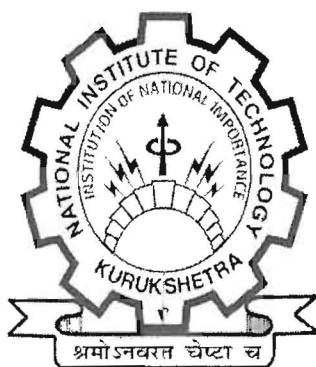# NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

AGENDA

For

47th MEETING OF SENATE

Venue of meeting: Senate Hall, NIT, Kurukshetra

Date & Time   :   15th July, 2022 at 11:00 a.m.

INDEX

S 47.01   To confirm the minutes of 46th Senate meeting held on 28.3.2022.

The minutes of 46th Senate meeting held on 28.3.2022 were circulated among Senate members through email dated 12.4.2022. No comments have been received from any member of the Senate. The minutes are enclosed as Annexure S 47.01 from pages **02** to **10.**

The Senate may confirm the minutes of 46th Senate meeting held on 28.3.2022.

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

MINUTES OF 46th MEETING OF THE SENATE

Minutes of the 46th meeting of the Senate, NIT, Kurukshetra held on Monday, 28th March 2022 at 12.05 p.m. in the Senate Hall of the Institute.

MEMBERS PRESENT

1. Prof. B.V. Ramana Reddy Director National Institute of Technology Kurukshetra	Chairperson
2. Prof. Sudhir Kumar, Professor (HAG) Deptt. of Civil Engg. MNIT Jaipur	External Member
3. Dr. Rashmi Gaur, Professor & Head Deptt. of HSS, IIT Roorkee	External Member

Dr. Rashmi Gaur, External member attended the meeting in online mode.

Internal Members (Department wise & in alphabetical order)

Business Administration

4. Prof. Neeraj Kaushik

Civil Engineering Department

5. Prof. Arun Goel, Professor
6. Prof. Ashwani Jain, Professor
7. Prof. H.K. Sharma, Professor
8. Prof. K.K. Singh, Professor
9. Prof. Mahesh Pal, Professor
10. Prof. Pratibha Aggarwal, Professor
11. Prof. Saraswati Setia, Professor
12. Prof. S.K. Madan, Professor
13. Prof. S.K. Patidar, Professor
14. Prof. S.M. Gupta, Professor
15. Prof. Surinder Deswal, Professor

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Computer Engineering Department

16. Prof. A.K. Singh, Professor
17. Prof. J.K. Chhabra, Professor
18. Prof. Mayank Dave, Professor
19. Prof. Sanjay Kumar Jain, Professor

Computer Applications Department

20. Prof. Ashutosh Kumar Singh, Professor

Chemistry Department

21. Prof. J.K. Kapoor, Associate Prof. & HoD

Electrical Engineering Department

22. Prof. A. Swarup, Professor
23. Prof. Ashwani Kumar, Professor
24. Prof. G.L. Pahuja, Professor
25. Prof. Jagdeep Singh Lather, Professor
26. Prof. Jyoti Ohri, Professor
27. Prof. Sathans, Professor

Electronics & Communication Engineering Department

28. Prof. Brahmjit Singh, Professor
29. Prof. O.P. Sahu, Professor
30. Prof. Rajoo Pandey, Professor
31. Prof. R.K. Sharma, Professor
32. Prof. Umesh Ghanekar, Professor
33. Prof. Vrinda Gupta, Associate Professor & HoD

Humanities & Social Sciences Department

34. Prof. Kiran, Professor
35. Prof. Vikas Choudhary, Professor

Mechanical Engineering Department

36. Prof. Ajai Jain, Professor
37. Prof. Dixit Garg, Professor
38. Prof. Gian Bhushan, Professor
39. Prof. Hari Singh, Professor
40. Prof. Meenu, Professor
41. Prof. Pankaj
42. Prof. P.C. Tiwari, Professor
43. Prof. P.K. Saini, Professor

Minutes of 46th meeting of Senate

44. Prof. Surjit Angra, Professor
45. Prof. V.K. Bajpai, Professor
46. Prof. Vinod Kumar, Professor

Mathematics Department

47. Prof. Paras Ram

Physics Department

48. Prof. Ashavani Kumar, Professor
49. Prof. Neena Jaggi, Professor
50. Prof. R.P. Chauhan, Professor

Special Invitee

51. Dr. A.S.V. Ravi Kanth, Associate Professor, Mathematics Deptt. & Prof. I/C (Acad.)

The following members could not attend the meeting

1. Dr. S.K. Mehta, Professor   External Member
    Deptt. of Chemistry
    Punjab University, Chandigarh

Internal Members (Department wise & in alphabetical order)

Civil Engineering Department

2. Prof. Parveen Aggarwal, Professor
3. Prof. Subodh Ranjan. Professor
4. Prof. V.P. Singh, Professor

Computer Engineering Department
5. Prof. R.K. Aggarwal, Professor

Chemistry Department
6. Prof. Minati Baral, Professor

Electrical Engineering Department

7. Prof. K.S. Sandhu, Professor
8. Prof. L.M Saini, Professor
9. Prof. Ratna Dahiya, Professor
10. Prof. R.S. Bhatia, Professor
11. Prof. Yash Pal, Professor

Mechanical Engineering Department

12. Prof. Dinesh Khanduja, Professor

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13. Prof. Puneet Kumar, Professor

At the outset, Hon'ble Director and the Chairman Senate welcomed External & Internal Senators. He, then accorded permission to present the agenda of the meeting.

The agenda was taken up and after detailed deliberations, the following decisions were taken in the meeting:

S 46.01   **To confirm the minutes of 45th Senate meeting held on 10.12.2021.**

The Senate confirmed the minutes of 45th Senate meeting held on 10.12.2021.

S 46.02   **To note the action taken report on the minutes of the 45th meeting of the Senate held on 10.12.2021.**

The Senate noted the action taken report on the minutes of the 45th meeting of the Senate held on 10.12.2021. While noting the action taken under item no. S 45.09, one of the Senators raised issue of admission to Ph.D. programme of two other non-teaching employees of the Institute as part-time candidates. The Senators debated on this issue and it was resolved that the Senate be apprised of the details regarding their admission in the next meeting.

S 46.03 To ratify the following:

- (i) **Minutes of 62nd meeting of SCSA held (online) on 28.01.2022 .**
- (ii) **Approval of the Chairman, Senate for change in the mid semester break for even semester of AY 2021-22.**
- (iii) **The nomination of faculty member as Senate Nominee on the Board of Governors of the Institute.**

- (i) The Senate ratified the minutes of 62nd meeting of SCSA held (online) on 28.01.2022 with the condition that the decision taken in 62nd meeting of SCSA vide item no. SCSA 62.01 will be reviewed under item S 46.11 of the 46th Senate meeting and the outcome thereof will be the final decision.
- (ii) The Senate ratified the approval of the Chairman, Senate for change in the mid semester break for even semester of AY 2021-22.
- (iii) The Senate ratified the approval of the Chairman, Senate.

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S 46.04 **To consider grant of mercy chance to the students to re-appear in the mid and/or end semester examinations of B.Tech., M.Tech., MBA and MCA after the expiry of maximum duration of the course as a one-time measure invoking the Diamond Jubilee Celebration.**

The Senate agreed in principle and approved the proposal to grant the mercy chance during the Diamond Jubilee Celebrations Year i.e. academic year 2022-23 to the students concerned as a one time measure.

The Senate, in this regard, constituted a Committee of the following:

1.	Prof. S.M. Gupta, Dean (IIR)	Chairman
2.	Prof. Dixit Garg, Dean (SW)	Member
3.	Prof. Lillie Dewan, Prof. Elect. Engg. Deptt.	Member
4.	Prof. Vikas Chaudhary, HoD, Humanities & SS	Member
5.	One Alumnus to be nominated by the President, NITKAA	Member

The Committee will :

(i) draft the modalities/guidelines for grant of mercy chance as to how many courses to be allowed, fees to be charged, number of mercy chances to be given, and conduct of remedial classes before the mercy exam. etc.

(ii) suggest the measures to be taken in future to ensure that the students are able to graduate within the stipulated duration of the degree.

(iii) any other issue as deemed appropriate.

The above Committee will submit the report within one month.

S 46.05 **To consider the proposal for instituting Dr. Amitabh Sharma Scholarship for the MBA (final year) girl student from economically weaker section effective from academic session 2022-23.**

The Senate considered and approved the proposal for instituting Dr. Amitabh Sharma Scholarship for the MBA (Final year) girl student from economically weaker section. This scholarship will be effective from the academic session 2022-23. Under this scholarship, an amount of Rs. 25,000/- and a certificate will be awarded to MBA final year girl student from economically weaker section, based on her MBA (previous) result subject to the fulfilment of academic and other criteria. For formulating the guidelines and implementation of this scholarship, a Committee will be constituted by the Chairman, Senate.

S 46.06 To consider and decide the following proposals from Department of Business Administration:

(i) To increase 7 nos. seats in the existing intake of MBA programme

(ii) Introduction of new course on 'Research and Publication Ethics' for all Ph.D. research scholars in line with the regulations of UGC and the syllabus provided for thereby.

(i) After detailed deliberations, the senate agreed upon the proposal to increase 7 nos. seats in the existing intake of MBA programme with two times of existing tuition fees. However, the regular employees of Defense Sector Undertakings/ Public Sector Undertakings/Autonomous Bodies (Central & State Government)/Private Industry incorporated in the Indian Companies Act of 1956, with two years' experience are eligible to apply for MBA programme.

(ii) After detailed discussions, the Senate agreed upon the proposal of introduction of new course on 'Research and Publication Ethics' of 2 credits for all Ph.D. research scholars in line with the regulations of UGC.

The Senate confirmed the minutes of this item in the meeting itself and recommended the decision to the Board of Governors for approval.

S 46.07 To consider the change of name of the Departments of Physics, Chemistry, and Mathematics.

After detailed deliberations, the HoDs of the respective departments informed the Senate that the syllabi of the courses being offered by the departments are being designed suiting to the needs of the individual discipline of engineering.

In view of the above, the agenda item was withdrawn.

S 46.08 To consider the proposal for establishment of "School for Innovation Technologies (*A Multidisciplinary Approach*)" for starting following four new B.Tech. courses (under self finance mode)

(i) IIOT (Industrial Internet of Things)

(ii) Robotics and Automation

(iii) AI and Data Science

(iv) AI and Machine Learning

The Senate considered the proposal and after detailed deliberations, as per Clause 8 (xiii) of the first Statutes of NITs, the Senate recommended to the Board for creation of "School of Innovation Technology (A Multidisciplinary Approach)" and starting of following new B.Tech. programmes from the academic session

Minutes of 46th meeting of Senate   6

2022-23 under self-finance mode with an intake of 120 in each course and tuition fee to be charged will be double of the normal tuition fee of existing B.Tech. programmes of the Institute.:

Sr. No.	Name of Programme
1	IIOT (Industrial Internet of Things)
2	Robotics and Automation
3	AI and Data Science
4	AI and Machine Learning

The Senate also approved the mentor departments for above courses as under:

Sr. No.	Name of Programme	Mentor Department
1	IIOT (Industrial Internet of Things	Electronics & Comm. Engg.
2	Robotics and Automation	Mechanical Engg.
3	AI and Data Science	Computer Application
4	AI and Machine Learning	Electrical Engg.

The minutes of Senate item no. S 46.08 are confirmed in the meeting itself, keeping in view the time bound and urgent nature of this item for being placed before the Board of Governors in its meeting to be held on 30th March, 2022 for approval.

S 46.09   **To consider the proposal for constituting a Committee for B.Tech. curriculum revision in line with NEP-2020.**

After detailed discussions, the Senate authorized the Chairman, Senate to constitute a Committee for B.Tech. curriculum revision in line with NEP-2020.

S 46.10   **To note the admission status of all UG and PG programmes.**

The Senate noted the admission status of all UG and PG programmes.

S.46.11   **To review the decision of SCSA meeting held on 28.1.2022 vide item no. SCSA 62.01 regarding modalities of end semester examinations of even semester of AY 2021-22.**

The Senate reviewed the decision of SCSA and decided that the end semester exams. of even semester of AY 2021-22 will be conducted in offline mode except

for B.Tech. 2nd semester and MCA 2nd semester for which the decision will be taken by the Chairman, Senate later.

S 46.12 **To discuss the proposal of Computer Engineering Department regarding suspension of admission to M.Tech. Computer Engineering (Cyber Security) w.e.f. AY 2022-23.**

The Senate did not agree upon the proposal of Computer Engg. Deptt. regarding suspension of admission to M.Tech. Computer Engg. (Cyber Security). However, the Chairman, Senate assured to address the issue of shortage of faculty/infrastructure etc.

S 46.13 **To ratify the approval of Chairman, Senate for conduct of online/blended classes for some students of Afghanistan.**

The Senate ratified the approval of Chairman, Senate. The classes will be conducted in online/blended mode for these students. Their attendance in this semester for all the courses will be marked accordingly. Their test and exams. in this semester will also be conducted in online mode. The period from 7.3.2022 (date of commencing the classes in offline mode) until the arrangements are made for online classes for these students by the respective departments, will be treated as dead period towards their attendance.

S 46.14 **To consider and decide the proposal for Best Project Award and Best All Rounder Award for B.Tech. final year students.**

The Senate considered the proposal and decided that the Best Project Award and Best All Rounder Award will not be given for Academic Years 2019-20, 2020-21 and 2021-22 because the students remained physically absent from the Institute due to prevailing conditions of COVID-19 and their performance could not be assessed.

S 46.15 **To consider the request of some students for conduct of online classes for them in even semester of Academic Year 2021-22 due to their critical health issues.**
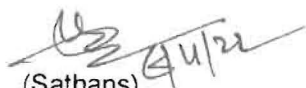
The Senate considered and agreed upon the request of some students for conduct of online classes for them in even semester of Academic Year 2021-22 due to their critical health issues. The classes will be conducted in
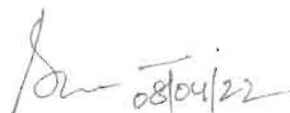
NIT Kurukshetra

online/blended mode for these students. Their attendance in this semester for all the courses will be marked accordingly. Their test and exams. in this semester will also be conducted in online mode. Their period of absence due to critical health issues from 07.03.2022 until the arrangements are made for online / blended classes by the respective Departments / Schools, will be treated as dead period towards their attendance. The medical certificate / condition of all such students will be examined case by case by the SMO / MO of the Institute Health center and if found in order, then only, these students will be extended the above relaxation by the respective HoDs/School Coordinators.

The meeting ended with vote of thanks.

(G.R. Samantaray)   06/04/22
Registrar Incharge &
Secretary,Senate

(Sathans)   4/4/22
Dean (Academic)

08/04/22
(B.V. Ramana Reddy)
Director & Chairman Senate

S 47.02   **To note the action taken report on the minutes of the 46th meeting of the Senate held on 28.03.2022.**

The action taken on the minutes of 46th meeting of the Senate held on 28.03.2022 is as under: -

Action Taken Report on the minutes of the 46th meeting of the Senate (28.03.2022)

Item No.	Agenda Item	Minutes of the Item (Relevant Excerpts)	Action
S 46.01	To confirm the minutes of 45th Senate meeting held on 10.12.2021.	The Senate confirmed the minutes of 45th Senate meeting held on 10.12.2021.	The Senate confirmed the minutes.
S 46.02	To note the action taken report on the minutes of the 45th meeting of the Senate held on 10.12.2021.	The Senate noted the action taken report on the minutes of the 45th meeting of the Senate held on 10.12.2021. While noting the action taken under item no. S 45.09, one of the Senators raised issue of admission to Ph.D. programme of two other non-teaching employees of the Institute as part-time candidates. The Senators debated on this issue and it was resolved that the Senate be apprised of the details regarding their admission in the next meeting.	The Senate noted the action taken report. Further, the action taken on item no. S 45.09 will be placed as Table Agenda Item in 47th Senate meeting.
S 46.03	To ratify the following: (i)Minutes of 62nd meeting of SCSA held (online) on 28.01.2022 . (ii)Approval of the Chairman, Senate for change in the mid semester break for even semester of AY 2021-22. (iii)The nomination of faculty member as Senate Nominee on the Board of Governors of the Institute.	(i)The Senate ratified the minutes of 62nd meeting of SCSA held (online) on 28.01.2022 with the condition that the decision taken in 62nd meeting of SCSA vide item no. SCSA 62.01 will be reviewed under item S 46.11 of the 46th Senate meeting and the outcome thereof will be the final decision. (ii)The Senate ratified the approval of the Chairman, Senate for change in the mid semester break for even semester of AY 2021-22. (iii)The Senate ratified the approval of the Chairman, Senate.	Action was taken. SCSA decision was reviewed under item S 46.11. Accordingly, a notification no. Acad./2022/548 dt. 13.4.2022 has been issued and is placed on page no. _17_ .
S 46.04	To consider grant of mercy chance to the students to re-appear in the mid and/or end semester examinations of B.Tech., M.Tech., MBA and MCA after the expiry of maximum duration of the course as a one-time measure invoking the Diamond Jubilee Celebration.	The Senate agreed in principle and approved the proposal to grant the mercy chance during the Diamond Jubilee Celebrations Year i.e. academic year 2022-23 to the students concerned as a one time measure. The Senate, in this regard, constituted a Committee of the following: 1. Prof. S.M. Gupta, Dean (IIR) Chairman 2. Prof. Dixit Garg, Dean (SW) Member	Committee was informed by letter no. Acad./2022/555 dt 13.4.2022. The report of the Committee is awaited. Letter is attached on page _18_ .

		3. Prof. Lillie Dewan, Prof. Elect. Engg. Member 4. Prof. Vikas Chaudhary, HoD, Member Humanities & SS 5. One Alumnus to be nominated by Member the President, NITKAA The Committee will : (i) draft the modalities/guidelines for grant of mercy chance as to how many courses to be allowed, fees to be charged, number of mercy chances to be given, and conduct of remedial classes before the mercy exam. etc. (ii) suggest the measures to be taken in future to ensure that the students are able to graduate within the stipulated duration of the degree. (iii) any other issue as deemed appropriate. The above Committee will submit the report within one month.	
S 46.05	To consider the proposal for instituting Dr. Amitabh Sharma Scholarship for the MBA (final year) girl student from economically weaker section effective from academic session 2022-23.	The Senate considered and approved the proposal for instituting Dr. Amitabh Sharma Scholarship for the MBA (Final year) girl student from economically weaker section. This scholarship will be effective from the academic session 2022-23. Under this scholarship, an amount of Rs. 25,000/- and a certificate will be awarded to MBA final year girl student from economically weaker section, based on her MBA (previous) result subject to the fulfilment of academic and other criteria. For formulating the guidelines and implementation of this scholarship, a Committee will be constituted by the Chairman, Senate	Action has been taken. A following Committee was constituted by the Chairman, Senate: 1.Dean (Acad.) Chairman 2.HoD, BA Member 3.President, Alumni or his nominee Member 4.Dr. Amitabh Sharma or his nominee Member The Committee has formulated the guidelines which are enclosed from page __19__ to __21__
S 46.06	To consider and decide the following proposals from Department of Business Administration: (i)To increase 7 nos. seats in the existing intake of MBA programme (ii)Introduction of new course on 'Research and Publication Ethics' for all Ph.D. research scholars in line with the regulations of UGC and the syllabus provided for thereby.	(i)After detailed deliberations, the senate agreed upon the proposal to increase 7 nos. seats in the existing intake of MBA programme with two times of existing tuition fees. However, the regular employees of Defense Sector Undertakings/ Public Sector Undertakings/Autonomous Bodies (Central & State Government)/Private Industry incorporated in the Indian Companies Act of 1956, with two years' experience are eligible to apply for MBA programme.	Action was taken. The BoG of the Institute in its 57th meeting held on 30.3.2022 vide agenda item no. BoG 57.24 considered and approved the minutes of Senate

		(ii)After detailed discussions, the Senate agreed upon the proposal of introduction of new course on 'Research and Publication Ethics' of 2 credits for all Ph.D. research scholars in line with the regulations of UGC. The Senate confirmed the minutes of this item in the meeting itself and recommended the decision to the Board of Governors for approval.	agenda item no. S 46.06 and it was informed to HoD, BA vide letter no. Acad./2022/584 dt. 19.4.2022. The letter is attached on page _22_.
S 46.07	To consider the change of name of the Departments of Physics, Chemistry, and Mathematics.	After detailed deliberations, the HoDs of the respective departments informed the Senate that the syllabi of the courses being offered by the departments are being designed suiting to the needs of the individual discipline of engineering. In view of the above, the agenda item was withdrawn.	Action has been taken. In this regard, a letter no. Acad./2022/556 dated 13.4.2022 has been issued to concerned departments. The letter is attached on page _23_.
S 46.08	To consider the proposal for establishment of "School for Innovation Technologies (A Multidisciplinary Approach)" for starting following four new B.Tech. courses (under self finance mode) (i) IIOT (Industrial Internet of Things) (ii) Robotics and Automation (iii) AI and Data Science (iv) AI and Machine Learning	The Senate considered the proposal and after detailed deliberations, as per Clause 8 (xiii) of the first Statutes of NITs, the Senate recommended to the Board for creation of "School of Innovation Technology (A Multidisciplinary Approach)" and starting of following new B.Tech. programmes from the academic session 2022-23 under self-finance mode with an intake of 120 in each course and tuition fee to be charged will be double of the normal tuition fee of existing B.Tech. programmes of the Institute.: Sr. No. Name of Programme 1 IIOT (Industrial Internet of Things) 2 Robotics and Automation 3 AI and Data Science 4 AI and Machine Learning The Senate also approved the mentor departments for above courses as under: Sr. No. Name of Programme Mentor Department 1 IIOT (Industrial Internet of Things Electronics & Comm. Engg. 2 Robotics and Automatio Mechanical Engg. 3 AI and Data Science Computer Application 4 AI and Machine Learning Electrical Engg. The minutes of Senate item no. S 46.08 are confirmed in the meeting itself, keeping in view the time bound and	Action has been taken. The agenda was sent to BoG in 57th meeting held on 30th March 2022. BoG in decided that the minutes of the Senate agenda item no. S 46.08 be placed in the next meeting of the Board with more details. Minutes of the BoG and letter are enclosed from page _24_ to _25_.

		urgent nature of this item for being placed before the Board of Governors in its meeting to be held on 30th March, 2022 for approval.	
S 46.09	To consider the proposal for constituting a Committee for B.Tech. curriculum revision in line with NEP-2020.	After detailed discussions, the Senate authorized the Chairman, Senate to constitute a Committee for B.Tech. curriculum revision in line with NEP-2020.	The following Committee has been constituted by the Chairman, Senate: 1.Prof. Brahamjit Singh, Dean (P&D) Chairman 2.Prof. Sathans, Dean (Acad.) 3.Prof. Mahesh Pal, Dean (R&C) 4.Prof. R.P. Chauhan, Prof. Physics 5.Prof. J.K. Chhabra, HoD, Computer Engg. 6.Prof. P.C. Tiwari, HoD, Mech. Engg. 7.Dr. A.S.V. Ravi Kanth, Prof. I/C (Acad.) 8.Two External Experts 9.Two alumni of the Institute 10.Two pre-final year students (Spl. Invitee) Committee members were informed vide letter no. Acad./2022/883 dt. 9.6.2022. The letter is attached on page __26__.
S 46.10	To note the admission status of all UG and PG programmes.	The Senate noted the admission status of all UG and PG programmes.	No further action is required.

S 46.11	To review the decision of SCSA meeting held on 28.1.2022 vide item no. SCSA 62.01 regarding modalities of end semester examinations of even semester of AY 2021-22.	The Senate reviewed the decision of SCSA and decided that the end semester exams. of even semester of AY 2021-22 will be conducted in offline mode except for B.Tech. 2nd semester and MCA 2nd semester for which the decision will be taken by the Chairman, Senate later.	Action has been taken. A notification no. Acad./ 2022/548 dt. 13.4.2022 has been issued in this regard and attached on page _27_.
S 46.12	To discuss the proposal of Computer Engineering Department regarding suspension of admission to M.Tech. Computer Engineering (Cyber Security) w.e.f. AY 2022-23.	The Senate did not agree upon the proposal of Computer Engg. Deptt. regarding suspension of admission to M.Tech. Computer Engg. (Cyber Security). However, the Chairman, Senate assured to address the issue of shortage of faculty/infrastructure etc.	In this regard, a letter no. Acad./2022/554 dated 13.4.2022 has been sent to HoD, Computer Engg. Deptt. which is attached on page _28_
S 46.13	To ratify the approval of Chairman, Senate for conduct of online/blended classes for some students of Afghanistan.	The Senate ratified the approval of Chairman, Senate. The classes will be conducted in online/blended mode for these students. Their attendance in this semester for all the courses will be marked accordingly. Their test and exams. in this semester will also be conducted in online mode. The period from 7.3.2022 (date of commencing the classes in offline mode) until the arrangements are made for online classes for these students by the respective departments, will be treated as dead period towards their attendance.	Action was taken. A notification has been issued vide letter no. Acad./2022/392 dated 15.3.2022 which is attached on page _29_.
S 46.14	To consider and decide the proposal for Best Project Award and Best All Rounder Award for B.Tech. final year students.	The Senate considered the proposal and decided that the Best Project Award and Best All Rounder Award will not be given for Academic Years 2019-20, 2020-21 and 2021-22 because the students remained physically absent from the Institute due to prevailing conditions of COVID-19 and their performance could not be assessed.	Action has been taken. In this regard, a letter no. Acad./2022/551 dated 13.4.2022 has been issued. The latter is attached on page _30_.
S 46.15	To consider the request of some students for conduct of online classes for them in even semester of Academic Year 2021-22 due to their critical health issues.	The Senate considered and agreed upon the request of some students for conduct of online classes for them in even semester of Academic Year 2021-22 due to their critical health issues. The classes will be conducted in online/blended mode for these students. Their attendance in this semester for all the courses will be marked accordingly. Their test and exams. in this semester will also be conducted in online mode. Their period of absence due to critical health issues from 07.03.2022 until the arrangements are made for online / blended classes by the	Action has been taken. A notifications no. Acad./2022/553 dated 13.4.2022 & Acad./2022/585 dt. 19.4.2022 has been issued. Notifications are enclosed from page _31_ to _32_

| | | respective Departments / Schools, will be treated as dead period towards their attendance. The medical certificate / condition of all such students will be examined case by case by the SMO / MO of the Institute Health center and if found in order, then only, these students will be extended the above relaxation by the respective HoDs/School Coordinators. | |

The Senate may note the action taken report.

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

No. Acad./2022/5⁴⁄8

Dated: 13.4.2022

NOTIFICATION

The Senate in its 46th meeting held on 28.3.2022 vide item no. S 46.11 reviewed the decision of 62nd SCSA meeting under item no. SCSA 62.01 and decided that the end semester examinations of end semester exams. of even semester of AY 2021-22 will be conducted in offline mode except for B.Tech. 2nd semester and MCA 2nd semester for which the decision will be taken by the Chairman, Senate later.

In view of above, it is notified for all the concerned that the end semester examinations for all UG and PG programmes (regular as well as reappear examinees), except for B.Tech. 2nd semester and MCA 2nd semester, will be conducted in offline mode as per the practice followed during pre-COVID period.

The above notification is issued for information and further necessary action to all the concerned.

Dy. Registrar (Acad.)

Copy to:

1. All Deans
2. All HoDs/School Coordinators/Section Heads
3. Chief Wardens (Boys & Girls)
4. Prof. I/C (CCN) with a request to upload it on the Institute website.
5. Prof. I/C (Exam.)
6. Prof. I/C (Accounts)
7. Prof. I/C (Estate & Construction)
8. Prof. I/C (Stores)
9. SMO, Health Centre
10. Security Officer
11. Sr. Secretary to Registrar
12. AR to Director for kind information of the Director.

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

No. Acad./2022/ 555   Dated: 13.4.2022

The Senate in its 46th meeting held on 28.3.2022 vide item no. S 46.04 approved the proposal to grant the mercy chance during the Diamond Jubilee Celebrations Year i.e. academic year 2022-23 to the students concerned as a one time measure.

The Senate, in this regard, constituted a Committee of the following:

1.	Prof. S.M. Gupta, Dean (IIR)	Chairman
2.	Prof. Dixit Garg, Dean (SW)	Member
3.	Prof. Lillie Dewan, Prof. Elect. Engg. Deptt.	Member
4.	Prof. Vikas Chaudhary, HoD, Humanities & SS	Member
5.	One Alumnus to be nominated by the President, NITKAA	Member

The Committee will :

(i)   draft the modalities/guidelines for grant of mercy chance as to how many courses to be allowed, fees to be charged, number of mercy chances to be given, and conduct of remedial classes before the mercy exam. etc.

(ii) suggest the measures to be taken in future to ensure that the students are able to graduate within the stipulated duration of the degree.

(iii) any other issue as deemed appropriate.

The above Committee will submit the report within one month.

Dean (Academic)

To

All above concerned

Copy to:

1. AR to Director for kind information of the Director
2. Registrar Incharge

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NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

Minutes of the meeting held on 14.6.2022 in the office of the President, NIT Kurukshetra Alumni Association (NITKAA)

A meeting of the Committee constituted for formulating the guidelines and implementation of "Dr. Amitabh Sharma Scholarship" was held on 14.6.2022 at 11.00 a.m. in the office of President, NITKAA. The following attended the meeting:

1. Prof. Sathans, Dean (Academic)
2. Prof. Rajinder Deswal, HoD, BA Deptt.
3. Prof. Pankaj Chandna, President, NITKAA

In the meeting, the guidelines for "Dr. Amitabh Sharma Scholarship" were framed and eligibility criteria was fixed (copy enclosed). Application format for students was also finalized. The scholarship will be effective and realized from the academic session 2022-23.

The meeting ended with a vote of thanks.

(Pankaj Chandna)   14|6|22   (Rajinder Deswal)   (Sathans)

Copy to:

   All concerned

DR. AMITABH SHARMA SCHOLARSHIP

"Dr. Amitabh Sharma Scholarship" has been established in the name of Dr. Amitabh Sharma, one of distinguished alumnus of the Department of Business Administration, National Institute of Technology Kurukshetra. The scholarship will carry a cash of Rs 25,000 and a certificate, which will be awarded to MBA Final year girl student from economic weaker section based on her MBA (Previous) result subject to the fulfillment of academic and other criteria and procedure stipulated below:

Eligibility Criteria

I.   Only those girl students of MBA Final year will be eligible who are not getting any other scholarship/financial support/full tuition fee waiver from the available schemes of the'Govt./ Institute/other outside agencies.

II.   The Guardians/ Parents/ Financial Supporters of the claimant should belong to the economic weaker section as per the norms defined by Government of India for that financial year.

III. The student should have good academic credentials in MBA (Previous) for admission to the scholarship. She will be eligible for the scholarship provided all her MBA-I year papers (both Theory & Practical) are clear without any backlog and with minimum 7.0 CGPA.

Application Protocol

I.   Applicants are required to apply for the scholarship on Application Form at <u>Annexure - **A.**</u>

II.   The applicants will be required to submit an Annual Income Certificate issued by revenue officer not below the rank of Tehsildar. It should include income from all sources in support of financial status of Guardians/ Parents/ Financial Supporters as indicated in the application. The income certificate must have been issued on or after 1st April of current financial year.

APPLICATION FOR "DR. AMITABH SHARMA SCHOLARSHIP"
(for MBA (final year) girl student of NIT Kurukshetra from EWS}

Sr. No.	Particulars	Details
1.	Name & Roll No. of student	
2.	Year	
3.	Date of Birth	
4.	Name of the Parent/Guardian	
	Occupation	
	Annual income* of the Parent/ Guardian from all sources	
5.	CGPA (Attach Proof)	
6.	Permanent Address	
7.	Mobile no. of the Parent/Guardian	
	Mobile no. of student	
8.	Bank account no. of student	
	Name of Bank	
	Address of Bank Branch	
	IFS Code of Bank	
Note:	A student who is in receipt of any other scholarship/financial support/full tuition fee waiver from the available schemes of Govt./Institute/other outside agencies will not be eligible for this scholarship.	

*As proof, attach Annual Income Certificate issued by revenue officer not below the rank of Tehsildar issued on or after 1st April of current financial year.

Declaration by student:
I solemnly declare that all the above information provided by me is correct and that in case of any discrepancy found therein subsequently at any stage, my scholarship shall stand cancelled.

Date: Signature of Applicant
Place:

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

No. Acad./2022/*584*   Dated: 19.4.2022

This is in continuation to this office letter no. Acad./2022/550 dated 13.4.2022 regarding the decision of the Senate in its 46th meeting held on 28.3.2022 vide item no. S 46.06 for the proposals from Deptt. of Business Administration. The Senate recommended the decision to the Board of Governors for approval.

The Board of Governors of the Institute in its 57th meeting held on 30.3.2022 vide agenda item no. BoG 57.24 considered and approved minutes of the Senate agenda item no. S 46.06.

This is for your kind information and further necessary action.

Dean (Academic)

HoD, BA

Copy to:

1. AR to Director for kind information of the Director
2. Registrar Incharge

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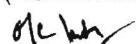
NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

No. Acad./2022/556   Dated: 13.4.2022

In the 46th Senate meeting held on 28.3.2022, the agenda item no. S 46.07 was withdrawn. The HoDs of Physics, Chemistry and Mathematics as departments informed the Senate that the syllabi of the courses being offered by the departments are being designed suiting to the needs of the individual discipline of engineering.

This is for your kind information and further necessary action.

Dean (Academic) 13/4/22

HoD, Physics, Chemistry & Mathematics

Copy to:

1. AR to Director for kind information of the Director
2. Registrar Incharge

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NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA – 136119

No. NITK / 57ᵗʰ BOG / 1226   Dated: 13.04.2022

The Board of Governors of the Institute at its 57ᵗʰ meeting held on 30.03.2022 has decided under:

BoG 57.24 **To consider and approve the minutes of 46th meeting of the Senate, National Institute of Technology, Kurukshetra held on 28.03.2022.**

"The Board considered and approved minutes of the agenda items no. S 46.06 of 46th meeting of the Senate.

Further, the Board decided that the minutes of the agenda item no. S 46.08 of 46th meeting of the Senate, National Institute of Technology, Kurukshetra held on 28.03.2022 be placed in the next meeting of the Board with more details".

This is for your reference, record and further necessary action in the matter.

Encl: Agenda Item

Registrar (I/C)

Dean (Academic)

Copy to: Joint Registrar (GA & L)

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NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

No. Acad./2022/583   Dated: 19.4.2022

A following Committee was constituted vide notification no. Gen-1/3962/981 dated 23.3.2022 to coordinate for establishment of School of Innovation Technology with four different interdisciplinary UG courses under self-financing mode in the Institute:

1. Dr. Brahamjit Singh, Dean (P&D)   Chairman
2. Dr. Sathans, Dean (Acad.)   Member
3. Registrar Incharge   Member

The matter was taken up as agenda item no. S 46.08 in 46th meeting of Senate held on 28.3.2022. The Senate recommended its decision to Board of Governors for approval. Further, The Board of Governors of the Institute in its 57th meeting held on 30.3.2022 vide agenda item no. BoG 57.24 decided that the minutes of the agenda item no. S 46.08 be placed in the next meeting of the Board with more details.

In view of above, it is requested to provide the details to the office of Dean (Acad.) to be placed before the Board in its next meeting.

Dean (Academic)

To

All above concerned

Copy to:

1. AR to Director for kind information of the Director
2. Registrar Incharge

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NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

No. Acad./2022/ 883   Dated: 9.6.2022

As per Senate' decision in its 46th meeting held on 28.3.2022 vide item no. S 46.09, the following Committee has been constituted by the Chairman, Senate for B.Tech. curriculum revision in line with National Education Policy 2020 (NEP-2020):

1.	Prof. Brahamjit Singh, Dean (P&D)	Chairman
2.	Prof. Sathans, Dean (Acad.)	Member
3.	Prof. Mahesh Pal, Dean (R&C)	Member
4.	Prof. R.P. Chauhan, Prof. Physics	Member
5.	Prof. J.K. Chhabra, HoD, Computer Engg.	Member
6.	Prof. P.C. Tiwari, HoD, Mech. Engg.	Member
7.	Dr. A.S.V. Ravi Kanth, Prof. I/C (Acad.)	Member
8.	**Two External Experts**	Member

(i)	Dr. Brijendra Singh Professor Deptt. of Computer Science University of Lucknow, Lucknow	(ii) Prof. Jagadeesh Kumar V Former Professor Deptt. of Elect. Engg. IIT Madras
	Prof. P.V.M. Rao Professor, Deptt. of Design Dean, Alumni Relations IIT Delhi	Special Invitee

9.	**Two alumni of the Institute**	Member
(i)	Mr. Tarun Dua CEO, E2E Networks Ltd. A-24/9, Mohan Co-operative Industrial Estate, Mathura Road, Delhi	(ii) Mr. Deepak Katyal General Manager Maruti Suzuki India Ltd. Palam Gurgaon Road Gurgaon

10.	Two Pre-final year students	Special Invitees
(i)	Mr. Mehul Kumar Computer Engg. Deptt. Roll No. 11912003	(ii) Mr. Nakshatra Agnihotri Civil Engg. Deptt. Roll No. 11911097

This is for your kind information please.

Dean (Academic)

To
    All above concerned

Copy to:
1. AR to Director for kind information of the Director.
2. Registrar Incharge

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

No. Acad./2022/548

Dated: 13.4.2022

NOTIFICATION

The Senate in its 46th meeting held on 28.3.2022 vide item no. S 46.11 reviewed the decision of 62nd SCSA meeting under item no. SCSA 62.01 and decided that the end semester examinations of end semester exams. of even semester of AY 2021-22 will be conducted in offline mode except for B.Tech. 2nd semester and MCA 2nd semester for which the decision will be taken by the Chairman, Senate later.

In view of above, it is notified for all the concerned that the end semester examinations for all UG and PG programmes (regular as well as reappear examinees), except for B.Tech. 2nd semester and MCA 2nd semester, will be conducted in offline mode as per the practice followed during pre-COVID period.

The above notification is issued for information and further necessary action to all the concerned.

Dy. Registrar (Acad.)

Copy to:

1. All Deans
2. All HoDs/School Coordinators/Section Heads
3. Chief Wardens (Boys & Girls)
4. Prof. I/C (CCN) with a request to upload it on the Institute website.
5. Prof. I/C (Exam.)
6. Prof. I/C (Accounts)
7. Prof. I/C (Estate & Construction)
8. Prof. I/C (Stores)
9. SMO, Health Centre
10. Security Officer
11. Sr. Secretary to Registrar
12. AR to Director for kind information of the Director.

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

No. Acad./2022/ 554   Dated: 13.4.2022

The Senate in its 46th meeting held on 28.3.2022 vide item no. S 46.12 did not agree upon the proposal regarding suspension of admission to M.Tech. Computer Engineering (Cyber Security) w.e.f. AY 2022-23.

This is for your kind information and further necessary action.

Dean (Academic)

HoD, Computer Engg.

Copy to:
1. AR to Director for kind information of the Director
2. Registrar Incharge

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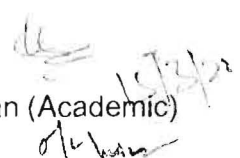
NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

No. Acad./2022/39̃2   Dated: 15.3.2022

The concerned HoDs are requested to make arrangements for online/blended classes in the ongoing semester for the **Afghan students,** pursuing their B.Tech. in the Institute, who are unable to come to India to join the offline classes in the Institute due to the uncertainty prevailing in Afghanistan. Their attendance may be marked accordingly. Further, study materials may be provided to these students in online mode. Their test and exams. in this semester will be conducted in online mode. It is also requested that the period from 7.3.2022 until the arrangements are made for online classes for these students, may please be treated as dead period towards their attendance. The students concerned may also please be informed accordingly.

This issues with the kind approval of the Competent Authority.

Dean (Academic)

All HoDs

Copy to:

1. AR to Director for kind information of the Hon'ble Director
2. Prof. I/C (Exam.)
3. Chief Warden (Boys & Girls)
4. Prof. I/C (CCN) with a kind request to upload the same on the Institute website.
5. AR (Accounts)
6. Notice Board of Institute and all Hostels
7. Sr. Secretary to Registrar for kind information of the Registrar
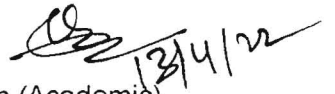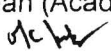
NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

No. Acad./2022/ 55   Dated: 13.4.2022

The Senate in its 46th meeting held on 28.3.2022 vide item no. S 46.14 decided that the Best Project Award and Best All Rounder Award will not be given for Academic Years 2019-20, 2020-21 and 2021-22 because the students remained physically absent from the Institute due to prevailing conditions of COVID-19 and their performance could not be assessed.

This is for kind information of all.

Dean (Academic)

1. Dean (SW)
2. HoDs of Engg. Deptts.

Copy to:
   1. AR to Director for kind information of the Director
   2. Chief Wardens (Boys & Girls)
   3. Prof. I/C (CCN) with a request to upload it on the Institute website.
   4. Prof. I/C (Exam.)
   5. Prof. I/C (Accounts)
   6. Prof. I/C (Stores)
   7. Security Officer
   8. Registrar Incharge

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NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

No. Acad./2022/553   Dated: 13.4.2022

As per Senate decision in its 46th meeting held on 28.3.2022 vide item no. S 46.15, all HoDs/School Coordinators are requested to make arrangements for online classes in even semester of AY 2021-22 for such students who are unable to attend their classes due to their critical health issues. Study materials will be provided to these students in online mode. Their attendance in this semester for all the courses will be marked accordingly. Their test and exams. in this semester will also be conducted in online mode. It is also requested that their period of absence due to critical health issues from 07.03.2022 until the arrangements are made for online/ blended classes by the respective Departments / Schools, will be treated as dead period towards their attendance. The medical certificate / condition of all such students will be examined case by case by the SMO / MO of the Institute Health center and if found in order, then only, these students will be extended the above relaxation by the respective HoDs/School Coordinators.

Dean (Academic)

All HoDs/School Coordinators

Copy to:
1. AR to Director for kind information of the Director.
2. Chief Wardens (Boys & Girls)
3. Prof. I/C (CCN) with a request to upload it on the Institute website.
4. Prof. I/C (Exam.)
5. Prof. I/C (Accounts)
6. Prof. I/C (Estate & Construction)
7. Prof. I/C (Stores)
8. SMO, Health Centre
9. Security Officer
10. Registrar Incharge
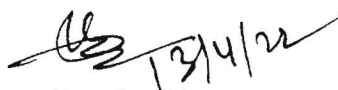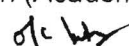
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NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

No. Acad./2022/585   Dated: 19.4.2022

NOTICE

The Senate in its 46th meeting held on 28.3.2022 vide item no. S 46.15 considered and agreed upon the request of some students for conduct of online classes for them in even semester of Academic Year 2021-22 due to their critical health issues. The decision of the Senate was notified vide no. Acad./2022/553 dated 13.4.2022 (copy attached).

The students of UG and PG programmes suffering from critical health issues are requested to submit their applications in the office of Dean (Acad.) latest by 5.00 p.m., 23.4.2022; failing which arrangements for online classes and online evaluation will not be made by the respective HoDs/School Coordinators. Their applications must be supported by the recommendations of the SMO/MO of the Institute Health Centre in order to recommend their names to the respective HoDs/School Coordinators. The list of eligible students for online classes and online evaluation in the ongoing even semester of AY 2021-22 will be sent to the respective HoDs/School Coordinators on 25.4.2022.

Dy. Registrar (Academic)
19/04/22

Copy to:
1. AR to Director for kind information of the Director
2. All HoDs/School Coordinators
3. SMO, Health Centre
4. Prof. I/C (CCN) with a request to get it to be uploaded on Institute website.

S 47.03   **To ratify the approval of the Chairman, Senate for the following:**

- **(i)** **Consent for participation in the Nepal Scholarship Scheme sponsored by the Ministry of External Affairs (MEA), Govt. of India for academic year 2022-23.**
- **(ii)** **Mode of conduct of mid and end semester exams for B.Tech. 2nd semester and end semester exam. for MCA 2nd semester of Academic Year 2021-22 (even semester).**
- **(iii)** **Change in normalization procedure for candidates of CMAT-2022 regarding admission to MBA programme for Academic Year 2022-23.**
- **(iv)** **Permission to the COVID 19 positive students to appear in end semester examinations for even semester of AY 2021-22 in online mode**
- **(v)** **Extension of date of submission of M.Tech. dissertation for the Academic Year 2021-22.**
- **(vi)** **Academic Calendars for Odd and Even Semester of Academic Year 2022-23.**

- **(i)** **Consent for participation in the Nepal Scholarship Scheme sponsored by the Ministry of External Affairs (MEA), Govt. of India for academic year 2022-23.**

The Institute received an email from EdCIL India Ltd., a Central Public Sector Enterprise under MoE, Govt. of India on 29.3.2022 regarding consent for participation in the Nepal Scholarship Scheme sponsored by the Ministry of External Affairs (MEA), Govt. of India for academic year 2022-23.

The Institute was required to send consent for participation in the above Scholarship Scheme by 31.3.2022. The seat matrix was also required to be submitted in the prescribed performa in excel sheet by the last date. There was scope of creation of supernumerary seats in UG and PG programmes as per supernumerary seats' quota. The Chairman, Senate approved the seat matrix under Nepal Scholarship Scheme of MEA from academic year 2022-23.

The approval of the Chairman, Senate is enclosed as Annexure 47.03 (i) from pages _39_ to _40_ .

The Senate may ratify the approval and recommend to the Board for consideration and approval of supernumerary seats under Nepal Scholarship Scheme for Academic Year 2022-23 onwards.

(ii) **Mode of conduct of mid and end semester exams for B.Tech. 2nd semester and end semester exam. for MCA 2nd semester of Academic Year 2021-22 (even semester).**

The Senate in its 46th meeting held on 28.3.2022 vide item no. S 46.11 reviewed the decision of 62nd meeting of SCSA and decided that the end semester exams. of even semester of AY 2021-22 will be conducted in offline mode except for B.Tech. 2nd semester and MCA 2nd semester for which the decision will be taken by the Chairman, Senate later.

It was decided in the meeting of Deans and other concerned officials with the Hon'ble Director on 4.4.2022 that the classes for B.Tech. 1st year will be started in offline mode from 26.4.2022. It was also decided that the teaching learning for MCA 1st year will continue to be in online mode in the ongoing semester.

In view of above, the Chairman Senate approved the following:

(i) mid semester exam. and end semester exam. for B.Tech. 2nd semester will be conducted in offline mode.

(ii) end semester exam. for MCA 2nd semester may be conducted in online mode as they have not been allowed for offline classes in the current semester.

The approval of the Chairman, Senate is enclosed as Annexure 47.03 (ii) from pages _41_ to _42_ .

The Senate may ratify the approval of the Chairman, Senate.

(iii) **Change in normalization procedure for candidates of CMAT-2022 regarding admission to MBA programme for Academic Year 2022-23.**

The Department of Business Administration vide letter no. DBA/2022/299 dated 24.5.2022 sent the recommendations of the Admission Committee regarding change in normalization procedure for candidates of CMAT-2022.

The CMAT is one of the national level tests considered for admission in MBA programme of the Institute. The CMAT hosting agency stopped publishing of percentile in the score card from 2022. Previously, the CMAT were publishing the percentile of the candidate in the CMAT score card. The CMAT published rank obtained by the candidate instead of percentile in CMAT-2022 score card.

In view of above, on recommendations of Admission Committee of MBA admission during academic year 2022-23, the Chairman, Senate approved below mentioned normalization formula for the candidates having All India Rank instead of percentile in their score card of CMAT-2022.

$$Percentile = \frac{No.\ of\ candidates\ appeared\ for\ the\ session - All\ India\ Rank\ obtained\ by\ the\ candidate}{No.\ of\ candidates\ appeared\ for\ the\ session} \times 100$$

The above formulate will be used to calculate equivalent percentile in respect of CMAT-2022 for admission in MBA programme for academic year 2022-23.

The approval of the Chairman, Senate is enclosed as Annexure 47.03 (iii) from pages _43_ to _44_.

The Senate may ratify the approval of the Chairman, Senate.

(iv) **Permission to the COVID 19 positive students to appear in end semester examinations commencing from 2nd May 2022 onwards (Practical) and 10th May 2022 onwards (Theory) for even semester of AY 2021-22 in online mode**

Some students of the Institute had been diagnosed as COVID-19 positive. These students had to self-quarantine themselves and follow the COVID-19 appropriate behavior for the days as advised by the Medical Officer. It was difficult for such students to appear in exam. in offline mode. Keeping in consideration their health and the safety of other students and invigilators, as also advised by the Medical Officer of NIT Health Centre in such cases, the Chairman, Senate granted the permission to the COVID 19 positive students to appear in end semester examinations commencing from 2nd May 2022 onwards (Practical) and 10th May 2022 onwards (Theory) for even semester of AY 2021-22 in online mode.

The approval of the Chairman, Senate and the notification issued are enclosed as Annexure S47.03 (iv) from pages **45** to **46**.

The Senate may ratify the approval of the Chairman, Senate.

(v) **Extension of date of submission of M.Tech. dissertation for the Academic Year 2021-22.**

M.Tech. students of 2020 batch had requested to the office of Director/Dean (Academic) to extend the last date of M.Tech. thesis/Dissertation submission beyond 30th June 2022 due to late start of classes in offline mode. The students got less time to work on their thesis/dissertation work involving physical work or lab work and paper publishing.

In view of above, the Chairman, Senate accorded permission for extension of last date for submission of M.Tech. thesis/dissertation upto 27th July 2022 with a late fee of Rs. 1500/- (Rupees fifteen hundred), However, such students will not be considered for the award of medals and certificates. Those who submit their

thesis/dissertation beyond this date, have to pay full semester fee for next semester i.e. odd semester of AY 2022-23. No further request for extension beyond 27th July 2022 will be considered. Further, the M.Tech. students, who are already in receipt of scholarship, will be entitled for scholarship upto 30.6.2022 or the date of submission of thesis whichever is earlier. The approval of the Chairman, Senate and notification issued in this regard are attached as Annexure S 47.03 (v) from pages _47_ to __48__ .

The Senate may ratify the approval of the Chairman, Senate.

(vi) **Academic Calendars for Odd and Even Semester of Academic Year 2022-23.**

The registration and commencement of classes for odd semester of Academic Year 2022-23 were scheduled from 18.7.2022 and 28.7.2022 respectively as per Academic Calendar of even semester of AY 2021-22. The examination for 2nd semester of B.Tech. programme will be concluded on 27.7.2022. Further, on request of the students, it was agreed upon in a meeting of the Director, Dean (SW), and Prof. I/C (Acad.) held with the students of B.Tech. 2nd semester that the students will be provided one/two weeks break after end semester examination and their classes for 3rd semester will commence from 1st/2nd week of August 2022.

Further, the counselling process of M.Tech. and MCA programme is going on and it will complete in 1st or 2nd week of August, 2022. Therefore, it is proposed that the classes of M.Tech. 1st semester and MCA 1st semester may commence in offline mode from the next working day of last date of Participating Institute (PI) reporting after Special/Spot rounds as per the schedule of CCMT-2022 & NIMCET-2022, respectively.

In the light of the above, to streamline the academic activities in Odd semester of AY 2022-23, it is proposed to re-schedule dates of registration and commencement of classes to 29.7.2022 and 8.8.2022, respectively. Accordingly, the Academic Calendars for all UG & PG programmes (except B.Tech. 1st year for Academic Year 2022-23) were prepared. The Academic Calendar for 1st year students of B. Tech. will be notified later in accordance with counselling schedule of JoSAA/CSAB-2022.

Many students were enquiring about the dates of start of next semester so that they may schedule their travel plan and book the tickets accordingly well in time. Realizing the difficulties of students, the Chairman, Senate has approved the Academic Calendars for Odd and Even Semester of Academic Year 2022-23.

The approval of the Chairman, Senate and Academic Calendars for Odd and Even Semester of Academic Year 2022-23 are attached as Annexure S 47.03 (vi) from pages __49__ to __52__.

The Senate may ratify the approval of the Chairman, Senate.

It is also proposed that the Chairman Senate may be authorized to approve the Academic Calendar for first year of B.Tech. for AY 2022-23.

Subject: Creation of supernumerary seats under Nepal Scholarship Scheme of Ministry of External Affairs from Academic Year 2022-23 onwards.

The institute received an e-mail from EdCIL India Ltd. (implementing partner), a Central Public Sector Enterprises (CPSE)) under Ministry of Education (MOE), Govt. of India on 29.03.2022 on the e-mail ID of the Director and Dean (P&D) regarding consent for participation in the Nepal Scholarship Scheme sponsored by the Ministry of External Affairs (MEA), Govt. of India for Academic Year 2022-23.The above mail is forwarded to the Dean(Academic) for further action.

The Institute is required to send consent for participation in the above scholarship scheme for Academic Year 2022-23 by 31.03.2022 through e-mail. The seat matrix of Compex (UG Courses) and Non-Compex (UG & PG Courses) is also required to be submitted in the prescribed performa in excel seat by the last date.

The Institute offers admissions in UG and PG programs under supernumerary quota in various categories i.e. DASA, MEA, SII, and ICCR. The supernumerary quota seat can be upto maximum 15% of regular intake. The Institute can create 174 supernumerary seats for B.Tech. programs, 78 supernumerary seats for M.Tech. programs, 8 supernumerary seats for MBA program, 10 seats for MCA program against the regular intake of these programs. The details of allotment of supernumerary seats in UG and PG programs is enclosed as Annexure A and B. There is still scope of creation of supernumerary seats in UG and PG programs.

It is proposed to create one supernumerary seat for each UG and few PG programs as below under Nepal Scholarship Scheme of MEA from Academic Year 2022-23 onwards. The newly created pool of seats may be named as MEA (NSS)

Sr. No.	Name of Academic Program	No. of Seats
UG Programs		
1.	B.Tech. (Civil Engg.)	1
2	B.Tech. (Electrical Engg.)	1
3.	B.Tech. (Electronics & Communication Engg.)	1
4	B.Tech. (Mechanical Engg.)	1
5	B.Tech. (Production & Industrial Engg.)	1
6	B.Tech. (Computer Engg.)	1
7	B.Tech. (Information Technology)	1
	Total UG Programs	7
PG Programs		
1	M.Tech (Environmental Engg.)	1
2	M.Tech. (Computer Engg.)	1
3	M.Tech. (Control System)	1
4	M.Tech. (Electronics & Communication Engg.)	1
5	M.Tech. (Thermal Engg.)	1
6	MBA	1
7	MCA	1
	Total PG Programs	7
	Grand Total	14

The eligibility criteria for admission in UG and PG programs will be same as for DASA category of students

It is proposed that the fee structure of students admitted under MEA (NSS) quota will be same as for the students admitted under DASA/SII quota. The fee structure for MEA (NSS) quota is given as below:

Program (Nepal Scholarship Scheme)	Tuition Fee SAARC Country (Nepal)	Other charges of the Institute per semester	Approx. mess charges including electricity per semester
B.Tech.	2000$	500$	500$
M.Tech.	1000$	500$	500$
MBA	1000$	500$	500$
MCA	1000$	500$	500$

The tuition fee and other charges are subject to revision as per MOE / Institute guidelines. The Institute and mess charges have been calculated on the prevailing current dollar rate i.e. @ Rs 75/- and these charges may vary with change in conversion rate of dollar.

The EdCIL also communicated important terms and conditions for admission under MEA (NSS) quota which are given below:

(a) Institution /tuition fees per annum (inclusive of all institution /university charges, exam fees, convocation charges) will be paid through EdCIL.

(b) All the Institution offering seats under these scholarships are requested mandatorily to display the fees on their website in the SAARC countries category. Fees chargeable per student should be the same as displayed on the website. Invoices raised by Institutes will be reimbursed tentatively within a year after the date of submission of the invoice.

(c) Non- A.C. Hostel Accommodation charges on a twin sharing basis (excluding mess charges). The mess fees will be settled / paid by the concerned student directly to the Institution.

(d) Insurance, books, any kind of uniform, gym/ swimming. Or any other activities are not part of the scholarship. It will be settled directly by the student.

(e) All claims by the Institution will be in INR. Fees confirmed in the first year during admission will be the same throughout the course duration.

The Institute will raise invoice of the tuition fee and Institute charge in Indian rupees and the date of start of class will be taken into consideration for conversion of tuition fee mentioned in the Dollar into Indian rupees

The increase of seats and fee structure for foreign students to be admitted under "Nepal Scholarship Scheme" require the approval of the Senate and the Board.

Submitted for kind consideration and approval.

Deputy Registrar (Academic)
30/03/22

Prof. I/c (Academic)

Dean(Academic)

Registrar I/c

Director

40

The Senate in its 46th meeting held on 28.3.2022 vide item no. S 46.11 reviewed the decision of 62nd meeting of SCSA and decided that the end semester exams. of even semester of AY 2021-22 will be conducted in offline mode except for B.Tech. 2nd semester and MCA 2nd semester for which the decision will be taken by the Chairman, Senate later.

It was decided in the meeting of Deans and other concerned officials with the Hon'ble Director on 4.4.2022 that the classes for B.Tech. 1st year will be started in offline mode from 26.4.2022. It was also decided that the teaching learning for MCA 1st year will continue to be in online mode in the ongoing semester.

In view of above, it is proposed that :

(i) mid semester exam. and end semester exam. for B.Tech. 2nd semester may be conducted in offline mode.

(ii) end semester exam. for MCA 2nd semester may be conducted in online mode as they have not been allowed for offline classes in the current semester.

Submitted for consideration and approval please.

Dy. Registrar (Acad.)
18/04/22

Prof. I/C (Acad.)
19.4.22

Dean (Acad.) 19/4/22

Registrar Incharge 19/04/22

Director and chairman, Senate 24/04/22

DR (Head)

Dean (Academic)

41
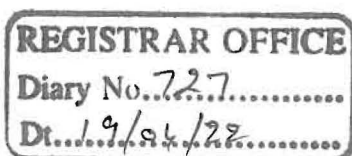
NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

No. Acad./2022/ 612   Dated: 26.4.2022

NOTIFICATION
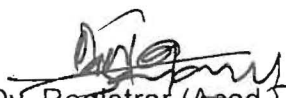
The Senate in its 46th meeting held on 28.3.2022 vide item no. S 46.11 reviewed the decision of 62nd SCSA meeting and decided that the end semester examinations of even semester of AY 2021-22 will be conducted in offline mode except for B.Tech. 2nd semester and MCA 2nd semester for which the decision will be taken by the Chairman, Senate later.

Now, the Competent Authority of the Institute, on recommendations of the office of the Dean (Acad.), approved the following in respect of B.Tech. 2nd semester and MCA 2nd semester:

    (i)   The mid semester exam. and end semester exam. for B.Tech. 2nd semester will be conducted in offline mode.

    (ii)   The end semester exam. for MCA 2nd semester will be conducted in online mode as their classes are being conducted in online mode.

All the students of B.Tech. 2nd semester and MCA 2nd semester are requested to note above decision and prepare themselves for mid semester/end semester exam. accordingly.

This notification is issued for information and further necessary action to all the concerned.

Dy. Registrar (Acad.)

Copy to:
1. All Deans
2. All HoDs/School Coordinators/Section Heads
3. Chief Wardens (Boys & Girls)
4. Prof. I/C (CCN) with a request to upload it on the Institute website.
5. Prof. I/C (Exam.)
6. Prof. I/C (Accounts)
7. Security Officer
8. Sr. Secretary to Registrar
9. AR to Director for kind information of the Director.

42

Sub: Regarding MBA Admission for A.Y. 2022-23.

The Department of Business Administration (BA) vide letter No. DBA/2022/299 dt. 24.05.2022 sent the minutes of the meeting held on 24.05.2022 of the Admission committee for MBA Admission during A.Y. 2022-23 to the office of Dean (Academic) regarding change in normalization procedure for candidates of CMAT-2022.

The CMAT is one of the national level test considered for admission in MBA programme of the institute. The CMAT hosting agency stopped publishing of percentile in the score card from 2022. Previously, the CMAT were publishing the percentile of the candidate in the CMAT score card. The CMAT published rank obtained by the candidate instead of percentile in CMAT-2022 score card.

The normalization procedure proposed by the committee is given as below:

$$\frac{\text{No. of candidates appeared for the session} - \text{All India rank obtained by the candidate}}{\text{No. of candidates appeared for the session}} \times 100$$
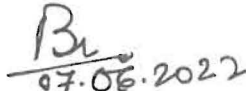
In view of the above, it is proposed that the formula recommended by the committee for normalization of CMAT-2022 rank with percentile may be approved and the same may be allowed to be displayed on the institute website for information to the concerned candidates.

Submitted for approval please.

Associate Dean (Academic)

Dean (Academic)
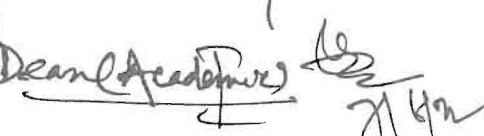
Registrar I/C.

Director
07.06.2022

Deputy Registrar (Academic)
03/06/22

REGISTRAR OFFICE
Diary No......1059......
......06.06.22

Dean (Academic)

DR (Academic)

PG-I

43
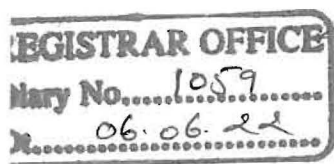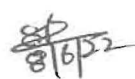
NATIONAL INSTITTE TECHNOLOGY
KURUKSHETRA-136119

No. Acad./22/ 855 ✦ Dated: 08.06.22

NOTIFICATION

It is notified for all the concerned that the competent authority in the institute on recommendation of admission committee for MBA admission during A.Y. 2022-23 approved below mentioned normalization formula for the candidates having All India Rank instead of percentile in their score card of CMAT-2022.

$$Percentile = \frac{\textit{No. of candidates appeared for the session} - \textit{All India rank obtained by the candidate}}{\textit{No. of candidates appeared for the session}} \times 100$$

The above formula will be used to calculate equivalent percentile in respect of CMAT-2022 for admission in MBA programme for A.Y. 2022-23.

Deputy Registrar (Academic)
08/06/22

Copy to:

1. AR to the Director for kind information of the Director
2. HOD, Business Administration for his information and further necessary action.
3. Prof. I/c CCN with a request to upload the notification on the institute website
4. S.S to the Registrar I/c. for kind information of the Registrar I/c.

44

Some students in the Institute have been diagnosed as COVID-19 positive (relevant documents enclosed). Further, some more such cases of COVID 19 positive may be reported in the Institute in the coming days. The end semester examinations for even semester of AY 2021-22 are commencing from 2nd May 2022 onwards (practical) and 10th May 2022 onwards (theory) in offline mode.

The COVID-19 positive students are supposed to self-quarantine themselves and follow the COVID-19 appropriate behavior for the days as advised by the Medical Officer. It is difficult for such students to appear in exams. in offline mode, keeping into consideration their own health and the safety of other students and invigilators, as also advised by the medical officer of NIT health centre in two such cases. The same advice can be considered to be applicable in all COVID-19 positive cases

Therefore, it is proposed that the exams. for such students *only* may be conducted in online mode. All such students will submit their requests to the respective HoDs/School Coordinators. The respective HoDs/School Coordinators will make arrangements for the conduct of their online examinations under intimation to the office of Dean (Academic). This proposal has a concurrence of Dean (SW).
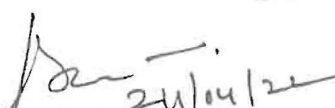
Submitted for kind consideration and approval please.

Dy. Registrar (Acad.)
30|04|22

Prof. I/C (Acad.)

Dean (SW)

Dean (Acad.)

Registrar Incharge

Director

allowed, subject to corona report & certified by SMO/MO of NITKKR

01/05/22

45

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

No. Acad./2022/ 665   Dated: 01.05.2022

NOTIFICATION

The end semester examinations for even semester of AY 2021-22 will be held in offline mode as decided by the Senate and are scheduled from 2nd May 2022 onwards (practical) and 10th May 2022 onwards (theory).

The offices of the Dean (Acad.) / Dean (SW) received requests from some students for conducting their end semester examinations in online mode as they have been diagnosed as COVID-19 positive and are advised to self-quarantine themselves by the Medical Officer of the Institute/Govt. hospital.

Keeping in view the requests of such students and the safety of other students and invigilators, the Competent Authority, on recommendations of Dean (Acad.) and Dean (SW), allowed only such students to appear in end semester exams in online mode subject to submission of certified Corona Test Report and endorsement by the Senior Medical Officer (SMO) / Medical Officer (MO) of Institute Health Center.

In this regard, all such students will submit their requests along with recommendation / endorsement on Corona Test Report by SMO / MO of Institute Health Center in the Office of the respective HoDs / School Coordinators. The respective HoDs / School Coordinators will make arrangements for the conduct of their online examinations under intimation to the office of the Dean (Academic).

This notification is issued for information and further necessary action.

Dy. Registrar (Acad.)
01/05/22

Copy to:

1. AR to Director for kind information of the Director.
2. All Deans
3. All HoDs/School Coordinators/Section Heads
4. Chief Wardens (Boys & Girls)
5. Prof. I/C (CCN) with a request to upload it on the Institute website.
6. Prof. I/C (Exam.)
7. Prof. I/C (Accounts)
8. Security Officer
9. Sr. Secretary to Registrar for kind information of the Registrar.

46

27.06.2022

Subject: Extension for submission of M.Tech thesis/dissertation

Many M.Tech students of 2020 Batch have requested to the Director / Dean (Academic) to extend the last date of M.Tech thesis/dissertation submission beyond 30th June 2022 due to late start of classes in offline mode. The students got less time to work on their thesis/dissertation work involving physical work or lab work and paper publishing.

In view of above, it is proposed that the M.Tech students may be allowed to submit their thesis/dissertation upto 27th July 2022 with a late fee of Rs. 1500/- (Rupees fifteen hundred). However, such students will not be considered for the award of medals and certificates. Those who submit their thesis/dissertation beyond this date, have to pay full semester fee for next semester i.e odd semester of Academic Year 2022-23. No further request for extension beyond 27th July 2022 will be considered.

Further, the M.Tech students, who are already in receipt of scholarship, will be entitled for scholarship upto 30.06.2022 or the date of submission of thesis whichever is earlier.

Submitted for approval, please.

27/6/22
Supdt.

Associate Dean (Academic)

Deputy Registrar (Academic)
22/06/22

Dean (Academic)

As per past practice the above proposal may be approved as next semester will start from 28/07/22.

Registrar

REGISTRAR OFFICE
Diary No. 223
Dt. 27-06-22

Director & Chairman Senate
28/06/22

28/06/22
Dean (Academic)

DR (Acad.)
28/06/22

47

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119

No. Acad./22/987

Dated: 28.06.2022

NOTIFICATION

This is in continuation to Examination Notification letter no. Acad./2022/581 dated 19.04.2022 wherein the final year M.Tech students of even semester of Academic Year 2021-22 were allowed to submit their thesis/dissertation upto 30.06.2022 without paying any additional fee.

The competent authority on request of the students allowed to submit M.Tech thesis/dissertation upto 27th July 2022 with a late fee of Rs. 1500/- (Rupees fifteen hundred). However, such students will not be considered for the award of medals and certificates. Those who will submit their thesis/dissertation beyond this date, have to pay full semester fee for next semester i.e odd semester of Academic Year 2022-23. No further request for extension beyond 27th July 2022 will be considered.

Further, the M.Tech students, who are already in receipt of scholarship, will be entitled for scholarship upto 30.06.2022 or the date of submission of M.Tech thesis/dissertation whichever is earlier.

This notification is issued for information and further necessary action at the end of all concerned.

Deputy Registrar (Academic)

Copy to:

1. AR to the Director for kind information of the Director
2. All Deans / HoDs / Coordinators of Schools
3. Prof. I/C (Examinations)
4. Prof. I/C (Accounts)
5. Prof. I/C (CCN) with a request to upload on institute website.

48

Sub: To approve the academic calendars for odd and even semester of Academic Year 2022-23.

The registration and commencement of classes for odd semester of Academic Year 2022-23 are scheduled from 18.7.2022 and 28.7.2022 respectively, as per Academic Calendar of even semester of AY 2021-22. The examination for 2nd semester of B.Tech. programme will be concluded on 27.7.2022. Further, on request of the students, it was agreed upon in a meeting of the Director, Dean (SW), and Prof. I/C (Acad.) held with the students of B.Tech. 2nd semester that they will be provided one/two weeks break after end semester examination and their classes for 3rd semester will commence from 1st/2nd week of August 2022.

In the light of the above, to streamline the academic activities in Odd semester of AY 2022-23, it is proposed to re-schedule dates of registration and commencement of classes to 29.7.2022 and 8.8.2022, respectively. Accordingly, the Academic Calendars for all UG & PG programmes (except B.Tech. 1st year for Academic Year 2022-23) have been prepared. The counselling process of M.Tech. and MCA programme is going on and it will complete in 1st or 2nd week of August, 2022. Therefore, it is proposed that the classes of M.Tech. 1st semester and MCA 1st semester will commence in offline mode from the next working day of last date of Participating Institute (PI) reporting after Special/Spot rounds as per the schedule of CCMT-2022 & NIMCET-2022, respectively. The Academic Calendar for 1st year students of B. Tech. will be notified later in accordance with counselling schedule of JoSAA/CSAB-2022.

Many students are enquiring about the dates of start of next semester for scheduling their travel plan and booking the tickets accordingly well in time. It is, therefore, proposed that the academic calendars placed herewith may please be approved so that the same can be notified for the information of students. Further, it will be placed as agenda item for ratification in the forthcoming Senate meeting.

Submitted for consideration and approval please.

Associate Dean (Acad.)

Dean (Academic)

Registrar Incharge

Director & Chairman, Senate

49
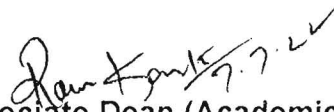
NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
(ACADEMIC SECTION)

No. Acad./Cal/2022-23//0447   July 07, 2022

All the teaching departments/schools will observe the attached Academic Calendars for Odd & Even Semesters of Academic Year 2022-23 (Except 1st & 2nd Semesters of B.Tech.), as approved by the Competent Authority.

Associate Dean (Academic)

Copy to: -

1. AR to Director for kind information of the Hon'ble Director
2. All Deans & HoDs of all teaching departments/School Coordinators
3. Prof. I/C (Exam.)/PTO, Workshop/Chief Warden (Boys & Girls)
4. Prof. I/C (CCN) with a request to upload the same on the Institute website
5. Prof. I/C (Sports)
6. AR (Accounts)
7. All Sectional Heads
8. SMO, Health Centre for kind information
9. Bank Manager, SBI, NIT Kurukshetra for kind information
10. Notice Boards of the Institute and all Hostels (Through Chief Warden)
11. PS to Registrar for kind information of the Registrar

50

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA
ACADEMIC CALENDAR FOR ODD SEMESTER OF ACADEMIC YEAR 2022-23
(EXCEPT 1ST SEMESTER OF B.TECH)

DAY\MONTH	JULY - 2022			AUGUST - 2022			SEPTEMBER - 2022			OCTOBER - 2022			NOVEMBER - 2022			DECEMBER - 2022			JANUARY - 2023			TOTAL
MON	-	.	-	1			.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
TUE	-	.	-	2			.	.	.	.	.	.	1	CLASSES	50	.	.	.	.	.	.	1
WED	-	.	-	3			.	.	.	.	.	.	2	CLASSES	51	.	.	.	.	.	.	1
THU	-	.	-	4			1	CLASSES	16	.	.	.	3	CLASSES	52	1	CLASSES	69	.	.	.	3
FRI	1			5			2	CLASSES	17	.	.	.	4	CLASSES	53	2	TEACHING CLOSES	70	.	.	.	3
SAT	2			6			3			1			5			3			.			
SUN	3			7			4		W-4	2	GANDHI JAYANTI	W-8	6		W-13	4		W-17	1		W-21	
MON	4			8	COMMENCEMENT OF CLASSES FOR ODD SEM	1	5	CLASSES	18	3	CLASSES	35	7	CLASSES	54	5			2	REGISTRATION FOR EVEN SEM OPENS	E-14	4
TUE	5			9	MUHARRAM		6	CLASSES	19	4	CLASSES	36	8	GURU NANAK JAYANTI		6	PRACTICAL EXAM BIGINS	P-1	3	WINTER BREAK	E-15	2
WED	6			10	CLASSES	2	7	CLASSES	20	5	DUSSAHARA		9	CLASSES	55	7		P-2	4	WINTER BREAK	E-16	3
THU	7			11	CLASSES	3	8	CLASSES	21	6	CLASSES	37	10	CLASSES	56	8		P-3	5	WINTER BREAK	E-17	4
FRI	8			12	CLASSES	4	9	CLASSES	22	7	CLASSES	38	11	CLASSES	57	9		P-4	6	WINTER BREAK	E-18	4
SAT	9			13			10			8			12			10			7			
SUN	10	ID-ULJUHA		14		W-1	11		W-5	9	ID-A-MILAD	W-9	13		W-14	11		W-18	8		W-22	
MON	11			15	INDEPENDENCE DAY		12	CLASSES	23	10	CLASSES	39	14	CLASSES	58	12		P5	9		E-19	3
TUE	12			16	CLASSES	5	13	CLASSES	24	11	CLASSES	40	15	CLASSES	59	13			10		E-20	4
WED	13			17	CLASSES	6	14	CLASSES	25	12	CLASSES	41	16	CLASSES	60	14	END SEM EXAM BEGINS	E-1	11	END SEM EXAM CONCLUDES	E-21	4
THU	14			18	REGISTRATION FOR ODD SEM ENDS*	7	15	CLASSES	26	13	CLASSES	42	17	MID SEM EXAM-II	T-4	15		E-2	12	COMMENCEMENT OF CLASSES FOR EVEN SEM		3
FRI	15			19	JANMASTHMI		16	CLASSES	27	14	CLASSES	43	18	MID SEM EXAM-II	T-5	16		E-3	13			2
SAT	16			20			17			15			19	MID SEM EXAM-II	T-6	17			14			
SUN	17			21		W-2	18		W-6	16		W-10	20		W-15	18		W-19	15		W-23	
MON	18			22	CLASSES	8	19	MID SEM EXAM-I	T-1	17	CLASSES	44	21	CLASSES	61	19		E-4	16			3
TUE	19			23	CLASSES	9	20	MID SEM EXAM-I	T-2	18	CLASSES	45	22	CLASSES	62	20		E-5	17			3
WED	20			24	CLASSES	10	21	MID SEM EXAM-I	T-3	19	CLASSES	46	23	CLASSES	63	21		E-6	18			3
THU	21			25	CLASSES	11	22	CLASSES	28	20	CLASSES	47	24	CLASSES	64	22		E-7	19			4
FRI	22			26	CLASSES	12	23	CLASSES	29	21	CLASSES	48	25	CLASSES	65	23		E-8	20	REGISTRATION FOR EVEN SEM ENDS*		4
SAT	23			27			24			22			26			24			21			
SUN	24			28		W-3	25		W-7	23		W-11	27		W-16	25	CHRISTMAS	W-20	22			
MON	25			29	CLASSES	13	26	CLASSES	30	24	DEEPAWALI		28	CLASSES	66	26	WINTER BREAK	E-9	23		MON	14
TUE	26			30	CLASSES	14	27	CLASSES	31	25	MID SEM BREAK		29	CLASSES	67	27	WINTER BREAK	E-10	24		TUE	13
WED	27			31	CLASSES	15	28	CLASSES	32	26	MID SEM BREAK		30	CLASSES	68	28	WINTER BREAK	E-11	25		WED	14
THU	28			-	.	-	29	CLASSES	33	27	MID SEM BREAK		-	.	-	29	WINTER BREAK	E-12	26	REPUBLIC DAY	THU	15
FRI	29	REGISTRATION FOR ODD SEM OPENS		-	.	-	30	CLASSES	34	28	MID SEM BREAK		-	.	-	30	WINTER BREAK	E-13	27		FRI	14
SAT	30			-	.	-	-	.	-	29			-	.	-	31			28			
SUN	31			-	.	-	-	.	-	30		W-12	-	.	-	-	.	-	29			
MON	-	.	-	-	.	-	-	.	-	31	CLASSES	49	-	.	-	-	.	-	30			1
TUE	-	.	-	-	.	-	-	.	-	-	.	-	-	.	-	-	.	-	31			
TOTAL	JULY-2022	0		AUGUST-2022	15		SEPTEMBER-2022	19		OCTOBER-2022	15		NOVEMBER-2022	19		DECEMBER-2022	2		JANUARY-2023	0		70

The classes of M.Tech. 1st semester and MCA 1st semester will commence in offline mode from the next working day of last date of Participating Institute (PI) reporting after Special/Spot rounds as per the schedule of CCMT-2022 & NIMCET-2022.

* Registration after this date will attract a fine of Rs. 500/-.

OFFICE OF THE DEAN (ACADEMIC)

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA
ACADEMIC CALENDAR FOR EVEN SEMESTER OF ACADEMIC YEAR 2022-23
(EXCEPT 2ND SEMESTER OF B.TECH)

DAY\MONTH	Jan Date	Jan Event	Jan No	Feb Date	Feb Event	Feb No	Mar Date	Mar Event	Mar No	Apr Date	Apr Event	Apr No	May Date	May Event	May No	Jun Date	Jun Event	Jun No	Jul Date	Jul Event	Jul No	Aug Date	Aug Event	Aug No	TOTAL
MON													1	CLASSES	65										1
TUE													2	CLASSES	66							1			1
WED				1	CLASSES	14	1	CLASSES	32				3	CLASSES	67							2			3
THU				2	CLASSES	15	2	CLASSES	33				4	CLASSES	68	1	SUMMER BREAK	E-12				3			3
FRI				3	CLASSES	16	3	CLASSES	34				5	BUDHHA PURNIMA		2	SUMMER BREAK	E-13				4	REGISTRATION FOR ODD SEM ENDS*		2
SAT				4			4			1			6			3			1			5			-
SUN	1			5		W-4	5		W-8	2		W-12	7			4		W-17	2		W-21	6			-
MON	2	REGISTRATION FOR EVEN SEM OPENS		6	CLASSES	17	6	CLASSES	35	3	MID SEM BREAK		8	TEACHING CLOSES	69	5	SUMMER BREAK	E-14	3	SUMMER BREAK		7			3
TUE	3			7	CLASSES	18	7	CLASSES	36	4	MAHAVIR JAYANTI		9			6	SUMMER BREAK	E-15	4	SUMMER BREAK		8			2
WED	4			8	CLASSES	19	8	HOLI		5	MID SEM BREAK		10	PRACTICAL EXAM BEGINS	P-1	7	SUMMER BREAK	E-16	5	SUMMER BREAK		9			1
THU	5			9	CLASSES	20	9	CLASSES	37	6	MID SEM BREAK		11		P-2	8	SUMMER BREAK	E-17	6	SUMMER BREAK		10			2
FRI	6			10	CLASSES	21	10	CLASSES	38	7	GOOD FRIDAY		12		P-3	9	SUMMER BREAK	E-18	7	SUMMER BREAK		11			2
SUN	8			12		W-5	12		W-9	9		W-13	14			11		W-18	9		W-22	13			-
MON	9			13	CLASSES	22	13	CLASSES	39	10	CLASSES	54	15		P-4	12	SUMMER BREAK	E-19	10	SUMMER BREAK		14			3
TUE	10			14	CLASSES	23	14	CLASSES	40	11	CLASSES	55	16		P-5	13	SUMMER BREAK	E-20	11	SUMMER BREAK		15	INDEPENDENCE DAY		3
WED	11			15	CLASSES	24	15	CLASSES	41	12	CLASSES	56	17			14	END SEM EXAM CONCLUDES	E-21	12	SUMMER BREAK		16			3
THU	12	COMMENCEMENT OF CLASSES FOR EVEN SEM	1	16	CLASSES	25	16	CLASSES	42	13	CLASSES	57	18	END SEM EXAM BEGINS	E-1	15	SUMMER BREAK		13	SUMMER BREAK		17			4
FRI	13	CLASSES	2	17	CLASSES	26	17	CLASSES	43	14	AMBEDKAR JAYANTI		19		E-2	16	SUMMER BREAK		14	SUMMER BREAK		18			3
SAT	14		W-1	18			18	MAHASHIVRATRI		15			20		E-3	17			15			19			-
SUN	15			19		W-6	19		W-10	16		W-14	21			18		W-19	16		W-23	20			-
MON	16	CLASSES	3	20	CLASSES	27	20	CLASSES	44	17	MID SEM EXAM-II	T-4	22		E-4	19	SUMMER BREAK		17	REGISTRATION FOR ODD SEM OPENS		21			3
TUE	17	CLASSES	4	21	CLASSES	28	21	CLASSES	45	18	MID SEM EXAM-II	T-5	23		E-5	20	SUMMER BREAK		18			22			3
WED	18	CLASSES	5	22	CLASSES	29	22	CLASSES	46	19	MID SEM EXAM-II	T-6	24		E-6	21	YOGA DAY		19			23			3
THU	19	CLASSES	6	23	MID SEM EXAM-I	T-1	23	CLASSES	47	20	CLASSES	58	25		E-7	22	SUMMER BREAK		20			24			3
FRI	20	REGISTRATION FOR EVEN SEM ENDS*	7	24	MID SEM EXAM-I	T-2	24	CLASSES	48	21	CLASSES	59	26		E-8	23	SUMMER BREAK		21			25			3
SAT	21			25	MID SEM EXAM-I	T-3	25			22	ID-UL-FITAR		27			24			22			26			-
SUN	22		W-2	26		W-7	26		W-11	23		W-15	28			25		W-20	23			27			-
MON	23	CLASSES	8	27	CLASSES	30	27	CLASSES	49	24	CLASSES	60	29		E-9	26	SUMMER BREAK		24	COMMENCEMENT OF CLASSES FOR ODD SEM OF AY 2023-24		28			**MON 15**
TUE	24	CLASSES	9	28	CLASSES	31	28	CLASSES	50	25	CLASSES	61	30		E-10	27	SUMMER BREAK		25			29			**TUE 14**
WED	25	CLASSES	10				29	CLASSES	51	26	CLASSES	62	31		E-11	28	SUMMER BREAK		26			30			**WED 13**
THU	26	REPUBLIC DAY					30	CLASSES	52	27	CLASSES	63				29	ID-UL-JUHA		27			31	RAKSHA BANDHAN		**THU 14**
FRI	27	CLASSES	11				31	CLASSES	53	28	CLASSES	64				30	SUMMER BREAK		28	MUHARRAM					**FRI 13**
SAT	28									29									29						-
SUN	29		W-3							30		W-16							30						-
MON	30	CLASSES	12																31						1
TUE	31	CLASSES	13																						1
TOTAL	JANUARY-2023		13	FEBRUARY-2023		18	MARCH-2023		22	APRIL-2023		11	MAY-2023		5	JUNE-2023		0	JULY-2023		0	AUGUST-2023		0	69

* Registration after this date will attract a fine of Rs. 500/-.

Note: - Thesis submission (M.Tech. 4th Semester) from 09.05.2023 to 30.06.2023.

OFFICE OF THE DEAN (ACADEMIC)

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S 47.04   **To consider and approve the modifications in Ph.D. ordinance for the Academic Year 2022-23.**

The following Committee was constituted by the Hon'ble Director for revision in Ph.D. Ordinance:

1. Prof. Brahmjit Singh, Dean (P&D)   Chairman
2. Prof. Sathans, Dean (Academic)   Member
3. Prof. Mahesh Pal, Dean (R&C)   Member
4. Prof. Gian Bhushan, Former Dean (Acad.)   Member
5. Prof. R.P. Chauhan, Prof. Physics Deptt.   Member
6. Dr. A.S.V. Ravi Kanth, Prof. I/C (Acad.)   Member

After observation and detailed deliberations, the above Committee suggested some modifications in Ph.D. Ordinance for the academic year 2022-23.

The modified Ph.D. ordinance is enclosed as Annexure S 47.04 from pages **54** to **78**.

The Senate may consider and decide.

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

PROSPECTUS

Ph.D. PROGRAMS

(2022-2023)

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

The National Institute of Technology, Kurukshetra, an "Institution of National Importance", offers B.Tech. M. Tech. MBA, MCA and Ph.D. Degree Programs in all the major disciplines of Engineering, Technology, Sciences, Humanities & Social Sciences, Computer Applications, and Business Administration.

The Institute undertakes sponsored research and development projects from various central and state funding agencies, R&D organizations and industries in public and private sectors. The Institute promotes interdisciplinary research aiming to address the emerging development imperatives of the country as envisaged in the New Education Policy (NEP-2020) of Government of India. The academic programmes of the Institute promote futuristic education system aligned with the aspirational goals of higher education of 21st Century encompassing Sustainable Development Goal 4 while building upon India's traditional value system.

In NIT Kurukshetra, the faculty is entrusted with the responsibility to act at the centre of the fundamental reforms in the educational system. They are the catalyst who truly shape our next generation of citizens. The faculty and students in the Institutes are encouraged towards achieving economic and social mobility, inclusion and equality.

The National Institute of Technology, Kurukshetra (NIT KKR), formerly a Regional Engineering College was established in 1963 in the state of Haryana. It was conferred the deemed university status on 26.6.2002, and declared an "Institution of National Importance", on 15.08.2007. The Institute being CFTI is funded by the Central Government through the Ministry of Education, Government of India.

NIT Kurukshetra, located on Delhi–Ambala section of Northern Railway at about 160 km from Delhi, is one of the premier Institutes engaged in technical education and research.

Kurukshetra is a place of great religious significance too, where Lord Krishna is said to have delivered the divine message of Shrimad Bhagwad Gita.

Fees & Deposits

Present prescribed fees payable by Ph.D. research scholars are as under

Institute

Tuition Fees* (Full Time/Part Time)	Rs. 10,000/- per semester
Tuition Fees*(NRIs/Foreign students)	US $ 2000/- per semester
Institute Fee (Full Time)	Same as charged from UG & PG Students for AY 2022-23
Institute Fee (Part Time)	50% as charged from UG & PG Students for AY 2022-23
Caution Money (Institute & Library)	Same as charged from UG & PG Students for AY 2022-23
Medical Insurance (Full Time including NRIs)	Rs. 1000/- per year
Thesis Submission Fee	Rs 10,000

Hostel/Faculty House/Other Residential Place*

Fees (Single Seater for Full Time)	Same as charged from UG & PG Students For AY 2022-23
Mess Security	Same as charged from UG & PG Students For AY 2022-23

1) Hostel accommodation shall be allotted only to the full time Ph.D. research scholars subject to availability of the rooms in the hostels.
2) Full time research scholars receiving any type of scholarship/fellowship will be provided rent free accommodation in the Institute hostels. The rent claimed by the research scholars from the external organizations must be deposited in the Institute Account.
3) In case of unavailability of the hostel rooms, the research scholar awarded with the Institute scholarship will be provided HRA as per norms of the Central Government.
4) Faculty House/Other Residential Place shall be provided to the married full time Ph.D. research scholars subject to availability on the prescribed room rent and other charges as decided by the Institute authority.
5) Hostel accommodation facility may be extended for maximum 3 months beyond w.e.f. the date of submission of Ph.D. thesis.

*Subject to revision from time to time by the Ministry of Education, Govt of India and/or the Institute.

Ph.D. Program

The Doctor of Philosophy (Ph. D.) Program is offered by the following Departments / Schools in the related areas of specializations.

- Department of Civil Engineering (CED)
- Department of Electrical Engineering (EED)
- Department of Electronics and Communication Engineering (ECD)
- Department of Computer Engineering (COD) *
- Department of Mechanical Engineering (MED) **
- Department of Physics
- Department of Chemistry
- Department of Humanities and Social Sciences (HSS)
- Department of Mathematics
- School of VLSI Design and Embedded System (SVE)
- School of Renewable Energy and Efficiency (SREE)
- Department of Business Administration (MBA)
- Department of Computer Application (MCA)

*Also runs the program of Information Technology (IT)

** Also runs the program of Production & Industrial Engineering ((PIE)

The provisions contained in these Regulations shall also be applicable to any new Doctoral Research Programmes, either by any of the departments, or even possibly as inter (multi)disciplinary programmes, that may be introduced from time to time.

Admissions to Ph.D. Program

The admissions to Ph.D. programme (Full Time/Part Time) in the Departments/Schools of Engineering, Technology, Sciences, Humanities & Social Sciences, Computer Application and Business Administration are conducted twice in an academic year (odd and even semesters). The Institute reserves the right to suspend the admission process in Ph.D. programs if warrants so due to certain force majeure.

Research Areas:

Advertisement should include the details of seats as per specializations/ research areas to be offered by the respective departments/schools. Seats are to be advertised as per the slots & availability of the supervisors in the concerned research areas. These research areas are to be provided by the concerned Departmental Research committees (DRC)/School Research Committees (SRC), well before the commencement of the semester. Areas should be aligned with the current research across the world. Departments /Schools are required to update the list of the faculty members with details of their research interests in the institute as well as outside the institute, time to time (specifically before the start of any semester).

Admission Process:
(a) Applications for Ph.D. programs are to be invited from Indian and foreign nationals in the prescribed format. Applications as received will be scrutinized by the DRC/SRC of the concerned department/school. After scrutiny, the list of all eligible candidates will be uploaded on the Institute website by the office of the Dean (Acad).
(b) All eligible applicants are required to appear in an objective type (MCQ) written test of PG level comprising of two papers as mentioned below:
   - Paper-I*: Analytical skills, Reasoning, Aptitude: 30 marks; Duration: 30 min.
   - Paper-II: Area of Research/ Specialization: 40 marks; Duration: 40 min.
     Qualifying marks**: 50 % of total marks (35/70 marks).
     Tests will be conducted by the respective departments/schools.
   Detailed guidelines for conducting the entrance test along with timeline will be provided by Dean (Acad).
   *Common to all Depts./Schools
   ** Relaxation as per norms of the GoI
(c) List of the qualified candidates will be uploaded on the Institute website by the HoDs/Co-ordinators of respective departments/schools.
(d) All qualified candidates will be required to appear before the respective DRC/SRC for an interview/interaction comprising of a brief power point presentation on the related research area. Qualified candidates may contact prospective supervisors in the department/school.
(e) DRC/SRC will evaluate the candidates and marks will be awarded out of 30 with 10 marks each for presentation, interview and academic achievements.
   Qualifying marks: 50% (15 marks).
(f) Based upon their performance in both written test and interaction/interview with DRC/SRC, respective DRC/SRC will recommend the merit list of candidates prepared on the basis of total score out of 100 along with allocation of the seat in accordance with the advertisement and the respective allotted supervisor(s). Such allotment should take care of uniform distribution of full-time research scholars (including candidates from other departments) among all eligible supervisors.
   Qualified scholars working in Govt./R&D Org./Industry sponsored project/fellowship are to be supervised by the coordinating faculty/ Principal Investigator, provided he/she is eligible to become supervisor.
   In case of tie, merit list will be prepared on the basis of following criteria in order of preference:
   (i) Performance of the candidate in written test
   (ii) Percentage of marks in qualifying degree
   (iii) Percentage of marks in 10+2
   (iv) Percentage of marks in 10th
   (v) Seniority as per Date of Birth

After receiving the merit list as mentioned above, Dean (Academic) will issue the admission letters to recommended candidates for joining the Ph.D. program.

(g) The respective HoD/School Co-ordinator will send joining reports of the respective research scholars to the office of the Dean (Academic) in time.

Contacts & Email ID

The contact numbers and official email id of the offices of Dean (Academic) and Heads of Departments are as listed below:

Designation	Office (01744)	Email ID
Dean (Academic)	233223	dean_academic@nitkkr.ac.in
Prof-in-charge (Academic)	233225	asvravikanth@nitkkr.ac.in
Prof-in-charge (Examination)	233239	examinations@nitkkr.ac.in
DR(Academic)	233227	dr1@nitkkr.ac.in
Ph.D. Enquiry Desk, Academic section	233229	phd@nitkkr.ac.in
Civil Engg. Deptt.	233334	hodcednitk@gmail.com
Computer Engg. Deptt.	233479	coengg@nitkkr.ac.in
Electrical Engg. Deptt.	233371	hodee@nitkkr.ac.in
Electronics & Communication Engg. Deptt.	233414	hodece@nitkkr.ac.in
Mechanical Engg. Deptt.	233447	hodmechanical@nitkkr.ac.in
Physics Deptt.	233494	hodphysics@nitkkr.ac.in
Chemistry Deptt.	233510	hodchemistry.nitkkr@gmail.com
Humanities & Social Sciences Deptt.	233516	humss5@nitkkr.ac.in
Mathematics Deptt.	233504	hodmaths@nitkkr.ac.in
Department of Business Administration	233524	mba@nitkkr.ac.in
Department of Computer Application	233540	ca.nitkkr@gmail.com
School of VLSI Design and Embedded Systems	233440	nitkkr.sve@gmail.com
School of Renewable Energy and Efficiency	233148	sree@nitkkr.ac.in

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
ORDINANCES
for the
DEGREE OF THE DOCTOR OF PHILOSOPHY

PREAMBLE

The National Institute of Technology, Kurukshetra offers through its Departments/Schools, postgraduate programs leading to the award of the Ph.D. Degree. The award of the Doctorate degree is in recognition of high academic attainments, quality research, and application of knowledge to the solution of problems of the industry in particular and society at large.

The NEP-2020 focuses on research and innovation by setting up start-up incubation centres; technology development centres through innovative research, centres in frontier areas of research, effective industry-academic interfaces, and interdisciplinary research. The NIT Kurukshetra is committed towards the development of such kind of world class global Institution of higher learning by implementing innovative technological driven research.

The Institute undertakes sponsored research and development projects from industry and other organizations in the public and private sector. The Institute also provides opportunities for research in interdisciplinary areas through a system of joint-supervision.

The research work is required to be original work characterized either by the discovery of facts, or by a fresh approach towards the interpretation and application of facts, or development of process and services, making a significant and distinct advance in technology. It shall evince the scholar's capacity for critical examination and sound judgement and shall represent original contribution to the existing knowledge domain.

ORDINANCE

O-01 DEFINITIONS

(i) **"NIT KKR"** shall mean the National Institute of Technology, Kurukshetra.

(ii) **"Research Scholar"** shall mean a person who is registered in the Ph.D. program in any department/school of NIT Kurukshetra.

(iii) **"Part-time Research Scholar"** shall mean a research scholar who in addition to devoting his/her time towards discharging his/her employment responsibilities also devotes his time towards the pursuit of his Ph.D. research program.

(iv) **"Full-time Research Scholar"** shall mean a research scholar devoting full time in a Department / School at NIT Kurukshetra towards the pursuit of his Ph.D. research program.

(v) **"Supervisor"** shall mean a member of the regular academic staff of NIT Kurukshetra, appointed by the concerned Department Research Committee (DRC) or School Research Committee (SRC) to supervise the Ph.D. work of the research scholar.

(vi) **"Co-Supervisor"** shall mean additional supervisor as appointed by the DRC/SRC.

The Co-supervisor(s) may be from either of the following:
(a) NIT Kurukshetra
(b) Faculty from Institute/University having top 100 NIRF ranking in any of the categories.
(c) CFTIs/Universities fully funded by central government/PSUs/ R&D organization/Industry duly incorporated in India
(d) Faculty from the Universities/Institutions in the top 500 QS/THE global ranking

Co-supervisor from outside the Institute must have the academic qualifications and research credentials as prescribed for a supervisor.

"Caretaker Supervisor" shall mean a supervisor appointed to look after the scholar's research interests in the absence of the regular supervisor when the synopsis of the thesis has been submitted. The caretaker supervisor also must have the academic and research qualifications as prescribed for a supervisor.

(vii) **"Educational Institute"** shall mean those institutes which run full-time Bachelor's or higher degree programs.

(viii) **"ORG"** shall mean a PSU / Government Department / R&D Unit.

(ix) **"Registration Period"** shall mean the length of the time span for which a person remains a research scholar.

(x) **"Minimum Registration Period"** shall mean the minimum period for which a research scholar must remain registered to complete the requirements for degree of Ph.D.

(xi) **"Degree"** shall mean the Degree of Doctor of Philosophy (Ph.D.) of NIT Kurukshetra.

(xii) **"Dean"** shall mean the Dean (Academic) of NIT Kurukshetra.

(xiii) **"HOD"** shall mean Head of Department in which a Research Scholar is registered/proposes to register.

(xiv) **"DRC/SRC"** shall mean the Department/School Research Committee of a Department/School of NIT Kurukshetra.

(xv) **"BoS"** shall mean the Board of Studies of a Department of NIT Kurukshetra.

O-02 GENERAL

1. These ordinances / Ph.D. regulations shall be applicable to students getting admission in Ph. D. programs at NIT Kurukshetra from academic session 2022-23 and onward. All eligibility criteria must be satisfied on the last date of receipt of application, failing which application will be rejected.

2. The qualifying degree as well as the University of qualifying degree must be recognized by AICTE, UGC or MoE as the case may be. This will be verified by the Academic Section of NIT Kurukshetra and its decision in this regard will be final.

3. The applicant, if employed, must send his application through the competent authority / proper channel. The date of initial registration of a research scholar shall normally be the date on which the research scholar reported in the respective Department / School and submitted his/her joining report.

4. In case of change of status from full-time to part-time, the time spent as a full-time scholar will be taken into account for the purpose of minimum registration period requirement. For change of status from full time to part time, the scholar must have completed a minimum of three years as full-time scholar at the institute. The recommendations of the DRC are mandatory in such cases.

5. If a research scholar withdraws from Ph.D. program or his/her Ph.D. admission is terminated due to any reason (other than completing maximum period of registration), the research scholar status ceases w.e.f. the date of such an act. Such a research scholar cannot apply again for registration before the lapse of one year from the date of de-registration.

6. At the close of every semester, a research scholar is required to submit the semester progress report by 30th June for even semester and 31st December for odd Semester to the Chairman of the DRC/SRC. Semester progress report is to be submitted through research supervisor(s) with remarks of all the supervisor(s) duly recorded as satisfactory/unsatisfactory. The progress shall be evaluated by the DRC/SRC and the result of evaluation recorded as satisfactory/unsatisfactory on the registration form of the research scholar for the subsequent semester. The registration form shall be forwarded by the Chairman, DRC/SRC to the Dean (Acad).

7. The research scholar should be present in the Department when a DRC/ SRC meeting is held for evaluating his/her performance for any purpose.

8. If due to compelling adverse circumstances (as considered so by the DRC/ SRC), a research scholar is not able to submit the progress report by the stipulated date, or the progress of a research scholar is adjudged by the DRC/ SRC as unsatisfactory, the Research Scholar on his/her request, can be allowed an additional chance for the same. He/She is expected to improve his/her work and

submit the report again at the close of the following semester (after six months). During this semester, he/she can be registered provisionally only (the normal semester fees, however, will have to be paid), and the minimum registration period requirement will automatically get extended by six months. Further, if he receives a scholarship, his/her scholarship for these six months will be stopped.

If, even on having been granted extension, he/she does not submit the progress report within the stipulated time or on resubmission also, the progress is adjudged as unsatisfactory; his/her registration shall be recommended for cancellation by the Deptt/School. Only one such chance can be granted to a research scholar during his entire Ph.D. program.

9. A research scholar must complete course work within two initial semesters from the date of registration.

10. He should submit his/her research plan proposal and pass the comprehensive examination within 12-18 months of the initial registration. If due to compelling adverse circumstances (as considered so by the DRC/SRC), a research scholar is not able to submit his research plan proposal and appear in the comprehensive examination as stipulated above, or he/she is not able to pass the comprehensive examination within 12-18 months period, he/she, on his/her request, can be granted an extension of six months. During this semester, he/she can be registered provisionally only (the normal semester fees, however, will have to be paid), and minimum registration period requirement will automatically get extended by six months. Further, if he/she receives a scholarship, his/her scholarship for these six months will be stopped. Only one such chance can be allowed to a scholar. If the research scholar fails to qualify the comprehensive examination after getting extension of six months his/her registration will be recommended for cancellation of registration in the Ph.D. program by the concerned DRC/SRC.

11. The research scholar must request the HOD/School Coordinator well in time (at least fifteen days before the expiry of the expected date), through his/her supervisor(s), about his/her research plan to appear in the comprehensive examination.

12. The research scholar shall be allowed to deliver his pre-synopsis seminar only after completing the course requirements and after publishing/getting acceptance for at least two research papers out of his research work in non-paid peer reviewed SCI/SCIE/Scopus Journals. The research scholar must request the HOD/School Coordinator well in time, at least 15 days in advance, through his/her supervisor(s), about his proposal to deliver a pre-synopsis seminar.

13. The request shall be processed by the DRC/SRC concerned within three weeks of the request received.

14. A research scholar is required to complete all the requirements for the award of the Ph.D. degree within the specified period as per the regulations failing which he/she will be recommended for de-registration by the DRC/SRC.

15. Every research scholar is to abide by all the regulations and the amendments made in regulations from time to time. However, the eligibility conditions for submission of thesis shall remain same as existing at the time of admission.

16. It is the responsibility of the research scholar to be in the knowledge of the amendments, if an, in the ordinances and the regulations. No research scholar will be informed individually. The related circulars/amendments would be available in the office of the HOD/School Coordinator/Dean (Academic). The amendments are incorporated in the prospectus and the amended version is put on the Institute website also. The research scholar is required to observe the Institute website regularly to remain updated about any amendments therein. The scholar should maintain regular contact with the supervisor(s) for the purpose.

17. No TA/DA etc. is admissible to any research scholar whenever he/she is to visit NIT Kurukshetra, or any other place in connection with the Ph.D. research work.

18. In case of a change in the contact telephone number / the correspondence address/e-mail, the research scholar must immediately inform his supervisor, the HOD and the Dean (Acad).

19. If, at any time after admission, it is found that a candidate had not in fact fulfilled all the requirements stipulated in the offer of admission, in any form whatsoever, including possible misinformation etc., this matter shall be reported to the Senate, recommending revoking the admission of the candidate.

20. The Institute reserves the right to cancel the admissions of any student and ask him/her to discontinue his studies at any stage of his career on the grounds of unsatisfactory academic

performance or indiscipline or any misconduct.

O-03 REGULATIONS

The admission in Ph.D. program will be regulated by the regulations made and approved by the Senate from time to time.

The following regulations shall apply to all categories of research scholars pursuing Ph.D. program of the Institute.

R-1 CLASSIFICATIONS

The research scholars shall be classified in the following manner

(A) *On the basis of the time devoted to the Ph.D. program*
    i) Full-time   (ii)   Part-time

(B) *On the basis of the occupation*

   i) Teacher, a person serving as the faculty of a department of a teaching institute.

   ii) Non-Teacher, a person serving as non-teaching employee including officer cadre of any Institute/Department, Organization.

   iii) Project staff, a person working on a project undertaken by the Institute (NIT Kurukshetra). The Ph.D. program of such a person should be related to his/her project work.

(C) *On the basis of the country he/she belongs to*

   i) Indian, a person holding valid Indian citizenship

   ii) Foreign nationals admitted through the Embassy of the respective Governments, after getting approval from the Ministry of External Affairs and 'No Objection Certificate' from the Ministry of Education, Government of India or admitted under a MoU. A foreign national can be admitted by the Institute directly on the basis of his/her application and on the basis of his/her performance in the Undergraduate/Postgraduate level of study in the foreign/Indian University. Meritorious foreign nationals may be exempted from the entrance test by the Director on the recommendation of the respective DRC and the office of the Dean (Academic).

(D) *On the basis of the financial assistance*

   i)   Self-financed A research scholar who does not receive financial support (scholarship/assistantship) of the Institute, or from any other source during his Ph.D. program. The institute reserves the right for admission under this category.

ii) Fellowship / Scholarship Awardees

(a) A research scholar getting Institute fellowship / scholarship.

(b) A research scholar receiving fellowship / scholarship from Government/Semi-Government such as CSIR / UGC / DOE / DST / DBT / NBHM/ INSPIRE etc.

(c) A research scholar receiving fellowship / scholarship from ICCR, Govt. of India or any institution of the Govt of India.

(d) A research scholar receiving scholarship from any private entity including foreign University, Trust or sponsoring agency.

i)   There is a provision in the Institute for conducting research work abroad while pursuing Ph.D. Program at the Institute under different schemes including SERB / USIEF / Fulbright / SERB-Purdue OVDE / Commonwealth Split-Scholarship scheme, and working place of the foreign co-supervisor with the following guidelines: -

1.   The Ph.D. research scholar should be registered for a full time Ph.D. program at NIT Kurukshetra.

2.   Only one visit of maximum one-year duration by a research scholar will be allowed during the entire Ph.D. research work duration.

3.   The student may apply for such a programme. The scholar shall be allowed to proceed having cleared the comprehensive exam and the research plan approved by the respective DRC/SRC.

4.   The candidate for such visit must fulfil the following requirements:
     i) All previous progress reports of the Ph.D. research scholar should be satisfactory.
     ii) The students who have already submitted Ph.D. Synopsis are not eligible to apply.

5.   DRC should be satisfied with the research proposal submitted for carrying out such research and

the research proposal should be part of the ongoing Ph.D. work.

6. The time period of such work will be considered as a part of Ph.D. program duration. The total period of Ph.D. duration will be as per the Institute rules.

7. The candidate will continue to register at NIT Kurukshetra for the semesters during which he/she is on such visit by completing registration formalities and fee submission.

8. During the stay in the university abroad the progress report of the candidate should remain satisfactory.

9. If the Ph.D. research scholar is getting an Institute or any other government scholarship, the Institute will stop payment of this scholarship and any other contingent expenses to the research scholar for the duration of such research activity abroad.

10. The foreign supervisor may be invited to be the part of the DRC meetings for the respective Ph.D. research scholar for work evaluation / pre-synopsis / viva-voce etc.. No TA/DA and no honorarium will be paid by the Institute for attending such meetings. They may join the proceedings through online mode.

11. Joint publications / patents made by the Ph.D. research scholar along with foreign supervisor will be accepted by DRC and the Institute.

12. The application under the proposal will be forwarded by the DRC to the Dean (Academic) for verification and necessary approvals if so required.

13. No financial liability on NIT Kurukshetra for undertaking such visits.

R-2 CONSTITUTION OF DEPARTMENT/SCHOOL RESEARCH COMMITTEE

The DRC/SRC shall consist of the following, provided each member qualifies to be a Ph.D. supervisor:

    i. HOD/School Coordinator*

    ii. All Professors of the Department

    iii. Three Associate Professors of the department by rotation. The term of an Associate Professor will be 2 years. The changeover will be effective on 1stJuly of the year

    iv. Two Assistant Professors of the department by rotation. The term of an Assistant Professor will be 2 years. The changeover will be effective on 1stJuly of the year

    v. Supervisors of the scholars, though they may not constitute regular members (unless covered under (i) or (ii) or (iii)), but they will participate in DRC/SRC meetings when the cases of their respective scholars are taken up.

For Applied Sciences departments/schools/MBA/MCA, if the number of total members including Chairman is less than five, then additional member(s) may be opted from other Departments/schools having requisite eligibility qualifications for Ph. D. supervision for two-year. They will be nominated by the Director.

For Engineering departments, if the total number of members including Chairman is less than seven, then additional member(s) from may be of the allied department may be nominated by the Director.

* The HOD/School Coordinator shall be the Chairman of the DRC/ SRC. If the HOD/School Coordinator does not qualify to be a Ph. D. supervisor, the senior most qualifying faculty member of the Department will act as the Chairman of the DRC. Faculty members, qualified to be the supervisors, can only be members of DRC. If the Chairman of the DRC/ SRC is not able to attend a DRC/ SRC meeting due to compelling reasons, the senior most DRC/SRC member will work as Chairman, DRC/SRC.

#If a co-supervisor of the scholar is from outside NIT Kurukshetra but from within the country, he will be invited for the DRC/SRC meetings whenever his scholar's comprehensive, pre-synopsis seminar and final examination are conducted. In all such cases, no TA/DA /honorarium will be paid for this purpose. They may join through online mode.

DRC/SRC requires the approval of the Director as and when required. At least 50% of the total members should be present during the proceedings of DRC/SRC.

Minutes of all DRC meetings will be sent to the Dean (Academic).

R-3 ELIGIBILITY

R-3.1 Educational Qualifications:

(a) An applicant possessing the prescribed qualifications shall be eligible for admission to a Ph.D. program of the institute. The Degrees obtained through distance education programs shall not be considered.

The academic programme as well as the University of qualifying degree must be recognized by AICTE /UGC. The academic programmes of the autonomous Institutes established by the Parliament will not be required to have recognition of the UGC/AICTE. The degrees and academic programmes of the Institute/University will be verified by the Academic Section before registration of the candidate in Ph.D. Programme.

(b) Minimum Qualification for Eligibility:

A Master's Degree in Engineering/Technology/Sciences/Humanities and Social Sciences/ Management or equivalent recognised by the Institute with a minimum Cumulative Grade Point Average (CGPA) of 6.5 on a 10-point scale or equivalent as determined by the Senate. In case of award of letter grades in the qualifying degree, the certificate in respect of 60% equivalent grade from the issuing Institute/University must be produced; or 60% marks in aggregate where marks are awarded.

The candidates having Master's Degree must possess full time Bachelor's Degree or equivalent in accordance with R-3.1(a)) also with a minimum Cumulative Grade Point Average (CGPA) of 6.0 on a 10-point scale or equivalent as determined by the Senate. In case of award of letter grades in the qualifying degrees, the certificate in respect of 60% equivalent grade from the issuing Institute/University must be produced; or 60% marks in aggregate where marks are awarded.

OR

Full time Bachelor's Degree in Engineering /Technology or equivalent with a minimum of 80% marks in aggregate or 8.0 CGPA on 10-point scale of equivalent and a minimum of 5 years of work experience at the level of Assistant Professor, Class-I Officer or equivalent) in any reputed Institute/Industry/Government organization, and evidence of Master's level R&D work completed.

R-3.2 Additional Eligibility Conditions for Part-Time Ph.D. Program

(i) **Permanent/Regular Employees** working in R & D Organisations, national laboratories, Government organizations, industries, PSUs, State Undertakings having sufficient facilities to carry out research at their organisation.

(ii) **Regular faculty** of reputed Institute/University having **sufficient facilities to carry out research at their place in the related research area.**

(iii) **Regular Faculty and Non-Teaching Staff** of NIT Kurukshetra working in any department/School, centre, section and cell of the Institute.

All such candidates should have a minimum experience of two years which will be counted from the date of joining in the sponsoring organizations to the last date of application in the Ph.D. programme. The candidate is required to produce the experience certificate at the time of interview by the respective DRC/SRC. Minimum qualification for these candidates is the same as for full-time candidates.

Part-time candidates are required to submit a "**No Objection Certificate**" on a proper letterhead from the appropriate authority in the organization clearly stating the following:

- The candidate is permitted to pursue Ph.D. research work on a part-time basis.
- That his/her official duties permit him/her to devote sufficient time for research.
- Facilities for research in the candidate's field of research are available at the candidate's place of work.
- The candidate will be sanctioned leave for sufficient duration for conduct of his/her research work, in case, the research facilities are not available in the Institute/Industry/Organization.

R-3.3 Eligibility for Institute Scholarship#

    (i) Only GATE / UGC-NET qualified scholars shall be considered for the award of the Institute fellowship.

    (ii) A Full-time research scholar may receive Institute scholarship for a maximum duration of FIVE years of the Ph.D. programme, subject to fulfilling the requirements of eligibility to the scholarship over the successive years of Ph.D. registration period.

    (iii) Initial award of the scholarship at the time of Provisional admission to Ph.D. program will continue for two years from the date of the issue of the scholarship subject to satisfactory performance in every semester. In addition to above, there shall be annual assessment of the performance of the Ph.D. research scholar for continuation of the scholarship on the basis of achievement of milestones in the Ph.D. research work as per table given in the next section.

    (iv) Criteria for continuing the Institute Fellowship:

        (a) Minimum requirements (Ph.D. Progress Stage)

Sr. No.	Period of Regn. (Years Completed)	Period of Scholarship /Fellowship	Min. Requirement
1.	02	3rd year	(i). Successful completion of Ph.D. Course work with min. 7.0/10.0 CGPA (ii) Successful completion of the comprehensive examination and approval of the research plan (iii) Acceptance/presentation of one research paper in national/International level conference OR 01 research paper out of the Ph.D. research wok accepted/published in SCI/SCIE/Scopus indexed non-paid journal
2.	03	4th year	01 research paper out of the Ph.D. research wok accepted/published in SCI/SCIE/Scopus indexed non-paid journal
3.	04	5th year	02 research papers accepted/ published in SCI/SCIE/Scopus indexed non-paid journal

Scholarships once discontinued will be restored as and when eligibility conditions (as above) are acquired. However, this will be effective from the 1st day of the next month.

        (b) Publications must be in the relevant area of research of the research scholar with affiliation to NIT Kurukshetra.

        #The scholars receiving scholarship from external Govt./Autonomous organizations shall be governed by the rule and regulations issued and amended by the respective Govt./Autonomous organizations.

    (v) No student can receive scholarship/ fellowship from more than one source.

R-4 RESERVATION/ RELAXATION

R-4.1 Reservation Norms

Reservation in full time/regular Ph.D. seats in various categories will be made as per the norms of the Government of India amended from time to time. Such reservations in various categories will be implemented in all departments/schools on a rotational basis.

R-4.2 Relaxation of Eligibility for SC, ST & OBC

For the SC / ST / PwD applicants, the eligibility requirement of marks/CGPA will be relaxed by 5%, or by a CGPA of 0.5 (on a 10-point scale) at both the Bachelor's and Master's level under R-3.1.

R-4.3 Exemption from written (entrance) Test

(a) Part-Time Ph.D. program:
Regular employees of R & D Org., National laboratories, public /private industry / PSUs / State Undertakings having an MoU with NIT Kurukshetra and with adequate research facilities possessing First Division or 6.5 CGPA on 10-point scale or equivalent at M.Tech. /PG level with minimum 5 years of relevant experience will be exempted from the written test

(b) Full-Time Ph.D. Program NET-JRF from UGC, CSIR etc. qualified candidates
However, they shall be required to appear before the DRC/SRC for interview/interaction and to be qualified as per the prescribed norms in terms of the eligibility conditions.

R-4.4: Ph.D. Coursework

The candidates admitted under R-4.3(a) may be allowed to undertake Ph.D. course work through regular/blended/Online/weekend classes/MOOCs (details as per annexure enclosed)

R-5 ADMISSION

(a) The applications for Ph.D. programs will be invited from Indian and foreign nationals in the prescribed format. The applications as received will be scrutinized by – the DRC/SRC of the concerned department. After scrutiny, a list of all eligible applicants will be uploaded on the institute website.
(b) All eligible applicants are to appear in two objective type written test comprising of two papers of PG level as mentioned below:
   - Paper I: Analytical Skills, Reasoning, Aptitude: Marks: 30; Duration: 30 min.
   - Paper II: Area of Research/ Specialization: Marks: 40; Duration: 40 min.

   Qualifying marks: 50 % of the total marks (35/70)

   Tests will be conducted by the respective departments/schools. Detailed guidelines for the conduct of tests (along with tests schedule) will be provided by the Dean (Academic).
(c) List of qualified candidates will be uploaded by the office of Dean (Acad) on the Institute website.
(d) All qualified candidates will be required to appear before the respective DRC/SRC for an interview comprising a brief power point presentation related to the respective research area.
(e) DRC/SRC will evaluate the candidates and marks will be awarded out of 30 considering all the three components comprising of presentation, interview performance, and academic achievements
   Qualifying marks: 50% (15/30)
(f) The respective DRC/SRC will prepare the merit list of qualified candidates based on the total score out of 100, and recommend the seat wise allocation along with the respective supervisor(s).
   Such allotment should take care of uniform distribution of full-time research scholars (including candidates from other departments) among all eligible supervisors.
(g) Qualified scholars working in the Govt./Industry sponsored project/fellowship are to be supervised by the coordinating faculty/ principal investigator, provided he/she is eligible to become supervisor.
(h) Having received the merit list as above, Dean (Acad) will issue the admission letters to recommended candidates for joining the programs.

R-6 REGISTRATION

R-6.1 Registration Process

A candidate is deemed to have been registered on completion of the admission process for the 1st semester of the program. Every research scholar is required to deposit the fees and renew the registration every semester till the submission of the thesis. The renewal of registration every semester shall be subject to the satisfactory progress in the preceding semester in his research work as recommended by the DRC/ SRC. If a scholar's progress is adjudged as unsatisfactory, the DRC/SRC may recommend provisional registration; however, such a chance can be allowed only once during the whole period.

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R-6.2 Time Period Requirement for Thesis Submission

(a) The minimum period of registration for thesis submission shall be three years and four years for the full-time scholar, and the part-time research scholar respectively.

(b) Registration of a candidate for the Ph. D. degree shall be effective, normally from the date of joining unless on account of unsatisfactory progress in work deferred for a later date and shall remain valid for a period of 5 years for full time and 6 years for part time before the expiry of which he/she will be required to submit the thesis. However, the research scholar may be considered for extension beyond this period for one year only if he/she has published / accepted at least one research paper out of his/her research work in non-paid peer reviewed SCI/SCIE/Scopus Journals.

Registration may be extended up to a maximum period of one year by the Dean (Acad) on the recommendation of DRC/SRC. After the expiry of the registration period (with/without extension), the registration shall stand cancelled automatically and the candidate may go for re-registration as per clause 6.3. In case the candidate does not opt for re-registration, the concerned dept. must recommend the cancelation of the registration to the dean academic for approval of the competent authority.

R-6.3 Re-Registration

(a) The research scholar will request the Chairman DRC/SRC with the recommendations of his/her supervisor (s) for re-registration within a period of 3 months of cancellation of his/her registration as per R-6.2. Supervisor/Supervisors will recommend re-registration only if the quantum of required work and publication requirements for submission of Ph.D. thesis can be completed within the next two years.

(b) The application of the research scholar will be forwarded/recommended through DRC/SRC and dean (Academic) to the Director and he may allow for re-registration to the scholar. If allowed, the research scholar will deposit a re-registration fee of Rs. 20,000/- (Rupees Twenty thousand only) and the date of submission of this fee will be considered as his/her date of re-registration. In addition to the registration fee, the normal semester fee of current semester will be payable, if not already paid. Semester fee for upcoming semesters will be payable as per rules.

(c) The previous results of his/her course work and comprehensive examinations, if any, will be valid and the research scholar need not repeat these steps again.

(d) The re-registration research scholar will not be permitted to submit his/her thesis before two years of his/her re-registration. The maximum period for a re-registered research scholar to submit his/her thesis will be five years, beyond which the re-registration will stand cancelled automatically and no further re-registration will be possible under any regulation/ordinance of the Ph.D. programme.

(e) The eligibility conditions (regarding publication requirements etc.) for submission of thesis shall remain same as applicable on him/her before the cancellation of his/her registration. For all other rules, the research scholar is to abide by regulations and amendments made in regulations from time to time.

R 6.4 TEMPORARY WITHDRAWAL

A student who has been admitted to Ph.D. program may be permitted to withdraw temporarily for a period of one semester from the Institute on account of prolonged illness/acute problem in the family provided:

(a) The student has applied to DRC/SRC for consideration and recommendation to the Dean(Acad)

(b) The Institute has to satisfy that, inclusive of the period of withdrawal, the student is likely to complete all the requirements for the degree within 5 years (full time) or 6 years (part time) of admission to the Program.

(c) There are no outstanding dues on behalf of the Institute/ Department/ Centre/ Hostel / Library etc. A student who has been granted temporary withdrawal for a complete semester need not be required to pay tuition fee for the leave period. A student shall be granted only one such temporary withdrawal during the program.

R-7 THESIS SUPERVISOR(s)

R-7.1 Allotment of Supervisor

Every registered research scholar shall be assigned a Ph.D. Thesis supervisor as approved by the DRC/ SRC of Department/School.

R-7.2 Eligibility for Supervisor and Co-supervisor

(a) Any regular faculty of the Institute with at least five research publications in refereed non-paid journals (SCI/SCIE/Scopus) can be appointed as Supervisor and with at least three research publications in refereed non-paid journals (SCI / SCIE / Scopus) can be appointed as Co-supervisor, only on recommendations of respective DRC / SRC of concerned Departments/DRC.

However, the regular faculty of the Institute having three research papers published/accepted in refereed non-paid journals (SCI / SCIE / Scopus) with at least one research paper published/ accepted post Ph.D. in non-paid SCI / SCIE journal may be appointed as Supervisor subject to the condition that he / she will be allotted **only one** candidate until he / she fulfils the requirement of minimum five research publications in refereed non-paid journals (SCI / SCIE / Scopus).

R-7.3 Maximum number of Co-supervisors

Depending on the problem statement of research work to be conducted, a research scholar may be assigned upto two supervisors, designated as supervisor and co-supervisor.

(a) If there is request from the candidate for allocation of co-supervisor, the justifications/ reasons must be recorded for the necessity of the same by the DRC/SRC before sending it for approval of the Competent Authority. Co-supervisor can be appointed only apriori to passing the comprehensive evaluation and approval of the research plan of the respective research scholar.

(b) Eligible faculty members, who are to retire within 4 years, can be appointed only as co-supervisors.

R-7.4 Appointment of Alternative Supervisor

Internal faculty member appointed as Ph.D. supervisor is normally expected to be available to the research scholar in the institute till the thesis is submitted.

In case, the supervisor proceeds on leave for a period of up to 12 months, he will continue to act as supervisor (main or co-supervisor). Otherwise, if not interested he/she informs in writing. Co-supervisor to be appointed in case he/she is sole supervisor.

In case sole supervisor moves on long leave (more than 12 months) to serve at a reputed Government laboratory / reputed research organization / reputed Institutes or Universities or industries in India, DRC/SRC will appoint co-supervisor with the consent of the candidate and the main supervisor. However, the status of main supervisor/co-supervisor will interchange, in case the main supervisor does not join the institute within 12 months.

In case of two internal supervisors, if one supervisor moves on long leave (more than 12 months) to serve at a reputed Government laboratory / reputed research organization / reputed Institutes or Universities or industries in India, he/she may be allowed to act as supervisor/co-supervisor. However, the status of main supervisor/co-supervisor will interchange, in case the main supervisor does not join the institute within 12 months.

In case the candidate has not submitted the thesis and sole supervisor resigns, retires or expires, an alternate supervisor may be appointed by the DRC/SRC after discussion with the candidate.

In case the candidate has submitted the thesis and sole supervisor resigns, retires, or expires an alternate supervisor may be appointed by the DRC/SRC as caretaker supervisor after discussion with the candidate. In case of major revision, the caretaker supervisor will provide the required help during that period and he will be automatically treated as main supervisor.

If there are two internal supervisors and one of them resigns, retires or expires, then automatically the other will be the main supervisor.

R-7.5 Maximum No of Research Scholars for Faculty

At no point of time, there shall be more than eight research scholars including scholars from outside NIT Kurukshetra being supervised by any faculty member. The faculty supervising research scholars

as Co-supervisor either as Internal or External will be counted as ½ (half) for the purpose of counting towards maximum limit for supervising Ph.D. research scholars.

This number excludes Ph. D. scholars who have submitted Ph. D. thesis. Faculty members are required to seek permission of the Dean (Acad) for supervising the scholars registered outside the Institute before giving their consent to the Institute/University for supervision of Ph.D. research scholars.

R-8 COURSES AND CREDITS

R 8.1 Coursework Credits and Performance
The Minimum Course Credit Requirement is 15. A research scholar will be required to complete the Course work with a minimum CGPA of 7.0 out of maximum 10.0. The research scholar can register for these courses with due approval of the respective research supervisor(s) only.

R 8.3 Mandatory Courses
The courses on i) **Research Methodology** (4 credits) and ii) **Research & Publication Ethics** (2 credits) will be compulsory for all research scholars.

R 8.4 Calculation of the CGPA in Coursework
The CGPA shall be computed on the basis of letter grades obtained in all courses including online courses.

R 8.5 Relaxation in Ph.D. Course Work
In case of part-time external candidates with at least 5 years of research experience in R & D Organisations/ National Laboratories/Government Organization, residential requirements may be waived with the approval of the senate. But it will be mandatory for such candidates to complete the course work for the prescribed number of credits in self-study mode, exercising all pedagogy components including assignments, examinations as prescribed for regular course at NIT, Kurukshetra. However, at least one seminar per semester before DRC is mandatory to review his/her progress.

These students will be allowed to do pre-approved certified MOOCs towards 15 credits with the approval of Senate. Examination will be conducted for such certified courses to award grades, by the department. They also need to pass the certified courses of i) **Research Methodology** and ii) **Research & Publication Ethics.**

R 8.6 Maximum Duration for Coursework
The coursework is required to be completed within 12 months of initial registration or start of the classes in the ensuing semester whichever is later. Maximum 6-month extension will be provided by the office of the Dean (Acad.) on recommendation of the respective DRC/SRC. The course work must be completed before the comprehensive examination.

R 8.7 Punitive Action on not passing Coursework in maximum time period
The research scholar is required to pass coursework within a maximum period of 24 months from initial date of registration or start of the 1st semester whichever is later, failing which his registration from PhD. programme will be cancelled automatically. The Academic section will issue office order in this regard.

R-9 EVALUATION OF COMPREHENSIVE EXAMINATION

R-9.1 Research Plan and Comprehensive Examination
Every research scholar is required to submit his research plan proposal. The research plan proposal should include a brief account of the related work already reported in the literature. In the plan, the research scholar should clearly spell out the investigation/work he/she intends to carry out and justify the need of the same. Subsequently, the research work should be carried out in accordance with the approved research plan. Any change in research plan can be indicated by a research scholar in semester progress reports.

The following procedure is followed for conducting the comprehensive evaluation of the Ph.D. research scholars.

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(a) Every research scholar is required to take a comprehensive examination, which will test his readiness in his/her broad field of research, and his/her academic preparation and potential to carry out the research. The comprehensive examination shall be based on a power point presentation before DRC/SRC.

(b) Every research scholar must pass the comprehensive examination within 12-18 months of his initial registration.

(c) The research scholar can apply for a comprehensive examination only after passing coursework requirements. He/she is required to apply at least one month in advance for a comprehensive examination through his/her supervisors. In case of any justified delay beyond the specified period, candidates may request to Dean (Academic) through DRC/SRC for an extension of comprehensive examination. Such extension may be allowed for a maximum period of six months only.

(d) Candidates should request at least one month in advance for a comprehensive presentation.

R-9.2 Improvement of Research Plan and Re-evaluation

In case the research plan is not approved by the DRC/ SRC, the research scholar will have to improve the research plan as per the suggestions of the DRC/ SRC and get it re-evaluated.

R-9.3 Punitive Action for not passing Comprehensive Examination

If due to compelling adverse circumstances (as considered so by the DRC/ SRC), a research scholar is not able to submit his/her research plan proposal and appear in the comprehensive examination as stipulated above, or he/she is not able to pass the comprehensive examination within 12-18 months' period, he/she, on his request, can be granted an extension of six months. During this semester, he/she can be registered provisionally only (the normal semester fees, however, will have to be paid), and minimum registration period requirement will automatically get extended by six months. Further, if he/she receives a scholarship, his scholarship for these six months will be stopped.

Only one such chance can be allowed to a scholar.

R-9.4 No of Attempts and Maximum Duration for Comprehensive Examination

A research scholar will be allowed a maximum of two attempts to pass the comprehensive evaluation upto 30 months of initial registration, failing which his/her registration will be cancelled. The Academic Section will issue office order in this regard.

R-10 PERFORMANCE MONITORING

R-10.1 Semester Progress Report

The academic/research progress of each research scholar will be monitored by the research supervisor. For this purpose, at the end of each semester, a research scholar is required to submit the semester progress report to his supervisor.
The progress report should cover:-
(i) summary of the work done before the start of the semester under consideration
(ii) the goals set for this semester,
(iii) the methodology used in achieving the goals, and
(iv) the extent of the fulfilment of the goal.
The supervisor shall record his\her comments and the result of his\her evaluation as satisfactory / unsatisfactory. After recording his evaluation result, the supervisor shall forward the progress report to Chairman, DRC/ SRC who will apprise the DRC/SRC of the same before forwarding it to Dean (Academic).
A part time research scholar must submit his/her progress report to his supervisor personally and make himself available for necessary discussions with the supervisor.
The scholars must submit their semester progress reports latest by Dec. 31st and June 30th every year in the office of the respective Departments/Schools. The progress report must have comments and signatures of the Supervisor/Co-supervisor(s).

R-10.2 Collection of Progress Report and Sending to Academic Section

The Chairman DRC/ SRC in the Department/School will coordinate, every semester, the collection of progress reports written and signed by the scholars and forwarded by the allotted supervisor(s). The Chairman DRC/SRC also ensures that the semester progress report of all the research scholars of his/her department must reach the office of the Dean (Academic) by 31st July/31st January every year. The Chairman DRC/SRC shall also intimate the office of the Dean (Academic) about those research scholars who fails to submit their semester progress report every semester.

R-10.3 Provisional Registration & Discontinuation of Scholarship

If due to compelling adverse circumstances (as considered so by the DRC/ SRC), a research scholar is not able to submit his/her progress report by the stipulated date, or the progress of a research scholar is adjudged by the DRC/ SRC as unsatisfactory, he/she, on his/her request, can be allowed an additional chance for the same. He/she will improve his/her work and submit the report again before the last day of the following semester (after six months). During this semester, he/she can be registered provisionally only (the normal semester fees, however, will have to be paid), and the minimum registration period requirement will automatically get extended by six months. Further, if he/she receives a scholarship, his/her scholarship for these six months will be stopped.

R 10.4 Unsatisfactory Progress of the PhD. Programme
Only one such chance can be allowed to a research scholar during his entire Ph. D. program. If, even on having been granted extension, he/she does not submit the progress report within the stipulated time or on resubmission also, the progress is adjudged as unsatisfactory by the research supervisor, his/her registration shall stand cancelled automatically and he/she shall cease to be a research scholar of the Institute. The Academic Section will issue office order in this regard

R-10.5 Reporting of Punitive Action

The cases where some punitive action is taken will be reported to the Director by the DRC/SRC through the office of the Dean (Acad.)

R-12 SEMINAR/ SYNOPSIS/ PANEL OF EXAMINERS

R-12.1 Pre-synopsis Seminar

(a) A research scholar will be allowed to deliver his /her pre-synopsis seminar only after getting at least a CGPA of 7.0/10.0 in coursework and after publishing /getting acceptance of at least two research papers out of his research work in non-paid SCI/SCIE/Scopus indexed Journals. On a research scholar's request for pre -synopsis seminar, DRC/ SRC shall check the journal publications of the research scholar and if found satisfactory, he will be allowed to deliver the pre-synopsis seminar. An expert from a panel of six experts and working in the related research area will also be invited to attend the pre-submission seminar along with DRC/ SRC. The candidate should give a request through proper channels at least one month in advance for pre-submission presentation.
(b) The schedule of the pre-synopsis seminar shall be notified well in advance, at least three days in advance, making it convenient for the interested to attend it.

R-12.2 Synopsis

The research scholar will submit the synopsis only after the "Research Supervisor's and DRC/ SRC" satisfaction on the quality of the work. The synopsis should precisely reflect all aspects of the research work to be included in the thesis.
(a) The scholars shall submit two hard copies and a soft copy of the synopsis in the same format as specified for the thesis to the Chairman, DRC/ SRC. The DRC/ SRC will examine the synopsis, and the Chairman DRC/ SRC shall forward the synopsis with its recommendations to the Dean (Academic) along with all prescribed documents.
(b) The synopsis should be submitted normally within 2 months after the presentation of the pre-synopsis seminar. In case the synopsis is not submitted in the specified period, the research scholar

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may be asked to present another pre-synopsis seminar.

(c) The research scholar can submit his thesis after a gap of at least one month after submission of the synopsis. However, under exceptional cases it can be relaxed on the recommendations of DRC/SRC.

(d) The research scholar shall be required to submit a fresh synopsis if he fails to submit his thesis within 8 months of the submission of the earlier synopsis. However, in case a research scholar fails to submit his thesis within the stipulated time and has suitable justification for the same, the Director may on recommendations of the DRC/SRC and on individual merits of each case grant him/her extension in time of not more than two months, i.e., the research scholar may be allowed to submit his thesis within a period not exceeding 10 months from the date of the submission of the synopsis. However, the thesis should be submitted within the prescribed time limit as per regulations.

R-12.3 Panel of Examiners

A panel of at least ten external experts, including foreign experts, and the authors of the recent papers in the references cited by the research scholar in the area of his/her Ph.D. work would be suggested to the DRC/ SRC by the Supervisor. The DRC/ SRC will consider the suggested panel and will finally recommend it to the office of Dean (Academic). The panel of ten external examiners, should include five Professors/Associate Professors in Academic Institutes or equivalent from outside India (preferably from developed countries) and remaining five with same cadre from India, preferably from IITs/NITs/IISc. The recommended panel will be considered and approved/modified by the Director.

R-13 BOARD OF EXAMINERS

On receipt of the title and synopsis of the thesis, the Director will appoint a Board of Examiners for each candidate from the list approved by the DRC/ SRC. The Board of examiners will consist of two external examiners, one out of which would be from within India, and the other from abroad. These external examiners shall be chosen normally from the panel of examiners recommended by the DRC/ SRC as aforesaid. A person working in the same organization(s) / institute(s) where the research scholar is employed cannot, however, be appointed as External Examiner for that research scholar.

R-14 THESIS SUBMISSION

R-14.1 Thesis Preparation Guidelines

The research scholar will submit a soft copy of the thesis in PDF format on CD, and two unbound copies with soft covers, typed in English, one and a half spaced, printed in Times New Roman 12 pt. or Arial 11 pt. on both sides of A-4 size papers. The margins on the right page shall be 1.25" –left, 1" –right, 1" –top and 1" –bottom and the margins on the left page shall be 1.25" –right, 1" –left, 1" –top and 1" –bottom. The thesis shall be submitted along with the examination fee and all prescribed documents.

R-14.2 Paper Publication Requirement and Innovative Work in Thesis
The thesis shall contain a critical account of the research carried out by the scholar. It should be characterized by discovery of facts or fresh approach towards interpretation of facts and theories or significant contribution to knowledge or development or a combination of these. It should bear evidence of the scholar's capacity for analysis and judgement as well as ability to carry out independent investigation, design or development.

No part of the thesis or supplementary published work should have been submitted for the award of any other degree or diploma.

A research scholar can submit his/her thesis only on having published / acceptance of at least two research papers out of his Ph.D. research work in non-paid peer reviewed SCI/SCIE/Scopus Journals. Thesis should be submitted along with plagiarism report as per the parameters decided by the Institute from time to time.

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R-14.3 Time Period Requirement for Submission of Thesis

A candidate can submit his thesis within the time period as stipulated in regulations provided that he/she has completed the minimum period of registration.

R-15 THESIS EVALUATION

All correspondence/ notifications in regard to thesis evaluation and viva-voce examination of the research scholar; except where stated otherwise, shall be done by the office of the Dean (Academic). Except for the correspondence with the candidate or general circulars/ notifications, the correspondence shall be confidential.

R-15.1 Assessment Report and Recommendations

Each examiner will be requested to submit a detailed assessment report and his recommendation within six weeks of the date of receiving the thesis.

i) The examiners will examine the thesis individually with a view to judge whether the thesis is a piece of research work characterized by:

    a) The discovery of facts, or
    b) A fresh approach towards interpretation and application of facts or theories, or
    c) A distinct advancement in technology.

ii) Each examiner will give his/her opinion about the candidate's capacity for critical examination and sound judgement. The examiner will submit the report on the prescribed form supplied by him clearly recommending that:

    a) The thesis is accepted as it is for the award of the Ph.D. degree.
    b) Thesis is accepted with minor revisions to be incorporated in the thesis and are to be verified at the time of Viva-Voce examination by the Examination Committee.
    c) The candidate be asked to resubmit his thesis in the revised form.
    d) The thesis be rejected.

R-15.2 Appointment of Alternate Examiner

In the event of the thesis report not being received from an examiner within a period of three months from the date of dispatch, the Director may approve an alternate examiner in his place for evaluating the thesis from the approved list of examiners. Before corresponding with the alternate examiner, the original examiner must be informed of the cancellation of this appointment, stating the reason therein.

R-15.3 Examiner Evaluation and Recommendations

(a) If both the examiners recommend acceptance / rejection; the thesis be accepted / rejected respectively.

(b) If one examiner recommends acceptance and other rejection, the thesis will be sent to the third examiner. If the third examiner recommends acceptance / rejection, the thesis will be accepted / rejected respectively. If he recommends revision, the research scholar shall resubmit the revised thesis. The revised thesis will be sent to the same examiner who has recommended revision of the thesis. Only if at least two examiners recommend the acceptance, the thesis will be accepted, else rejected.

(c) If one examiner recommends acceptance and other recommends major revision, the research scholar shall resubmit the revised thesis. The revised thesis will be sent to the same examiner who has recommended revision of the thesis.

(d) If both the examiners recommend major revision, then a third examiner will be appointed and the revised thesis will be sent to all three examiners. If at least two examiners recommend acceptance, the thesis will be accepted, else **rejected.**

(e) In all other cases the thesis will be considered as rejected.

    Any doubt arising out of the procedure laid down above shall be referred to the Director for consideration.

R-16 RESUBMISSION OF THESIS

When a thesis is to be revised and resubmitted, the research scholar should be informed about the comments of the examiners. The revised thesis is to be submitted within one year through DRC/SRC of the respective Department/School.

The revised version of the thesis will be sent to the same examiner who has recommended revision of the thesis for his/her fresh recommendations.

R-17 VIVA-VOCE EXAMINATION

R-17.1 Permission for Viva-Voce Examination

On receipt of the thesis examination reports from the examiners, these are to be put up to the Director for decision. The Director, on the basis of the reports will decide whether the candidate should be allowed to appear in the viva-voce examination or not. The Director's decision on the thesis reports shall be communicated to the Chairman of the concerned DRC/SRC. The Chairman DRC/ SRC will form the Examination Committee for the viva-voce examination. The viva-voce examination shall be open to be attended by Members of the Department Research Committee, all faculty members of the Department, other research scholars and other interested experts/researchers of the institute.

In addition, the viva-voce examination can also be conducted on Skype or similar online tools after seeking prior approval of the Director.

R-17.2 Open Defence of Viva-Voce Examination

On having been allowed to appear in the viva-voce examination, the research scholar is to defend his thesis orally before the Examination Committee comprising the supervisor, one DRC/ SRC nominee and one Indian external examiner. The Chairman DRC/ SRC will coordinate with all the examiners and the research scholar and will fix a date for holding the viva-voce examination. The questions / queries communicated by the thesis examiners in their reports shall be intimated to the candidate through his supervisor at least one week before the date of conduct of the viva -voce examination. The schedule of the viva-voce examination shall be adequately notified so as to enable interested staff members and students to attend it.

A notice in respect of the Viva-Voce examination will be issued at least one week in advance and the same may be uploaded on the Institute website for wide publicity. The notice will also be circulated among all the Departments/Schools. The research scholar will publicly defend his/her Viva Voce Exam.

R-17.3 Appointment of Alternate Examiner for Viva-Voce Examinations

In case of non-availability of the Indian external examiner for conducting the viva-voce examination, the Director may appoint an alternate examiner to conduct the viva-voce examination from the existing panel. If the need be, the DRC/ SRC may suggest a fresh panel of examiners.

R-17.4 Viva-Voce Examination Process

(i)   The viva-voce examiner shall be provided with the reports of the thesis examiners before the viva-voce examination.

(ii) The Ph.D. thesis supervisor shall assist the Chairman DRC/SRC in arranging the viva-voce examination of the candidate as early as possible.

(iii) In case of the inability of the research supervisor to have the viva-voce examination conducted due to any reason whatsoever, the Director may appoint another examiner, in place of research supervisor, to conduct the viva-voce examination, from amongst the faculty of the department concerned who belongs to the particular field in consultation with Chairman DRC/ SRC. In such cases also, the Ph.D. work will be deemed to have been carried out under the guidance of the supervisor (s) only.

(iv) After the viva-voce examination, the examiners will prepare a detailed joint report giving one of the following three recommendations.

   (a)   recommended for the award of the degree

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(b) The thesis be resubmitted after a minimum period of six months incorporating the suggestions of the examiners.

(c) not recommended for the award of the degree

The report shall be sent by the Chairman DRC/ SRC in a confidential cover to the Dean (Acad).

(v) Any other matter not explicitly provided herein or of an exceptional nature, may be referred to the Director for his decision.

R-18 AWARD OF THE Ph.D. DEGREE

R-18.1 Doctoral Committee

On the completion of all stages of the examination, a Doctoral Committee consisting of the Director, the Dean (Academic) and the Chairman of the DRC/ SRC concerned shall examine the reports of all the examiners (thesis and viva-voce) and decide as under: -

(a) that the degree be awarded;

(b) that the degree shall not be awarded.

      i) The thesis is to be resubmitted.

      ii) The thesis is rejected on the conclusion that the thesis is not genuinely the work of the candidate.

For (b) (i) above, the Committee, if required, shall provide to the candidate a list of all corrections and modifications to be made in the thesis, including suggestions made by the examiners during the thesis evaluation, and the result of the candidate will be declared after the candidate submits two copies of the corrected thesis certified by the internal examiner that the necessary corrections and modifications have been made.

R-19 INSTITUTE SCHOLARSHIP/FELLOWSHIP

R-19.1 Award of Scholarship/Fellowship & Contingency Grant

Those candidates who are admitted on full-time basis are considered on request, for the award of Institute scholarship of the amount as decided by the Board of Governors and directed by the Government of India from time to time. The research scholar must submit a certificate to the effect that he is not in receipt of any financial aid from any other source for pursuing the Ph.D. research work. The scholars getting Institute scholarships are required to provide 8 hrs of work per week as directed by the Head of the Department/ Director.

The scholars receiving fellowship amount will be designated as Junior Research Fellow (JRF) as per the directions of the Ministry of Education (MoE) which is subject to change on directions of the competent authority from time to time.

In addition, the scholars will be provided a contingency grant in accordance with the rules of the Institute. It is to be noted that admission to the programs and award of scholarship are not linked. Admission to a program does not guarantee the award of scholarship.

R-19.2 Tenure of Scholarship/Fellowship & Award of SRF

The scholarship/fellowship for the tenure of initial two years from the date of joining the respective Department / School is equivalent to JRF. The elevation to SRF after two years will be conducted as follows:

The chairman of DRC/SRC will propose an External Review Committee (ERC) in consultation with the respective supervisor(s), to Dean (R&C) for securing approval of the Director, comprising of the following:

1) Chairman DRC/SRC or his/her nominee

2) One external subject expert from outside the Institute preferably from NITs/IITs

3) Supervisor/Co-supervisor of the research scholar as Member Secretary

An honorarium of Rs. 5000/- will be paid to the external subject expert along with TA/DA. However, he/she may join the meeting through online mode.

The ERC will judge research work of the research scholar and submit a report. If the research work is found satisfactory, his/her tenure of the scholarship/fellowship will be extended for a further period of 3 years under the enhanced emoluments under Senior Research Fellowship (SRF) scheme. The research scholar will be redesignated as SRF.

In case the work for the two years is not found satisfactory, the research scholar will get scholarship/fellowship under JRF scheme for the remaining three years' subject to satisfactory performance in the progress reports.

Thus, the total period of fellowship (JRF and SRF) is five years and there is no further provision of extension in this regard.

R 19-4 Duties of Research Scholar Receiving Scholarship/Fellowship

The research scholar with the consent of the head of department will assist in the academic work including conduct of tutorial classes and lab work for 8-hour/week.

R-20 LEAVE AND ATTENDANCE

All full-time research scholars (with or without scholarship) are required to mark their daily attendance in the attendance register maintained by the Deptt. The Chairman DRC/ SRC shall also maintain a proper leave account of each such scholar. The leave of a research scholar should be recommended by his Supervisor and shall be sanctioned by the Chairman DRC/ SRC.

A full-time research scholar is entitled to avail leave as per Leave and Attendance Rules formulated and amended from time to time by the Senate. Presently these are as under:

(i) A full-time Ph.D. research scholar may avail 8 casual leaves and 2 leaves in lieu of RH. The research scholar will not be entitled to mid-semester breaks/vacations, summer and winter vacation. Any absence from the institute without sanctioned leave may lead to loss of fellowship for the period of absence.

(ii) A full time Ph.D. research scholar may be allowed to proceed on long duty leave (maximum up to one year) to some organization if required for research progress. However, it should be with the due approval of competent authority.

(iii) A full time Ph.D. research scholar may avail the duty leave for attending one conference/workshop/academic event per semester.

(iv) A full time Ph.D. research scholar may be allowed to avail the duty leave for attending more than one conference/workshop/academic event per semester from the Dean(Academic).

(v) A full time Ph.D. research scholar may be allowed to avail the duty leave for attending one conference/workshop/academic event per semester from reputed University/Institutions of developed countries by the Director only in deserving cases only. The DRC/SRC will recommend such a proposal and forward the same to the office of the Dean (Academic) for taking approval from the Director.

(vi) Maximum non-commuting 10 Medical leave per year as approved by the Senate will be provided to the research scholars on medical grounds on the recommendations of the SMO/MO of the Institute Health Centre.

(vii) The women research scholar will be eligible for Maternity Leave as per MOE rules. The minimum and maximum registration period will be extended by the leave period only subject to a maximum of six months. However, the Institute Fellowship may be given for a maximum period of Five years only, subject to fulfilment of Ph.D. Ordinance, from the date of initial registration.

(viii) Any additional leave of any kind can be permitted to the research scholars by the office of the Dean(Acad), if there is provision in the OM issued by the Ministry of Education, Govt. of India.

R-21 CANCELLATION OF REGISTRATION

Registration of a candidate can be cancelled in any one of the following eventualities, with due approval of the Director.

(i) If a full-time research scholar absents himself/ herself for a continuous period of four weeks without prior intimation/ sanction of leave.

(ii) If a research scholar resigns from the Ph.D. program.

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(iii) If a research scholar fails to renew his registration within the registration period as notified from time to time.

(iv) If a research scholar does not submit his semester progress report by the stipulated date or his academic progress is found unsatisfactory.

(v) If a research scholar does not clear the comprehensive evaluation as stipulated.

(vi) If a research scholar is found involved in an act of misconduct and/ or indiscipline and a competent authority has recommended termination. For all purposes, the conduct/ discipline rules applicable to B.Tech. / M.Tech. Students of the Institute shall apply to Ph.D. research scholars also.

(vii) If at any stage, information furnished by the research scholar in his application is found false or incorrect.

R-22 GENERAL

R-22.1 Authority of Senate and Recommendation to the Senate
The Director as the Chairman, Senate will interpret the difficulties of the above regulations and the same will be Notwithstanding anything contained in these Ordinances & Regulations, all categories shall be governed by the rules and procedures framed by the Senate, and in force from time to time.

R-22.2 Doubt and Disputes of Regulations
Any doubt or dispute about the interpretation of these Ordinances and Regulations shall be referred to the Director whose decision shall be final.

R-22.3 Amendments in the Regulations by Senate
Eligibility for admission to Ph.D. programs in different disciplines may, from time to time, be reviewed, approved by the Senate, and implemented

R-22.4 Resolution of the Difficulties by Director binding on all the stakeholders
The Director as the Chairman, Senate may refer the issue to the Senate for interpretation of the Regulations, if he/she deems it necessary.

O-04 EXCEPTIONS AND ISSUES

(i) All issues which need further interpretation or not covered under regulations defined will be considered by the Director on the recommendation of the following committee.

(1) Dean (Academic)	Chairman
(2) Dean (R&C)	Member
(3) Head/Coordinator of the concerned department/School	Member
(4) Ph.D. supervisor concerned	Member

(ii) Recommendations of the committee will be placed before the Director for consideration and approval.

(iii) All such approvals will be reported to the Senate for ratification and inclusion of the same in the Ph.D. regulations.

.....

S 47.05   **To consider the proposal for enhancement of fine on the students for late registration to be effective from the odd semester registrations of AY 2022-23 onwards.**

In Academic Calendar, the registration period for the next semester is mentioned without late fee and with late fee of Rs. 500/-. However, it is observed that many students are not registering in time. To encourage the students for timely registration, it is proposed that the fine may be enhanced as per the table given below:

Sr.No.	Registration period	Fine to be charged from the student
1.	Upto one week after the last date of registration as notified in the Academic Calendar	Rs. 1000/-
2.	2 to 5 weeks after the last date of registration as notified in the Academic Calendar	Rs. 2000/-
3.	Beyond 5 weeks after the last date of registration as notified in the Academic Calendar	Rs. 5,000/-

However, in case of genuine reason for the delay, the Director on recommendations of the Dean (SW) may exempt the fine to the extent as deemed appropriate, if requested by the student.

If approved, the change will be effected in the Academic Calendars for AY 2022-23.

The Senate may consider and decide.

S 47.06   **To consider the requests of B.Tech. students with a gap of more than two complete semesters to continue their further study.**

Mr. Hemant Jain, Roll No. 11915058, B.Tech. student of ECE requested to the office of Dean (Acad.) on 14.9.2021 to continue his study from 2nd semester onward as he was absent from the Institute after his 1st semester exam. i.e. Nov./Dec. 2019 due to critical medical situation of his mother and being the only child of his parents and his father is also no more with them. He has submitted medical documents of his mother for the said absence period.

As per office record available in Academic Section, he did not register from 2nd semester onwards and remained on unauthorized absence since somewhere after start of 2nd semester. Later his name was removed from the Institute roll sheet due to unauthorized absence of more than one year.

Similarly, Mr. Shaurya Pratap, Roll No. 11914142, B.Tech. student of Electrical Engg. completed his 3rd semester and in 4th semester he joined the National Defence Academy. Now, due to health issue, he discontinued his military training. He has requested to the office of Dean (Acad.) for permission to continue his study from 5th semester onwards.

As per clause 5.1 of Academic Regulations for UG programmes, the total period of absence cannot exceed two semesters during student's stay in the institute. In case of above students, the period of absence is more than two complete semesters on the date of their applications. However, the clause 5.2 of Academic Regulations, which is reproduced below, has provision for consideration of such requests by the Senate:

> *"5.2 Notwithstanding the above, the Senate may at its discretion, on appeal, relax any of the conditions of the clause 5. Its decision Shall be final and binding."*

The relevant documents are attached as Annexure S 46.06 from pages __81__ to __88__ .

In view of above, the Senate may consider and decide.

Mr. **Hemant Jain** S/o Sh. Sanjay Jain Roll No. **11915058** a student of **Electronics & Communication Engineering** B. Tech. Program requested on 14.09.2021 to study 2nd semester onward as he was absent from the Institute after his 1st semester examination i.e. **Nov/Dec 2019** due to critical medical situation of his mother and he is the only child of his parents as his father is no more with them. He has submitted medical documents of his mother for the said absence period.

As per office record available in Academic Section, he did not register in 2nd semester onwards and remained on unauthorized absence since somewhere after start of 2nd semester. Later his name was removed from the Institute roll sheet due to unauthorized absence of more than one year.

As per **Clause 5.1** of Academic Regulations for UG Programs, the total period of authorized/unauthorized absence cannot exceed two semesters during student's stay in the Institute.

There is no rule for allowing the students for continuation of their study after their gap of more than two semesters. In case of Mr. Hemant Jain, his period of unauthorized absence is more than two complete semesters on the date of his application.

However, the **Clause 5.2** of Academic Regulations for UG Programs which is reproduced below, has provision for consideration of his request by the Senate.

> *"5.2 Notwithstanding the above the Senate may at its discretion, on appeal, relax any of the conditions of the Clause 5. Its decision shall be final and binding."*

In view of above, it is proposed that his case may be referred to the Senate in next meeting for consideration and decision. If approved by the Senate, he may be allowed to continue his study in B. Tech. Program with B. Tech. 2022 batch.

Submitted for kind information and approval please.

Supdt. SG-II (Academic)

DR (Academic)

Prof. I/C (Academic)

Dean (Academic)

Registrar in-Charge

Director & Chairman Senate

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professional course(s). This concession of additional semester(s) for improvement will be counted within maximum duration permissible for the programme.

Note :

The Percentage of marks obtained by a student if so required, can be calculated as =CGPA multiplied by 9:00.

4.3   At the end of each semester (i.e. after End Semester Examination), students will be supplied a Grade Card indicating the Grades secured in each course and up to date CGPA.

4.4   A Student is deemed to have completed the requirements for graduation and is eligible for the award of degree if :

(a)   he/she has satisfied all the academic requirements as per the regulations.

(b)   he/she has paid all fees due from him/her.

(c)   there is no case of indiscipline pending against him/her.

Absence/Dropping of Semester

5.1   If a student absents form the Insitute with due permission of the Dean Academic due to illness, he/she will be permitted to rejoin provided the period of absence does not exceed one semester. If the period of absence is more than one semester or the absence is for reasons other than illness, the case will be referred to the Director by Dean Academic with his/her recommendations.

The student will, however, be charged the prescribed fee even for the period of absence.

In no case, the total period of absence shall exceed two semester during student's stay in the Insitute. In that eventuality, the student's name shall be struck off from the rolls of the Institute.

5.2   Notwithstanding the above the Senate may at its discretion, on appeal, relax any of the conditions of Clause 5. Its decision shall be final and binding.

Re-admission/Duration

6.1   In case a student absents from the Insitute without prior permission, he/she may be permitted to join back with the permission of the Director on

No. Acad/RMNU/04/21/5857

14/09/2021

To

The Dean(Academic)

NIT Kurukshetra

Haryana

Date: 14-09-2021

Subject: Application for Re-admission.

By the means of this application, I want to say that I was a student of 2019 batch, ECE branch but I had to leave college after 1st semester because in November 2019, my mother during her regular medical checkup got to know that she had brain tumor along with 1st stage cancer. My relatives took her to the hospital. I had to go there with my cousin since I'm the only child of my parents. Also since my father isn't with us anymore, I had to quit college to take care of her. I was with my mom at home and after that covid started which indirectly hit us financially. I could not send an application mentioning the reason. Eventhen, I owe this negligence.

Now my mom is completely fine by the grace of God. I would to continue my studies.

So, kindly re-admit me to the college from 1st semester (if possible).

Thanking You.

Pending at student end

Yours Obediently.

Hemant Jain,

11915058

ECE Branch

Mob: 8295177901

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Patho Care & Research Centre

Path No.: 3082/19

S.No: 2025/19

Name: Vimla   Age: 45 yrs   Sex: F
Address: SMS
Tel.no./email ID
Referred by: Dr.

Specimen received on: 15/12/19   Specimen reported on: 30/12/19

Specimen: Markers put on block no. 3082/19.

FINAL REPORT Test report status
Microscopic: Morphology is of diffuse astrocytoma WHO-grade-II.

MARKERS
GFAP and IDH-1 are positive in the tumor cells.
ATRX is lost.
P53 is approximately 10-15%.
KI 67 / MIB is approximately 2-4%.

IMPRESSION: Immunomarkers are of diffuse astrocytoma WHO-grade-II.

COMMENT: Further evaluation by molecular and cytogenetic study is suggested.

IHC carried out on Formalin fixed Paraffin embedded section.
Negative control slide does not show any staining.
Detection system used is : HRP POLYMER
The antibody and their clones are Biologicals and known.

Pathologist

(Dr Shashi Singhvi)
MD Path & Micro, LLB.
Ex-Vice-Chancellor RUHS.
Ex-HOD Path, SMS Med.College

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Patient Name	Bimla Jain	Patient ID	162697700
Age	40 Yrs	Date	05-Nov-2024
Gender	Female	Ref. Doctor	SOS

MRI BRAIN WITH CONTRAST

Follow up post operative case of right frontocaudate astrocytoma with right frontoparietal craniotomy.

Findings:-

Small foci of altered signal intensity, hyperintense on T2W and FLAIR and hypointense on T1W images noted in right frontal lobe in parasagittal location extending in periventricular region; few hypointense foci on FLAIR are noted within the lesion; no obvious enhancement is noted on post contrast scan - ? post-op changes with gliotic foci ? cause.

Extra axial spaces are mildly prominent with dilatation of bilateral lateral and third ventricles – suggestive of diffuse age related cerebral atrophy.

Few small hyperintense foci on T2W and FLAIR are noted in left corona radiata - ? old lacunar infarcts.

Otherwise cerebral parenchyma appears to be normal.
No midline shift is seen.
Corpus Callosum is normal.
Sella and parasellar regions do not reveal any significant abnormality.
Cerebellum and brainstem are unremarkable.
Cerebellar tonsils are normal in location.

Dr. Rajni Somani, M.D.
Rmc: 007217
Consultant Radiologist

DISCHARGE TICKET
SMS MEDICAL COLLEGE AND HOSPITAL
SAWAI MAN SINGH ROAD, JAIPUR –
Department of Neuro-Surgery
Unit Head : Dr. ASHOK GUPTA (Unit 5)
Unit Doctors

S No.	Doctor Name	Designation	S No	Doctor Name	Designation
(1)	Dr. Ashok Gupta	Sr.Professor	(2)	Dr. Arvind Sharma	Asstt. Professor
			(3)	Dr. MukeshBhaskar	Asstt. Professor

PATIENT DETAILS

Name :	VIMLA	C R No :	10115776552110	Sex / Age :	FEMALE/45 Yrs
Dept. :	Neuro Surgery	M R D No :	10119205220	Adm. Date:	02-DEC-2019 04:51 PM
Unit :	Unit 5	Category :	PAID (A F S)	Dis. Date:	21-DEC-2019 09:12 AM
Ward :	BMRC2	Dis. Type:	relieved	Print Date :	21-DEC-2019 09:12 AM

CASE SUMMARY / DIAGNOSIS

Diagnosis :   RIGHT FRONTO-PARIETAL SOL

Chief Complaints : THE PATIENT PRESENTED WITH
HEADACHE,SEIZURES AND INTERMITTENT LOSS OF
CONSCIOUSNESS SINCE 3 MONTHS ,NO H/O
WEAKNESS ,NO H/O TRAUMA

GENERAL PHYSICAL EXAMINATION

Blood Pressure : 120/70 MM HG

P R :   86/MIN

Temp.:   AFEBRILE

SYSTEMIC EXAMINATION

Any Other Description : PT CONSCIOUS,SPONTANEOUS EYE OPENING,
OBEYING COMMAND, TELLING NAME, PUPIL
BILATERAL 3MM REACTIVE TO LIGHT
CRANIAL NERVES ALL GROSSLY NORMAL

INVESTIGATION DETAILS

INDOWESTERN BRAIN & SPINE HOSPITAL

DR. KAMAL GOYAL
MS, FRCS Gen Surgery (UK)
FRCS Neurosurgery (Glasgow, UK)
EEN Neurosurgery (UK)
CONSULTANT NEUROSURGEON

Near New Vidhan Sabha, Lal Kothi, Jaipur-302015 Ph.: 0141-2744441 - 42

HR No	1906719	
OPD No	1910146	02-Dec-18
Name	Mrs VIMLA JAIN	
W/o	SANJAY JAIN	
Age / Sex	46Y / Female	
Address	ASSAM	
Mobile	9991000563	

B.P. 117/78 mm Hg
PULSE: 92
SPO₂ 99%
WEIGHT 66 kg.

Sodium valfate

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To

The Director
National Institute of Technology
Kurukshetra.

Date : 17 June 2022

Subject : Regarding continuation of missed Semesters

Respected Sir,

I SHAURYA PRATAP, 11914142 am a student of B.Tech electrical engineering 2019-23 batch. I have completed my 3 semesters here with CGPA 9.7. In my 4th semester, I got recommended for Naval officer and joined the National Defence Academy. Now due to Health issues, I have to discontinue military training. I had attended half of 4th semester but am detained in one practical subject which I'll clear.

I want to join and repeat my 5th semester in academic year 2022-23 starting in July 2022. I'll clear my re-appear exams in respective subsequent semesters. I humbly request you to allow me the same. I would be highly grateful you.

Yours Sincerly
SHAURYA PRATAP
1914142
B.Tech Electrical Engineering
shaurya111.at@gmail.com
7170413633

Shaurya
17/6/22

22/6/22

DR (A tcal)

23/6/22
Supdt (Acad) | DG-II

22/06/22

The semester fee of concerned student received upto 3rd Semester

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S 47.07   **To consider the proposal for conduct of M.Tech thesis Viva voce examination in online mode as well.**

As per the decision in the 46th Senate meeting vide item no. S 46.11, the evaluation process for M.Tech. Dissertation/internship/Project work from even semester of AY 2021-22 onwards will be carried out as per guidelines notified vide no. Acad./2019/1238 dated 21.11.2019 and again vide letter no. Acad./2022/581 dated 19.4.2022.

However, office of Dean (Acad.) has received a letter no. EED/2022/1210 dt. 1.7.2022 from HoD, Elect. Engg. requesting to allow conduct of M.Tech. thesis viva examination in online mode. The justification given for the same is that many of M.Tech. students have left the Institution after submission of the M.Tech. dissertation to join the job or the higher studies in India and Abroad and the External Examiners for the thesis evaluation may also be interested to conduct the M.Tech. viva voce examination in online mode. This may also facilitate timely conduct of the M.Tech. dissertation viva voce examination.

It is pertinent to mention here that the Senate in its 31st meeting held on 30.10.2017 vide agenda item no. S 31.17 has approved the conduct of Ph.D. viva voce examination in online mode with the approval of Competent Authority.

In view of above, it is proposed that the conduct of M.Tech. dissertation viva-voce examination may be allowed in online mode as well following the same constitution of Committee, evaluation criteria, and guidelines notified vide no. Acad./2019/1238 dated 21.11.2019 and again vide letter no. Acad./2022/581 dated 19.4.2022. It is also proposed that the HoD/School Coordinator of the respective department/school may be authorized to accord permission for the same.

The relevant documents are attached as Annexure S 47.07 from pages _90_ to _95_.

The Senate may consider and decide.

DEPARTMENT OF ELECTRICAL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

No. EED/2022/ 1211   Dated: 01.07.2022

Sub: Request to allow conduct of M. thesis Viva examination in online mode

It is to inform that many students have left the Institution after submission of the M. Tech dissertation to join the job or the higher studies in India and Abroad.

Many of the students have requested Head of the Department to allow them appearing in online mode for their M. Tech dissertation viva examination so that they can obtain the Provisional degree certificate timely to join jobs and higher studies.
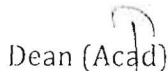
External Examiners recommended by the DAC for the thesis evaluation may also be interested to conduct the M. Tech viva voce examination in online mode.

It is therefore requested, to allow the conduct of M. Tech viva voce examination in online mode. This will also help the candidate to get provisional degree certificate timely to join their jobs and also the higher studies.

(Ashwani Kumar) 01-07-2022

Head of the Department

Dean (Acad)

DR (Acad)

to pl. discuss

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NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA -136119

No. Acad /2022/581   19 April, 2022

EXAMINATION NOTIFICATION FOR EVEN SEMESTER OF AY 2021-22
(M.Tech 4th Semester)

The students of M.Tech 4th semester were allowed in the institute for their dissertation work from 12.02.2022 onwards as per guidelines issued by the Govt. of Haryana on account of COVID-19.

The Senate in its 36th Meeting held on 21.09.2019 vide item no. S36.08 approved the M.Tech Internship guidelines and evaluation criterion for M.Tech Thesis/ Project work/ Internship for new M.Tech scheme. The Senate decided that the guidelines will be applicable to the M.Tech Students admitted in AY 2019-20 onwards. The decision of the Senate was notified vide no Acad./2019/1238 dated 21 11.2019 (copy attached).

The above guidelines were deferred for AY 2021-22 vide letter no. Acad./21/503 dated 23.04.2021 due to prevailing conditions of 2nd wave of COVID-19. The Senate in its 45th Meeting held on 10.12.2021 vide item no. S45.06 decided that examination of terminal semester of M.Tech and MCA students be conducted as per guidelines approved for AY 2020-21 which was notified vide no. Acad./22/451 dated 28.03.2022.

The above decision of the Senate and the decision of 62nd SCSA Meeting regarding conduct of end semester examination for even semester of AY 2021-22 was reviewed in the 46th Senate meeting vide item no. S46.11 and decided that the end semester examination will be conducted in offline mode except for B.Tech 2nd Semester and MCA 2nd Semester for which the decision will be taken by the Chairman Senate later. The above decision of the Senate was notified vide no. Acad./2022/548 dated 13.04.2022

All the students of M.Tech 4th semester are hereby informed that the Evaluation process for Dissertation / Internship/ Project work in the current semester will be carried out as per guidelines notified vide no. Acad./2019/1238 dated 21.11.2019 The last date for submission of M.Tech Dissertation/ Internship/ Project work will be 30.06.2022 without paying any additional fee for next semester. However, GATE scholarship will be paid to M.Tech students upto 30.06.2022 or date of submission of thesis whichever is earlier subject to fulfillment of conditions for the scholarship. It may be noted that the students can submit their Dissertation/ Internship/ Project work only after last day of teaching in current semester i.e 29.04.2022.

All the HODs and School Coordinators are kindly requested to follow above notified guidelines for evaluation process for Dissertation/ Internship/ Project work from Even semester of AY 2021-22 onwards.

Encls: As above   Deputy Registrar (Academic)
                                                   19/04/22

Copy to:

1. All HODs/ School Coordinators
2. Prof. I/C (Examinations)
3. Prof. I/C (CCN) with a request to upload it on institute website
4. Prof. I/C (Accounts)
5. Sr. Secretary to Registrar
6. AR to Director for kind information of the Director

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119
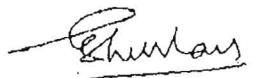
No. Acad./2019/1238

Dated: 21.11.2019

The Senate in its 36th meeting held on 21.9.2019 vide item no. S 36.08 noted the report of Committee constituted to modify the existing M. Tech. Internship guidelines and proposed evaluation criterion for M. Tech. Thesis/Project work/Internship for new M. Tech. scheme. The general guidelines for evaluation of PG dissertation/internship/Project work are attached. This will be applicable to PG students admitted in academic year 2019-20 and onwards.

This is for kind information and further necessary action.

Encl: as above

Dean (Academic)

Copy to:

1. All HoDs/School Coordinators
2. Prof. I/C (Exam.)
3. Sr. Secretary to Registrar
4. Sr. Secretary to Director for kind information of the Director.

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General guidelines and evaluation proposal of
PG Dissertation/Internship/Project-work

(effective from 2019-20 Academic Session and onwards)

A. General Guidelines for M.Tech. Programmes

1. *Orientation programme for fresh admitted students will be organized during the first week of first semester*
2. *Each elective subject should have some minimum percentage of students admitted in that specialization. There should be at least five students for running any elective subject.*
3. *MTech Dissertation Supervisors need to be allocated latest by the end of November in the first semester*
4. *Open electives, if opted from other departments, should have at least 3 credit points. These are to be allocated centrally*
5. *Any doubt or dispute about the interpretation of the guidelines shall be referred to the Dean (Academic) whose decision shall be final*

B. Evaluation Process for Courses other than Dissertation/Internship/Project-Work

(a)	Theory Papers	
1	Mid Semester-I Examination	15
2	Mid Semester-II Examination	15
3	Teacher's Assessment	10
4	Attendance	10
5	End Semester Examination	50
	Total	100
(b)	For Practical	
1	Viva Voce-I & II	15+15=30
2	Practical File & Class Work	20
3	Attendance	10
4	End Semester	40
	Total	100

C. Evaluation Process for Dissertation/Internship/Project work

1. The Dissertation/Internship/Project Work Part-I

   End semester evaluation by the Committee* on the basis of seminar/viva-voce/report submitted by the candidate – out of 100 marks. To be completed by the end of third semester

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* Committee comprising the following members
  - ✓ HOD or his/her nominee.
  - ✓ Dissertation Supervisor (and Co-Supervisor).
  - ✓ One faculty member as expert preferably from the same specialization.

2. After the submission of Dissertation/Internship/Project report, the final examination is to be conducted in the respective departments. The Dissertation/Internship/Project-work Part-II shall be evaluated through presentation cum viva-voce examination by a committee comprising of the following.
  - ✓ HOD or his/her nominee
  - ✓ Dissertation Supervisor (and/or Co-Supervisor)
  - ✓ One external expert appointed by the Department

The evaluation will be as per the following criterion.

a) Final Evaluation Components (Maximum 70 marks)
  1) Content of Report (Maximum 40 marks)
  2) Presentation (Maximum 20 marks)
  3) Answer to Examiner's queries (Maximum 10 marks)

b) Marks for paper presented in Conferences organized at IITs / NITs / IIITs / IISc / IISERs / Conferences sponsored by reputed professional societies (7 marks per paper)

or

Outstanding work done during internship duly certified by industrial supervisor

(Maximum 14 marks for entire B component)

c) Marks for paper in non-paid paper in peer reviewed journals in Scopus / SCI / SCIE (30 marks per paper)

or

Patent Accepted (30 marks per patent)

or

M.Tech Best Project Award given by recognized agency (30 marks)
(Maximum 30 marks for entire C component)

Final Evaluation: The final grade of the fourth semester will be evaluated based on grand total of marks (a+b+c)/100 as per the institute norms.

Note: In case, the total marks (a+b+c) exceeds 100 it will be counted as 100.

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D. Internship Rules:

1. MTech Dissertation Supervisors will be allocated by the end of November in the first semester.
2. Consent from the respective MTech Dissertation Supervisor by the students through HoD will be mandatory for the students to participate in the internship drive organized by T&P cell of the institute. All such expressions of interest should reach T&P cell by 15th of December positively.
3. For the companies which are offering internship for 7-12 months it will be mandatory for the industry to provide co-supervisor/project manager.
4. For the companies offering internship upto six months, there will be no co-supervisor/project manager from industry. Such candidates are not covered under internship evaluation.
5. Dean (Academic) will approve Internship cases only on the recommendation of Dean (I&IR) and the candidate can join the concerned industry only after receiving the approval of Dean (Acad.).
6. Candidate is required to appear for viva voce/presentation as and when required by the parent department.
7. All publications will be in the names of candidate and supervisor(s) during internship
8. Copyright, trademark and patents during internship will be jointly in the names of NIT Kurukshetra and concerned industry.
9. No scholarships will be provided by the institute during internship period, if it is paid
10. Internship/Project work in reputed Academic Institutions / R&D organizations will be allowed only after recommendation of the concerned supervisor and HoD of the respective department.
11. At the end of internship, the candidate is required to submit final report duly signed by concerned supervisor(s) along with no dues certificate from the concerned industry.
12. Internal and end semester examinations will be conducted in the institute as per the institute rules

(Gulshan Sachdeva)   (Gian Bhushan)   (Ashwani Kumar)

(Mayank Dave)   (K.S Sandhu)

95

S 47.08   **To consider the proposal for establishment of seven (07) RECK-71 Alumni Scholarships.**

A request from President, NIT Kurukshetra, Alumni Association (NITKAA) vide letter no. NITKAA/2022/139 dated June 04, 2022 has been received regarding establishment of seven (07) RECK-71 Alumni Scholarships. During the Golden Jubilee Celebrations of 1971-76 batch, it was decided to establish seven scholarships of Rs. 20,000/- and a certificate each to be given to the economically weaker and top ranked students of B.Tech. 3rd semester from all seven branches, based upon their first year results. These scholarships will be effective from the academic session 2022-23. This proposal has been undertaken by NITKAA in order to provide the maximum number of scholarships which in turn will help in enhancing the ranking of the Institute.

For the purpose, a financial contribution of Rs. 25 lacs have been made by 1971-76 batch and the amount will be kept in the form of FD in the NITKAA bank account. Annual interest accrued from the FD shall be utilized for giving away the scholarships and the certificate.

The relevant documents are attached as Annexure S 47.08 from pages 97 to 98.

The Senate may consider and decide.

NIT Kurukshetra Alumni Association (NITKAA)
[A society vide Registration No. 06-004-2016-01269]
National Institute of Technology Kurukshetra
Kurukshetra |136119 | Haryana | INDIA
✉ nitkaaoffice@gmail.com ☐ +91 1744 233304 (O)

Patron

Prof BV Ramana Reddy
Director | NIT Kurukshetra

President

Prof Pankaj Chandna
Batch | 1984-89

Vice-President

Er Javed Aslam Khan
Batch | 1982-87

Secretary

Er Nikesh Jain
Batch |1985-89

Joint Secretary

Er Amit Garg
Batch | 1990-94

Treasurer

Er Madhur Goyal
Batch | 1993-97

Executive Members

Er Anil Kumar Khosla
Batch |1968-73

Er Vipin Rai Sardana
Batch | 1986-90

Er Suveer Kumar Gupta
Batch | 1992-96

Er Tirthankar Goyal
Batch | 1993-97

Er Tarun Dua
Batch | 1997-01

Er Tushar Goyal
Batch | 2006-10

NITKAA/2022/ 139   June 04, 2022

Subject: Establishment of seven [07] RECK-71 Alumni Scholarships regarding;

The alumni association has taken a paradigm shift over the years in terms of organizing/facilitating Batch alumni meets. Conquering upon the COVID 19 Pandemic, the association recently organized the golden jubilee celebrations of 1971-76 batch in the institute campus. During the celebrations, the batch made a financial contribution of Rs 25 lakh [kept in the form of FD] to be utilized for the benefit of students of the institute. A committee comprising of members from 1971-76 Batch under the chairmanship of the President was constituted by the Executive Committee [EC] to take the decision about the utilization of funds.

After two online interactions among the committee members, it has been decided to propose to establish seven [07] scholarships of Rs. 20,000 and a certificate each; to be given to the economically weaker and top ranked students from all seven [07] branches of 3rd Semester, based upon their first-year results and to be made effective from academic session 2022- 23. Appropriate to mention that the annual interest accrued from the FD shall be utilized for giving away the Scholarships and the Certificate. The total requirement of funds for scholarship is Rs. 1,40,000/- per year and any shortfall in the mentioned amount will be fulfilled by the association. Pertinent to mention that this proposal has been undertaken in order to provide the maximum number of scholarships which in turn help in enhancing the ranking of the institute.

On behalf of the Alumni Association, we would like to make a request to the authorities to establish the afore-mentioned scholarships as per the institute procedures effective from academic session 2022-23.

Submitted for kind consideration

Nikesh Jain
Secretary

Through President

Please process as per the Institute Protocol.
Pankaj
4/6/22

Dean (Acad)

Ms. Madhu

A request from President, NIT Kurukshetra, Alumni Association (NITKAA) vide letter no. NITKAA/2022/139 dated June 04, 2022 has been received regarding establishment of seven (07) RECK-71 Alumni Scholarships. During the Golden Jubilee Celebrations of 1971-76 batch, it was decided by a Committee to propose to establish seven scholarships of Rs. 20,000/- and certificate each; to be given to the economically weaker and top ranked students of B.Tech. 3rd semester from all seven branches, based upon their first year results. These scholarships will be effective from the academic session 2022-23. This proposal has been undertaken in order to provide the maximum number of scholarship which in turn help in enhancing the ranking of the Institute.

In light of above, it is requested to allow this matter to be taken up in the next Senate.

Submitted for kind consideration and approval please.

Dean (Academic)

REGISTRAR OFFICE Registrar Incharge

Diary No. 1094

Dt. 09.06.22
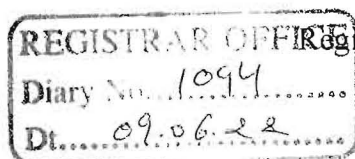
DIRECTOR

Dean (Academic)

Ms Madhu

S 47. 09 **To consider and decide the proposal for starting M.Tech. program in Defence Technologies from the Academic Session 2023-24.**

NIT Kurukshetra has recently signed an MoU with Defence Research and Development Organisation (DRDO). The DRDO has been pursuing basic and applied research in collaboration with academia and has been funding the research projects through various mechanisms to engage academia under its Grant-in-aid scheme. DRDO has established very good connect with faculties and researchers of academia through research projects. So far the engineering education in country do not have M.Tech. courses, adapted to impart knowledge related to defence and security applications. Defence Institute of Advanced Technology (DIAT) Pune, College of Military Engg. (CME) Pune and select Institutes and industries have been mainly providing required specialized knowledge related to defence and security to the students and armed forces personnel.

DRDO has collaborated with AICTE for conducting the regular M.Tech. course in Defence Technologies in the following six specialized streams:

    i.   Combat Vehicle Engineering
    ii.   Aerospace Technology
    iii.   Naval Technology
    iv.   Communication Systems & Sensors
    v.   Directed Energy Technology
    vi.   High Energy Materials Technology

The M.Tech. in defence technology courses have been designed to produce post graduates who will have the necessary theoretical and experimental knowledge, skill and aptitude in various defence technologies areas and pursue them to carry out R&D in defence so that they can get recruited in the various defence laboratories, defence public sector & private industries, ordnance factories and other similar sectors of the economy at national and international level.

The syllabi for M.Tech. in Defence Technology and guidelines have already been approved by AICTE in the year 2021-22 which are enclosed as Annexure S 47.09 from pages _101_ to __111__.

The Senate may consider and decide.

No. Acad/mwooof/22/2321
06/06/2022

Prof. B V R Reddy Director <director@nitkkr.ac.in>

MTech Program in Defence Technologies

1 message

KAILASH KUMAR PATHAK <directorftm.hqr@gov.in>   Fri, May 27, 2022 at 9:54 AM
To: director@nitkkr.ac.in
Cc: Haribabu Srivastava <dgtm.hqr@gov.in>, NEENA SATTI <neenasatti.hqr@gov.in>

Dear sir,

Congratulations to you and NIT team for signing MoU with DRDO. It was nice to interact with you during signing of MoU at DRDO HQrs.

As per your discussion with DGTM for starting MTech Program in Defence Technologies in the academic session 2022-23 of NIT Kurukshetra, I am attaching the Syllabi of MTech Program for your perusal please.

Request feel free to contact DFTM, DRDO HQrs for any clarification / information.

With Regards,

Kailash Kumar Pathak
Director
Directorate of Futuristic Technology Management (DFTM)
DRDO Bhawan, Rajaji Marg
New Delhi - 110011
Phone: 011 23007330/29

M. Tech Syllabi_Final.pdf
13124K

Dean (Academic)
Examined putup
in Senate

Associate Dean (Acads)

for placing agenda items
in senate   DR (Acad.)
DA to Dean (Acad)   07/06/22 to pl. discuss

Supdt. (Acad) / PG-I

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Syllabi for
M.Tech in Defence Technology
&
Guidelines

2021–2022

Directorate of Futuristic Technology Management (DFTM)
Director General Technology Management (DG TM)
Defence Research & Development Organization (DRDO)
Ministry Of Defence
Government of India
New Delhi

Approved by
All India Council for Technical Education (AICTE)
New Delhi

M. Tech. (Defence Technology)

1. Introduction

DRDO has been pursuing basic and applied research in collaboration with academia, since last six decades. DRDO has been funding the research projects through various mechanisms to engage academia under its Grant-in-Aid scheme. In last five years, DRDO has given impetus to create Research Eco-system for Directed Research by establishing the Centres of Excellence within premier institutes and universities. DRDO is continuously taking efforts towards expanding the research base by engaging faculties, researchers, scientists, start-ups and industries for developing targeted emerging and futuristic technologies to accelerate the technological self-reliance in defence and security of the nation. DRDO has collaborated with AICTE for conducting the Regular M.Tech Course in Defence Technologies having 6 specialized streams and B.Tech (Elective Courses) in collaboration with All India Council for Technical Education (AICTE). The M.Tech. courses would infuse interest in students and motivate them to pursue their career in research and development for defence and security to join defence, PSUs and private defence industries.

2. Need for M.Tech. (Defence Technology)

DRDO has established very good connect with faculties and researchers of academia through research projects. So far the engineering education in the country do not have M.Tech courses, adapted to impart knowledge related to defence and security applications. Defence Institute of Advanced Technology (DIAT) Pune, CME Pune and select institutes and industries have been mainly providing required specialized knowledge related to defence and s ecurity to the students and armed forces personnel.

The M.Tech. in defence technology courses has been designed to produce Post Graduates who will have the necessary theoretical & experimental knowledge, skill and aptitude in various defence technologies areas and pursue them to carry out R&D in defence. The students will be provided valuable exposure & knowledge for various state of the art defence systems and contemporary technologies through class lectures & main thesis work. During the program, the students would be given valuable exposure by carrying out their main thesis work in DRDO labs, Defence PSUs & Private Defence Industries. This collaborative effort of DRDO, AICTE and Industries will provide required knowledge to the students and create job opportunities for them. The academic-industry trained workforce will immensely contribute in realizing GOI vision of Atmanirbhar Bharat.

3. Program Objectives

1. To develop Post Graduates who have the necessary theoretical & experimental knowledge, skill and aptitude in defence technologies and systems and can get recruited in the various defence laboratories, defence public sector & private industries, ordnance factories and other similar sectors of the economy at national and international level.
2. To contrive skilled manpower in the field of defence technologies.
3. To enhance students' interaction with the senior, experienced manpower engaged in defence labs and defence industries and have real time knowledge / experience in the technology development, technology deployment and defence systems.
4. To acquaint students for the needs of technologies related to defence & security of nation and to create zeal among students to pursue research and development for defence technologies.

4. Program Outcomes

S. No.	Program Outcome	Attributes
PO-01	Acquire technical competence, comprehensive knowledge and understanding the methodologies and technologies associated with land, air & naval defence systems. Apply knowledge to identify, formulate and analyse complex engineering problems.	Scholarship of Knowledge
PO-02	Having an ability to apply knowledge of science, mathematics, engineering & technology for development of defence technologies.	Critical Thinking
PO-03	Having an ability to design a component, subsystem or a system applying all the relevant standards and with realistic constraints, including operational and environmental.	Research Skill
PO-04	Acquire the skills for uses of contemporary techniques, resources and modern engineering and IT tools	Usages of Modern Techniques
PO-05	An ability to identify, investigate, understand and analyse complex problems, apply creativity, carry out research /investigation and development work to solve practical problems related to defence technological issues.	Design, Development & Solutions
PO-06	Ability to communicate effectively in both oral and written contexts in the form of technical papers, project reports, design documents and seminar presentations.	Communication
PO-07	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	Individual &Team Work

5. Program Structure

It is a 4 semester program with total 80 credits. It is having 6 specializations, as regard to the specializations, semester -1 will have common curriculum and semester 2 curriculum will be varied as per the specialization. Semester 3 & 4 includes dissertation and industrial training. The M.Tech. in Defence Technology will be having following specializations:

S. No.	Specialization
1.	Combat Vehicle Engineering
2.	Aerospace Technology
3.	Naval Technology
4.	Communication Systems & Sensors
5.	Directed Energy Technology
6.	High Energy Materials Technology

- Semester-1 courses will be same for all specializations.
- Semester -2 courses will be as per the selected specialization.

6. Syllabi
(under AICTE Universities)
T : Tutorial; L : Lecture; P : Practical

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Semester - 1

S. No.	Course Code	Course of study and scheme of examination	M.Tech			Branch Defence Technology
		Compulsory Courses	Periods/Week			Total Credits
			L	T	P	
1.	DT-01-01	Systems and warfare Platforms	4	-	-	4
2.	DT-01-02	Warfare Simulations & Strategies	4	-	-	4
3.	DT-01-03	Advanced Engineering Mathematics	4	-	-	4
4.	DT-01-L01	Systems and Platforms Lab	-	-	2	2
5.	DT-01-L02	Warfare Simulations & Strategies Lab	-	-	2	2
		Elective Courses				
6.		Elective 1	3	-	-	3
7.		Elective 2	3	-	-	3
8.		Seminar	-	-	1	1
		Total credits				23

Semester -1 Elective Courses

- Students are expected to select the Elective-I course of their choice, provided that at least a group of 7 students should opt for the similar elective course.

S. No.	Course Code	Course of study and scheme of examination	M.Tech Semester-1			
		Elective 1	Periods/Week			
			L	T	P	Total Credits
1.	DT-EL1-01	Rockets & Missiles Fundamentals	3	-	-	3
2.	DT-EL1-02	Advanced Thermal Engineering	3	-	-	3
3.	DT-EL1-03	Numerical methods for science & engineering	3	-	-	3
4.	DT-EL1-04	Communication Technology	3	-	-	3
5.	DT-EL1-05	Advanced Mechanical Engineering	3	-	-	3

S. No.	Course Code	Course of study and scheme of examination	M.Tech Semester-1			
		Elective 2	Periods/Week			
			L	T	P	Total Credits
1.	DT-EL2-01	Autonomy and Navigation Technology	3	-	-	3
2.	DT-EL2-02	Optimization theory & applications	3	-	-	3
3.	DT-EL2-03	Military Electronics System Engineering	3	-	-	3
4.	DT-EL2-04	System Engineering & Analysis	3	-	-	3

Semester - 2: Main Stream Defence Technology with following six specializations

S. No.	Main Stream Defence Technology
1.	Combat Vehicle Engineering
2.	Aerospace Technology
3.	Naval Technology
4.	Communication Systems & Sensors
5.	Directed Energy Technology
6.	High Energy Materials Technology

1. Combat Vehicle Engineering

S. No.	Course Code	Course of study and scheme of examination	M.Tech Semester-2			Branch Defence Technology
		Compulsory Courses	Periods/Week			Total Credits
		Combat Vehicle Engineering	L	T	P	
1.	DT-CVE-01	Combat Vehicle Dynamics	4	-	-	4
2.	DT-CVE-02	Combat System Engineering	4	-	-	4
3.	DT-CVE-03	Test & Evaluation of Weapon System	4	-	-	4
4.	DT-CVE-L01	Combat Vehicle Dynamics Lab	-	-	2	2
5.	DT-CVE-L02	Combat System Engineering Lab	-	-	2	2
		Elective Courses				
6.		Elective 1	3	-	-	3
7.		Elective 2	3	-	-	3
8.		Seminar	-	-	1	1
		Total credits				23

2. Aerospace Technology

S. No.	Course Code	Course of study and scheme of examination	M.Tech Semester-2			Branch Defence Technology
		Compulsory Courses	Periods/Week			Total Credits
		Aerospace Technology	L	T	P	
1.	DT-AT-01	Aerospace System Configuration, Design & Simulation	4	-	-	4
2.	DT-AT-02	Guidance & control	4	-	-	4
3.	DT-AT-03	Aerospace Propulsion	4	-	-	4
4.	DT-AT-L01	Aerospace System Configuration, Design & Simulation Lab	-	-	2	2
5.	DT-AT-L02	Guidance & control Lab	-	-	2	2
		Elective Courses				
6.		Elective 1	3	-	-	3
7.		Elective 2	3	-	-	3
8.		Seminar	-	-	1	1
		Total credits				23

3. Naval Technology

S. No.	Course Code	Course of study and scheme of examination	M.Tech Semester-2			Branch Defence Technology
		Compulsory Courses	Periods/Week			Total Credits
		Naval Technology	L	T	P	
1.	DT-NT-01	Naval combat system engineering	4	-	-	4
2.	DT-NT-02	Guidance, Navigation, and Control of Marine Systems	4	-	-	4
3.	DT-NT-03	Marine Propulsion	4	-	-	4
4.	DT-NT-L01	Naval combat system engineering Lab	-	-	2	2
5.	DT-NT-L02	Guidance, Navigation, and Control of Marine Systems Lab	-	-	2	2
		Elective Courses				
6.		Elective 1	3	-	-	3
7.		Elective 2	3	-	-	3
8.		Seminar	-	-	1	1
		Total credits				23

4. Communication Systems & Sensors

S. No.	Course Code	Course of study and scheme of examination	M.Tech Semester-2			Branch Defence Technology
		Compulsory Courses	Periods/Week			Total Credits
		Communication Systems & Sensors	L	T	P	
1.	DT-CSS-01	Radar Technologies	4	-	-	4
2.	DT-CSS-02	Digital & satellite Communication and Navigation from Space	4	-	-	4
3.	DT-CSS-03	Tactical battlefield Communication & Electronic Warfare	4	-	-	4
4.	DT-CSS-L01	Radar Technologies Lab	-	-	2	2
5.	DT-CSS-L02	Digital & satellite Communication and Navigation from Space Lab	-	-	2	2
		Elective Courses				
6.		Elective 1	3	-	-	3
7.		Elective 2	3	-	-	3
8.		Seminar	-	-	1	1
		Total credits				23

5. Directed Energy Technology

S. No.	Course Code	Course of study and scheme of examination	M.Tech Semester-2			Branch Defence Technology
		Compulsory Courses	Periods/Week			Total Credits
		Directed Energy Technology	L	T	P	
1.	DT-DET-01	Directed Energy Sources (Lasers, Microwave)	4	-	-	4
2.	DT-DET-02	Beam Control Technology, Target acquisition, Beam Pointing & Tracking	4	-	-	4
3.	DT-DET-03	Directed Energy Weapons (DEW) System Engineering	4	-	-	4
4.	DT-DET-L01	Directed Energy Sources (Lasers, Microwave) Lab	-	-	2	2
5.	DT-DET-L02	Beam Control Technology, Target acquisition, Beam Pointing & Tracking Lab	-	-	2	2
		Elective Courses				
6.		Elective 1	3	-	-	3
7.		Elective 2	3	-	-	3
8.		Seminar	-	-	1	1
		Total credits				23

6. High Energy Materials Technology

S. No.	Course Code	Course of study and scheme of examination	M.Tech Semester-2			Branch Defence Technology
		Compulsory Courses	Periods/Week			Total Credits
		High Energy Materials Technology	L	T	P	
1.	DT-HEM-01	High Energy Materials Modeling & Simulation	4	-	-	4
2.	DT-HEM-02	Munitions and Target Response	4	-	-	4
3.	DT-HEM-03	Manufacturing and Materials Properties of Explosives	4	-	-	4
4.	DT-HEM-L01	High Energy Materials Modeling & Simulation Lab	-	-	2	2
5.	DT-HEM-L02	Munitions and Target Response Lab	-	-	2	2
		Elective Courses				
6.		Elective 1	3	-	-	3
7.		Elective 2	3	-	-	3
8.		Seminar	-	-	1	1
		Total credits				23

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Elective Courses offered for Semester 2

- Students are expected to select the Elective-I course of their choice, provided that at least group of 7 students should opt for the similar elective course.

S. No.	Course Code	Course of study and scheme of examination	M.Tech Semester-2			
		Elective 1 (for all Specializations)	Periods/Week			
			L	T	P	Total Credit
1.	DT-EL3-01	Robotics (MSS, MCC)	3	-	-	3
2.	DT-EL3-02	EMI/EMC in Military Systems	3	-	-	3
3.	DT-EL3-03	Defence Electro-Optics and Imaging Systems	3	-	-	3
4.	DT-EL3-04	Structural Dynamics and Aero-elasticity	3	-	-	3
5.	DT-EL3-05	Safety, Health & Hazard Management	3	-	-	3
6.	DT-EL3-06	Fundamental of telemetry, telecomm and transponder	3	-	-	3
7.	DT-EL3-07	Jamming and ECM/ECCM technologies	3	-	-	3
8.	DT-EL3-08	Software defined Radios	3	-	-	3
9.	DT-EL3-09	Advanced Lightweight and Composite Structures	3	-	-	3
10.	DT-EL3-10	Test methodologies for DEW systems (Lasers & Microwave)	3	-	-	3
11.	DT-EL3-11	Advanced Analytical Techniques / Lab testing	3	-	-	3
12.	DT-EL3-12	Sonar System Engineering	3	-	-	3

S. No.	Course Code	Course of study and scheme of examination	M.Tech Semester-2			
		Elective 2 (for all Specializations)	Periods/Week			
			L	T	P	Total Credi
1.	DT-EL4-01	Unmanned Aerial Vehicle Design	3	-	-	3
2.	DT-EL4-02	Naval Ocean Analysis and Prediction	3	-	-	3
3.	DT-EL4-03	Modeling & simulation of Laser Matter Interaction	3	-	-	3
4.	DT-EL4-04	Computational Aerodynamics	3	-	-	3
5.	DT-EL4-05	Launch Vehicle Design & Analysis	3	-	-	3
6.	DT-EL4-06	Acquisition, Tracking & Pointing Technology	3	-	-	3
7.	DT-EL4-07	Data acquisition, tracking & post flight analysis	3	-	-	3
8.	DT-EL4-08	Air independent propulsion & batteries	3	-	-	3
9.	DT-EL4-09	Advanced digital modulation technologies & standards	3	-	-	3
10.	DT-EL4-10	Trajectories modeling & simulation	3	-	-	3
11.	DT-EL4-11	Sensor Technology	3	-	-	3

Semester - 3

S. No.	Course	Credit
1.	Project Dissertation- Phase 1	10
2.	Seminar/ Industrial training	4
	Total credits	14

Semester - 4

S. No.	Course	Credit
1.	Project Dissertation Phase-2	20
	Total credits	20

7. Procedure to approach DRDO Labs

Prospective institute may contact the DRDO Lab near its vicinity for conducting this program, e.g. prospective institute located in Hyderabad may seek help from DRDO Labs located inside or near the vicinity of Hyderabad. List of DRDO Labs is provided in Annexure A.

8. Eligibility criteria

Those who have pursued under graduation in following disciplines are eligible for taking up the M.Tech. Defence Technology courses:

1) Aerospace Engineering
2) Aeronautical engineering
3) Applied Electronics and Communication Engineering
4) Applied Electronics and Instrumentation Engineering
5) Chemical Technology
6) Chemical engineering
7) Computer Science & Engineering
8) Computer and Communication Engineering
9) Computer Engineering
10) Computer Engineering and Applications
11) Computer Networking
12) Computer Science and Information Technology
13) Computer Science and Technology
14) Computer Technology
15) Electrical and Computer Engineering
16) Electrical and Electronics Engineering
17) Electrical and Instrumentation Engineering
18) Electrical and Power Engineering
19) Electrical Engineering
20) Electronics engineering
21) Electrical, Electronics and Power Engineering
22) Electronics and Communication engineering
23) Instrumentation engineering
24) Electronics, Instrumentation and Control Engineering
25) Electronics, Science and Engineering
26) Electronics and Computer Engineering
27) Electronics and Communication Engineering
28) Electronics and Computer Science
29) Electronics and Control Systems
30) Electronics and Power Engineering
31) Electronics and Telecommunication
32) Electronics, Instruments and Control Engineering
33) Electronics System Engineering
34) Instrumentation and Electronics
35) Instrumentation Engineering
36) Marine Engineering
37) Marine Technology

38)	Mechanical and Automation Engineering	43)	Optics and Opto-electronics
39)	Mechatronics Engineering	44)	Power Electronics Engineering
40)	Mechanical engineering	45)	Radio, Physics and Electronics
41)	Metallurgical and Materials Engineering	46)	Software Engineering
42)	Military engineering	47)	Structural Engineering
		48)	Telecommunication Engineering

9. Guidelines

   i. To begin the courses, it will be preferred to have institutes / universities in vicinity of DRDO/ PSU/private defence industries for effective conduction of courses.

   ii. Keeping in view the uniqueness of the courses of this program, each course can be conducted on sharing basis, the faculty(s) from prospective institute / university can share the course to be conducted with the superannuated / working scientists from the DRDO labs located in the vicinity of the institute. On request by the institutions, the experts/ scientists for conducting the respective courses will be made available by DRDO lab provided that the prospective institution should plan the teaching assignment well in advance and communicate to the nearby DRDO lab for the meaningful. The institutes / university should cater for remuneration / funding to the mentioned lecturers for course activities as per university rules.

   iii. The laboratory work mentioned in semester 1 & 2 can be held at respective DRDO labs / PSU/ private defence industries located in the vicinity on demand from the institution / university.

   iv. There will be mentor from academic institute / university as well as from DRDO lab / Industries for conducting online/offline lab experiments.

   v. M. Tech. Project phase 1& 2 may be done in respective DRDO labs, DRDO established Center of Excellence, DIAT Pune, PSUs and private defence industries. As regard M.Tech dissertation based upon the topic of dissertation, the respective students will be placed appropriately to the various respective labs located all over countries.

   vi. The model course structure has been provided for reference. The prospective institutions / universities can get it approved from the concerned bodies. Also the prospective institutions / universities may take approval of DRDO scientist to teach the courses on sharing basis.

   vii. The prospective institution / universities can conduct the examination appropriately for theory, practical courses and dissertation. The dissertation examination can be conducted at DRDO lab as per the requirement of the dissertation topic, in case the developed product / system can not be taken out from the DRDO lab.

   viii. The list of DRDO superannuated scientists along with contact details, willing to contribute for this program has been provided.

   ix. Classes may be conducted online as well as offline as per need.

S 47.10   **To consider the report of the Committee on exploring 'Relative Grading system'.**

As per Senate decision in its 36th meeting held on 21.9.2019 vide item no. S 36.07, the following Committee was constituted to explore the adoption of 'Relative Grading System':

1. Prof. Mayank Dave, Prof. Computer Engg.   Chairman
2. Prof. Ashwani Sharma, Prof. Elect. Engg.   Member
3. Prof. Ajai Jain, Prof. Mech. Engg.   Member
4. Dr. A.S.V. Ravi Kanth, the then HoD (Maths)   Member
5. Dr. J.K. Kapoor, the then Prof. I/C (Acad.)   Member

Now, the Committee has submitted its report which is enclosed as Annexure S 47.10 from pages __113__ to __114__ .

The Senate may consider and decide.

National Institute of Technology, Kurukshetra

<div align="right">

December 6, 2019

</div>

Report of the Committee on Exploring 'Relative Grading System'

This is with reference to the committee constituted vide letter Acad/2019/1135 dated 23.10.19 for exploring the adoption of 'Relative Grading System'. The committee had several meetings and discussion rounds.

Observations:

1. In several IITs / NITs special emphasis is on the student registration process. Its main highlights are:
    a. A student has to first take part in pre-registration that shows his intent to take a particular course. On the basis of pre-registration and certain perquisites, it is decided whether the student will be allowed a particular course. Only after the pre-registration, the actual next semester registration is done.
    b. There are institute core courses, program core courses and program elective course. Requisite credits must be achieved in such courses.
    c. If a student fails (in overall %), he has to appear in Major again in the exam held (called Major-retest) in the first week of next semester by the course coordinator.
    d. If a student again fails in the core course, the course must be repeated. It is not year loss. Only thing is that he has to sit in the classes of that core course again. He may continue his other studies. However, if this core course is a prerequisite for other courses, then this core course must be passed first.
    e. It is not necessary to reappear in an elective course. A student may take some other elective some other time and earn the credits.
    f. Each program of study has total credits to be earned. A student can earn total credits by taking different electives but core courses are fixed. However, a student must earn minimum number of credits from Departmental electives and non-departmental electives separately.
    g. It is observed that there is lower and upper limit on the credits that may be earned in a given semester.
    h. A student can add/drop/withdraw from a registered course before Minor exam or a pre-notified date as per documented guidelines. A course taken by a student may change to audit upon request, if requested before a certain last date.
    i. Slot-wise time table is required for providing flexibility to students for opting various courses.
    j. There are clear and detailed guidelines in every Institute regarding registration process.
2. There is DUGC (Department UG Committee) that also does the moderation (and may override coordinator) apart from other functions. Likewise, there are DPGC and other committees too. The well documented roles of each committee, course coordinator, faculty advisor etc. are in place.
3. In IIT Roorkee, for class strength smaller than 30, <u>absolute grading</u> may be followed otherwise for class strength more than 30 <u>relative grading</u> is followed. (**Default is relative grading in most institutes**)

4. The cut-off for deciding different various letter grades (A+, A, B ...) are decided by the course coordinator and **then announced in the first lecture** and notified to all and sent to various stakeholders before the classes begin.
5. Different courses may have different cut-off criteria for various letter grades.
6. Highest letter grade has some minimum % marks, which is same across the Institute (80% in IITD, 91% in IIT Roorkee, 70% in NIT Surathkal) i.e. course coordinator cannot award A+ below this cut-off to any student. This bar may be moved up.
7. Lowest Pass grade i.e. if a student has 35% marks overall in a course in IITD/IIT Roorkee, then even in the relative grading system, the student cannot fail. The same is 20% in NIT Surathkal. A student cannot fail if he/she scores this much.
8. The cut-off (range) for grades (% ranges) changes every year depending on result and again announced. IIT Roorkee has a suggested 'ranges' for grades using statistical method (also for absolute method).
9. It is also observed that it is not necessary to pass in mid-sem and end-sem components separately The grade is decided on the total marks obtained.
10. There is only One Minor (mid-term exam), Two/Three Quizzes, One Major (end-term exam whose weightage may be in the range 30-70%). Plus, there are assignments and project components also as decided by the coordinator for the theory/lab course.
11. Minor and Major exams are mandatory for a student.
12. Before major exam, a teacher could offer rescue assignments also.
13. There are no marks of attendance. However, every institute has some guidelines on attendance requirement. In some institutes, a teacher may announce count of attendance marks up to 5% within the total marks.
14. Due to less attendance, fail grade may be awarded and so student will need improvement as a Major-retest.
15. There is a lot flexibility and responsibility provided to each individual faculty within the well documented registration and curriculum framework.

Recommendations:

- The committee recommends that the Institute may opt for 'Relative Grading System'. However, before switching over to relative grading system, the prerequisites for it such as DUGC/DPGC committee formulations and clearly laid down registration procedures, and other guidelines for faculty and students should be implemented and brought into practice.
- It is also required to carry out necessary changes and modifications in the current curriculum framework.
- Further, intensive faculty training is required for smooth transition from current system to relative grading system.

(JK Kapoor)   (ASV Ravi Kanth)   (Ajai Jain)   (Ashwani Sharma)   (Mayank Dave)

Dean (Academic)

S 47.11 **To consider the Draft proposal submitted by the Committee to introduce Part- time M.Tech. in self-finance mode.**

As per Senate decision in its 42nd meeting held on 7.4.2021 vide item no. 42.08, the following Committee was constituted to prepare a draft proposal to introduce Part-time M.Tech. in self-finance mode that includes feasibility of programme, essential qualifications, admission criteria, number of seats, duration of programme, fee structure, revenue generation etc.

1. Prof. B. Setia, Civil Engg. Deptt.   Chairman
2. Prof. L. Dewan, Elect. Engg. Deptt.   Member
3. Prof. U. Ghanekar, ECE Deptt.   Member
4. Prof. Ashutosh, MCA   Member
5. Prof. Ajai Jain, MED   Member Convenor

Later, Prof. K.S. Sandhu was nominated as Chairman of the Committee in place of Prof. Baldev Setia by the Competent Authority.

The Committee has submitted a draft proposal to introduce Part-time M.Tech. in self-finance mode. The draft proposal is enclosed as Annexure 47.11 from pages 116 to 119 .

The Senate may consider and decide.

Dated: 12-04-2022
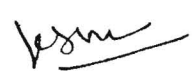
Subject: Draft Proposal to Introduce Part Time M.Tech

With reference to notification Acad/2021/900 dated 12-08-2021 committee reconstituted for the preparation of draft proposal to introduce part time M.Tech in the institute is as:
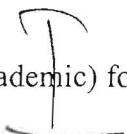
1. Prof. K.S.Sandhu, EED   Chairman
2. Prof. L. Dewan, EED   Member
3. Prof. U. Ghanekar , ECED   Member
4. Prof Ashutosh, MCAD   Member
5. Prof. Ajai Jain, MED   Member (Convener)

Previous committee under the chairmanship of Prof. Baldev Setia requested all departments/schools to give their suggestions for taking up such programs. However, Department of Electrical Engineering only responded positively to start such program. Response was subject to few conditions specifically the availability of faculty and supporting staff to run these programs.

Committee after having few meetings & with detailed discussions, prepared a general draft proposal as per Annexure-1.

(Ajai Jain)   (Ashutosh)   (U Ghanrekar)   (L Dewan)   (K S Sandhu)

Dean (Academic) for necessary action

DR (Acad)

may be putup in the next senate meeting.

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Annexure 1

Proposal for Part-Time M.Tech. Program

- **Aim, beneficiaries, eligibility, Admission,rules and regulations**
- **Duration, Curriculum structure/framework**
- **Fee structure, faculty and supporting staff**

AIM:
To enhance the technical knowledge of working professionals in the relevant fields.

BENEFICARIES:
- Professionals from industry, research organizations, educational institutes etc.
- Almost all organizations within a radial distance of about 250 km.

ELIGIBILITY & OTHER CONDITIONS
- Applicant must be working in some industry/research organizations/reputed educational institutes.
- Graduation in relevant filed with at least two years of experience.
- 60% marks in graduation or CGPA of 6.0 to the scale of 10.
- Programmes offered will run subject to availability of sufficient number of candidates in respective programme. Minimum number of students in a course should be 5 and maximum number as 20. Program should be of core branch.
- In case, if less number of candidates qualify for a particular programme of the department than the minimum required, then the candidates will have the option to switch to another M. Tech. programme based on their eligibility and subject to approval of competent authority.

ADMISSIONS:
Admission merit list to be prepared on the basis of weightage as below:
Weightage of marks/CGPA in graduation = out of 40 marks
:1 mark corresponding to 1% increase [only for the part of %age obtained which is in excess to 60%]
or
: 10 marks corresponding to 1unit increase of CGPA [only for the part of CGPA obtained which is in excess to 6.0]
Weightage of Experience =out of 60 marks

: 3 marks for each additional year of experience [only for the portion of experience attained which in excess to 2years subject to max of 60 marks]

Note: Weightage on Pro-rata basis ; In case of TIE merit to be decided on the basis of age.
Reservations: as per GOI guidelines

Example:

Candidate	%age in qualifying exam(X)	total experience in years(Y)	weightage of marks(max 40) X-60	weightage of experience(max 60) (Y-2)*3	total marks
A	72	8	12	18	30
B	86	5	26	3	29
C	65	24	5	60	65
D	70	15	10	39	49

RULES & REGULATIONS:
- Attendance and passing requirements, standards of instruction, examination and evaluation methods and other academic & other regulations for Part-Time MTech Programme will be same as for the corresponding regular programmes.
- Examinations to be conducted along with regular students

DURATION & WORKING SLOTS:
- Duration of Program: Three Years/Six Semesters extendable to maximum of 5 years.

1st semester to 4th semester
Saturday:
> First theory slot: 10 am to 1pm;
> Second theory slot: 2pm to 5pm

Sunday:
> Theory slot: 8.30 am to 11.30 am;
> Lab/project slot: 12.30 pm to 3.30pm
> (Concerned department will have the flexibility to fix up the slots in deciding the courses /lab/project/seminar etc)

5th semester to 6th semester
> Students will be required to visit the institute on Saturday & Sunday for contacting their supervisors.

CURRICULUM STRUCTURE/FRAMEWORK:

					Credit
First semester	Core (3 credit)	DE (3 credit)	DE (3 credit)	Core lab (2credit)	11
Second semester	Core (3 credit)	DE(3 credit)	DE (3 credit)	Core lab (2credit)	11
Third semester	Core (3 credit)	DE(3 credit)	DE (3 credit)	Simulation lab(2 credit)	11
Fourth semester	Core (3 credit)	Open Elective(3)	Seminar(1 credit)		07
Fifth semester	Dissertation Part1 /Internship Part I			*Case Study/Field work No credit	14
Sixth semester	Dissertation/ internship				14

Total 68

DE: Departmental Elective;
  • Summer activity to be carried out in between the 4th and 5th semester, awards to be submitted in 5th semester.

FEE STRUCTURE:
  • 60,000/- per semester; includes tuition fee, library fee and other academic facilities.
  • Fee for other components will be same as charge from the students of regular M.Tech. Courses

FACULTY & SUPPORTING STAFF:
Regular Faculty/ Guest Faculty (payment for additional load to regular faculty)
  • Payment for theory course: Rs 1500 per contact hour/lump sum max =50000/-
  • Payment for lab course: Rs 2500 per day/lump sum =30000/-
  • Payment of Rs 10000 per semester for supervising one dissertation.
Payment to teaching supported Staff associated with lab & other supporting staff for additional load: Lump sum=20000/-

S 47.12   **To consider the report of the Committee constituted to look into all issues related to plagiarism check report and software.**

As per Senate decision in its 43rd meeting held on 16.6.2021 vide item no. S 43.07, the following Committee was constituted by the Competent Authority to look into all issues related to plagiarism check report and software.

1.   Prof. Baldev Setia, CED   Chairman
2.   Prof. Mahesh Pal, CED   Member
3.   Prof. A.K. Singh, CA   Member
4.   Dr. J.K. Kapoor, the then Prof.I/C (Acad.)   Member Secretary

Later, Prof. Brahmjit Singh, Professor, Electronics & Comm. Engg. Deptt. was nominated as Chairman of Committee in place of Prof. Baldev Setia by the Competent Authority.

Now, the Committee has submitted its report which is enclosed as Annexure S 47.12 from pages 121 to 122.

The Senate may consider and decide.

Subject: Plagiarism Check of M.Tech. Dissertation- regarding

Please find herewith enclosed the report of the designated committee on the matter mentioned under subject line.

2. It is also proposed to consider the same set of guidelines/norms for generating and acceptance of the similarity index report of the Ph.D. Thesis submitted by the students of Ph.D. Programme of NIT Kurukshetra.

You are requested to consider Sr. no. 2 as the agenda item for the ensuing senate meeting, if you deem it fit.

Thanking you,

(Brahmjit Singh)
Dean (P&D)

Encl: As mentioned above

Dean (Acad)

Subject: Minutes of the Meeting of the Committee under ref. No. Dean Acad/2022/499; Dt. 07.04.2022 regarding M.Tech. Dissertation plagiarism check held in the office of the Dean (P&D) on 05.05.2022 at 04.35 pm.

Present:

1. Prof. Brahmjit Singh   Dean (P&D)   In Chair
2. Prof. Mahesh Pal   Dean (R&C)   Member
3. Prof. Ashutosh Kumar Singh   Head, Dept. of Comp. Appl.   Member
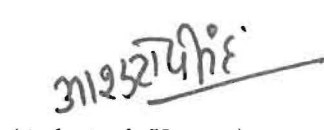4. Prof. J K Kapoor   Head, Dept. of Chemistry   Member

The Plagiarism as defined in *https://www.dictionary.com/* implies "an act or instance of using or closely imitating the language and thoughts of another author without authorization and the representation of that author's work as one's own, as by not crediting the original author".
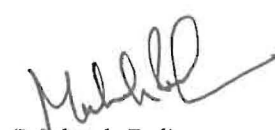
The committee deliberated at length on the issue of plagiarism for the academic work and its seriousness in the ethical framework of the academia and research. The committee recommends the following guidelines /norms for checking the plagiarism through "Turnitin" web tool (available in the Institute) in the reports on M.Tech. Dissertation /Project Dissertation (MCA) /Project (MBA) submitted by the students of NIT Kurukshetra:
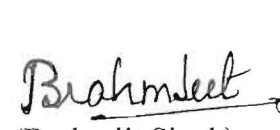
1. The Similarity Index (SI) < 20% with
   (i)   Source exclusion threshold set at 8 words
2. The following components will be excluded for generating the SI report:
   (i)   References/Bibliographic materials
   (ii)   Quoted materials
   (iii)   The text/contents prior to the first chapter, that is, Title Page, Acknowledgments, Declaration, Certificate, Table of Contents, List of Figures, List of Tables, List of Symbols & Abbreviations, and Abstract
3. Author's own published articles will be excluded from the SI report.

The meeting ended with vote of thanks to the chair.

(J K Kapoor)   (Ashutosh Kumar)   (Mahesh Pal)   (Brahmjit Singh)

Dean (Acad).

S 47.13   To note the nomination of three educationists of repute as members on the Senate of the Institute.

As per Clause 14 (d) of NITs Act, 2007, the Senate of the Institute shall consist of three persons, one of whom shall be a woman, not being employee of the Institute to be nominated by Chairperson, Board of Governors, NIT, Kurukshetra in consultation with the Director of the Institute from amongst educationists of repute, one each from the field of science, engineering and humanities.

Accordingly the Hon'ble Chairperson (Acting) BoG and Director has been pleased to nominate the following educationists of repute on the Senate of the Institute w.e.f. 07.07.2022 :-

1. Prof. Vinod Kumar   (from the field of Engineering)
   Professor,
   Electronics & Comm. Engg.,
   National Institute of Technology,
   Hamirpur (HP)

2. Prof. Prasad V. Bharatam   (from the field of Science)
   Professor & Head,
   Deptt. of Medicinal Chemistry
   National Institute of Pharmaceutical
   Education and Research (NIPER),
   Mohali (Punjab)

3. Prof. (Ms.) Manju Singh,   (from the field of Humanities)
   Professor,
   Deptt. of Humanities & Social Sciences,
   Malaviya National Institute of Technology,
   Jaipur (Rajasthan)

The Senate may please *note*.

S 47.14 **To Consider and approve the panel of 'Expert Nominee of Senate' from outside the Institute on the Selection Committees for recruitment of Academic Staff.**

As per Section 23 Clause 5(a) of the First Statutes of NITs, there is provision of one expert nominee of Senate from outside the Institute in the composition of Selection Committees for recruitment of Academic Staff. The Panel of expert nominees of the Senate from outside the Institute is to be nominated by the Senate.

The earlier panel of 'expert nominee of the Senate' will expire on 04.09.2022.

The revised panel of 'expert nominee of the Senate' from outside the Institute is being placed on the table before the Senate for consideration. The new panel of expert nominees of the Senate will be implemented after the approval of the Board.

The Senate may kindly *consider and approve.*