

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA



AGENDA

For

36th MEETING OF SENATE

Venue

Senate Hall, NIT Kurukshetra

Date & Time

21st September, 2019 at 11:00 a.m.

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S 36.01 To confirm the minutes of 35th Senate meeting held on 31.5.2019.

The minutes of 35th Senate meeting held on 31.5.2019 were circulated among Senate members through email dated 4.6.2019. No comments have been received from any member of the Senate. The minutes are enclosed as Annexure S 36.01 from pages 02 to 08.

The Senate may confirm the minutes of 35th Senate meeting held on 31.5.2019.

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA**

MINUTES OF 35th MEETING OF THE SENATE

Minutes of the 35th meeting of the Senate, NIT, Kurukshetra held on 31st May 2019 at 2.30 a.m. in the Senate Hall of the Institute.

Members Present:

1. Dr. Satish Kumar Chairperson
Director
National Institute of Technology
Kurukshetra

External Members:

2. Dr. Rashmi Gaur
Professor & Head, Deptt. of HSS
IIT Roorkee
3. Dr. S.K. Mehta
Professor, Deptt. of Chemistry
Punjab University, Chandigarh

Members

(Department wise & in alphabetical order)

Civil Engineering Department

4. Prof. ArunGoel, Professor
5. Prof. Ashwani Jain, Professor
6. Prof. Baldev Setia, Professor
7. Prof.H.K. Sharma, Professor
8. Prof. Mahesh Pal, Professor
9. Prof. Saraswati Setia, Professor
10. Prof. S.K. Madan, Professor
11. Prof. S.K. Patidar, Professor
12. Prof. S.M. Gupta, Professor
13. Prof. S.N. Sachdeva, Professor
14. Prof. Surinder Deswal, Professor

Minutes of 35th meeting of Senate on 31.5.2019







Computer Engineering Department

15. Prof. Sanjay Kumar Jain, Professor
16. Prof. R.K. Aggarwal, Professor

Chemistry Department

17. Prof. Minati Baral, Professor

Computer Application Department

18. Prof. Ashutosh Kumar Singh, Professor

Electrical Engineering Department

19. Prof. A.Swarup, Professor
20. Prof. Lillie Dewan, Professor
21. Prof. G.L. Pahuja, Professor
22. Prof. Jagdeep Singh Lather, Professor
23. Prof. K.S. Sandhu, Professor
24. Prof. Jyoti Ohri, Professor
25. Prof. L.M. Saini, Professor
26. Prof. R.S. Bhatia, Professor
27. Prof. Sathans, Professor
28. Prof. Yashpal, Professor

Electronics & Communication Engineering Department

29. Prof. Brahmjit Singh, Professor
30. Prof. O.P. Sahu, Professor
31. Prof. Rajoo Pandey, Professor
32. Prof. Umesh Ghanekar, Professor
33. Prof. N.P. Singh, Associate Prof. & HOD

Humanities & Social Sciences Department

34. Prof. Vikas Choudhary, Professor

Mechanical Engineering Department

35. Prof. Ajai Jain, Professor
36. Prof. Dixit Garg, Professor
37. Prof. Gian Bhushan, Professor
38. Prof. Hari Singh, Professor
39. Prof. Meenu, Professor
40. Prof. Pankaj Chandna, Professor



41. Prof. P.C. Tiwari, Professor
42. Prof. P.K. Saini, Professor
43. Prof. Puneet Kumar, Professor
44. Prof. Surjit Angra, Professor
45. Prof. V.K. Bajpai, Professor
46. Prof. Vinod Kumar, Professor

Mathematics Department

47. Prof. Paras Ram, Professor

Business Administration

48. Prof. Neeraj Kaushik, Associate Prof. & HOD

Physics Department

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

Member of BOG as Special Invitee

52. Prof. Karan Sharma, Associate Professor

Special Invitee

53. Prof. A.S.V. Ravi Kanth, Associate Professor & Prof. I/C (Exam.)

The following members could not attend the meeting:

1. Prof. Sudhir Kumar, MNIT Jaipur External Member

Internal Members

(Department wise & in alphabetical order)

Civil Engineering Department

2. Prof. Anupam Mittal
3. Prof. K.K. Singh
4. Prof. Pratibha Aggarwal
5. Prof. S.M. Gupta
6. Prof. Subodh Ranjan
7. Prof. V.K. Arora





Computer Engineering Department

8. Prof. A.K. Singh
9. Prof. J.K. Chhabra
10. Prof. Mayank Dave

Electrical Engineering Department

11. Prof. Ashwani Kumar
12. Prof. RatnaDahiya

Mechanical Engineering Department

13. Prof. Dinesh Khanduja, Professor

Chemistry Department

14. Prof. Dinesh Kumar, Professor
15. Prof. D.P. Singh, Professor

Electronics & Communication Engineering Department

16. Prof. R.K. Sharma, Professor

Humanities & Social Science Department

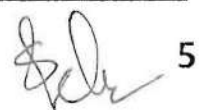
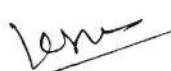
17. Prof. Kiran, Professor
18. Prof. Rajendra Kumar, Professor

At the outset, Hon'ble Director & Chairman Senate welcomed all External & Internal members who attended the Senate meeting for the first time and accorded permission to present the agenda of the meeting.

The agenda was taken up and following decisions were taken in the meeting:

S 35.01 To confirm the minutes of 34th Senate meeting held on 24.9.2018.

The Senate confirmed the minutes of 34th Senate meeting held on 24.9.2018.





S 35.02 To note the action taken report on the minutes of 34th Senate meeting held on 24.9.2018.

The Senate noted the actions taken report on the minutes of the 34th Senate meeting held on 24.9.2018 with the following observations:

S 34.10: The Committee may be constituted by the Chairman, Senate for framing the guidelines for awarding Best Major Project Award for UG students and the committee to submit the report at the earliest.

S 35.03 To note the minutes of 56th meeting of SCSA held on 28.3.2019, continued on 4.4.2019 and 57th meeting of SCSA held on 3.5.2019.

The Senate noted the minutes of 56th meeting of SCSA held on 28.3.2019, continued on 4.4.2019 and 57th meeting of SCSA held on 3.5.2019 with the following observations/decisions:

SCSA 56.01 The approved seat matrix for Ph.D. programmes in light of increase of seats due to implementation of EWS reservation be placed before BOG for approval. The seat matrix for UG and PG was revised as per MHRD guidelines and have been taken under senate agenda S35.04.

SCSA 56.02 While deliberating on Ph.D. ordinance, it was decided:

- i. that para 2 under R 7.2 contradicts the definition of 'Co-supervisor' as defined on page 7-8 of Ph.D. ordinance. Accordingly, the said paragraph "A non Ph.D. scientist/engineer having experience (in relevant area of research) of 15 years or more at the level of Associate Professor or higher may also be appointed as Co-supervisor" be deleted from Ph.D. ordinance.
- ii. Under clause R-2 (iv), it is to be added that "The tenure of external expert will be two years"
- iii. the publication requirement in refereed non-paid journals should be indexed in "SCI/SCIE/Scopus" instead of "SCI/SCIE/Scopus/Web of Science". Accordingly, the "Web of Science" mentioned in indexing of journals be deleted from Ph.D. ordinance at all places.
- iv. under clause R-13 of thesis submission, it is to be added that "Thesis should be submitted along with plagiarism report as per the parameters decided by the Institute from time to time".

SCSA 57.01 After detailed deliberations, the proposed M.Tech. Scheme (to be implemented from academic session 2019-2020), was approved after incorporating the suggestions of Senators. Further it was decided to delete the journals indexed in web of science for M.Tech. evaluation.

S 35.04 To note the approval of Chairman, Senate for revised seat matrix for UG & PG programmes due to implementation of EWS reservation.

The Senate adopted the revised seat matrix for UG & PG programmes due to implementation of EWS reservation and recommended to the Board for approval. *Pass*

S 35.05 To deliberate & consider proposed guidelines/modifications for improving institute academics.

The Chairman of the Committee gave a presentation for improving institute academics. The Senate deliberated the proposed guidelines at length and emphasized that students' feedback needs to be taken regarding the same.

S 35.06 To consider the change of subject code in M.Tech. Embedded system Design Scheme.

The Senate approved the change of subject code in M.Tech. Embedded system Design Scheme as per the agenda.

S 35.07 To note the nomination of three educationists of repute as member on the Senate of the Institute.

The Senate noted the nomination of three educationists of repute as member on the Senate of the Institute.

Verma

Prasanna

7

S 35.08 To consider and approve the Panel of Expert Nominee of Senate from outside the Institute on the Selection Committees for recruitment of Academic Staff.

The Senate approved the Panel of 'Expert Nominee of Senate' from outside the Institute on the Selection Committees for recruitment of Academic Staff and recommended to the Board for approval.

S 35.09 To consider and note the reports of the Performance Auditor and the Mentor of TEQIP-III

The Senate noted the reports of the Performance Auditor and the Mentor of TEQIP-III

Any other item:

S 35.10 With the permission of the Chair, the issue related to change the names of some M.Tech. programmes was also discussed. The following decisions were taken:

Existing name of M.Tech. programme	Approved Name
Thermal	Thermal Engineering (w.e.f. academic year 2019-20)
Soil Mechanics & Foundation Engineering	Geotechnical Engineering (w.e.f. academic year 2020-21)
Industrial & Production Engg.	Production & Industrial Engg. (w.e.f. academic year 2020-21)

The meeting ended with a vote of thanks to the Chair.



(Surinder Deswal)

Registrar Incharge & Secretary, Senate



(K S Sandhu)
Dean (Academic)



(Satish Kumar)
Director & Chairman Senate

S 36.02 To note the action taken report on the minutes of the 35th meeting of the Senate held on 31st May 2019

The actions taken on the minutes of 35th Senate meeting held on 31.5.2019 are as under: -

i) Action Taken Report on the minutes of the 35th meeting of the Senate (31.5.2019)

Item No.	Agenda Item	Minutes of the Item (Relevant Excerpts)	Action
S 35.01	To confirm the minutes of 34 th Senate meeting held on 24.9.2018.	The Senate confirmed the minutes of the 34 th meeting of the Senate held on 24.9.2018.	The Senate confirmed the minutes.
S 35.02	To note the action taken report on the minutes of 34 th Senate meeting held on 24.9.2018.	The Senate noted the actions taken report on the minutes of the 34 th Senate meeting held on 24.9.2018 with the following observations: S 34.10: The Committee may be constituted by the Chairman, Senate for framing the guidelines for awarding Best Major Project Award for UG students and the committee to submit the report at the earliest.	The Senate noted the action taken report. A committee of the following was constituted for framing the guidelines for awarding Best Major Project Award for UG students: Prof. S.N. Sachdeva Chairman Prof. L.M. Saini, HoD, Elect. Prof. P.C. Tiwari, Acting HoD, Mech Prof. Mayank Dave, HoD, Co Prof. N.P. Singh, HoD, ECE The report of committee has been received and placed as agenda item No. S 36.09
S 35.03	To note the minutes of 56 th meeting of SCSA held on 28.3.2019, continued on 4.4.2019 and 57 th meeting of SCSA held on 3.5.2019.	The Senate noted the minutes of 56 th meeting of SCSA held on 28.3.2019, continued on 4.4.2019 and 57 th meeting of SCSA held on 3.5.2019 with the following observations/decisions: SCSA 56.01 The approved seat matrix for Ph.D. programmes in light of increase of seats due to implementation of EWS reservation be placed before BOG for approval. The seat matrix for UG and PG was revised as per MHRD guidelines and have been taken under senate agenda S35.04.	The Senate noted the minutes. The Board approved the seat matrix for Ph.D. programmes in its 50 th meeting held on 20.6.2019 vide item no. BoG 50.7

		<p>SCSA 56.02 While deliberating on Ph.D. ordinance, it was decided:</p> <ol style="list-style-type: none"> i. that para 2 under R 7.2 contradicts the definition of 'Co-supervisor' as defined on page 7-8 of Ph.D. ordinance. Accordingly, the said paragraph "<i>A non Ph.D. scientist/engineer having experience (in relevant area of research) of 15 years or more at the level of Associate Professor or higher may also be appointed as Co-supervisor</i>" be deleted from Ph.D. ordinance. ii. Under clause R-2 (iv), it is to be added that "The tenure of external expert will be two years" iii. the publication requirement in refereed non-paid journals should be indexed in "SCI/SCIE/Scopus" instead of "SCI/SCIE/Scopus/Web of Science". Accordingly, the "Web of Science" mentioned in indexing of journals be deleted from Ph.D. ordinance at all places. iv. under clause R-13 of thesis submission, it is to be added that "Thesis should be submitted along with plagiarism report as per the parameters decided by the Institute from time to time" <p>SCSA 57.01 After detailed deliberations, the proposed M.Tech. Scheme (to be implemented from academic session 2019-2020), was approved after incorporating the suggestions of Senators. Further it was decided to delete the journals indexed in web of science for M.Tech. evaluation.</p>	<p>Necessary amendments have been made in the Ph.D. ordinance w.e.f. 2019-20.</p> <p>Relevant pages from Ph.D. ordinance 2019-20 are enclosed from page 13 to 16</p> <p>M.Tech. scheme and syllabi was revised by concerned HoDs/School Coordinators and implemented from academic session 2019-20.</p>
S 35.04	To note the approval of Chairman, Senate for revised seat matrix for UG & PG programmes due to implementation of EWS reservation.	The Senate adopted the revised seat matrix for UG & PG programmes due to implementation of EWS reservation and recommended to the Board for approval.	The Board approved the seat matrix for UG & PG programmes in its 50 th meeting held on 20.6.2019 vide item no. BoG 50.7.

S 35.05	To deliberate & consider proposed guidelines/modifications for improving institute academics.	The Chairman of the Committee gave a presentation for improving institute academics. The Senate deliberated the proposed guidelines at length and emphasized that students' feedback needs to be taken regarding the same	The matter is under process.								
S 35.06	To consider the change of subject code in M.Tech. Embedded system Design Scheme.	The Senate approved the change of subject code in M.Tech. Embedded system Design Scheme as per the agenda.	Needful done. This was implemented from academic year 2019-20.								
S 35.07	To note the nomination of three educationists of repute as member on the Senate of the Institute.	The Senate noted the nomination of three educationists of repute as member on the Senate of the Institute.	No further action is required.								
S 35.08	To consider and approve the 'Panel of Expert Nominee of Senate' from outside the Institute on the Selection Committees for recruitment of Academic Staff.	The Senate approved the Panel of 'Expert Nominee of Senate' from outside the Institute on the Selection Committees for recruitment of Academic Staff and recommended to the Board for approval.	The Board approved the same in its 50 th meeting held on 20.6.2019.								
S 35.9	To consider and note the reports of the Performance Auditor and the Mentor of TEQIP-III	The Senate noted the reports of the Performance Auditor and the Mentor of TEQIP-III	No further action is required.								
S 35.10	<u>Any other item:</u> With the permission of the Chair, the issue related to change the names of some M.Tech. programmes was also discussed.	The following decisions were taken:	The Board approved the same. The changed name of Thermal Engg. has been implemented from academic session 2019-20. Information has been sent to concerned departments vide letter no. Acad./19/950 dt. 23.8.2019. (pp no. -12)								
		<table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Existing name of M.Tech. programme</th> <th style="text-align: left;">Approved Name</th> </tr> </thead> <tbody> <tr> <td>Thermal</td> <td>Thermal Engineering (w.e.f. academic year 2019-20)</td> </tr> <tr> <td>Soil Mechanics & Foundation Engineering</td> <td>Geotechnical Engineering (w.e.f. academic year 2020-21)</td> </tr> <tr> <td>Industrial & Production Engg.</td> <td>Production & Industrial Engg. (w.e.f. academic year 2020-21)</td> </tr> </tbody> </table>		Existing name of M.Tech. programme	Approved Name	Thermal	Thermal Engineering (w.e.f. academic year 2019-20)	Soil Mechanics & Foundation Engineering	Geotechnical Engineering (w.e.f. academic year 2020-21)	Industrial & Production Engg.	Production & Industrial Engg. (w.e.f. academic year 2020-21)
		Existing name of M.Tech. programme		Approved Name							
		Thermal		Thermal Engineering (w.e.f. academic year 2019-20)							
Soil Mechanics & Foundation Engineering	Geotechnical Engineering (w.e.f. academic year 2020-21)										
Industrial & Production Engg.	Production & Industrial Engg. (w.e.f. academic year 2020-21)										

The Senate may note the action taken report.

OFFICE OF THE DEAN (ACADEMIC)
NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

No. Acad./19/ 950

Dated: 23.8.2019

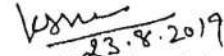
As per Senate decision in its 35th meeting held on 31.5.2019 vide item no. S 35.10, it was decided to change the names of following M.Tech. programmes w.e.f academic year 2020-21

Existing name of M.Tech. programme	Approved Name
Soil Mechanics & Foundation Engineering	Geotechnical Engineering
Industrial & Production Engg.	Production & Industrial Engg

The name of Thermal Engineering instead of Thermal has already been implemented w.e.f. academic year 2019-20.

This is for your kind information and further necessary action.

Concerned HoDs – Civil & Mech Engg.


23.8.2019
Dean (Academic)


25.8.19

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 taking effect on 1st July (every year).
- (iv) One External Expert for a tenure of two years (from panel of six experts)**
- (v) Supervisors of the scholars.
They do not, however, constitute the regular members (unless covered under (i) or (ii) or (iii)). They participate in DRC/SRC meetings only 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 comes out to be less than 5, then additional members of Professor level may be nominated by the Hon'ble Director.

For Engineering departments, if total number of members including Chairman comes out to be less than 7, then additional members of Professor level may be nominated by the Hon'ble 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 Chairman of the DRC/ SRC is not able to attend a DRC/ SRC meeting due to compelling reasons, senior most DRC/SRC member will work as Chairman, DRC/SRC.

**Panel of six experts to be recommend by the respective DRC/SRC. These should be Professor or equivalent from IIT/NIT/ IIM/IISc/IISER/R&D Organizations/ Industry.

#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 meeting whenever his scholar's comprehensive, pre-synopsis seminar and final examination is taken up. In all such cases, he will be paid TA/DA by the Institute as per rules.

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

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

R-7

THESIS SUPERVISOR(s)

R-7.1

Every registered scholar shall be assigned a research supervisor as approved by the DRC/ SRC

R-7.2

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 Schools/Departments.

Eligible faculty members, who are to retire within 3 years can be appointed only as co-supervisors.

R-7.3

Depending on the problem, a scholar may be assigned not more than three supervisors, designated as supervisor and co-supervisor(s). In no case, the number of co-supervisor shall be more than one from NIT Kurukshetra.

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, 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 inform 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 reputed Government laboratory / reputed research organization / reputed Institutes or Universities or industries in India, DRC/SRC will appoint co-supervisor with the consent of candidate and the main supervisor. However the status of main supervisor/co-supervisor will interchange, in case 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 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 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 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.

R-13.2

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 judgment 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.

R-13.3

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-14

THESIS EVALUATION

All correspondence/ notifications in regard to thesis evaluation and viva-voce examination of the 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-14.1

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 candidate's capacity for critical examination and sound judgment. 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.

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA – 136119

No. NITK / 50th BOG / 4032

Dated: 16.07.2019

The Board of Governors of the Institute at its 50th meeting held on 20.06.2019 has decided under:

BoG 50.7 To approve the items nos. S 35.03, S 35.04, S 35.08 & 35.10 of 35th meeting of the Senate, National Institute of Technology, Kurukshetra held on 31.5.2019.

The Board approved the items nos. S 35.03, S 35.04, S 35.08 & 35.10 of 35th meeting of the Senate, National Institute of Technology, Kurukshetra held on 31.5.2019 with the following:

In respect of item No. S 35.03: The board approved seat matrix for Ph.D. programmes in light of increase of seats due to implementation of EWS reservation as approved by Senate.

In respect of item No S 35.04: The Board approved the revised B.Tech. seat matrix after including EWS seats 2019-20 as per the guidelines issued in the meeting of CSAB-2019 held on 10.6.2019 at New Delhi.

In respect of item No. S 35.8: The Board approved the Panel of Expert (Senate Nominee) for a period of two years w.e.f. 05.09.2019 to 04.09.2021 i.e. after the expiry of present panel of Expert (Senate Nominee) on 04.09.2019. The Board further decided that in case an External Expert on the Selection Committee is unable to come for the meeting, efforts be made to invite a substitute from the approved panel. In the event there is no such possibility, the Board authorised the Director to invite the External Experts from outside the approved panel and post-facto approval for the same be obtained from Chairperson, BoG.

In respect of Item No. S 35.10: The Board approved the following changes in the names of some M.Tech. Programmes as approved by Senate:

Existing name of M.Tech. Programme	Approved name
Thermal	Thermal Engineering (w.e.f. academic year 2019-20)
Soil Mechanics & Foundation Engineering	Geotechnical Engineering (w.e.f. academic year 2020-21)
Industrial and Production Engineering	Production and Industrial Engg. (w.e.f. academic year 2020-21)

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

Note:

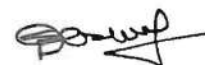
Encl: Agenda Item

Dean (Academic)


Copy to : Sr. Secretary to Registrar

HOD (Civil)

HOD (Mechanical)



Registrar (I/C)

O/c 
16.7.19

S 36.03 To note the admission status of UG and PG courses in the Institute for the academic session 2019-20.

The Institute is offering various Undergraduate and Postgraduate Programmes in addition to research leading to Degree of Doctor of Philosophy in various disciplines of Engineering & Technology, Sciences, Humanities and Social Sciences, Management and Computer Applications. At present the Institute is running 07 B.Tech., 20 M.Tech., 01 MBA and 01 MCA programme.

The admission status of UG and PG Programmes for the Academic year 2019-20 and comparison with last two academic years is attached as Annexure S 36.03 from page 18 to 29.

The Senate may note the admission status of UG and PG courses in the Institute for the academic session 2019-20.

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

Admission Status of UG Programmes (2019-20)

S No	Branch	Sanctioned Seats	Seats Filled
1	Civil Engg.	164	161
2	Computer Engg.	101	96 + 6*
3	Electrical Engg.	154	151 + 1*
4	Electronics & Communication Engg.	156	151 + 3*
5	Information Technology	108	106 + 6*
6	Mechanical Engg.	176	172 + 2*
7	Production & Industrial Engg.	106	104
	Total	965	941 + 18*

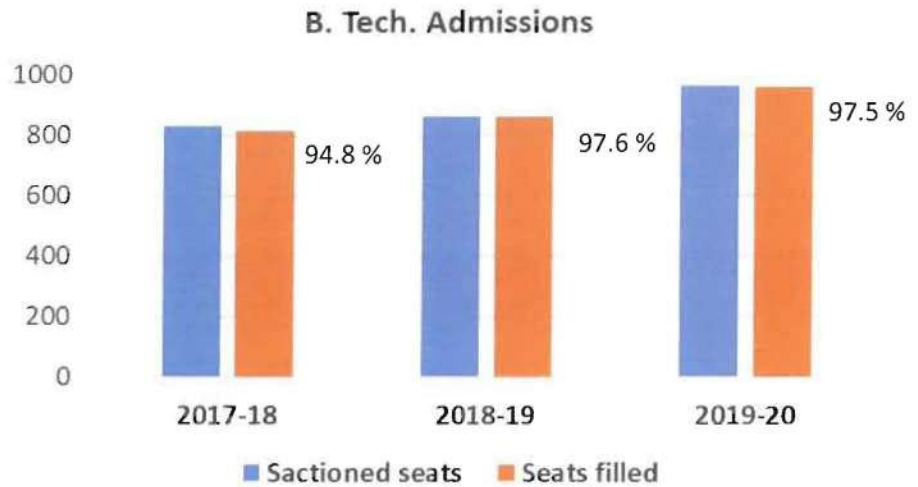
**Seats belong to DASA/MEA/ICCR Category*

PG Programme Sanctioned and admitted in 2019

Deptt./ School	PG Programmes	Sanctioned	Admitted
M.Tech Programmes			
Civil Engineering	Environmental Engg.	26	24
	Soil Mechanics & Foundation Engg.	23	22
	Structural Engg.	24	24
	Transportation Engg.	23	23
	Water Resources Engg.	21	15
Computer Engg.	Computer Engg.	31	27
	Cyber Security	25	20
Electronics & Comm. Engg.	Electronics & Comm. Engg.	30	29
Electrical Engineering	Control System	25	20
	Power Electronics & Drives	25	23
	Power System	25	24
Physics	Instrumentation	25	15
	Nanotechnology	25	09
	Materials Science & Technology	25	03
Mechanical Engg.	Industrial & Production Engg.	25	19
	Machine Design	25	23
	Thermal Engineering	30	29
School of VLSI Design & Embedded System	Embedded System Design	25	23
	VLSI Design	40	38
School of Renewable Energy & Efficiency	Renewable Energy Systems	25	14
Total(M.Tech.)		523	424
MCA		096	091
MBA		053	046
Grand Total (PG)		672	561

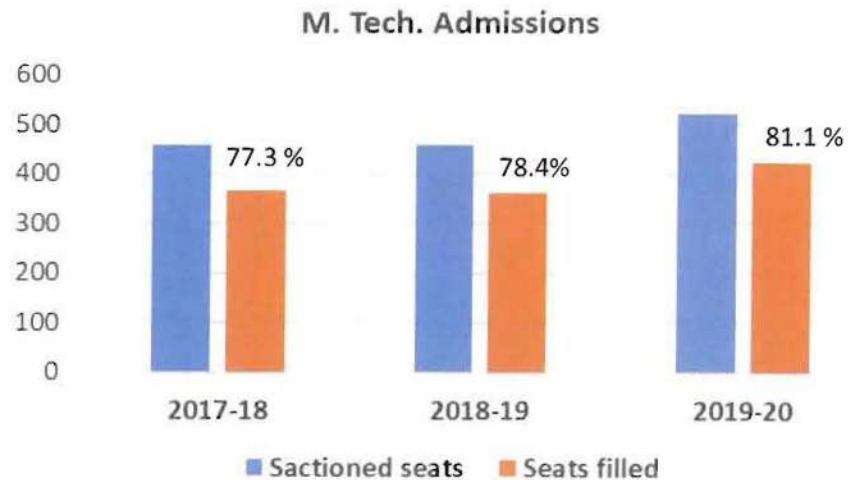
Programme	AY 2017-18		AY 2018-19		AY 2019-20	
	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled
B. Tech.	832	789 + 28*	862	841 + 21*	965	941 + 18*

**Super numeric seats*



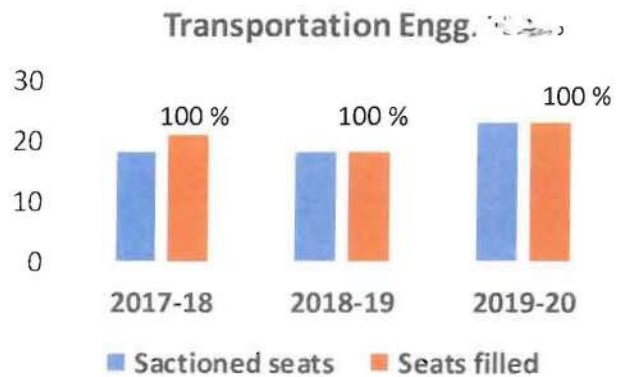
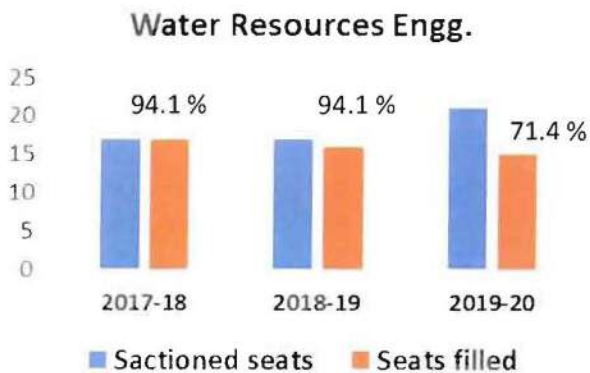
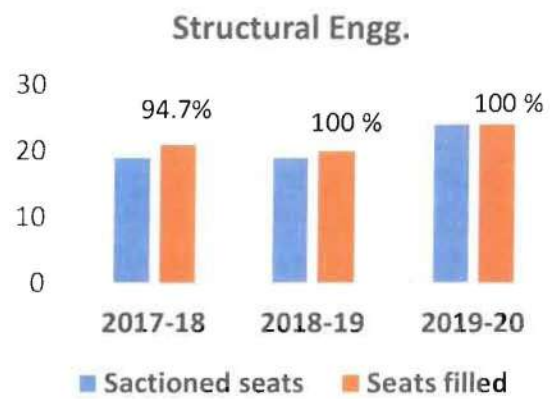
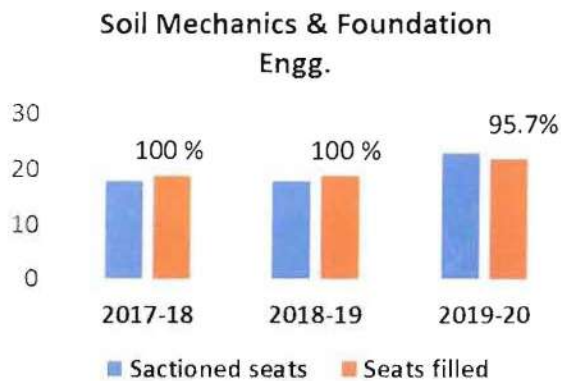
Programme	AY 2017-18		AY 2018-19		AY 2019-20	
	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled
M. Tech	458	354 + 12*	458	359 + 3*	523	424

**super numeric seats*



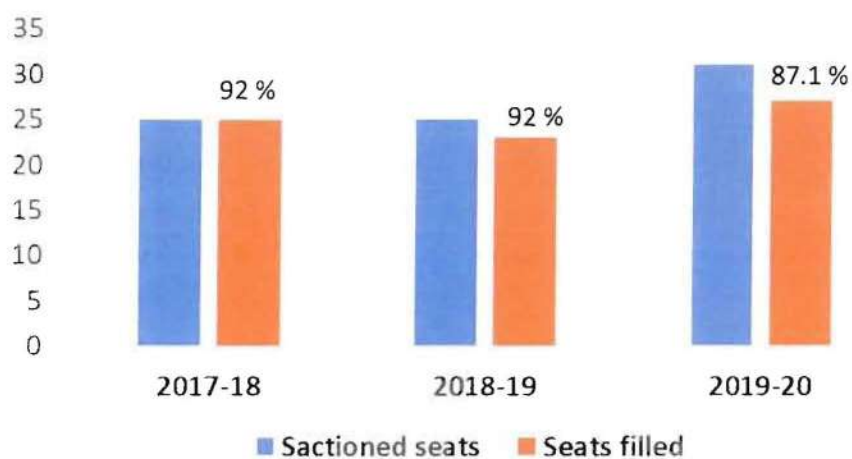
M. Tech. Programme (Civil Engg.)	AY 2017-18		AY 2018-19		AY 2019-20	
	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled
Soil Mechanics & Foundation Engg.	18	18 + 1*	18	18 + 1*	23	22
Structural Engg.	19	18 + 3*	19	19 + 1*	24	24
Water Resources Engg.	17	16 + 1*	17	16	21	15
Transportation Engg.	18	18 + 3*	18	18	23	23
Environmental Engg.	21	21 + 1*	21	21	26	24

* *super numeric seats*

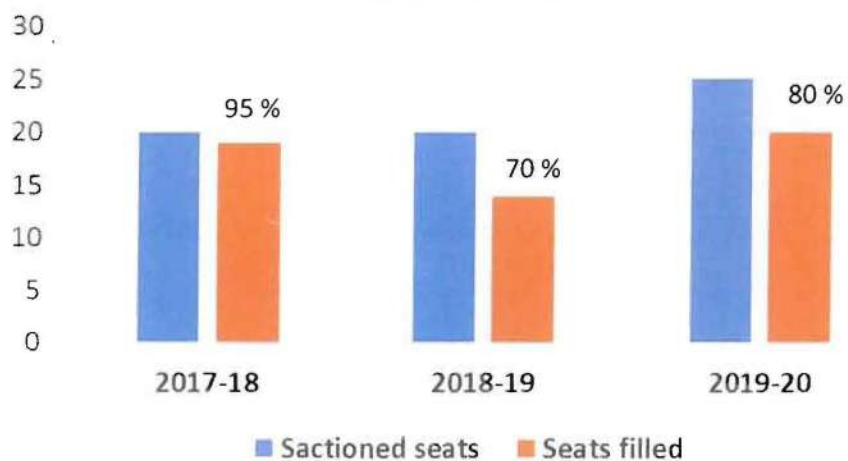


M. Tech. Programme (CSE)	AY 2017-18		AY 2018-19		AY 2019-20	
	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled
Computer Engg.	25	23 + 2*	25	23	31	27
Cyber Security	20	19	20	14	25	20

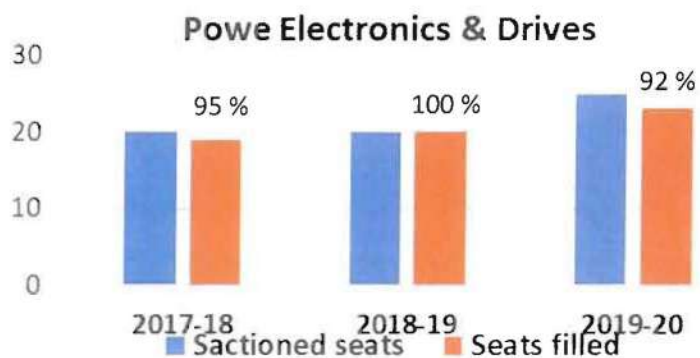
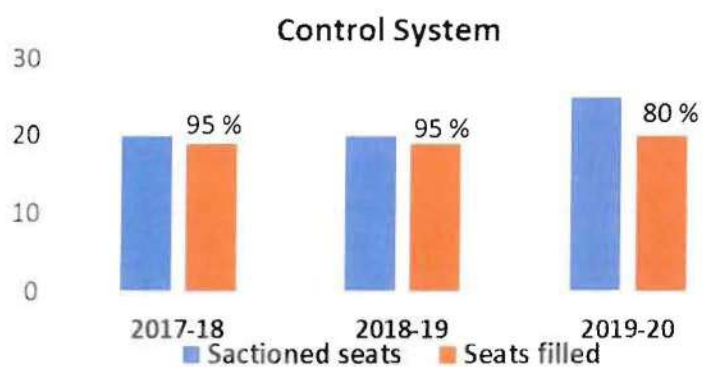
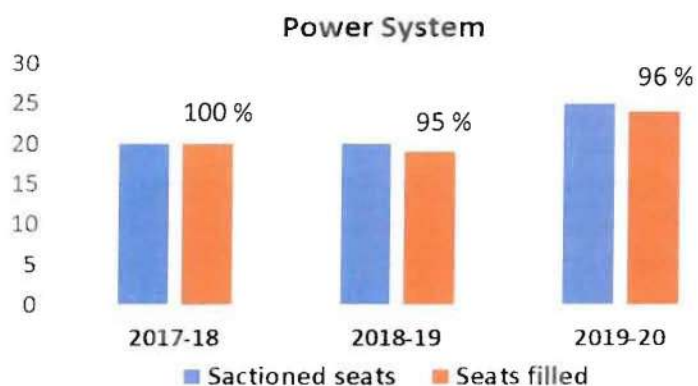
Computer Engg.



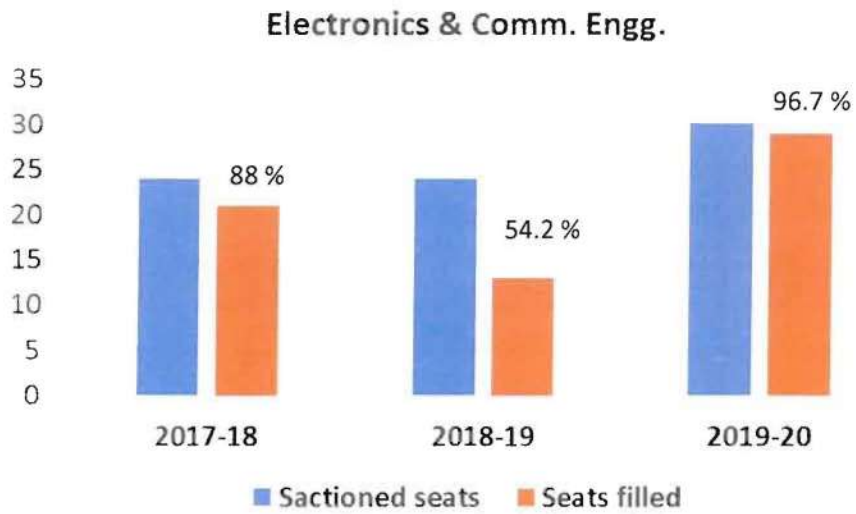
Cyber Security.



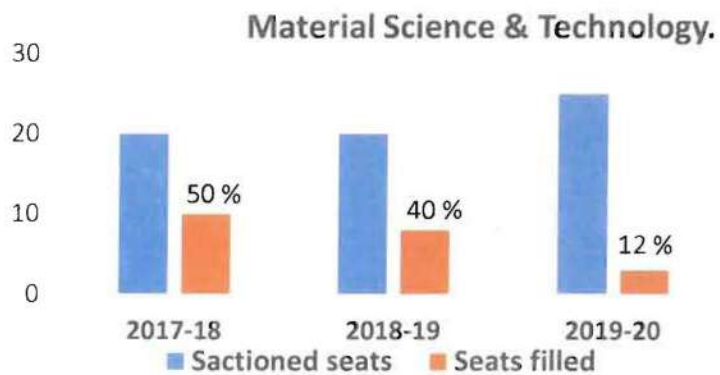
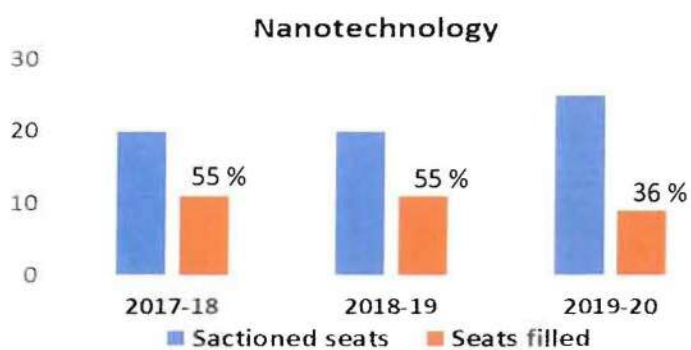
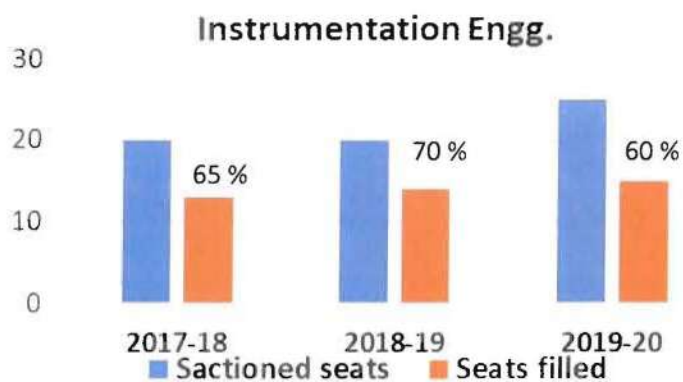
M. Tech. Programme (Elect. Engg.)	AY 2017-18		AY 2018-19		AY 2019-20	
	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled
Power System	20	20	20	19	25	24
Control System	20	19	20	19	25	20
Power Electronics & Drives	20	19	20	20	25	23



M. Tech. Programme (ECE)	AY 2017-18		AY 2018-19		AY 2019-20	
	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled
Electronics & Comm. Engg.	24	21	24	13	30	29

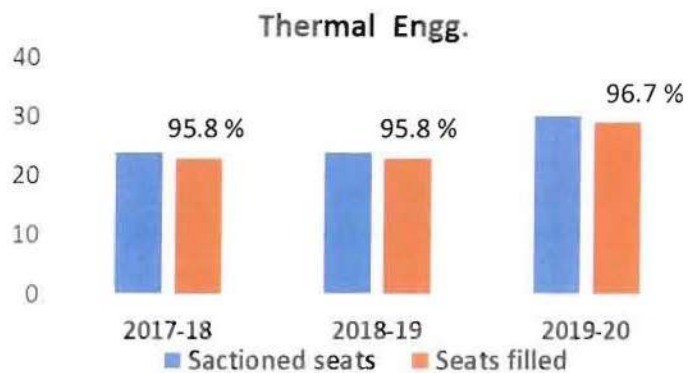
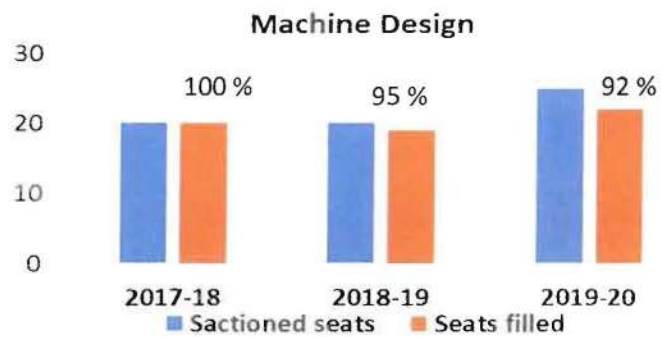
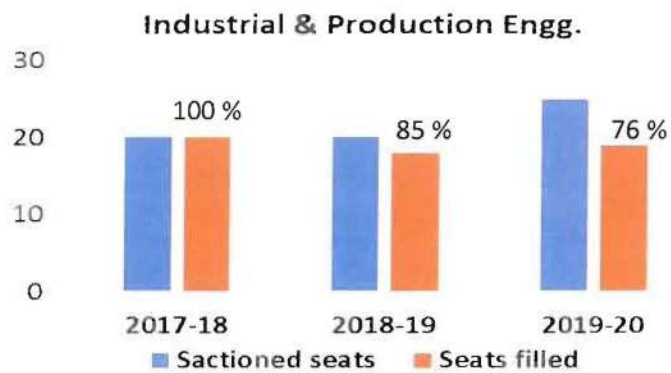


M. Tech. Programme (Physics)	AY 2017-18		AY 2018-19		AY 2019-20	
	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled
Instrumentation	20	13	20	14	25	15
Nanotechnology	20	10	20	11	25	09
Materials Science & Technology	20	10	20	08	25	03

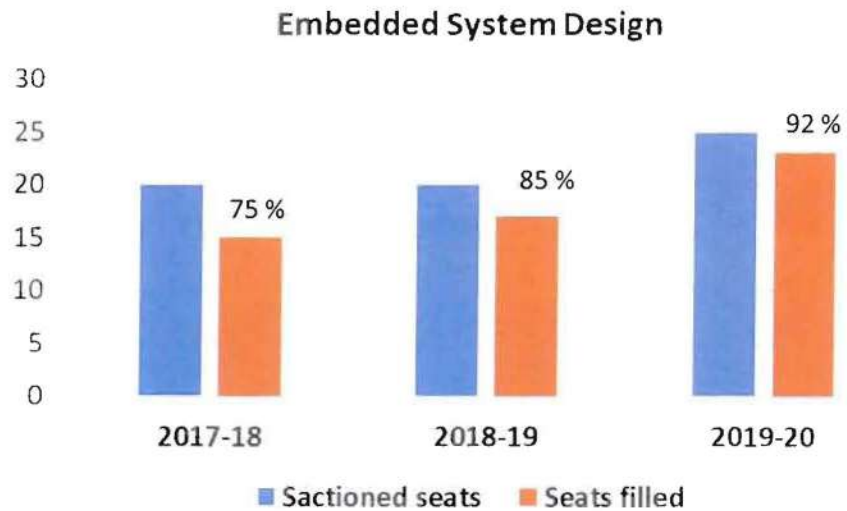
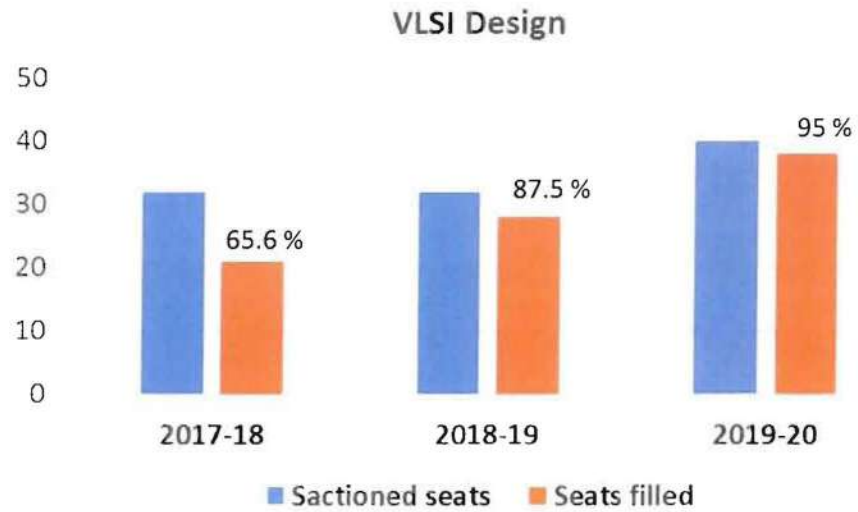


M. Tech. Programme (Mech. Engg.)	AY 2017-18		AY 2018-19		AY 2019-20	
	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled
Industrial & Production Engg.	20	20	20	17+1*	25	19
Machine Design	20	20	20	19	25	23
Thermal Engineering	24	23	24	23	30	29

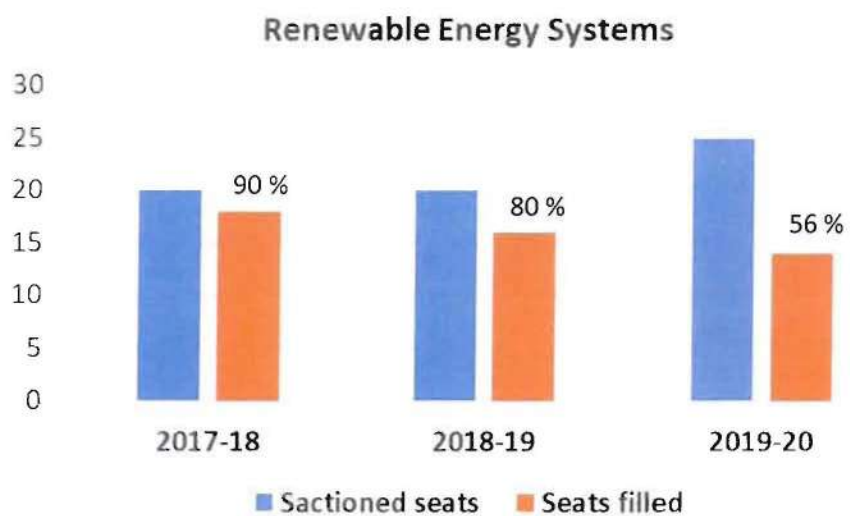
* *super numeric seats*



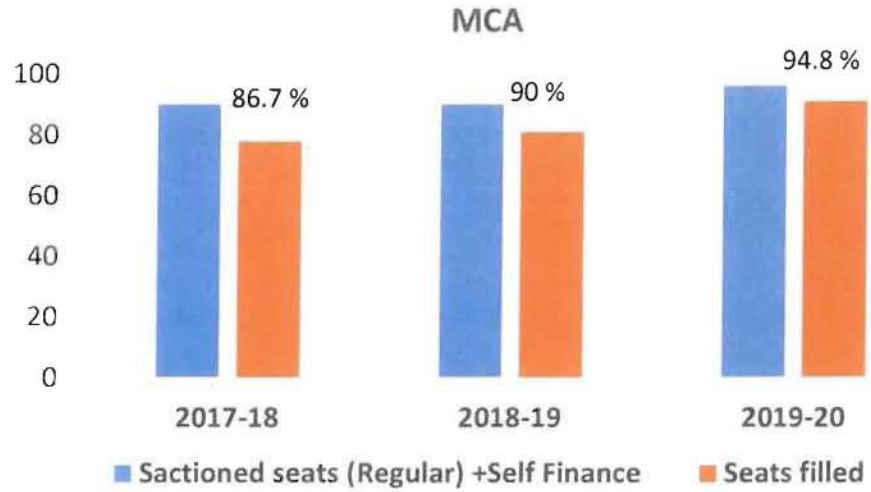
M. Tech. Programme (SVDES)	AY 2017-18		AY 2018-19		AY 2019-20	
	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled
VLSI Design	32	20 + 1*	32	28	40	38
Embedded System Design	20	15	20	17	25	23



M. Tech. Programme (SREE)	AY 2017-18		AY 2018-19		AY 2019-20	
	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled
Renewable Energy Systems	20	18	20	16	25	14

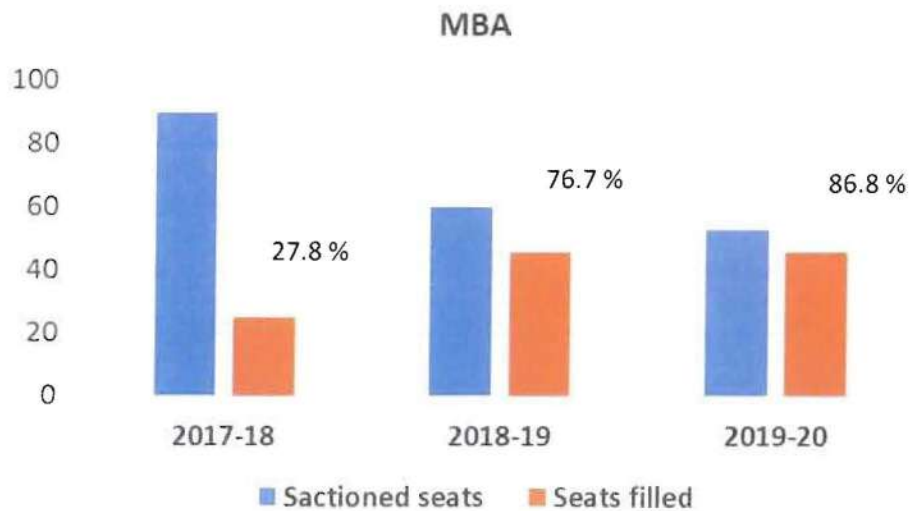


Programme (MCA)	AY 2017-18		AY 2018-19		AY 2019-20	
	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled
MCA	90	78	90	81	96	91



Programme (MBA)	AY 2017-18		AY 2018-19		AY 2019-20	
	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled	Sanctioned Seats	Seats Filled
MBA	90*	25	60	46	53	46

- Sanctioned + self-finance



S 36.04 To consider and approve the revision in fee refund norms for admission withdrawal/ cancellation from the session 2020-21 & onwards.

The present refund rules as per Senate decision dated 29.9.15 (item 26.11) for candidates withdrawing admission from the Institute are as under:

Existing Refund Rules:

No. of days from start of academic session or date of admission whichever is later to the date of withdrawal of admission	Revision in the fee for refund of fee. (Deduction of amount)
B. Tech (Regular)/M. Tech/MBA/MCA (Regular)	
3 days	Rs. 1000/-
4 to 12 days	Rs. 3000/-
13 to 30 days	Rs. 7500/-
30 days or more	Only security to be refunded.

No. of days from start of academic session or date of admission whichever is later to the date of withdrawal of admission	Revision in the fee for refund of fee. (Deduction of amount)
Self-Finance MBA/MCA and M. Tech/MBA/MCA (DASA/MEA/ICCR)	
Upto 3 days	Rs. 1000/-
4 to 15 days	Rs. 10,000/-
16 to 30 days	Rs. 16,000/-
Up to 45 days/up to 15 th September whichever is earlier	Rs. 25,000/-
After 15 September	1. Only security to be refunded for Self Finance Programmes. 2. For DASA/MEA/ICCR, normal semester fee would be deducted as applicable for regular/self-financed courses whichever is higher from the fee paid. Remaining fee along with security fee would be paid.

It is proposed to revise the refund rules for withdrawal/cancellation of UG/PG/MBA/MCA students from the session 2020-21 & onwards as under:

Case – I When the withdrawn/cancelled seats cannot be filled and remain vacant causing financial loss to institute.

No refund of tuition fee, Institute charges etc. in such cases. Only the prevailing institute security (presently Rs. 5500/-), library security (presently Rs.1100/-) and hostel security for hostellers (presently Rs. 10,000/-) will be refunded.

Case-II When the withdrawn/cancelled seats can be filled (like spot round conducted by Institute for filling vacant M.Tech./MBA/MCA seats

No. of days from start of academic session or date of admission whichever is later	Amount to be deducted from the admission fee paid
M.Tech/MBA/MCA	
Within 5 days	Rs. 5000/-
6 to 10 days	Rs. 10000/-
11 to 30 days	Rs. 15000/-
After 30 days	Only prevailing institute security, library security and hostel security (for hostellers) will be refunded.

The Senate may consider and approve the revision in fee refund norms for admission withdrawal/ cancellation from the session 2020-21 & onwards.

S 36.05 To consider the proposal to conduct odd as well as even semester examinations simultaneously in Nov./Dec and May/June examination sessions.

As per the Senate decision S 18.7 dated 1.11.2011

- (i) The end semester examinations for Odd and Even Semester courses are to be conducted in respective semesters only.
- (ii) However, for final semester students the reappear examinations of only final year B. Tech./M. Tech. courses can be conducted in the month of July every year as a special case.

There are large no. of students who have reappears in end semester examinations. There were about 1874 and 2021 reappear cases in even and odd semester respectively for year 2018. Many requests have been received from students and their parents for conducting the even semester examination along with odd semester examination.

Presently it takes about 12-13 working days to conduct end semester examinations. If odd and even semester examinations are conducted simultaneously, it will take about one month (25 working days).

It is proposed to conduct the odd as well as even semester examinations simultaneously in November/December and May/June examination sessions. If approved, the special reappear exams. held in the month of July every year for B. Tech./M. Tech. courses will not be conducted and Senate decision S 32.18 dated 1.2.2018 regarding grant of mercy chance (for UG students) after one year gap of completion of eight years from the date of admission will not be applicable for the students of 2019-20 batch & onwards. The necessary changes, in the academic calendar for academic year 2019-20, will be done accordingly.

The Senate may consider and decide.

S 36.06 To consider the proposal to conduct end semester PG examinations at departmental level.

Presently, UG and PG end semester examinations are being conducted centrally through the office of Dean (Acad.). It is proposed to conduct end semester PG examinations at the departmental level like internal/sessional examinations.

The detailed schedule of the examinations will be prepared by the office of Dean (Academic) as in case of mid semester examinations. The slots for various subjects will be finalized by HOD/Coordinator of the concerned department/school. Answer sheets for the conduct of examinations will be supplied by the Examination cell. The process of the sending the final marks/grades to examination cell will remain same. The DMCs will be prepared by the examination cell as per past practice. If approved, detailed guidelines for the conduct of PG examinations will be notified by the office of Dean (Acad.).

The Senate may discuss and decide on the proposal to conduct end semester PG examinations at the departmental level.

S 36.07 To reconsider the practice of Re-evaluation of answer books of end semester examination.

The Senate in its 30th meeting held on 6th June 2017 vide item no. S 30.05 discontinued the practice of re-evaluation. The Senate also decided to continue the existing practice of appeal with minor changes as below:

"A student not satisfied with his marks may approach the faculty.

If satisfied, ok.

If not satisfied, he/she can approach the coordinator of that course. If satisfied, ok.

If not satisfied, the student may approach the Head of the Department and request the Head of the Department in writing. Head of the Department may constitute a committee of 2-3 faculty. The decision of the committee will be final and binding".

The students are continuously filing written appeal in the office of HoDs, if they are not satisfied with the grades in the respective courses as the process of appeal does not have restrictions on last date of making request in this regards. The faculties and HoDs are facing difficulties in their day to day academic activities almost through out the semester. This is also affecting timely declaration of results and revised results due to the process of appeal.

In order to improve this system of re-evaluation, it is proposed as under:

1. The students may be allowed to apply for re-evaluation of answer books of end semester examinations within 10 days of the declaration of the results by the examination cell in the concerned department.
2. A nominal fee of Rs. 1000/- per subject may be charged for the purpose of re-evaluation. The student will pay the necessary fee in institute account and submit the request for re-evaluation in the concerned department.
3. The HoD will constitute a committee of two subject experts for the re-evaluation of answer books.
4. In case of change of status/award, the revised result will be sent to the office of Dean (Acad.) by the concerned deptt. for the approval of the Competent Authority.

The revised results must reach the office of Dean (acad.) within one month of declaration of the result.

5. The format for re-evaluation form will be prepared by the office of Dean (Acad.) and the same will be notified.

However, the process of showing the answer-books to the students will continue. Faculty will display the results on the notice boards of the departments for showing evaluated answer books to the students. Students are required to contact the concerned faculty/coordinator within three days of display of results.

The Senate may consider and decide.

Item: To consider streamlining of the Re-evaluation process

In the existing system the students are continuously coming for re-evaluation / re-examination of their answer sheets after declaration of their results in an endless manner. There is no time limit for applying for the re-evaluation. Therefore, the students are approaching the Department for re-evaluation as per their convenience and in many cases without any justification also.

In order to improve this system of re-evaluation, it is proposed as under:-

1. The students may be allowed the re-evaluation only within 14 days of the declaration of results by the examination cell.
2. A nominal fee of Rs. 500/- per subject may be charged for the purpose of re-evaluation.

The Senate may consider and decide the matter



S 36.08 To note the approval of Chairman, Senate on the report of Committee constituted to modify the existing M. Tech. Internship guidelines and propose evaluation criterion for M.Tech Thesis/Project work/Internship for new M.Tech scheme.

A committee comprising of following was constituted by the Competent Authority vide letter no. R/108/3070 dated 17.5.2019 to modify the existing M. Tech. internship guidelines and propose evaluation criterion for M.Tech Thesis/Project work/Internship of new M.Tech scheme which has been implemented w.e.f academic year 2019-20.

- | | |
|--|----------|
| 1. Prof. K.S. Sandhu, Dean (Acad.) | Chairman |
| 2. Prof. Mayank Dave, HoD, Computer Engg. | Member |
| 3. Prof. Ashwani Kumar, Prof., Elect. Engg. Deptt. | Member |
| 4. Prof. Gulshan Sachdeva, Faculty I/C (Trg.& Placement) | Member |
| 5. Prof. Gian Bhushan, Prof. I/C (Acad.) | Convener |

The Chairman, Senate has approved the report of the committee which is attached as Annexure S 36.08 from page 38 to 42.

The Senate may note.

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119

Annexure S 38.08

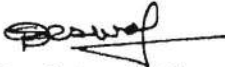
No. R / 108 / 3070

Dated: 17.05.2019

The Hon'ble Director is pleased to constitute the following committee to modify the existing M.Tech. internship guidelines:

1. Prof. K.S. Sandhu, Dean (Academic) ... Chairman
2. Prof. Mayank Dave, HOD, Comp. Engineering ... Member
3. Prof. Ashwani Sharma, Prof. EED ... Member
4. Dr. Gulshan Sachdeva, Faculty (I/C) T & P Member
- ✓ 5. Prof. Gian Bhushan, Prof. I/C (Academic) Convener

The Committee members are requested to take this matter on priority basis and submit its report to the Director within 15 days.


Registrar (I/C)

All concerned (As above)

Copy to : Sr. Secretary to Director for kind information of the Director

Dated 30.8.2019

CP-5

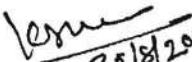
A committee comprising of following was constituted by the
[Competent Authority vide letter no. R/108/3070 dated 17.5.2019
to modify the existing M Tech. internship guidelines:

- | | |
|---|----------|
| 1 Prof. K.S Sandhu, Dean (Acad.) | Chairman |
| 2 Prof. Mayank Dave, HoD, Computer Engg. | Member |
| 3 Prof. Ashwani Kumar, Prof., Elect.Engg.Deptt. | Member |
| 4. Prof. Gulshan Sachdeva, Faculty I/C (T&P) | Member |
| 5. Prof. Gian Bhushan, Prof. I/C (Acad.) | Convener |

Committee met several times and after detailed discussions framed
the general guidelines and evaluation proposal of PG
Dissertation/Internship/Project-work.

Recommendations as proposed by the Committee are enclosed for
your consideration please.

Submitted for approval please.


30/8/2019
Dean (Acad.)


Registrar Incharge


30/8/19

Director


30/08/19




30/8/19

Dean (Acad)

Registration No.

Da 3083

Dt. 30-8-19

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

Len

- * 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.



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)

S 36.09 To consider the proposed guidelines of the Committee constituted for Awarding Best Project Award.

As per Senate decision in its 35th meeting held on 31.5.2019 vide item no. S 35.02 under action taken report on the minutes of 34th Senate meeting held on 24.9.2018 vide item no. S 34.10, a Committee comprising of following was constituted to frame the guidelines for awarding Best Major Project Award for UG students:

- | | |
|--|----------|
| 1. Prof. S.N. Sachdeva, HoD, Civil Engg. | Chairman |
| 2. Prof. L.M. Saini, HoD, Elect.Engg | Member |
| 3. Prof. P.C. Tiwari, Acting HoD, Mech.Engg. | Member |
| 4. Prof. Mayank Dave, HoD, Computer Engg. | Member |
| 5. Prof. N.P. Singh, HoD, ECE | Member |

The proposed guidelines of above committee are enclosed as Annexure S 36.09 from page 44 to 45.

The Senate may consider and decide.

Annexure S 36.09

**CIVIL ENGINEERING DEPARTMENT
NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119
01744-233347 (O), Fax: 238050, 94161-27561 (M)**

Dr. S.N. Sachdeva
Professor & HOD

No./CE/1054

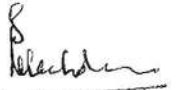
Dated: 24.08.19

Sub: Proposed Guidelines for Awarding the Best Project Award

Please find attached herewith the guidelines proposed by the committee constituted as per decision of 35th meeting of the Senate held on 31.05.19 and conveyed by Dean (Acad) vide letter No. 641 dated 12.06.19 for your consideration and further necessary action.

Dean (Acad)

DA: As above



(S.N. Sachdeva)

Chairman of the Committee

*for senate agenda
taken
26.8.2019
DA (Acad)*