

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA



AGENDA

For

35th MEETING OF SENATE

Venue of meeting	Senate Hall, NIT, Kurukshetra
Date & Time	31st May, 2019 at 2.30 p.m.

INDEX

Sr. No.	Agenda Item	Pages
S 35.01	To confirm the minutes of 34 th Senate meeting held on 24.9.2018.	1-12
S 35.02	To note the action taken report on the minutes of 34 th Senate meeting held on 24.9.2018.	13-48
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.	49-81
S 35.04	To note the approval of Chairman, Senate for revised seat matrix for UG & PG programmes due to implementation of EWS reservation.	82-102
S 35.05	To deliberate & consider proposed guidelines/modifications for improving institute academics.	103-108
S 35.06	To consider the change of subject code in M.Tech. Embedded system Design Scheme.	109-113
S 35.07	To note the nomination of three educationists of repute as member on the Senate of the Institute.	114
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.	115
S 35.09	Any other item with the permission of Chair.	-

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

The minutes of 34th Senate meeting held on 24.9.2018 were circulated among Senate members through email dated .2018. No comments have been received from any member of the Senate. The minutes are enclosed from pages 2 to 12

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

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA****MINUTES OF 34th MEETING OF THE SENATE**

Minutes of the 34th meeting of the Senate, NIT, Kurukshetra held on 24th September, 2018 at 10.30 a.m. in the Senate Hall of the Institute.

Members Present:

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

Members

(Department wise & in alphabetical order)

Civil Engineering Department

2. Prof. Arun Goel, Professor
3. Prof. Baldev Setia, Professor
4. Prof. D.K. Soni, Professor
5. Prof. K.K. Singh, Professor
6. Prof. Mahesh Pal, Professor
7. Prof. Pratibha Aggarwal, Professor
8. Prof. Saraswati Setia, Professor
9. Prof. S.K. Madan, Professor
10. Prof. S.M. Gupta, Professor
11. Prof. S.N. Sachdeva, Professor
12. Prof. Subodh Ranjan, Professor
13. Prof. Surinder Deswal, Professor
14. Prof. V.K. Arora, Professor

Computer Engineering Department

15. Prof. J.K. Chhabra, Professor
16. Prof. Mayank Dave, Professor
17. Prof. Sanjay Kumar Jain, Professor
18. Prof. R.K. Aggarwal, Associate Prof. & HOD



**Chemistry Department**

19. Prof. Dinesh Kumar, Professor
20. Prof. D.P. Singh, Professor
21. Prof. Minati Baral, Professor
22. Prof. J.K. Kapoor, Associate Prof. & HOD

Computer Application Department

23. Prof. Ashutosh Kumar Singh, Professor

Electrical Engineering Department

24. Prof. A.Swarup, Professor
25. Prof. Ashwani Kumar, Professor
26. Prof. G.L. Pahuja, Professor
27. Prof. Jagdeep Singh Lather, Professor
28. Prof. K.S. Sandhu, Professor
29. Prof. L.M. Saini, Professor
30. Prof. Ratna Dahiya, Professor
31. Prof. R.S. Bhatia, Professor
32. Prof. Yashpal, Professor

Electronics & Communication Engineering Department

33. Prof. Brahmjit Singh, Professor
34. Prof. O.P. Sahu, Professor
35. Prof. Rajoo Pandey, Professor
36. Prof. R.K. Sharma, Professor
37. Prof. Umesh Ghanekar, Professor
38. Prof. Vikas Mittal, Associate Prof. & HOD

Humanities & Social Sciences Department

39. Prof. Kiran Mor, Professor
40. Prof. Rajendra Kumar, Professor
41. Prof. Vikas Choudhary, Professor

Mechanical Engineering Department

42. Prof. Ajai Jain, Professor
43. Prof. Dinesh Khanduja, Professor
44. Prof. Dixit Garg, Professor
45. Prof. Gian Bhushan, Professor
46. Prof. Hari Singh, Professor
47. Prof. Pankaj Chandna, Professor
48. Prof. P.C. Tiwari, Professor
49. Prof. Surjit Angra, Professor

Mathematics Department

50. Prof. Paras Ram, Professor



Business Administration

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

Physics Department

52. Prof. Ashavani Kumar, Professor

53. Prof. Neena Jaggi, Professor

Special Invitee

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

55. Prof. Surinder Deswal, Registrar Incharge

Secretary

The following members could not attend the meeting:

- | | |
|---------------------------------|-----------------|
| 1. Prof. Konduri Raja Rajeswari | External Member |
| 2. Prof. Yashwant Singh | External Member |
| 3. Prof. D.K. Nauriyal | External Member |

Internal Members

(Department wise & in alphabetical order)

Civil Engineering Department

4. Prof. Anupam Mittal
5. Prof. Ashwani Jain
6. Prof. H.K. Sharma
7. Prof. Parveen Aggarwal
8. Prof. S.K. Patidar
9. Prof. V.P. Singh

Computer Engineering Department

10. Prof. A.K. Singh

Electrical Engineering Department

11. Prof. Jyoti Ohri
12. Prof. Sathans

Mechanical Engineering Department

13. Prof. V.K. Bajpai, Professor



At the outset, Hon'ble Director & Chairman Senate welcomed the members and accorded permission to present the agenda of the meeting.

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

S 34.01 To confirm the minutes of 33rd Senate meeting held on 8.5.2018.

The Senate confirmed the minutes of the 33rd meeting of the Senate held on 8.5.2018.

S 34.02 To note the action taken report on the minutes of 33rd Senate meeting held on 8.5.2018.

The Senate noted the action taken report on the minutes of 33rd Senate meeting held on 8.5.2018.

S 34.03 To note the minutes of 55th meeting of SCSA held on 13.6.2018.

The Senate noted the minutes of 55th meeting of SCSA held on 13.6.2018. It was decided that SCSA minutes would be circulated to all Senate members now onwards.

S 34.04 To note the admission status of various UG and PG courses in the Institute for the academic session 2018-19.

The Senate noted the admission status of various UG and PG courses in the Institute for the academic session 2018-19. The Senate expressed deep concern about the low admission in some of the PG courses and desired that steps should be taken by the concerned HoDs/Coordinators to increase the admission in those courses where admission is less than 60%. Further, the Senate decided that HOD, Department of Business Administration has to submit the revised criteria for MBA admissions that ensures the quality of intake. The Senate authorized the Chairman, Senate to approve the revised criteria.

S 34.05 To note the admission status of various UG Courses in Indian Institute of Information & Technology (IIIT) Sonapat for the year 2018-19.

The Senate noted the admission status of various UG courses in Indian Institute of Information & Technology (IIIT) Sonapat.

S 34.06 To note the results' summary of final year students of various UG and PG Programmes of NIT Kurukshetra.

The Senate noted the results' summary of final year students of various UG and PG Programmes of NIT Kurukshetra. The Senate desired that HODs of Production & Industrial, Mechanical & ECE departments will submit a detailed report highlighting the reasons for lower pass percentage and suggestions/recommendations for improving pass percentage. The report will be submitted to the Dean (Acad.) and will be analyzed by a Committee constituted by the Hon'ble Director for further necessary action.

S 34.07 To note the results' summary of final year students of various UG Programmes of IIIT Sonapat in May/June, 2018 examinations.

The Senate noted the results' summary of final year students of various UG Programmes of IIIT Sonapat.

S 34.08 To note the placement status of the students of all programmes of the Institute.

The Senate noted the placement statistics of the students of all UG & PG programmes of the Institute for the academic session 2017-18. Prof. I/C (Training & Placement) informed the Senators that more MoUs with the leading industries will be signed to enhance industrial visits, live industrial projects and paid internships. The efforts are also being made to establish relations with renowned Indian/foreign universities in terms of student exchange and internships. He also informed that workshops/lectures will be organized to improve the soft skills of the students.





S 34.09 To approve the list of students to be awarded degrees in 16th Convocation, 2018 scheduled to be held on 13.11.2018.

The Senate approved the list of students to be awarded degrees in 16th Convocation, 2018. It was also decided that 16th Convocation will now be held on 16th November 2018.

It was decided that in case some more students become eligible for the award of degrees on or before **26th October, 2018**, their names may also be added to the list of degree awardees after due approval of the Chairman, Senate.

The Senate confirmed the minutes of agenda and recommended to the Board of Governors for approval.

S 34.10 To approve the award of Medals and Prizes to the students of all programmes of the Institute.

The Senate approved the award of Medals and Prizes to the students of all programmes of the Institute. The Senate resolved that in interest of IIIT Sonapat students who are also getting pass out from this Institute, they will also be considered for the award of branch wise toppers and Academic Prizes along with the students of NIT Kurukshetra. The Senate also desired that a committee may be constituted by the Chairman, Senate for framing the guidelines for awarding Best Major Project Award for UG students.

The Senate confirmed the minutes of agenda and recommended to the Board of Governors for approval.

S 34.11 To consider and approve the minor modifications in UMC Rules

The Senate approved the minor modifications in UMC Rules. It was also resolved that UMC rules should be printed on the answer sheets.

S 34.12 To consider and recommend the names for External Review Committee.

The Senate authorized the Chairman, Senate to recommend the names for External Review Committee to be placed before the Board of Governors for approval and sent to the Ministry.

S 34.13 To consider the nomination of one Professor and one Associate Professor/ Assistant Professor of the Institute on the Board of Governors as per NIT Act 2007.

The Senate authorized the Chairman, Senate to recommend the name of one Professor and one Assistant Professor of the Institute on the Board of Governors as per NIT Act 2007.

S 34.14 To consider and approve the syllabus of Audit Course in B.Tech. 2nd sem. for B.Tech. 1st year students in Physical Education & sports.

The Senate deliberated on the issue and authorized the Chairman, Senate to constitute a committee for preparation of revised syllabus in light of the suggestions/discussions. Further, the said committee is to submit its report within 4 weeks.

S 34.15 To review and recommend the relevance and performance of PG courses.

The Senate deliberated upon the report of the Committee and resolved:

- i. The PG course of 'Molecular Engg. and Advance Chemical Analysis' run by Department of Chemistry be discontinued from next academic year 2019-20.
- ii. The PG course of 'Biomedical Engg.' may be offered as M.Tech. course in ECE Deptt. from next academic year 2019-20 and its performance will be assessed after one year.
- iii. The School of Material Science & Technology may be merged in Mech. Engg. Deptt. while the School of Renewable Energy & Efficiency may be merged in Mech. Engg./ Elect. Engg. so as to continue the PG courses offered by these schools in the respective departments from the next academic year 2019-20.

Further, it was also resolved that Coordinators of Schools of Material Science & Technology, Biomedical Engg. and Renewable Energy &



Efficiency will make a presentation before the Board in its ensuing meeting to appraise their views and status thereof.

S 34.16 To consider and approve the modification in Grade Based Examination System.

The Senate approved the modification in Grade Based Examination System. The approved grade table is as follows:

Sr. No.	Marks obtained & Grade	Category	Grade Points
1	$85 \leq A+ \leq 100$	Excellent	10
2	$75 \leq A < 85$	Very Good	9
3	$65 \leq B < 75$	Good	8
4	$50 \leq C < 65$	Average	6
5	$40 \leq D < 50$	Pass	4
6	$0 \leq F < 40$	Re-appear	0

S 34.17 To consider and decide the fee structure for students not clearing 1st year within 2 years.

The Senate deliberated upon the issue at length and decided that:

- 1) The students who are detained in any of the subjects will be charged tuition fee @ 5% of the applicable tuition fee of the student.
- 2) The students who have only re-appears and are not detained will be charged prevailing examination fee.

This shall be applicable to students admitted from session 2017-18 and onwards.

For the students admitted before session 2017-18, it was resolved that while calculating the tuition fee as per the Senate decision, ₹ 31.09, the maximum tuition fee as applicable to normal category will be considered for all categories of the students including DASA, MEA & ICCR students.



In addition to tuition fee, student has to pay prevailing hostel (if residing) and other Institute charges.

S 34.18 To consider and approve the report of the committee constituted to frame the new guidelines and criteria for Ph.D. admission, scholarships and areas of research etc.

The Senate resolved to circulate the draft of Ph.D. Ordinance among the Senators for seeking their comments within 15 days to Dean (Academic). The comments will be placed before the same committee for consideration. Further, the Senate also resolved that the final recommendations may be put up in SCSA for approval and implementation.

S 34.19 To consider conferring of the degrees to the graduates of the Indian Institute of Information Technology Sonapat during the 16th Convocation of NIT Kurukshetra.

The Senate approved the degrees to the graduates of the Indian Institute of Information Technology Sonapat during the 16th Convocation of NIT Kurukshetra.

The Senate confirmed the minutes during the meeting itself.

S 34.20 To approve the degree format of B.Tech. programme of IIIT Sonapat Students.

The Senate approved the proposed degree format of B.Tech. programme of IIIT Sonapat with the modification that name of mentor Institute (i.e. NIT Kurukshetra) may be included below the signatures of Chairman Board of Governors, Director & Registrar NIT Kurukshetra. It was also decided to include photograph of the student in the degree. Further, the name of mentor Institute is to be highlighted choosing appropriate font size.

The Senate confirmed the minutes during the meeting itself.

S 34.21 To discuss the issues related to dress code of 16th Convocation 2018.

The Senate discussed the representations and recommendations of Chief Warden (GH) related to dress code of 16th Convocation 2018 and

Handwritten mark



recommended the following revised dress code for female degree recipients:

Formal white shirt with black paint OR
Off white saree with black blouse OR
Black salwar with white kurta

Shoes and Stole for female degree recipients remain unchanged.

All the Senators will wear Stole.

The Senate confirmed the minutes for approval of BoG.

S 34.22 To consider and approve revised syllabi of MBA Programme w.e.f. Academic Session 2019-20.

The Senate approved revised syllabi of MBA programme from Academic Session 2019-20.

S 34.23 To consider and approve syllabi of Intellectual Property Rights (IPR) course to be offered in B.Tech. 7th semester as Open Elective Course w.e.f. Academic Session 2019-20.

The Senate deliberated on this issue at length and after detailed discussions, it was felt that course contents of IPR are very useful to Ph.D. students instead of B.Tech, who have already taken another similar course being run by the Department of Humanities & SS. It was decided to include it in the syllabi of Research Methodology which is a compulsory course for Ph.D. students with 4 credits. The syllabus of RM has to be modified as :

Unit I - To be decided by HOD (Maths.)
Unit II & Unit III- To be decided by the concerned departments.
Unit IV - To be decided by Coordinator, IPR Cell.

HOD, Mathematics and Coordinator, IPR Cell will frame the syllabi of their units and submit to Dean (Acad.) within one week for approval from Chairman, Senate & implementation.



NIT Kurukshetra

- S 34.24 To consider and approve introduction of French Language for MBA students as non-credit course and certificate/diploma course for B.Tech. students.**

The Senate deliberated upon this agenda at detail and resolved that detailed proposal including financial implications should be submitted in next Senate and the proposal should be as per the provisions of NIT Statute.

- S 34.25 To consider conferment of Honorary Degree of Ph.D. (Honoris causa) on Shri Pawan Munjal, Chairman, Managing Director & CEO Hero MotoCorp Ltd.**

The Senate approved the conferment of Honorary Degree of Ph.D. (Honoris causa) on Shri Pawan Munjal, Chairman, Managing Director & CEO Hero MotoCorp Ltd.

The conferment of Honorary Degree is as per the clause 39 of the First Statute of National Institute of Technology, published in Gazette of India dated 23.4.2009.

The Senate confirmed the minutes of agenda during the meeting itself.

In concluding remarks, the Chairman Senate desired that in future, an agenda proposed by any department/section should be self-explanatory having complete details including financial and manpower implications etc.

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

(Surinder Deswal)

Registrar Incharge & Secretary, Senate

(K S Sandhu)
Dean (Academic)

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

The actions taken on the minutes of 34th Senate meeting held on 24.9.2018 are as under: -

i) Action Taken Report of the minutes of the 34th meeting of the Senate (24.9.2018)

Item No.	Agenda Item	Minutes of the Item (Relevant Excerpts)	Action
S 34.01	To confirm the minutes of 33rd Senate meeting held on 8.5.2018.	The Senate confirmed the minutes of the 33 rd meeting of the Senate held on 8.5.2018.	The Senate confirmed the minutes.
S 34.02	To note the action taken report on the minutes of 33rd Senate meeting held on 8.5.2018.	The Senate noted the action taken report on the minutes of 33 rd Senate meeting held on 8.5.2018.	The Senate noted the action taken report.
S 34.03	To note the minutes of 55th meeting of SCSA held on 13.6.2018	The Senate noted the minutes of 55 th meeting of SCSA held on 13.6.2018. It was decided that SCSA minutes would be circulated to all Senate members now onwards.	The Senate noted the minutes.
S 34.04	To note the admission status of various UG and PG courses in the Institute for the academic session 2018-19.	The Senate noted the admission status of various UG and PG courses in the Institute for the academic session 2018-19. The Senate expressed deep concern about the low admission in some of the PG courses and desired that steps should be taken by the concerned HoDs/Coordinators to increase the admission in those courses where admission is less than 60%. Further, the Senate decided that HOD, Department of Business Administration has to submit the revised criteria for MBA admissions that ensures the quality of intake. The Senate authorized the Chairman, Senate to approve the revised criteria.	The Senate noted the admission status for the academic session 2018-19. Criteria for MBA admissions 2019-20, was approved by Chairman, Senate before its advertisement. pp <u>21-23</u>
S 34.05	To note the admission status of various UG courses in Indian Institute of Information & Technology (IIIT) Sonapat.	The Senate noted the admission status of various UG courses in Indian Institute of Information & Technology (IIIT) Sonapat.	The Senate noted the admission status in IIIT Sonapat.
S 34.06	To note the results' summary of final year students of various UG and PG Programmes of NIT Kurukshetra.	The Senate noted the results' summary of final year students of various UG and PG Programmes of NIT Kurukshetra. The Senate desired that HODs of	The Senate noted the results' summary of final year students of UG and PG programmes.

Agenda of 35th meeting to be held on 31st May 2019

		Production & Industrial, Mechanical & ECE departments will submit a detailed report highlighting the reasons for lower pass percentage and suggestions/recommendations for improving pass percentage. The report will be submitted to the Dean (Acad.) and will be analyzed by a Committee constituted by the Hon'ble Director for further necessary action.	Further, the BOG of the Institute in its 46 th meeting held on 23.10.2018 vide item no. BoG 46.6 decided as under: "The HoDs shall make presentation of their respective departments in the next Board meeting". The notification issued vide letter no. Dean (Acad.)/18/1140 dated 28.11.2018. pp <u>2A</u>
S 34.07	To consider the result summary of students of UG programmes of Indian Institute of Information & Technology (IIIT) Sonapat in May/June, 2018 examinations.	The Senate noted the results' summary of final year students of various UG Programmes of IIIT Sonapat.	The Senate noted the results' summary of final year students of various UG Programmes of IIIT Sonapat.
S 34.08	To consider the placement status of the students of all programmes of the Institute.	The Senate noted the placement statistics of the students of all UG & PG programmes of the Institute for the academic session 2017-18. Prof. I/C (Training & Placement) informed the Senators that more MoUs with the leading industries will be signed to enhance industrial visits, live industrial projects and paid internships. The efforts are also being made to establish relations with renowned Indian/foreign universities in terms of student exchange and internships. He also informed that workshops/lectures will be organized to improve the soft skills of the students.	The Senate noted the placement statistics of the students of all UG & PG programmes of the Institute for the academic session 2017-18.
S 34.9	To approve the list of students to be awarded degree in the 16 th Convocation of the Institute.	The Senate approved the list of students to be awarded degrees in 16 th Convocation, 2018. It was also decided that 16 th Convocation will now be held on 16 th November 2018. It was decided that in case some more students become eligible for the award of degrees on or before 26 th October, 2018, their names may also be added to the list of degree awardees after due approval of the Chairman, Senate. The Senate confirmed the minutes of agenda and recommended to the Board of Governors for approval.	The lists were approved by BOG and degrees awarded in 16 th Convocation of the Institute in Nov.2018.



S 34.10	To approve award of Medals and Prizes to the students of all programmes of the Institute.	<p>The Senate approved the award of Medals and Prizes to the students of all programmes of the Institute. The Senate resolved that in interest of IIIT Sonepat students who are also getting pass out from this Institute, they will also be considered for the award of branch wise toppers and Academic Prizes along with the students of NIT Kurukshetra. The Senate also desired that a committee may be constituted by the Chairman, Senate for framing the guidelines for awarding Best Major Project Award for UG students. The names of the students for the PG awards will be decided as per result available on 26th October 2018.</p> <p>The Senate confirmed the minutes of agenda and recommended to the Board of Governors for approval as per the clause 36 of the First Statute of National Institute of Technology, published in Gazette of India dated 23.4.2009.</p>	The minutes were approved by BOG and medals and prizes were distributed in 16 th Convocation held in Nov. 2018.
S 34.11	To consider and approve the minor modifications in UMC Rules.	The Senate approved the minor modifications in UMC Rules. It was also resolved that UMC rules should be printed on the answer sheets.	Notification issued vide letter No. Dean (Acad.)/ 961 dated 12.10.2018. pp <u>25</u>
S 34.12	To consider and decide the names for External Review Committee.	The Senate authorized the Chairman, Senate to recommend the names for External Review Committee to be placed before the Board of Governors for approval and sent to the Ministry.	<p>The Board of Governors of the Institute in its 46th meeting held on 23.10.18 vide item no. BOG 46.9 approved the External Peer Review Committee as:</p> <p>Two reputed persons from Academia : 1.Prof. Prem Vrat, Former Director, IIT Roorkee 2.Prof. S.K. Garg, Pro-Vice-Chancellor, DTU Delhi</p> <p>Two Experts from Industry: 1.Sh. Rajdeep Saharawat, Head International Business (Public Sector), TATA Consultancy Services 2.Dr. Rajender Kumar, GM (Tech.) N.H.A.I. New Delhi</p>

			<p>One Eminent Citizen 1.Er. Shyam Sunder Singhal Director, VPS Agro & Auto Pvt.Ltd.</p> <p>One NIT Alumni 1.Sh. Ajay Pandey, Managing Director & Group CEO Gift City (Gujrat) pp <u>26-28</u></p>
S 34.13	To consider the nomination of one Professor and one Associate Professor/ Assistant Professor of the Institute on the Board of Governors as per NIT Act 2007.	The Senate authorized the Chairman, Senate to recommend the name of one Professor and one Assistant Professor of the Institute on the Board of Governors as per NIT Act 2007	The Chairman, Senate recommended & BOG approved the following names: 1.Prof.S.K.Madan, Prof. CED 2.Prof. Karan Sharma, Asstt.Prof. ECE pp <u>29-30</u>
S 34.14	To approve the syllabus of Audit Course in B.Tech. 2nd sem. for B.Tech. 1st year students in Physical Education & sports.	The Senate deliberated on the issue and authorized the Chairman, Senate to constitute a committee for preparation of revised syllabus in light of the suggestions/discussions. Further, the said committee is to submit its report within 4 weeks.	A committee comprising of following constituted by the Chairman, Senate submitted the revised syllabus of audit course. 1.Prof. Baldev Setia-Chairman 2.Prof. D.P.Singh- Member 3.Prof. Ratna Dahiya- Member 4.Prof. P.C. Tiwari- Member The revised syllabus as prepared was approved and implemented w.e.f. even semester 2018-19. Pp <u>31-36</u>
S 34.15	To review the relevance and performance of PG courses.	The Senate deliberated upon the report of the Committee and resolved: i. The PG course of 'Molecular Engg. and Advance Chemical Analysis' run by Department of Chemistry be discontinued from next academic year 2019-20. ii. The PG course of 'Biomedical Engg.' may be offered as M.Tech. course in ECE Deptt. from next academic year 2019-20 and its performance will be assessed after one year. iii. The School of Material Science & Technology may be merged in Mech. Engg. Deptt. while the School of Renewable Energy & Efficiency may be merged in	The matter was taken in the meeting of BOG. It was decided vide item no. 46.20 i.The admissions to PG course of 'Molecular Engg. and Advance Chemical Analysis' run by the Deptt. of Chemistry may be discontinued from academic year 2019-20. ii.The School of Material Science & Technology be merged with Deptt. of Phy. And the PG course of

		<p>Mech. Engg./ Elect. Engg. so as to continue the PG courses offered by these schools in the respective departments from the next academic year 2019-20. Further, it was also resolved that Coordinators of Schools of Material Science & Technology, Biomedical Engg. and Renewable Energy & Efficiency will make a presentation before the Board in its ensuing meeting to appraise their views and status thereof.</p>	<p>"Material Science & Technology" presently run by School of Material Science & Technology shall be run by Physics Deptt. as a separate PG course from academic year 2019-20.</p> <p>The admissions to PG course of "Bio-medical Engg." run by School of Bio-medical Engg. be discontinued from academic year 2019-20.</p> <p>The notifications issued to all concerned vide no. Dean (Acad.)/18/1137, 1138 & 1139 dt. 27/28.11.2018.</p> <p>pp <u>37-44</u></p>																												
S 34.16	To consider and approve the modification in Grade Based Examination System.	<p>The Senate approved the modification in Grade Based Examination System. The approved grade table is as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Sr. No.</th> <th style="text-align: center;">Marks obtained & Grade</th> <th style="text-align: center;">Category</th> <th style="text-align: center;">Grade Points</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">$85 \leq A+ \leq 100$</td> <td style="text-align: center;">Excellent</td> <td style="text-align: center;">10</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">$75 \leq A < 85$</td> <td style="text-align: center;">Very Good</td> <td style="text-align: center;">9</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">$65 \leq B < 75$</td> <td style="text-align: center;">Good</td> <td style="text-align: center;">8</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">$50 \leq C < 65$</td> <td style="text-align: center;">Average</td> <td style="text-align: center;">6</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">$40 \leq D < 50$</td> <td style="text-align: center;">Pass</td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: center;">6</td> <td style="text-align: center;">$0 \leq F < 40$</td> <td style="text-align: center;">Re-appear</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>	Sr. No.	Marks obtained & Grade	Category	Grade Points	1	$85 \leq A+ \leq 100$	Excellent	10	2	$75 \leq A < 85$	Very Good	9	3	$65 \leq B < 75$	Good	8	4	$50 \leq C < 65$	Average	6	5	$40 \leq D < 50$	Pass	4	6	$0 \leq F < 40$	Re-appear	0	<p>Notification issued vide letter No. Dean (Acad.)/962 dated 12.10.2018.</p> <p>pp <u>45</u></p>
Sr. No.	Marks obtained & Grade	Category	Grade Points																												
1	$85 \leq A+ \leq 100$	Excellent	10																												
2	$75 \leq A < 85$	Very Good	9																												
3	$65 \leq B < 75$	Good	8																												
4	$50 \leq C < 65$	Average	6																												
5	$40 \leq D < 50$	Pass	4																												
6	$0 \leq F < 40$	Re-appear	0																												
S 34.17	To consider and decide the fee structure for students not clearing 1st year within 2 years.	<p>The Senate deliberated upon the issue at length and decided that:</p> <p>The students who are detained in any of the subjects will be charged tuition fee @ 5% of the applicable tuition fee of the student.</p>	<p>Notification issued vide letter no. Dean(Acad.)/967 dated 16.10.2018.</p> <p>pp <u>46</u></p>																												

		<p>The students who have only re-appears and are not detained will be charged prevailing examination fee. This shall be applicable to students admitted from session 2017-18 and onwards.</p> <p>For the students admitted before session 2017-18, it was resolved that while calculating the tuition fee as per the Senate decision, S 31.09, the maximum tuition fee as applicable to normal category will be considered for all categories of the students including DASA, MEA & ICCR students.</p> <p>In addition to tuition fee, student has to pay prevailing hostel (if residing) and other Institute charges.</p>	
S 34.18	To consider and approve the report of the committee constituted to frame the new guidelines and criteria for Ph.D. admission, scholarships and areas of research etc.	<p>The Senate resolved to circulate the draft of Ph.D. Ordinance among the Senators for seeking their comments within 15 days to Dean (Academic). The comments will be placed before the same committee for consideration Further, the Senate also resolved that the final recommendations may be put up in SCSA for approval and implementation.</p>	<p>Ph.D. draft ordinance was circulated among the Senators through email dt. 28.9.2018. Comments as received from Different departments/schools has been sent to Chairman of Committee to frame Ph.D. guidelines. Ph.D. ordinance was placed before SCSA in its 56th meeting held on 28.3.2019 and after detailed deliberations, Ph.D. ordinance with few modifications was finalized.</p> <p style="text-align: right;"><i>S (56-81)</i> pp 47 (Email copy)</p>
S 34.19	To consider conferring of the degrees to the graduates of the IIT Sonapat during the 16th Convocation of NIT Kurukshetra.	<p>The Senate approved the degrees to the graduates of the Indian Institute of Information Technology Sonapat during the 16th Convocation of NIT Kurukshetra.</p> <p>The Senate confirmed the minutes during the meeting itself.</p>	<p>Graduates of IIIT Sonapat awarded the degrees in 16th Convocation of the Institute held in November 2018.</p>
S 34.20	To approve the degree format of B.Tech. programme of IIIT Sonapat Students.	<p>The Senate approved the proposed degree format of B.Tech. programme of IIIT Sonapat with the modification that name of mentor Institute (i.e. NIT Kurukshetra) may be included below the signatures of Chairman Board of Governors, Director & Registrar NIT Kurukshetra. It was also decided to include photograph of the student in the degree. Further, the name of mentor Institute is to be highlighted choosing appropriate font size.</p>	<p>Needful modifications as suggested were incorporated.</p>

		The Senate confirmed the minutes during the meeting itself.	
S 34.21	To discuss the issues related to dress code of 16 th Convocation 2018	The Senate discussed the representations and recommendations of Chief Warden (GH) related to dress code of 16 th Convocation 2018 and recommended the following revised dress code for female degree recipients: Formal white shirt with black paint OR Off white saree with black blouse OR Black salwar with white kurta Shoes and Stole for female degree recipients remain unchanged. All the Senators will wear Stole. The Senate confirmed the minutes for approval of BoG.	Implemented the changes during the 16 th Convocation of the Institute held in November 2018.
S 34.22	To consider and approve revised syllabi of MBA Programme from Academic Session 2019-20.	The Senate approved revised syllabi of MBA programme from Academic Session 2019-20.	It will be implemented from Academic Session 2019-20.
S 34.23	To consider and approve syllabi of Intellectual Property Rights (IPR) course to be offered in B.Tech. 7 th semester as Open Elective Course from Academic Session 2019-20.	The Senate deliberated on this issue at length and after detailed discussions, it was felt that course contents of IPR are very useful to Ph.D. students instead of B.Tech, who have already taken another similar course being run by the Department of Humanities & SS. It was decided to include it in the syllabi of Research Methodology which is a compulsory course for Ph.D. students with 4 credits. The syllabus of RM has to be modified as : Unit I - To be decided by HOD (Maths.) Unit II & Unit III-To be decided by the concerned departments. Unit IV -To be decided by Coordinator, IPR Cell. HOD, Mathematics and Coordinator, IPR Cell will frame the syllabi of their units and submit to Dean (Acad.) within one week for approval from Chairman, Senate & implementation.	Already implemented from academic year 2018-19.
S 34.24	To consider and approve Introduction of French Language for MBA students as non-credit course and certificate/diploma course for B.Tech.	The Senate deliberated upon this agenda at detail and resolved that detailed proposal including financial implications should be submitted in next Senate and the proposal should be as per the provisions of NIT Statute.	The matter is under process. pp <u>48</u>

	students from Academic Session 2019-20.		
S 34.25	To consider conferment of Honorary Degree of Ph.D. (Honoris causa) on Shri Pawan Munjal, Chairman, Managing Director & CEO Hero MotoCorp Ltd.	<p>The Senate approved the conferment of Honorary Degree of Ph.D. (Honoris causa) on Shri Pawan Munjal, Chairman, Managing Director & CEO Hero MotoCorp Ltd.</p> <p>The conferment of Honorary Degree is as per the clause 39 of the First Statute of National Institute of Technology, published in Gazette of India dated 23.4.2009.</p> <p>The Senate confirmed the minutes of agenda during the meeting itself.</p> <p>In concluding remarks, the Chairman Senate desired that in future, an agenda proposed by any department/section should be self-explanatory having complete details including financial and manpower implications etc.</p>	No further action is required.

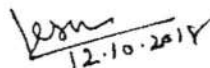
The Senate may note the action taken report.

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

No. Dean (Acad.)/ 960

Dated: 12.10.18

As per Senate decision in its 34th meeting held on 24.9.2018 vide item 34.04, you are requested to submit the revised criteria for MBA admissions that ensures the quality of intake to the office of the undersigned within 15 days for approval of the Chairman, Senate.


12.10.2018
Dean (Academic)

HOD, BA

Copy to:

1. Sr. Secretary to Registrar
2. Sr. Secretary to Director for kind information of the Director.

CP-11
✓

DEPARTMENT OF BUSINESS ADMINISTRATION
NATIONAL INSTITUTE OF TECHNOLOGY, KURKUSHETRA

Ref: DBA/2018/10535

Date: Dec 11, 2018

Admission Criterion for MBA Students

With reference to the letter No. Dean (Acad)/960 dated 12.10.2018, regarding the Revised Criterion for MBA Admission, please find enclosed the following:

1. Revised MBA Admission criterion approved by the Senate
2. Merit list of students in the qualifying National Level test

Submitted for kind consideration.

Neeraj
HOD

Dean (Academic)

Matter discussed with the Hon'ble Director
in the presence of HOD (BA) & Prof. Rajender Deswal.
It is observed that criterion for admission is as per
the Senate Decision (Item S 33.05). Valid score card
of CAT/MAT/CMAT/AMAT is to be adopted for admission.
Process of admissions should be strictly as per the
decision of Senate.

Venu

Dated 22.2.2019

CP-1

CP-2

CP-3

CP-4

During the Senate meeting vide item no S 34 04, the Senate decided that HOD, Deptt of Business Administration has to submit the revised criteria for MBA admissions that ensures the quality of intake. Accordingly, a notification was issued by Dean (Acad.) vide letter No. Dean (Acad.)/960 dated 12 10 18. In response to this letter, the admission criteria was explained by the HOD, BA (vide letter no. DBA/2018/10535 dated Dec 11, 2018) The admission criteria as decided by the Senate vide item no. S 33.09 was discussed with the Hon'ble Director in the presence of Dr. Neeraj Kaushik, HOD and Prof. Rajender Deswal. After going through the merit list of the students already admitted during the academic session 2018-19, it is observed that there is no compromise with the quality of students' intake. Further, it is clarified by the HOD, Business Administration that only the students with the valid score card of CAT/MAT/CMAT/GMAT were entertained and same will be followed for the MBA admissions during the academic year ~ 2019-20

Keeping in view the above facts, approval may please be given for admission to MBA programme 2019-20, as proposed by the HOD, BA vide letter no DBA/2018/10535 dated Dec. 11, 2018
Submitted for your consideration and approval

Registrar Office
Date: 22.2.19

[Signature]
22.2.2019
Dean (Acad.)

Registrar Incharge

[Signature]
23/02/19

Director

[Signature]
[Signature]
25/2/19
Dean (Acad.)
notification

[Signature]
25.2.2019

[Signature]
Ms Madhu

24
d/e

OFFICE OF THE DEAN (ACADEMIC)
NATIONAL INSTITUTE OF TECHNOLOGY

No. Dean (Acad.)/18/ 1140

Dated: 28.11.2018

The Board of Governors of the Institute at its 46th meeting held on 23.10.2018 vide item no. BoG 46.6 noted the minutes of 34th meeting of the Senate, NIT Kurukshetra held on 24.9.2018. However, the Board expressed concerned on low admissions in PG courses. Further, the Board decided as under:

“The HoDs shall make presentation of their respective departments in the next Board meeting”.

This is for your kind information and further necessary action.

kesava
28.11.2018
Dean (Academic)
h 20/11/18

Head of all Departments
Coordinators- School of Renewable Energy & Efficiency,
School of VLSI Design & Embedded System

Copy to:

1. Sr. Secretary to Registrar
2. Sr. Secretary to Director for kind information of the Director

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

No. Dean (Acad) / 96]

Dated 12.10.18

As per Senate decision in its 34th meeting held on 24.9.2018 vide item 34.11, the Senate approved the minor modifications in UMC Rules approved in the 31st meeting of Senate vide item no. S 31 14. The modifications are as:

Nature of Offence	Existing category & Punishment	Proposed category & Punishment
(b) Leaving the examination hall without delivering to the invigilator concerned the answer book or may part thereof or taking away the same or tearing it or otherwise disposing it of or tearing the answer book of other candidate.	Category 2 Disqualification for at least two semesters (forthcoming)	Category 4 Disqualification for at least four semesters (forthcoming) and FIR to be lodged against the concerned students
(f) Swallowing or attempting to swallow a note or paper or running away with it or causing its disappearance or destroying it in any manner		
(h) Smuggling an answer book of a continuation sheet or any part thereof in or outside the place of examination		

V. S. ...
12.10.2018
Dean (Academic)

1. HODs of all departments/Coordinators of all schools
2. Chairman, UMC (Dean, SW).
3. Institute Notice Boards
4. DR (Acs)
5. DR (Acad)
6. Prof. I/C (Exam)
7. Prof. I/C (CCN) with a request to upload the information on Institute website
8. Sr Secretary to Registrar
9. Sr Secretary to Director for kind information of the Director

26

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA – 136119**

No. NITK / 46th BOG / 5608

Dated: 14.11.2018

The Board of Governors of the Institute at its 46th meeting held on 23.10.2018 has decided under:

BOG 46.9 To consider and approve the External Peer Review Committee for National Institute of Technology, Kurukshetra as per the decision of Council of NITs.

"The Board considered and approved the External Peer Review Committee for National Institute of Technology, Kurukshetra as detailed in the agenda."

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

Encl: Agenda Item

Registrar (I/C)

Deputy Registrar (GA & L)

✓ Copy to : Dean (Academic)

file & copy to DR (Acad) for use
Date: _____
Ms. Meetha



BOG 46.9 To consider and approve the External Peer Review Committee for National Institute of Technology, Kurukshetra as per the decision of Council of NITs.

The Council of NITs in its 7th meeting held on October 18, 2013 vide item no. 7.5 (vi) considered the issue of 'External Peer Review' of NITs and decided as follows:

"There has to be an external review of NITs. A minor review once in 6 years is desirable. The Committees would consist of two reputed persons from academia, two experts from industry, one eminent citizen and one NIT alumni. This committee could be set up by the BoG of NITs and approved by the Standing Committees to the Council. The term of the Committees members would be 9 years with a 3rd of its members retiring every 3rd years".

In compliance of the decision of the NIT Council, the Board of Governors of the Institute in its 35th meeting held on January 6, 2015 constituted the following External Peer Review Committee:

Two reputed persons from Academia	1. Prof. Sanjay Govind Dhande, Former Director IIT Kanpur 2. Prof. Pritam Singh, Former Director IIM Lucknow & MDI Gurgaon
Two Experts from Industry	1. Shri Adesh Gupta, CEO, Liberty Group of Industries, Karnal 2. Shri Rajdeep Sahrawat, Head International Business (Public Sector), TATA Consultancy Services
One Eminent Citizen	1. Shri. V K Sabharwal, Press Correspondent, The Hindustan Times, New Delhi
One NIT Alumni	2. Dr. Manoj Singh, IRS, Advisor Transport, Niti Aayog, Govt. of India, New Delhi

The MHRD vide its letter no. F.No.35-3/2018-TS.III dt. 31st July 2018 vide para no. 3 informed the NITs that the External Peer Review is to be carried out once every three years as per recommendations of Kakodkar Committee and subsequent approval of the NIT Council in its 7th meeting. The MHRD desired to send some suitable names to the Ministry for consideration of constitution of External Review Committee Institute-wise.



The matter was placed before the Senate in its 34th meeting held on 24.09.2018. The senate authorized the Director & Chairman, Senate to recommend the names of External Peer Review Committee.

In view of the above decision of the Senate, the Director & Chairman, Senate recommended the following External Peer Review Committee so that the same may be sent to the MHRD for consideration of constitution of the Committee:

Two reputed persons from Academia	1. Prof. Prem Vrat, Former Director IIT Roorkee 2. Prof. S.K. Garg, Pro-Vice-Chancellor, D.T.U., Delhi
Two Experts from Industry	1. Sh. Rajdeep Saharawat, Head International Business (Public sector), TATA Consultancy Services 2. Dr. Rajender Kumar GM (Technical) N. H .A. I., New Delhi
One Eminent Citizen	1. Er. Shyam Sunder Singhal Director, VPS Agro & Auto Pvt. Ltd.
One NIT Alumni	1. Sh. Ajay Pandey, Managing Director and Group CEO Gift City (Gujrat)

The Board may consider and approve the 'External Peer Review Committee'.



- | | | | |
|----|--|-------|-----------|
| 7. | Dr. S. K. Madan
Professor
Civil Engineering Department
NIT, Kurukshetra | | Member |
| 8. | Sh. Karan Sharma
Assistant Professor
Electronics and Communication
Engineering Department
NIT, Kurukshetra | | Member |
| 9. | Dr. Surinder Deswal
Registrar (I/C)
NIT, Kurukshetra | | Secretary |

At the outset, the Hon'ble Chairperson welcomed the members of the 46th meeting of the Board of Governors of the Institute and asked the secretary to present the agenda items.

The discussions / decisions taken in respect of each item are recorded as hereunder:

BoG 46.1 To note the nomination of faculty members as Senate Nominee on the Board of Governors of the Institute.

The Board noted the nomination of Prof. S.K. Madan, Professor, Civil Engineering Department and Shri Karan Sharma, Assistant Professor, Electronics & Communication Engineering Department as Senate Nominee members on the Board of Governors of the Institute. Thereafter, they joined the meeting and the Chairperson, BoG welcomed them.

BoG 46.2 To note the leave of absence of members.

The Board granted leave of absence to Ms Bhagyesh Soneji who could not attend the meeting.

BoG 46.3 To apprise the Board about various initiatives / activities achievements undertaken in the Institute by the Director.

The Board noted the various initiatives / activities achievements made in the Institute by the Director with appreciation. Keeping the spirit alive, the Board desired that:

- i) The commercialization of the patents be explored and encouraged.
- ii) The possibilities to start consultancy in all the major Departments and workshop be explored and presentation in this regard be made in the next BoG meeting by the respective Heads of Departments.



BoG 46.1 To note the nomination of faculty members as Senate Nominee on the Board of Governors of the Institute.

As per Section 11 (f) of the National Institute of Technology Act – 2007, one Professor and one Assistant Professor or a Lecturer (now Associate Professor and Assistant Professor) of the Institute are to nominated by Senate on the Board of Governors. The term of office of the members so nominated shall be two years from the date of nomination as per Clause 12 (c) of the NIT Act, 2007.

In this connection, it is submitted that both the memberships of Senate nominee in the category of Professor and Assistant Professor or Lecturer (now Associate Professor and Assistant Professor) are lying vacant as the present term of two years of Dr. A. Swarup, Professor, EED (in the category of Professor) and Smt. Sunita Chauhan, Associate Professor, EED (in the category of Associate Professor) as Senate Nominee members on BoG has expired on 4th August 2018.

It is further submitted that the vacancies so created are to be filled from the categories of Professors and Associate Professors / Assistant Professors of the Institute by Senate. Previously, Dr. A. Swarup, Professor EED and Smt. Sunita Chauhan, Associate Professor, EED were nominated as Senate nominee members on the Board in the categories of Professors and Associate Professors/Assistant Professors respectively. Accordingly, the next senior most Assistant Professor is to be considered for nomination as Senate Nominee member on the BoG in the category of Associate Professors / Assistant Professors.

Therefore, an agenda was placed before the Senate in its 34th meeting held on 24.09.2018 vide item No.34.13 to consider for nomination as Senate Nominee members on BoG. The Senate authorized the Chairman, Senate to recommend the names on the Board as Senate nominee members. The Chairman, Senate decided to nominate Dr. S. K. Madan, Professor, Civil Engineering Department in the category of Professors and Shri Karan Sharma, Assistant Professor, Electronics & Communication Engineering Department in the category of Assistant Professor, as Senate Nominee members on BoG.

The Board may *note the above nominations.*

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

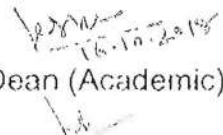
No. Dean (Acad.)/ 9170

Dated: 16.10.18

As per Senate decision in its 34th meeting held on 24.9.2018 vide item no. S 34.14, the Director has constituted the following committee for preparation of revised syllabus of Audit course in B Tech. 2nd semester for B.Tech. 1st year students in Physical Education & Sports:

- | | |
|------------------------------------|----------|
| 1. Prof. Baldev Setia, Civil Engg. | Chairman |
| 2. Prof. D.P. Singh, Chemistry | Member |
| 3. Prof. Ratna Dahiya, Elect.Engg. | Member |
| 4. Prof. P.C. Tiwari, Mech. Engg. | Member |

The Committee may submit its report within four weeks to the office of the Dean (Academic).


Dean (Academic)

To

All Committee Members

Copy to:

1. Sr. Secretary to Registrar
2. Sr. Secretary to Director for kind information of the Director.

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

No. Dean (Acad.)/ 1245

Dated: 31.12.18

As per Senate decision in its 34th meeting held on 24.9.2018 vide item no. S 34.14, a Committee was constituted by Hon'ble Director, notified vide letter no. Dean (Acad.)/970 dated 16.10.2018 (copy attached) for preparation of revised syllabus of Audit course in B.Tech. 2nd semester for B.Tech. 1st year students in Physical Education & Sports. The Committee was to submit its report within four weeks of issue of notification.

The new semester has started. You are requested to submit the revised syllabus of audit course at the earliest for implementation.

- Baldev Setia*
31/12/18
1. Prof. Baldev Setia, CED Chairman of Committee
 2. Prof. D.P.Singh Prof. I/C (Sports)

Kumar
31-12-2018
Dean (Academic)
Kumar

m
31/12/18

Copy to:

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

Rajin
31/12/18

Physical Education & Sports Section
National Institute Of Technology
Kurukshetra-136119

PESS/2019/ 02
Dated: 01/01/2019

With reference to your letter no. Dean (Acad.)/970, dated 16.10.2018, a committee was constituted for preparation of revised syllabus of Audit course in B. Tech 2nd semester for B. Tech 1st year student in Physical Education & Sports.

In this regard the recommended syllabus by the committee has been hereby enclosed for your kind consideration and further necessary action.

Baldev Setia
01.01.2019
Prof. Baldev Setia
(Chairman)

Dean (Academic)

Submitted for approval pl.

Copy to :-

1. Sr. Secretary to Registrar
2. Sr. Secretary to Director for kind information of the Director.

Pl. do the needful.

Venu
2.1.2019

Prof. I/c (Acad)

B
21/1/19
Ms Madhu

copy sent to Prof I/c (Time-table)

Syllabus of Yoga and Physical Education

B.Tech 2nd Semester

Session 2018-19 onwards

Class Duration - 1 ½ hours

Max. Marks

100 (60+20+20)

Exam Duration

2 Hours

Audit Course

Course Code – SWIR-12

Course Objective

Physical Education, Sports and Yoga develops confidence, contributing to academic performance and mental health. When **students** are stressed, they struggle to focus and manage their emotions properly. **Physical activity** is a great way to relieve stress, promoting positive physical and mental health and enhanced learning aptitude.

The class duration of 90 minutes will be divided into three segments comprising of Units 1, 2 and 3.

- First 30 minutes of the class will be an interactive session where the students will be oriented and introduced to the different aspects of Physical Education and Sports from Unit-1.
- In the Next 30 minutes of the session comprising of Unit-2 the students will perform Yoga Asana and will further get to know about the benefits of the same.
- During the last 30 minutes of the class every students shall practice different skills and techniques of Athletics comprising of Track and Field events.

Syllabus

Unit-1 (Lecture)

Introduction to Physical Education

- Changing trends in Physical Education

Sports awards and honours

- Awards and Honours in the field of Sports in India (Dronacharya Award, Arjuna Award, Dhayanchand Award, Rajiv Gandhi Khel Ratna Award etc.)

Kinesiology, Biomechanics & Sports

- Meaning & Importance of Kinesiology & Biomechanics in Physical Edu. & Sports
- Biomechanical principles & its application in sports. (Laws of motion, Friction, Projectile etc.)

Physical Fitness, Wellness & Lifestyle

- Meaning & Importance of Wellness
- Components of wellness

SP Singh
01/01/2019

P. Venkatesh
02/02/19

Pratik D.
01/01/2019
34
34

Preventing Health Threats through Lifestyle Change

- Concept of Positive Lifestyle : Importance of Balance Diet etc.

Postures

- Common Postural Deformities – Knock Knee; Flat Foot; Round Shoulders; Lordosis, Kyphosis, Bow Legs and Scoliosis.
- Corrective Measures for Postural Deformities

Training and Planning In Sports

- Meaning and Objectives of Planning.
Tournament – Knock-Out, League/Round Robin & Combination.

Psychology & Sports

- Psychological benefits of exercise.
- Anxiety & Fear and its effects on Sports Performance.
- Motivation, its type & techniques.
- Understanding Stress & Coping Strategies.

Sports Medicine

- Management of Injuries: Soft Tissue Injuries and Bone & Joint Injuries

Unit-2 (Demonstration and Practice)

Yoga & Lifestyle

- Asanas as preventive measures.
- Hypertension: Tadasana, Vajrasana, Pavanuktasana, Ardha Chakrasana, Bhujangasana, Shavasana.
- Obesity: Procedure, Benefits & contraindications for Vajrasana, Hastasana, Trikonasana, Ardha Matsyendrasana.
- Back Pain: Tadasana, Ardha Matsyendrasana, Vakrasana, Shalabhasana, Bhujangasana.
- Diabetes: Procedure, Benefits & contraindications for Bhujangasana, Paschimottasana, Pavanuktasana, Ardha Matsyendrasana.
- Asthma: Procedure, Benefits & contraindications for Sukhasana, Chakrasana, Gomukhasana, Parvatasana, Bhujangasana, Paschimottasana, Matsyasana.

Unit-3 (Practical-Sports Specific)

Each student will be given practical knowledge about the basic fundamentals of Athletic Events be it Track or Field thereby developing the skill.

- Track Events – Short , Middle , Long and Relay Races
- Field Events – Jumping (Long, High, Triple Jump and Pole Vault) and Throwing Events (Shot-put, Discus, Javelin, Hammer)

RP Singh
01.01.2019

PC Jeware
01/01/19

Pratik
01.01.2019

35

Outcome of the Course

1. Students will practice Physical activities and Hatha Yoga focusing on yoga for strength, flexibility, and relaxation. The class will also cover techniques for increasing concentration and decreasing anxiety which leads to stronger academic performance. Breathing exercises and healthy fitness activities will also be taught.
2. Understand basic skills associated with yoga and physical activities including strength and flexibility, balance and coordination.
3. Will be able to perform yoga movements in various combination and forms.
4. Assess current personal fitness levels.
5. Identify opportunities for participation in yoga and sports activities.
6. Provide an understanding of health-related fitness components: cardiorespiratory endurance, flexibility and body composition etc.
7. Improve personal fitness through participation in sports and yogic activities.
8. Provide understanding of psychological problems associated with the age and lifestyle.
9. Demonstrate an understanding of sound nutritional practices as related to health and physical performance.
10. Assess yoga activities in terms of fitness value.
11. Identify and apply injury prevention principles related to yoga and physical fitness activities.
12. Understand and correctly apply biomechanical and physiological principles related to exercise and training.

REFERENCE BOOKS:

1. Modern Trends and Physical Education by Prof. Ajmer Singh.
2. Light On Yoga By B.K.S. Iyengar.
3. Health and Physical Education – NCERT

Distribution of Marks: Total 100 (60 +20 + 20)

- | | |
|--|----------|
| 1. Class Attendance / Punctuality – | 60 marks |
| 2. Active Participation in Sports Related Activities - | 20 marks |
| 3. End Semester Exam- | 20 marks |

Based upon the marks obtained by the students, they will fall into the following two categories:

1. Satisfactory : Marks ≥ 60
2. Unsatisfactory: Marks < 60

Note – PWD Students will be **Exempted** from taking part in activities of Unit 3 and the Modified Physical Fitness Test.

Further selected students of NCC will be graded as per NCC rules and regulations.

P.C. Tewari
02/01/19
Prof. P.C. Tewari

D.P. Singh
01.01.2019
(Prof. D.P. Singh)

Prof. Ratna Dahiya

Baldev Setia
01.01.2019
Prof. Baldev Setia

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA – 136119**

No. NITK / 46th BOG / 5620

Dated: 14.11.2018

The Board of Governors of the Institute at its 46th meeting held on 23.10.2018 has decided under:

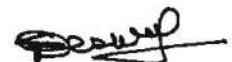
BoG 46.20 To consider and review the relevance and performance of PG Courses.

"After detailed deliberation on the recommendations of the Coordination Committee and presentations made by Coordinators of School of Bio-medical Engineering, School of Material Science & Technology and School of Renewable Energy & Efficiency, the Board decided as under:

- i) The admissions to PG course of "Molecular Engineering and Advance Chemical Analysis" run by Department of Chemistry may be discontinued from the next academic year i.e. 2019-20.*
- ii) The admissions to PG course of "Bio-medical Engineering" run by School of Bio-medical Engineering be discontinued from the next academic year i.e. 2019-2020.*
- iii) The school of Material Science and Technology be merged with Department of Physics, and the PG course of "Material Science and Technology" presently run by School of Material Science and Technology shall be run by Physics Department as a separate PG course from the next academic year i.e. 2019-20.*
- iv) The Coordinator of School of Renewable Energy and Efficiency will contact the passed out students and collect the feedback about the course and other inputs pertaining to their placement status, etc. Further, the views and advice from experts of the field from reputed Institutes / Organisations may also be sought for the scope and development of the course/school. On the basis of above, the Coordinator of School of Renewable Energy and Efficiency will make a presentation in the next BoG meeting for further consideration of the Board."*

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

Encl: Agenda Item



Registrar (I/C)

✓ I. Dean (Academics)

2. Deputy Registrar (GA & L)

3. Coordinator, SREE with the request to kindly collect the desired feedback from the pass out students and complete all other formalities as per above decision (46.20.vi) of BoG and prepare an agenda before 15th Dec., 2018 for the next BoG meeting.



Ms Madhu

notifications for i, ii) of iii) as above with a copy to all concerned.



BOG 46.20 To consider and review the relevance and performance of PG Courses.

The Board of Governors in its 41st meeting held on 31.01.2017 vide item No. 41.12.9 decided as under:

"It was decided that the performance with respect to admission and placement of MBA, MCA and other PG Courses be reviewed and placed before the Board. In addition, the Institute to apprise the Board about the admission scenario during the last ½ years. Further it was decided that all the courses need to be revised in light of their relevance and performance and, in turn, to ensure that curriculum be designed to emphasize on skill development of the students so as to enhance their employability."

In view of the above decision of the Board, a Coordination Committee was constituted to analyze the relevance and performance of various PG programs on the basis of admission and placement during last ½ years. The Committee submitted its recommendations on 19.9.2018. The recommendations of the Committee are as under:

1. The admission in PG Course "Molecular Engineering and advance chemical analysis" run by Department of Chemistry may be discontinued from the year 2019.
2. Efforts should be made to run the PG Course "Biomedical Engineering" more effectively and its performance should be assessed after another year.
3. In order to check the expenditure and running the schools more smoothly and effectively, possibility may be explored to merge the following schools in the other relevant departments:
 - (i) School of Bio Medical Engineering
 - (ii) School of Material Science and Technology
 - (iii) School of Renewable Energy and Efficiency

A copy of the recommendations is enclosed as Annexure - 46.20(i) from pages 181 to 182.

The above recommendations of the Committee were placed before the Senate in its 34th meeting held on 24th September 2018. The Senate deliberated upon the report of the Committee and resolved as under:

1. *"The PG Course of "Molecular Engineering and advance chemical analysis" run by Department of Chemistry may be discontinued from the next academic year 2019-20.*