

REGULATIONS
B E Degree Program (Autonomous)
Revised (2017)



NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY
(An Autonomous Institution under Visvesvaraya Technological University, Belgaum)
YELAHANKA, BANGALORE 560064
Karnataka, India

PREAMBLE

Justice K S Hegde, established Nitte Education Trust (R) with emphasis on value based education, the Trust established a high school at Nitte in 1979. Today, the Nitte Education Trust comprises of Medical, Dental Colleges offering UG and PG Programmes and 5 paramedical colleges, a 1000 bed super specialty Hospital, in Mangalore. Two Engineering Colleges one at Nitte and another in Bangalore, MBA, MCA Institutes, a college of hotel management, Two First Grade Colleges at Nitte and Bangalore, several High Schools and PU Colleges in Dakshina Kannada and Udupi District and One International School in Bangalore. It has established rural health centers in different places in Udupi and Dakshina Kannada district. – In all, 38 institutions with 15,100 students, 3,100 staff and 18,500 alumni.

The Trust is headed by Shri N V Hegde, a well-known Philanthropist and is ably advised by Dr. N R Shetty, former Vice Chancellor of Bangalore University and a Reputed Academic Administrator of our Country. Nitte Meenakshi Institute of Technology at Yelahanka, Bangalore, run by the Nitte Education Trust, Mangalore, started functioning from the academic year 2001.

The Institution offers 4 years duration UG Engineering Degree Programmes in the following disciplines with a total sanctioned intake of 960 students / annum.

- **Computer Science & Engineering.**
- **Information Science & Engineering.**
- **Electronics & Communication Engineering.**
- **Mechanical Engineering.**
- **Electrical & Electronics Engineering.**
- **Civil Engineering.**
- **Aeronautical Engineering.**

It also offers the following PG Programmes in

- **M Tech in VLSI Design & Embedded Systems (2 Years duration).**
- **M Tech in Computer Science & Engineering (2 Years duration).**
- **M Tech in Thermal Power Engineering (2 Years duration).**
- **M Tech in Machine Design (2 Years duration).**
- **M Tech in Digital Communication & Networking (2 Years duration).**
- **M Tech in Computer Network Engineering (2 Years duration).**
- **M Tech in Structural Engineering (2 Years duration).**
- **M Tech in Renewable Energy (2 Years duration).**
- **Master of Business Administration (2 Years duration).**
- **Master of Computer Applications (3 Years duration).**

The Institution has VTU recognized R&D centers offering Master's and Doctoral Programmes through research in the following Departments.

- **Computer Science & Engineering.**
- **Electronics & Communication Engineering.**
- **Mechanical Engineering.**
- **Electrical & Electronics Engineering.**
- **Information Science & Engineering.**
- **Civil Engineering.**

- **Master of Computer Applications.**
- **Management Studies.**
- **Mathematics**
- **Physics and**
- **Chemistry**

All these Programmes have been approved by AICTE, New Delhi. The Institution is recognized by the Govt. of Karnataka and is affiliated to Visvesvaraya Technological University, Belgaum.

Over the last half a decade, the Institute besides developing its Campus with well-meant infrastructural facilities for academic activities and amenities for the welfare of its faculty, staff and students, has also become a Bespoke Institute for providing quality Engineering / Management Education to the needy members of the student community belonging to different states /regions of our country, the Institute's development and growth is so phenomenal that the Govt. of Karnataka and Visvesvaraya Technological University, Belgaum have conferred the prestigious "Autonomous Status" on NMIT (the youngest to have received this status) from the Academic Year 2007-08, besides, being one of the very few Institutions in Our State, which has received permission from AICTE, New Delhi to admit 15% students over and above the sanctioned intake for its UG and PG Programmes under PIO/FN quota, from the Academic Year 2008 – 2009. The Institution has also been accredited by NAAC with 'A' grade and the UG programs are accredited by NBA, New Delhi under TIER-I scheme as per Washington accord . The UGC has conferred the Autonomous Status. NMIT is the only unaided private engineering college in Karnataka state selected by the Govt. of India for the world bank funding under TEQIP (Technical Education Quality Improvement Program) Phase II under sub component 1.1. The Ministry of Micro, Small & Medium Enterprises (MSME), New Delhi has sanctioned a Technology incubation centre to NMIT.

The autonomous status of the Institute has definitely paved the way for introducing newer objectives into the philosophy of technical education. The Institute is focusing on developing and introducing courses which are not only relevant, but also holistic in terms of enhancing the professional quality of its student community seeking employment in the ruthlessly competitive global professional market.

SALIENT POINTS IN REGULATIONS OF THE AUTONOMOUS PROGRAMME

The following guidelines have been formulated by the University, keeping in mind the current challenges faced by the technical education system in the country.

1. An autonomous college is free to make changes in the existing Curriculum, Scheme of Evaluation, while fulfilling the minimum academic standards.
2. An autonomous college will follow credit system, with letter grades and numerical grade points average, for achievement testing in the examination
3. The academic year is divided into 3 segments:
 - a. Two Main semesters.
 - b. One supplementary semester.

Duration of each Main Semester will be 19 weeks and that of a Supplementary Semester will be 8 weeks.

4. In each semester, there will be various provisions for students like registration of courses in the first week of the semester, dropping the courses in the middle and withdrawal from courses towards the end, all being under the advice of Faculty Advisors. These facilities are expected to ensure proper monitoring of students by faculty advisors, leading to their improved learning capabilities and minimizing their chances of failure in the courses registered.
5. In credit system, each subject/course is assigned with credits. A student can take courses of credit weightage, for meeting the requirements of the degree programme, such courses together with their grades and the credits earned will be included in the grade card issued by the college at the end of each semester and they form the basis for determining the students' academic performance in that semester.

6. Course load

A student can register for the course work, with a minimum course load being 20 credits and a maximum course load 30 credits per semester, the average course load for a semester being 25 credits.

- This facility will enable the student to properly plan his/her course load in each semester to follow, by choosing it to be between ≥ 20 and ≤ 30 credit limits, based on faculty advice and his/her academic performance in the previous semester.
- This helps fast learners (or outstanding students) to accelerate their programme by registering and maintaining up to the maximum (30 credits) course load in each succeeding semester, based on their academic performance in the preceding and also in the current semesters; such **students are to be able to complete the total requirements of the programme (200 credits) in a shorter time period i.e. 7 semesters in all.**
- Similarly, slow learners (or weak students) are to register only for the minimum (20 credits) number of credits in each succeeding semester and strive to maintain

good performance in all the courses registered and **complete the total requirements for the programme (200 credits) with a maximum of 10 semesters.**

- Students must register for courses every semester as per the registration procedures available on the institute's website. Students must register on or before **the deadline dates** announced as per the **academic calendar**. If a student fails to register, he/she will **not be permitted to enroll** for any course for that semester.

- 200 credits have to be earned by a student to obtain the B E degree and lateral entry student (diploma) have to earn 150 credits.
- In credit system, students are assessed in two parts
 - Continuous Internal Evaluation (CIE).
 - Semester End Examination (SEE).

CIE will be conducted by the subject teacher all through the semester; which includes mid-term tests, weekly/ fortnightly class tests, assignments, quiz, seminar, projects etc.

The breakup of CIE and SEE is as follows:

| THEORY | |
|---|-----------|
| <u>Continuous Internal Evaluation (CIE)</u> | |
| Mid Sem Exam (MSE) 1 | 15 Marks |
| Mid Sem Exam (MSE) 2 | 15 Marks |
| Assignment, Test Based on assignment, Mini Projects, Experimental work/ Tutorials (Submission of Drawing Sheets in case of CAED / CMD / Electrical Machine Drawing) (Learning activity 1) | 10 Marks |
| Surprise Test, Quiz, Seminar, Mini Projects, Experimental work (Learning activity 2) | 10 Marks |
| <u>Semester End Exam (SEE)</u> | 50 Marks |
| <u>Grand Total</u> | 100 Marks |
| PRACTICALS | |
| <u>Continuous Internal Evaluation (CIE)</u> | |
| Mid Sem Exam | 15 Marks |
| Records and Continuous Assessment | 30 Marks |
| Viva-Voce, Surprise Test, Quiz (Objective Type) | 05 Marks |
| <u>Semester End Exam (SEE)</u> | 50 Marks |
| <u>Grand Total</u> | 100 Marks |

SEE will be conducted at the end of the semester, on dates to be fixed at the college level.

- A grade is basically a qualitative measure (alphabet) giving the performance of a student in a Subject such as Outstanding (S), Excellent (A), Very good (B), Good (C), Average (D), Poor (E), and Fail/Unsatisfactory (F), based on the raw marks obtained by the student (includes both CIE & SEE).

Grade Point Scale:

| | | | | | | | |
|-------------|----|---|---|---|----|----|----|
| Grade | S | A | B | C | D | E | F |
| Grade Point | 10 | 9 | 8 | 7 | 05 | 04 | 00 |

| | | | | | | | |
|---------------------------|------|-------|-------|-------|-------|-------|------|
| Marks Obtained out of 100 | ≥ 90 | 75-89 | 60-74 | 50-59 | 45-49 | 40-44 | < 40 |
|---------------------------|------|-------|-------|-------|-------|-------|------|

There will be no re-examination for any course in the credit system, to take care of student who has failed, Student would require to re-register for the course when it is offered again (either in a main or supplementary semester) and fulfill the Passing Standards laid down to earn the specified credits.

10. Mandatory (Non Credit) Learning Courses:

The performance of the student in these courses is based on his Continuous Internal Assessment only and there is NO Semester End Exam for these courses.

The attendance requirement in these courses is 85% just like any other credited course.

For a pass in these courses the requirement is that he/she should score ≥40% in the internal marks (CIE Marks). Depending on his score in CIE, grade will be given similar to that of a credited subject.

The grades (grade points) will not be considered for calculation of SGPA/CGPA.

The performance of the student in these courses will not be considered for the vertical progression.

If the student fails to secure minimum attendance and/or minimum prescribed marks in CIE, he/she will be awarded NE grade/F grade such students have to re-register for such courses again in the subsequent main semester/supplementary semester and put in the minimum prescribed again in the subsequent main semester/ supplementary semester and put in the minimum prescribed attendance and earn the pass grade in CIE

11. ADD/ DROP / AUDIT / WITH DRAWAL options

- A student has the option to ADD courses for registration till the date specified for late registration, subject to the registration clause 6.
- A student has the option to DROP courses from registration until one week after the mid-semester examination without being mentioned in the Grade card. Such course to be taken up for study and reregistered by these students at a later time. He can drop up to the minimum credits specified for the semester, as per clause 6.
- A student can register for auditing a course, or a course can even be converted from credit to audit or from audit to credit, with the consent of faculty advisor and the course instructor until one week after the mid-semester exam. However, CORE courses shall not be made available for audit. It is not mandatory for the student to go through the regular process of evaluation in an audit course. However, the student has to keep the minimum attendance requirement, as stipulated by the corresponding DUGC for getting the 'U' grade awarded in a course, failing which that course will not be listed in the Grade Card.
- A student can withdraw from a course at the end of the semester (before CIE submission to the exam section) with a mention in the Grade Card (Grade 'W'); such courses to be taken up for study and reregistered by these at a later time. He can withdraw up to the minimum credits specified for the semester.

12. The Transitional Grades 'I', 'W' and 'X' would be awarded by the teachers in the following cases. These would be converted into one or the other of the letter grades (S-F) after the student completes the course requirements.

Grade 'I': Awarded to a student having satisfactory attendance at classes and meeting the passing standard at CIE, but remained absent from SEE for valid & convincing reasons acceptable to the College, like Illness or accident, which disabled him/her from attending SEE, A calamity in the family at the time of SEE, which required the student to be away from the College; In addition to the norms the following procedure has to be followed to avail the benefit of I Grade:

- The Student / Parent / Guardian has to inform the Principal / Dean Academic / Controller of Examination / HOD, prior or on the day of examination about the inability of the student to attend the examination.
- After informing the authorities, should furnish the supporting documents within two days of the concerned examination.

The decision of assigning 'I' grade for such candidate will be at the discretion of the Principal / Controller of Examination based on the validity of the initial information provided and the supporting documents. Under no circumstances 'I' Grade will be awarded if initial information / supporting documents are not furnished within specified time.

Grade 'W': Awarded to a student having satisfactory attendance at classes, but withdrawing from that course before the prescribed date in a semester under Faculty Advice;

Grade 'X': Awarded to a student having **attendance** $\geq 85\%$ and **CIE** rating $\geq 60\%$ in a course, but SEE performance observed to be poor, which could result in an overall F Grade in the Course.

By the end of the an academic year, during the supplementary semester, all the temporary grades will be converted into one of the regular grades (S, A, B, C, D, E or F). The temporary grades cannot be carried to the next academic year.

- A student having an X Grade in a subject and failing to pass the subject in the immediate next exam (supplementary semester) will be the automatically awarded an F grade.
- In the supplementary semesters no provision to award X grade, irrespective of the percentage of attendance and the CIE marks.
- A student having I grade in a subject failing to pass in the immediate next exam (Supplementary Semester) or not appearing for the immediate exam will be automatically converted into F grades.
- Once a subject has been awarded the F grade, it cannot be again awarded any temporary grade in the subsequent exams, it can only be converted into one of the eligible pass grades (S, A, B, C, D, E) based on the performance of the student in the subject in the subsequent exam, else it continues to be in F Grade.

13. Passing Standards

| | | |
|-----|----------|----------------------------|
| CIE | 50 Marks | $\geq 40\%$ (i.e.20 Marks) |
| SEE | 50 Marks | $\geq 40\%$ (i.e.20 Marks) |

- A student will not be allowed to take the SEE, if the CIE is less than 40 %.
- A student will be put in Not Eligible (NE) status, which will amount to F grade in the course in the following cases,
 1. Not allowed to take SEE for not fulfilling the minimum attendance requirement.

2. Not allowed to take SEE for not fulfilling the minimum CIE requirement
3. Absent for SEE.
4. There shall be no re-examination for any course in the credit system to take care of such students:
 - a. Who have absented themselves from attending CIE or SEE without valid reasons; or
 - b. Who have failed (secured 'F' grade) to meet the minimum passing standards prescribed for CIE and/or SEE; or
 - c. Who have been detained for want of attendance; or
 - d. Who have withdrawn ('W' grade)

Such students shall be required to re-register for the course(s) for study and go through CIE and SEE again and obtain a grade equal to or better than 'E'.

- 14.** Grade point average is a credit index used for calculating Semester Grade Points Average (SGPA) and the Cumulative Grade Point Average (CGPA), both of which are important performance indices. SGPA & CGPA are calculated as below:

SGPA = Σ (Subject Credit X Grade Point) for all the Subjects registered in the current semester / Σ (Subject Credit) for all the Subjects registered in the current semester. (Excluding Transitional Grade I)

CGPA = Σ (Subject Credit X Grade Point) for all the Subjects registered upto the end of the current semester / Σ (Subject Credit) for all the subjects registered but excluding subjects with 'F' Grade upto the end of the current semester. (Excluding Transitional Grades I).

14.a Grade card

A separate grade card will be issued after every Odd semester exam/ even semester exam / makeup exam/ supplementary exam that he/she has appeared.

14.b Makeup examination

The makeup examination facility is available to the students who may missed to attend the SEE of one or more course in a semester for valid reasons and given the "I" grade by the competent authority after every Odd/Even semester end exam.

Students having the "X" grade shall also be eligible to take advantage of this facility.

The makeup examination will be held after the announcement of main (Odd/Even semester) end examination results.

The standard of the makeup examination is same as that of the main examination.

After the makeup examination all the temporary grades (I/X grades) will be converted into a regular grade like S, A, B, C, D, E, F.

Students having temporary grades (I/X grades) who do not make use of the makeup examinations, their temporary grades shall automatically be converted to F grade.

After each makeup examination all the pending temporary grades (I/X grades) will be converted to F grade.

Separate grade card is issued for the makeup exam.

15. Vertical Progression

It would also be necessary to lay down uniform minimum standards for the vertical progression of students from current academic year to the next academic year. This would be helpful in facilitating the mobility of students from one College to another and also in avoiding any confusion among the students. The prescribed standards for vertical progression are,

- A student can carry a maximum of 4 (four) 'F' grades/ four subjects (courses) of the current year of study to become eligible for admission to the next year of study.
- Should have passed all the first and second semester courses to become eligible for the admission for fifth semester and can carry a maximum of four subjects of second year.
- Should have passed all courses of first to fourth semesters to become eligible for the admission for seventh semester and can carry a maximum of four subjects of third year.
- **Minimum standard for CGPA=5.0 at the end of the each academic year.**

16. Sometimes, it would be necessary to provide an equivalence of these averages, viz., SGPA and CGPA with the percentages and/or Class awarded as in the conventional system of declaring the results of University examinations. This can be seen from Table which reproduces the approach of the Council for this purpose:

Percentage Equivalence of Grade Points (For a 10-Point Scale)

| Grade Point | Percentage of Marks |
|-------------------|---------------------|
| < 6.75 | Second class |
| ≥ 6.75 and < 7.75 | First class |
| ≥ 7.75 | FC with Distinction |

Conversion of grade point into a percentage is given by : % Marks = (Grade point - 0.75) x10

17. Supplementary Semester

- Supplementary Semester is primarily to assist Weak and /or failed students through make up courses. In the Autonomous scheme, students having F grade in any of the subjects cannot directly write the supplementary exams. They have to re-register for such subjects and earn the required CIE and attendance then take the supplementary SEE.
- A student shall be allowed to register for a maximum of 20 *credits* in a supplementary semester.
- The supplementary semester shall be utilized primarily to facilitate the failed students to attend the courses in which they have failed and not for launching any new courses for *credit*. However, a Department shall be free to arrange any 'Add-On' courses for its students during this semester.
- The academic activity in the supplementary semester shall be at double the rate as compared to a normal semester; e.g., 1 *credit* of course work shall require two hours/week in the classroom, so that the total contact hours are maintained at the same level as in a normal semester. It shall also be necessary to fulfill the requirements of CIE and SEE for all the courses like in a normal semester.
- Students intending to avail this facility shall have to register for the courses offered by paying the prescribed fees within the stipulated time.

18. Attendance

- The candidate has to put in a minimum attendance of 85% in each subject/course with a provision of condoning 10% of the attendance by Principal for reasons such as medical grounds, participation in University level sports, cultural activities, seminars, workshops and paper presentation etc.
- A candidate having shortage of attendance in one or more subject shall have to repeat those courses.
- Students desirous of leave of absence for less than two weeks during a semester shall apply for it in advance to the Head of the Department giving reasons & supporting documents, if any and get approved.

19. Termination from the programme

A student shall be required to leave the College without the award of the Degree, under the following circumstances:

- Failure (Getting F Grade) and not passing a course/subject to earn credit for the same, in spite of five successive attempts;
- Absence from attending classes for more than six weeks continuously in a semester, without the prior approval from the competent authorities.
- Failing to secure CGPA ≥ 5.0 at the end of any semester for the first time, to attract a warning before approval to continue in the following semester. However, a student failing to secure CGPA ≥ 5.0 on three consecutive occasions would be asked to discontinue the programme and leave the college.
- Failure to complete a full time 4 year B E programme in 8 years and in 6 years for lateral entry students.

20. Degree Requirements

- Minimum Earned Credit Requirement for B E Degree is 200 and 150 for lateral entry students.
- Completed all the prescribed credit requirements for the award of Degree in each of the courses, like Theory, Laboratory, Studio, Workshop, Seminar and Project Work;
- Satisfactory completion of all Mandatory Learning courses.
- Obtained a CGPA of ≥ 5.00 at the end of the semester in which he/she completes all the requirements for the award of the Degree;
- Paid all the dues to the College including the Department, Hostels, Library and other units;
- No case or disciplinary action pending against him/her.
- The Maximum duration for a student for complying to the Degree The requirement is EIGHT years from the date of first registration for his first semester and SIX years for lateral entry students.

20. Declarations of Rank

- a. Ranks are awarded in each branch of Engineering based on the CGPA secured by the candidates (considering I to VIII semester subjects for students admitted to I semester of Engineering and III to VIII semester subjects for Lateral Entry students admitted directly to III semester).

Provided the candidate

- Has completed the entire course in the college itself.
 - Has passed all the subjects in first attempt only, including the mandatory subjects with a CGPA of at least 7.75 (FCD) or more.
 - Has not repeated/rejected/withdrawn/secured I, F, W, X, NP grades in any of the subjects in the entire course.
 - Has not discontinued the program for any period during the course of study.
 - Has not been awarded any punishment for being involved in malpractice or indiscipline during the course of study in the college.
- b. A minimum of 10 candidates should have appeared for the 8th semester examination in that branch of Engineering.
- c. Total no. of ranks shall be 10% of total no. of candidates appeared in the 8th semester program in that branch of Engineering subject to a maximum of 5 ranks if the sanctioned intake of the branch is 60 and a maximum of 10 ranks if the sanctioned intake of the branch is 120 or more in the considered batch at admission.

21. Conduct during Examination

- a. Only one main answer book will be issued and normally no additional Books are permitted.
- b. The candidate should write his/her seat number and give other information like examination, semester, subject, subject code, etc., against the space provided on the title page of the answer book.
- c. The candidate shall not write his/her name/USN or put any identification mark in any part of the answer book, which may disclose his/her identity which will be treated as malpractice and liable for penalization.
- d. The question numbers should be mentioned in the margin only.
- e. The candidate shall write answers on both the sides of sheets of the answer book. All rough work must be done in the space provided at the end of the answer book. Answers must be written using blue ink (ball pen or ink pen). If there is a change in ink, the same shall be attested by the Room Superintendent on the facing sheet of the answer script at the top.
- f. Answer book should be handed over personally to the Room Superintendent before leaving the examination hall.
- g. No. candidate shall be permitted to go to the toilet during the period of examination.
- h. The candidate should not take any books/notes, log table, scribbling pads, Cell phones, programmable calculators, Pen Drive, or any kind of reference material into the examination hall. The candidate should make sure that he/she has no unauthorized book or paper in the examination hall with him/her or in his/ her desk. He/she should have only articles permitted like Identity Card, Hall Ticket /Admission Ticket. The candidate should not write anything on the Admission Ticket, or Identity Card or Calculator should not have any writings other than officially printed.
- i. A warning bell will be given 10 minutes before the commencement of the examination when all the candidates should take possession of their seats, another bell will be given at the beginning of the examination when question

papers will be distributed and the students should start writing the answers. No candidates shall be admitted 30 minutes after the commencement of the examination and also shall be allowed to leave the examination hall before 45 minutes of since the commencement of the examination. No candidate should leave his/her seat during last 10 minutes. Warning bell will be given 10 minutes before the closing time and final bell is given at the end of the examination. Then all the candidates should stop writing or revising the answers and should hand over the answer book to the Room Superintendent.

- j. The candidates should see that, the Room Superintendent has appended his/her signature at the specified space on the answer book as and when he/she received the answer book.
- k. Smoking and taking tea or coffee or cold drink in the examination hall is strictly prohibited. However, drinking water will be supplied on request.
- l. Any candidate appearing for the examination is liable to be charged with committing malpractice in the following cases:
 1. Bringing in the examination hall, or being found in possession of portions of a book, manuscript, Cell phones, Programmable Calculator Pen Drive or any other material or matter.
 2. Having any written matter on scribbling pad, Question Paper, Admission Ticket, Calculator, Palm, Hand, Leg, Hand Kerchief, Clothes, Socks, Instrument Box, Identity Card, Scales etc.
 3. Disclosing the identity by writing any words or by making any peculiar marks or by writing USN on the pages other than the facing sheet in the answer scripts while answering.
 4. Copying from the material or matter or answer of another candidate or similar aid or assistance is rendered to another candidate within the Examination Hall.
 5. Communicating with any candidate or any other person inside or outside the examination hall with a view to take assistance or aid to write answers in the examination.
 6. Making any request of representation or offers any threat for inducement or inducing to bribery to Room Superintendent or and any other official or officer of the college for favors in the examination hall or to the Examiner in the answer script.
 7. Smuggling out or smuggling into or tearing off of the answer script sheets or supplementary sheets or inserting papers written outside the examination hall into the answer book or running away along with the answer script from the examination hall or premises.
 8. Impersonating or allowing any other person to impersonate to answer in his / her place in the examination hall.
 9. Supply of copying material inside or from outside the examination hall.
 10. Bringing mobile phone to the examination hall. Unruly behavior inside or near the examination hall.

22. Penalties and punishments to the students involved in malpractice during the examination

| <u>Nature of Malpractice</u> | <u>The penalty to be imposed</u> |
|---|--|
| 1.Revealing the identity of the candidate | A fine not less than Rs.2500/- and/or to |

- | | |
|---|---|
| 2. Possession of Manuscript / printed or typed matter, books or notes and written matter on the calculator, instrument box, etc., or having any other written matter on the person (For Example , palm, hand , leg cloths, socks etc.,) | deny the benefit of the performance of that subject in which the candidate has revealed his/her identity. |
| 3. Detection of identical answers scripts of different candidates or allowing a candidate to copy from his/her answer scripts. | To deny the benefit of performance of the examinations of all subjects for which the candidate has appeared (both attended and to be attended) |
| 4. Appeal to the examiner with money as enclosures to the answer book / use of abusive / abusive language or threatening remarks in the answer book | To deny the benefit of performance of the examination of all subjects for which the candidates have appeared. |
| 5. Found giving or receiving assistance at the examination, passing the question paper with written answers / formulae / answer script / additional sheet / graph sheet / drawing sheet for the purpose of copying. | To deny the benefit of performance of all subjects of the semester examination for which the candidates have appeared (both attended and to be of the particular examination conducted including arrear examinations) |
| 6. Destroying the documentary evidence. | To deny the benefit of performance of the examination of all subjects for which the candidates have appeared (both attended and to be, of the particular examination conducted, including arrear examinations) debar them for a further number of chances extending up to three more examinations |
| 7. The insertion of additional sheets / graph sheets / drawing sheets, use of answer book which are not issued at the examination hall | To deny the benefit of performance of the examination of all subjects for which the candidates have appeared (both attended and to be of the particular examination conducted, including arrear examinations) and/or debar them from taking any examination for one year. Such candidates shall re-join after one year. |
| 7. In case of Impersonation or found guilty of deliberate prior arrangements to cheat in the examination. | To deny the benefit of performance of the examination of all subjects for which the candidates have appeared (both attended and to be of the particular examination conducted, including arrear examinations) debar them for taking any examination for one year. Such candidates shall re-join after one year. |
| | To deny the benefit of performance of the examination of all subjects for which the candidates have appeared (both attended and to be, of the particular examination conducted, including arrear examinations) |

- | | |
|--|--|
| 8. Abusing, threatening, manhandling the examination authorities at the examination hall or in the premises of the examination center, as well as misconduct of a very serious nature. | debar them for a further number of chances extending up to six more examinations. (For the person who has impersonated the punishment shall extend up to reprimanding) |
| 9. Any other malpractices connected with the Examination | To deny the benefit of performance of the examination of all subjects for which the candidates have appeared (both attended and to be of the particular examination conducted, including arrear examinations) debar them for a further number of chances extending up to five more examinations depending of the degree of misconduct. The committee can recommend suitable penalties and punishment. |

23. Examination Result and Appeal of Grades

- a. The results will be announced within one week from the last examination.
- b. The faculty of re-totaling, revaluation and photocopy of the answer scripts is only for the theory examination where answer scripts are valued only once (valued by single examiner). The candidate can apply for any number of papers of theory examination.
- c. A candidate shall submit an application to the Examination section in the prescribed format for re-totaling, revaluation and photocopy of the answer scripts by paying the prescribed fee within three days from the announcement of the results.

24. Gracing Policy

Grace marks shall be awarded to specified limits only in the cases where such grace marks would enable a candidate to pass either in a subject/ theory/practical or the whole examination.

- 24.1. Grace Marks shall be awarded to a subject/Theory/practical to a maximum of 1 (One) marks if, after gracing, the candidate gets minimum prescribed marks in the theory/practice and passes on the subject.
- 24.2. A candidate shall be eligible to a maximum of 2 (Two) grace marks, provided
 - a. He/She has failed in only one subject of the examination.
 - b. Passes the whole examination by such gracing.
 - c. Gets minimum prescribed grade in the paper / practical and satisfies aggregate for passing by such gracing provided not graced as per 24.1.

25. Internship/Minor Projects/Self study

Internship/Minor Projects/Self study is 2 credit student centric activities within the requirement of 200credits for the degree program.

25.1 Internship

- a. The internship has to be carried out by the student during summer vacation in an industry / R&D organization / in the house.

- b. Duration of internship preferably is to be six weeks, but not less than four weeks.
- c. Before taking up the internship, students should submit a detailed report to the department on the work to be taken during the internship, permission letter from the organization where the internship to be carried out indicating the scope of the internship.
- d. The student should submit an attendance certificate indicating the actual percentage of attendance duly signed by the respective authorities.
- e. An internship completion indicating salient learning outcome of the internship by the student duly signed by the respective authorities along with the detailed report has to be submitted to the department.
- f. The student should be assessed by the committee formulated at the departmental level for CIE.
- g. SEE be conducted jointly by an internal / external examiner through viva voce and power point presentations.

25.2 Minor Projects

- a. The minor project to be identified by the students (should not be repetitious of any mini project or final semester project undertaken by the students) and approved by the DUGC.
- b. The project selected should be such that the student has to put in at least 96 hours of work equivalent to 2 credits.
- c. Max. no. of students in the minor project could be 4.
- d. The student should submit the project proposal with expected learning outcomes and get approval from the DUGC.
- e. The student has to submit the detailed project report along with the learning outcomes from the minor project.
- f. The department will arrange for internal evaluation for CIE.
- g. SEE be conducted jointly by an internal / external examiner through viva voce and power point presentations.

25.3 Self study

- a. The value added course should be selected such that, the topic is not covered in any of the courses studied for the award of the degree.
- b. The value added course should be approved by the DUGC.
- c. The project selected should be such that the student has to put in at least 96 hours of work equivalent to 2 credits.
- d. The department has to formulate a scheme for evaluation of CIE component.
- e. Each candidate has to submit a detailed report of the self study along with the learning outcomes from the course.
- f. The candidate will be evaluated for SEE jointly by an internal / external examiner through viva voce and power point presentations.

26. Resolution of Disagreements

The principal will have the final say in the event of any disagreement in the interpretation of text in this handbook

RAGGING

Ragging which is a social evil can cause an ill effect on the student community. This may have a psychological and physical effect on a student. To curb this NMIT has taken several steps. With respect to the Reference to clause (g) of sub – section (I) of Section 26 of the University Grants

Commission Act, 1956, and AICTE notification vide curricular no. F. No. 37-3/legal /AICTE/2009 dated 25/03/2009, all regulations will be followed strictly in the institute to root out ragging in all its forms, by prohibiting it by law, preventing its occurrence by following the provisions of these Regulations and punishing those who indulge in ragging as provided in these Regulations and the appropriate law in force.

Ragging constitutes one or more of any of the following acts

- a. Any conduct by any student or students, whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student;
- b. Indulging in rowdy or undisciplined activities by any student or students, which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student;
- c. Asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student;
- d. Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher;
- e. Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.
- f. Any act of financial extortion or the forceful expenditure burden put on a fresher or any other student by students;
- g. Any act of physical abuse, including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;
- h. Any act or abuse by speaking words, emails, posts, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to a fresher or any other student;
- i. Any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

Punishments:

Action to be taken on students who indulge in ragging are

- a. Every single incident of ragging a First Information Report (FIR) will be filed without exception, of the institutional authorities with the local police authorities.
- b. Depending upon the nature and the gravity of the offence as established the possible punishments for those found guilty of ragging shall be any one or any combination of the following:
 - (i) Cancellation of admission.
 - (ii) Suspension from attending the classes.
 - (iii) Withholding/withdrawing scholarship/fellowship and benefits.
 - (iv) Debarring from appearing in any test/examination or other evaluation process.
 - (v) Suspension/Expulsion from the hostel.
 - (vi) Rustication from the institution for period from 1 to 4 semesters.
 - (vii) Expulsion from the institution and consequent debarring from admission to any other institution.

(viii) Collective punishment: when the persons committing or abetting the crime of ragging are not identified, the institution shall report to collective punishment as a deterrent to ensure community pressure on the potential raggars.

Two committees have been formed to monitor and curb the ragging in the campus 24x7 under the chairmanship of Principal

DISCIPLINE IN CAMPUS

1. All students shall be required to conduct themselves in a manner befitting the students of a national institution of high reputation, within and outside the precincts of the institution.
2. Unsocial activities like **ragging** in any form shall not be permitted within or outside the precincts of the institution and the students found indulging in them shall be dealt with severely and dismissed from the institution.
3. The following additional acts of omission and /or commission by the students within or outside the precincts of the college shall constitute gross violation of code of conduct which is punishable.
 - Lack of courtesy and decorum, as well as indecent behavior.
 - Willful damage of property of the Institution/Hostel or fellow students.
 - Possession, consumption or distribution of alcoholic drinks or any kind of hallucinogenic drugs, smoking.
 - Mutilation or unauthorized possession of library material, like books.
 - Hacking into computer systems (such as entering into an other persons' area without prior permission, manipulation and/or damage of computer hardware and software or any other cybercrime etc.).
 - Use of Mobile in the college Academic area.
 - Unauthorized fund raising and promoting sales.
 - Any other considered by the college as of gross indiscipline.
 - In each case above, the punishment shall be based on the gravity of offense covering from reprimand, levy of fine, expulsion from the hostel, debar from examination, rustication for a period, to outright expulsions.
 - The reprimanding authority for an offense committed by students in the Hostels and in the Department or the classroom shall be respectively, the Warden of the Hostels and the Head of the concerned Department.
 - Should wear prescribed uniform while in the campus and also has to wear an ID card issued by the College.
 - **A student will be completely responsible for all his/her possessions, including his/her Laptop/Computer/Electronic gadgets/ ornaments/ cash etc. The institute will not be responsible for any loss/damage incurred.**

DRUG FREE ZONE

Ministry of social justice and empowerment, United Nations office on drugs and crime has jointly recognized the NMIT as drugs free zone. NMIT in association with Narcotics control bureau, zonal unit, Bangalore, ministry of home affairs, Govt. Of India are organizing several awareness camps in the campus to educate the students about the ill effect of the drugs, implement appropriate responses to drug related incidents, with an emphasis on precaution thru drug education to form procedures for managing drug related incidents, including illegal drugs, alcohol, tobacco and misuse of over the counter and prescribed medications and includes provision of advice on supporting students who may have drug related problems.

LIBRARY & INFORMATION CENTRE

The library has a collection of more than 45, 09,500 books, 14,000 e-books and 2,600 audio-video materials. We have an institutional membership with the British Council Library, National Aerospace Laboratories (NAL) and Indian Institute of Science (IISc). We have subscribed to several National & International journals including ACM, IEEE-IEL Online, Springer E-Journal, Science Direct.com, ASCE, J-Gate, K-Nimbus Digital Library Platform etc. Students can borrow 2 books at a time from the library which is to be renewed once in 15 days, . In addition to this they can avail books from Book Bank Scheme and can retain till the end of the semester. Digital Library is equipped with courseware of NPTEL, IIT Mumbai, MIT, Berkeley, Stanford University and self -learning course contents of VTU e-Vidya, as well as material on GRE, TOEFL and Soft Skills.

Facilities available:

1. Digital Library
2. Internet Facility
3. Reprography
4. Book Bank Facility (General & SC/ST)

Library Timings:

| | Books Circulation Section | Reference Section |
|---------------|---------------------------|-------------------|
| Monday-Friday | 8.30AM-4.15PM | 8.30AM-10.00PM |
| Saturday | 8.30AM-1.15PM | 8.30AM-6.00PM |
| Sunday | | 9.30AM-1.30PM |