specialist.
- Advise regarding the management of the case and to carry out this management effectively.
- Update himself by self study and by attending courses, conferences and seminars relevant to the speciality. Teach and guide his team, colleagues and other students.
- Undertake audit, use information technology tools and carry out research, both

basic and clinical, with the aim of publishing his work and presenting his work at various scientific fora.

Skills:

- Take a proper clinical history, examine the patient, perform essential diagnostic procedures and order relevant tests and interpret them to come to a reasonable diagnosis about the conditions.
- Conduct interviews both in adults and children and of uncooperative patients
- Perform mental state examination including that of uncooperative patients.
- Document psychiatric history, family history and mental state examination.
- Assess personality including administration and interpretation of projective tests. Administer and interpret tests of Intelligence and Neuro-psychological functions.
- Perform common therapeutic procedures.
- Provide basic life saving support services (BLS) in emergency situations.

Human Values, Ethical Practice and Communication Abilities:

- Adopt ethical principles in all aspects of his/her practice. Professional honesty and integrity are to be fostered. Care is to be delivered irrespective of the social status, caste, creed or religion of the patient.
- Develop communication skills, in particular the skill to explain various options available in management and to obtain a true informed consent from the patient.
- Provide leadership and get the best out of his team in a congenial working atmosphere.
- Apply high moral and ethical standards while carrying out human or animal research.
- Be humble and accept the limitations in his knowledge and skill and to ask for help from colleagues when needed.
- Respect patient's rights and privileges including patient's right to information and to right to seek a second opinion.

SYLLABUS

- A candidate pursuing a course in M.D. (Psychiatry) is expected to possess adequate knowledge in the following areas:

- Clinical features, aetiopathogenesis and treatment of various adult psychiatric disorders including personality disorders, substance abuse disorders, sexual disorders and sleep disorders.
- Clinical features, aetiopathogenesis and treatment of common childhood and adolescent psychiatric disorders including issues of special relevance to that age group.
- Clinical and treatment issues related to Geriatric psychiatry
- Classificatory systems in psychiatry, especially, International Classification of Diseases (ICD) and Diagnostic and Statistical Manual (DSM)
- Consultation – Liaison psychiatry, Identification and management of psychiatric emergencies.
- The student should be familiar with various issues and principles underlying community psychiatry, epidemiology of psychiatric disorders with special relevance to India and different models of mental health delivery care systems. It is also essential that a student understands issues pertaining to the field of prevention (Primary, Secondary and Tertiary prevention).
- Psychiatric complications of medical illnesses including identification and treatment of various organic psychiatric disorders such as delirium, dementias and amnesic syndromes.
- Various methods of therapeutic intervention including drug therapy, electroconvulsive therapy, psychotherapy (individual, marital, family and group therapy) and behavior therapy, Principles and methods of treatment applied to rehabilitation of psychiatrically ill individuals. Students should be familiar with terms such as impairment, disability and handicap.
- Various laws pertaining to the rights, treatment and care of individuals with psychiatric disorders such as Mental Health Act, Disability Act etc;
- Medical ethics in general and special ethical concerns as it applies to the practice of clinical psychiatry.
- Various theories of adult personality, learning theories, issues pertaining to intelligence and its measurement, psychological theories of emotion, motivational aspects of behavior, thinking, memory and developmental psychology.
- Principles and interpretation of psychological tests (Adults, children) such as projective tests, tests of intelligence, tests of cognitive and neuro psychological functions.
- Common instruments used in the diagnostic assessment and measurement of change in clinical status of various psychiatric disorders.
- Basic sciences as applicable to psychiatry such as Neurophysiology,

Neuroanatomy, Neurochemistry, Genetics, Chronopsychobiology, General psychology, Social psychology (Attitudes and its measurements, language and communication, culture, group dynamics, theories of attribution), anthropology and ethology.

- Students should be familiar with theoretical aspects of various neuroimaging techniques such as CT scan, PET Scan, MRI etc., It is necessary that student should be able to interpret CT scan of the brain. Similarly, familiarity with various electrophysiological techniques such as EEG and evoked potentials is desirable, with a practical knowledge of EEG being necessary.

Module on Gender Equity

Specific learning outcomes:

At the end of each unit students will be able to

1. Recognize the causes for the current status of women in our society.
2. Discuss the need for women empowerment and related social issues.
3. Summarize the status of women in primary, secondary and higher education in India.
4. Identify the problems faced by women in various forms of occupation
5. Outline the laws governing women rights in India.

SYLLABUS: (10 hours)

- Status of Women: Demographic profile of women related statistics
- Women empowerment: concept, need, Issues related to women, programs for girl child, violence against women, laws protecting women rights, case profile studies.
- Importance of women education: School drop-out rate, causes, prevention and steps taken. The access to higher education. Case profile studies.
- Women and work: Problems faced by working women, Maternity leave, POCSO act. Case profile study of a working woman.

Suggested Teaching-Learning methods

- Lectures / group discussions
- Self-directed learning and Assignments

Module on Human Health and Environment

Specific learning outcomes:

At the end of each unit students will be able to

1. Describe the principles of environmental science

2. Define the structure, function and features of ecosystem.
3. Summarize the importance of healthy air, water and soil.
4. Identify the types of pollution, sources, causes and impact on human health.
5. List common aeroallergens and pollution related diseases
6. Describe biological, chemical and physical hazards as determinants of health and disease in humans

SYLLABUS (10 hours):

Introduction: Health and Environment, atmosphere, hydrosphere, lithosphere and biosphere.

Ecosystem: Structure, functions and its features. Weather and climate change: Global warming and greenhouse effect.

Pollution: Classification of pollution, its sources, cause and their impacts. Types of pollutants and its fate: Eutrophication. Water and soil- types and sources; sewage and waste water treatment and recycling; Noise pollution and its impact on human health.

Environmental hazards: Biological, chemical and physical hazard. Toxic chemicals in the environment: air, water and soil

Clean air: Pesticides and carcinogens in the air, Microflora of atmosphere, Identification of aeroallergens, Air pollution related diseases and allergies.

Environmental Ethics and Global imperatives: Legal/environmental policy and different control measures

Suggested Teaching-Learning methods

- Lectures / group discussions
- Self-directed learning and Assignments

Skills to be Acquired

A student must acquire practical skills in:

1. Interview techniques – both adults and children and of uncooperative patients
2. Mental state examination including that of uncooperative patients.
3. Documentation of psychiatric history, family history and mental state examination
4. Assessment of personality including administration and interpretation of projective tests. Administration and interpretation of tests of Intelligence and Neuropsychological functions.
5. In communicating effectively with a multidisciplinary team including other

mental health professionals. It is also essential that he learns to communicate effectively with physicians, other specialists and other health care agencies.

Teaching-Learning Activities Didactic and Integrated Lectures

Journal Club	: Shall be held once a week
Seminar/Symposia	: Shall be held once a week.
Case conference	: Shall be held once a week.
Ward Rounds	: Every Day

Note: A minimum of 40 Clinical cases must be seen every year and a minimum of 2 cases be taken up for Psychotherapy each year.

Graded Responsibility in Care of Patients

I year

Interview techniques, mental state examination, diagnostic formulation, supervised inpatient and outpatient work, supervised administration of ECT, administration and interpretation of Psychological tests (projective tests, tests of intelligence, Neuropsychological tests).

II year

Supervised consultation and liaison work with other departments, evaluation and treatment of psychiatric emergencies under supervision, supervised long term follow up of inpatients discharged to the community, individual psychotherapy of a minimum of one case under supervision, exposure to group therapy and family therapy. Student to learn certain behavior therapy techniques such as relaxation, systematic desensitization, exposure and response prevention. Assessment and evaluation of children with psychiatric problems and exposure to Forensic Psychiatry (15 days).

III year

Supervised teaching of clinical psychiatry to undergraduate Medical students, Psychiatry nursing students etc.

Independent care of long term stable patients in the community and outpatient department.

Learning to liaise with agencies in the hospital setting for community care of patients and if possible to work in a centre dealing with rehabilitation of chronic psychiatrically ill patients (15 days).

Presentation of dissertation work to the faculty of the department. In-patient and out-patient work under supervision.

Rotation Postings to Other Departments

Department of Neurology	1 month
Child Psychiatry	2 months
Department of clinical psychology	1 month
Department of Medicine	1 month
Neuro Radiology	15 days
Behavior Therapy	15 days

Scheme of Examination (Summative Assessment):

M.D. (Psychiatry) degree examination shall be held at the end of three academic years and shall consist of dissertation/thesis, written papers (Theory), clinical and viva voce.

Note: Satisfying all the pre requisites as indicated in Chapter 1 is a must to appear for the University examination. (See 15.2.1 in chapter I)

Theory:

Total 400 Marks

Written examination shall consist of four question papers each of 100 marks and three hours duration. Each paper shall consist of two long questions carrying 20 marks each and 6 short essay questions each carrying 10 marks.

The distribution of topics for each paper shall be as follows:

Paper I	Neuro Anatomy, Neurophysiology, Neurochemistry, Genetics, General and Abnormal Psychology, Social psychology, Anthropology, Ethology and Statistics.	100 Marks
Paper II:	History of psychiatry, Classificatory systems in Psychiatry, Adult psychiatric disorders including personality disorders, substance related disorders, sexual disorders, eating disorders, sleep disorders (Epidemiology aetiopathogenesis, clinical features, treatment course and outcome). Psychosomatic disorders, Consultation-Liaison psychiatry, Geriatric psychiatry, Psychiatric emergencies, Psychooncology, Psychoneuroimmunology, Psychoneuroendocrinology, chronopsychobiology, electrophysiological procedures and brain imaging in psychiatry.	100 Marks
Paper III	Child and adolescent psychiatric disorders including mental retardation (Epidemiology, aetiopathogenesis, clinical features, treatment course and outcome) mental health issues in women including post-partum psychiatric disorders, measurements in Psychiatry,	100 Marks

Psychopharmacology, Electroconvulsive therapy, Psychosurgery, Psychotherapy, Rehabilitation in psychiatry, Forensic Psychiatry, Cultural Psychiatry, Community psychiatry and Ethics in Psychiatry.

Paper IV	Neurology and Medicine related to Psychiatry and recent advances in Psychiatry	100 Marks
	Total	<u><u>400 Marks</u></u>

Note:

- Strict division of topics may not be possible and some overlapping is inevitable.
- Questions on recent advances may be asked in any or all the papers.

Clinical	Total 200 Marks
I Long cases	
1. Psychiatry -1	75 Marks
2. Neurology -1	75 Marks
II Short cases	2 x 25 Marks
Psychiatry -2	50 Marks
Total	<u><u>200 Marks</u></u> =====

Viva – Voce and Pedagogy	100 Marks
Viva – Voce: Shall test the student’s comprehension. This includes all the components of the syllabus along with analytical approach, expression and interpretation of data, case reports etc. and also includes discussion on dissertation.	80 Marks

Pedagogy: Demonstration of teaching skills / techniques 20 Marks

Total 100 Marks
=====

Theory	Practical	Viva-voce	Total
400 Marks	200 Marks	100 Marks	700 Marks

Recommended Books and Journals (Latest Editions)

1. Sadock (B J) and Sadock (V A): Comprehensive Text book of Psychiatry: Set of 3 vols. Ed.10 Baltimore, William and Wilkins, 2017.
2. Kalpan (H I) and Sadock (B J): Synopsis of text book of Psychiatry, Ed 11, New Delhi, Waverly Pvt Ltd.
3. Kendel (R E) and Zealley (A K) (Ed), Companion to psychiatric studies, Ed.4 Edinburgh, Churchill Living stone 1998.
4. Gelder Metal, Oxford textbook of Psychiatry, Ed.2, Oxford, UP, 2009.
5. Cassem (NH), Massachusetts General Hospital. Handbook of General Hospital Psychiatry, St.Louis, Mosby, 1997.
6. Lishman (W A), Organic Psychiatry: Consequences of Cerebral Disorder, ED4, Oxford, Blackwell, Sciences, 2009.
7. Barker (Philip), Basic Child Psychiatry, Ed. 5. London, Blackwell Sciences, 1988
8. Kendel (Eric R) etal, Principles of Neural Science, Ed. 3 Prentice Hall Intl. 1991
9. Hardman (Joel F) etal, Goodman and Gilman's : The Pharmacological Basis of Therapeutics, Ed.9, New York, McGraw Hill, Ed.9
10. Munn (Norman L): Introduction to Psychology, Ed.3, Oxford and I B H Pub. 1972
11. Fish's Clinical of Psychopathology: 3rd Edition: Casey & Kelly: 2007.
12. Kuppuswamy (B): An Introduction to Social Psychology, Asia Publishing House
13. Hurlock (Elizabeth B): Developmental psychology, Tata McGraw Hill
14. James C Coleman: Abnormal Psychology and Modern Life, D B Taraporewala Sons and Co Pvt Ltd.
15. Chusid (J G): Correlative Neuroanatomy and Functional Neurology, 18th edition, 1989, Lange Medical Publication.

Recommended Books for Module on Gender Equity

1. Teacher, Law. Gender Sensitivity and Discrimination against Women. Retrieved from <https://www.google.co.in/?vref=1>
2. Siddiqi, F.E. &Ranganathan, S. Handbook on Women and Human Rights: A guide for Social Activists. (Part-I). New Delhi: Kanishka Publishers.
3. Goel, S.L.. Population Policy and Family Welfare. New Delhi: Deep and Deep Publications.
4. Carole Brugeille and Sylvie Cromer Promoting gender equity through text books- A methodical guide. Publ: United Nations Educational,
5. Scientific and Cultural Organization (UNESCO), Paris

Recommended Books for Module on Human Health and Environment

1. Text Book of Environmental Chemistry & Pollution Control, S. S. Dara and D. D. Mishra; S. Chand and Company Ltd, ISBN: 9788121908832.
2. Environmental Pollution: Health and Toxicology, S. V. S. Rana; Narosa Publishing House, ISBN: 9788173199141.
3. Environmental Chemistry: Pollution and Remedial Perspective, A. V. Salker; Narosa Publishing House, ISBN: 9788184875935.
4. Wastewater treatment: Concepts and Design Approach, G. L. Karia, and R.A. Christian; PHI Learning Pvt. Ltd, ISBN: 9788120347359.
5. Pollutants, Human Health and the Environment: A Risk Based Approach, J. A. Plant, N. Voulvoulis, K. V. Ragnarsdottir; Wiley-Blackwell, ISBN: 978-0-470- 74261-7.
6. Environmental Science: A Global Concern, P. C. William and A. C. Mary; McGraw Hill Education, USA, ISBN: 978-9339221263.
7. Pollution: Causes, Effects and Control, R. M. Harrison; Royal Society of Chemistry, UK, ISBN: 0854046216

Journals

1. Indian Journal of Psychiatry
2. Indian Journal of Medical Research
3. American Journal of Psychiatry
4. Archives of general Psychiatry
5. British Journal of Psychiatry
6. Psychiatric Clinics of North America
7. Neurology (India)
8. Lancet
9. New England Journal of Medicine
10. Indian Journal of Clinical psychology
11. NIMHANS Journal
12. Acta Psychiatrica Scandinavica
13. Psychological Medicine
14. Journal of Clinical Psychiatry
15. Indian Journal of Psychological Medicine

ANNEXURES

Check List No. 1

K S Hegde Medical Academy

A Constituent College of NITTE (Deemed to be University)

Evaluation of Seminar Presentations

Name of the Student:

Date:

Topic:

Sl. No.	Points to be Observed	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Whether other relevant publications consulted					
2.	Whether cross references have been consulted					
3.	Completeness of preparation					
4.	Clarity of presentation					
5.	Understanding of subject					
6.	Ability to answer questions					
7.	Time scheduling					
8.	Appropriate use of audio-visual aids					
9.	Overall Performance					

Remarks

Name & Signature of Faculty:

Check List No. 2
K S Hegde Medical Academy

A Constituent College of NITTE (Deemed to be University)

Evaluation of Journal Review Presentations
Name of the Student:
Date:
Title of the Paper:
Journal Details:

Sl. No.	Points to be Observed	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Article chosen was					
2.	Extent of understanding of scope and objectives of the paper by the student					
3.	Whether cross references have been consulted					
4.	Whether other relevant publications consulted					
5.	Ability to respond to questions on the paper/subject					
6.	Audio -Visual aids used					
7.	Ability to defend the paper					
8.	Clarity of presentation					
Remarks						

Name & Signature of Faculty:

Check List No. 3
K S Hegde Medical Academy

A Constituent College of NITTE (Deemed to be University)

Evaluation of Clinical Presentations
Name of the Student:
Date:
Case Details:

Sl. No.	Points to be Observed	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Completeness of history					
2.	Whether all relevant points elicited					
3.	Clarity of presentation					
4.	Logical order					
5.	Mentioned all positive and negative points of importance					
6.	Accuracy of general physical examination					
7.	Whether all physical signs elicited correctly					
8.	Whether any major signs missed or misinterpreted					
9.	Diagnosis: Whether it follows logically from history and findings					
10.	Investigations required					
	• Complete list					
	• Relevant order					
	• Interpretation of investigation					
11.	Ability of react to questioning whether it follows logically from history and findings					
12.	Ability to defend diagnosis					
13.	Ability to justify differential diagnosis					
	Total Score					
Remarks:						

Name & Signature of Faculty:

Check List No. 4
K S Hegde Medical Academy

A Constituent College of NITTE (Deemed to be University)

Evaluation of Clinical Work in Ward/OPD

(To be completed once in 3 months / End posting by respective Unit Head including posting in other departments)

Name of the Student:
Date:
Name of the Unit Head:

Sl. No.	Points to be Observed	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Regularity of attendance					
2.	Punctuality					
3.	Interaction with colleagues and supportive staff					
4.	Maintenance of case records					
5.	Presentation of cases during rounds					
6.	Investigations work- up					
7.	Bedside manners					
8.	Rapport with patients					
9.	Counseling patient's relatives for blood donation or postmortem and case follow- up					
10.	Overall quality of ward work					
Remarks						

Signature of Unit Head

Check List No. 5
K S Hegde Medical Academy

A Constituent College of NITTE (Deemed to be University)

Evaluation of Teaching Skill Practice
Name of the Student:
Date:
Topic:

Sl. No.	Points to be Observed	Strong Point	Weak Point
1.	Communication of the purpose of the talk		
2.	Evokes audience interest in the subject		
3.	Introduction		
4.	Sequence of ideas		
5.	Use of practical examples and / or illustration		
6.	Speaking style (enjoyable, monotonous, etc., specify)		
7.	Attempts audience participation		
8.	Summary of the main points at the end		
9.	Asks questions		
10.	Answers questions asked by the audience		
11.	Rapport of speaker with his audience		
12.	Effective of the talk		
13.	Uses A-V aids appropriately		
Remarks			

Name & Signature of Faculty:

Check List No. 6a
K S Hegde Medical Academy

A Constituent College of NITTE (Deemed to be University)

Dissertation Presentation
Name of the Student:
Date:
Name of the Faculty:

Sl. No.	Points to be Observed	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Interest shown in selecting a topic					
2.	Review of literature					
3.	Discussion with Guide and other Faculty					
4.	Quality of protocol					
5.	Preparation of Proforma					
Total Score						
Remarks						

.....
Name & Signature of Co-Guide
 (If Any)

.....
Signature of Guide

Check List No. 6b
K S Hegde Medical Academy

A Constituent College of NITTE (Deemed to be University)

Continuous Evaluation of Dissertation Work by Guide / Co-Guide
Name of the Student:
Date:
Name of the Faculty:

Sl. No.	Points to be Observed	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Periodic consultation with Guide/Co-guide					
2.	Regular collection of case material					
3.	Depth of analysis/discussion					
4.	Departmental presentation of findings					
5.	Quality of final output					
Total score						
Remarks						

.....
Signature of Co-Guide
 (If Any)

.....
Signature of Guide

