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

The 16th Convocation of the Institute is scheduled to be held on 13th November, 2018. On this occasion, the following awards are to be given to the UG and PG students:

Sr. No	Category	Number
1.	Branch wise Toppers of B.Tech. 2014 Batch	07
2.	Branch wise Toppers in Major Project B.Tech. 2014 Batch	07
3.	Shyam Sunder Dhingra Award to the overall Topper for 2014 Batch	01
4.	Best all Rounder Students	02
5.	Department and Specialization wise Toppers of M. Tech. 2016 Batch	22
6.	Topper of MBA 2016 Batch	01
7.	Topper of MCA 2015 Batch	01

The list of students who are eligible for the above said awards are enclosed as **Annexure 34.10 (A)** from pages **124** to **126**.

In addition to the above, following medals/prizes are given to Undergraduate students (B.Tech. 1st year to 4th year) before the convocation:

Sr. No	Category	Number
1.	Dr. R. P. Singh Medals to the toppers of 2nd & 3rd years	02
2.	Manohar Award of Excellence to the topper of B.Tech. 1st year	01
3.	Academic Prizes	56*

*For 1st and 2nd semester this time prizes have been prepared branch wise.

The list of such students who are eligible for the above said medal/prize are enclosed as **Annexure 34.10 (B)** from pages **127** to **129**.

The Senate may consider & approve the awardees list for the said awards/prizes and recommend to the Board of Governors for approval.

Agenda of 34th meeting of Senate on 24.09.2018
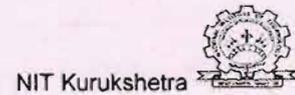
NIT Kurukshetra

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

Branch wise Topper of B. Tech 2014 batch

Sr. No.	Branch	Name (Mr./Ms.)	Roll No.	CGPA
1	Civil Engineering	Prajjwal Singh Rahar	1140015	9.7809
2	Computer Engineering	Ujwal Gupta	1140486	9.5992
3	Electrical Engineering	Vaishali	1140107	9.3926
4	Electronics & Comm. Engineering	R C Sai Charan	1140663	9.3660
5	Information Technology	Ankit Joshi	1140805	9.5022
6	Mechanical Engineering	Pankaj Mittal	1140489	9.7544
7	Production & Industrial Engineering.	Manoj Anand	1140474	9.2641

Branch wise Topper in Best Major Project B. Tech. 2014 batch

Sr. No.	Branch	Name (Mr./Ms.)	Roll No.
1	Civil Engineering#	Udhara Dewalegama	2140023
2	Computer Engineering	Vibhu Garg	1140185
3	Electrical Engineering	J. Aditya	1140388
4	Electronics & Comm. Engineering*	Shreyansh Mishra.	1140051
5	Information Technology	Ankit Joshi	1140805
6	Mechanical Engineering.	Poshak Batra	1140315
7	Production & Industrial Engineering	Hemant Dhingra	1140046

#Branch wise topper in Best Major Project B.Tech 2014 batch from Civil Engg. Department received at 9.40am, 21.09.2018.

* Branch wise topper in Best Major Project B.Tech 2014 batch from ECE Department received at 5.35pm, 20.09.2018.

Sh. Shyam Sunder Dhingra Award Overall Topper of 2014 batch

Sr. No.	Name (Mr./Ms.)	Roll No.	Branch
1	Prajjwal Singh Rahar	1140015	Civil Engineering

Agenda of 34th meeting of Senate on 24.09.2018

Best All Round in B. Tech. 2014 batch

Sr. No.	Name (Mr./Ms.)	Roll No.	Branch
1	Ashish Kumar	1140404	Electrical
2	Vibhuti Dembi	1140894	ECE

Department & Specialization wise toppers of M.Tech. 2016 batch.

Sr. No.	Department	Specialization	Name (Mr./Ms.)	Roll No.	CGPA
1.	Chemistry	Molecular Engg. Advanced Chemical Analysis	Akriti Sharma	31601104	9.4839
2.	Civil Engineering	Environmental Engineering	Rashmi Mishra	31602103	9.7419
3.		Soil Mech. & Foundation	Kajal Kumari	31602215	9.6613
4.		Structural Engineering	Javed Ahmad Khan	31602303	9.2903
5.		Transportation Engineering	Pooja Singh	31602410	9.2581
6.		Water Resources Engineering	Deeksha Malik	31602518	9.3710
7.	Computer Engineering	Computer Engineering	Ruchi Gupta	31603108	8.9516
8.		Cyber Security	Tulasi Venkata Chyavan Avinash	31603202	8.6774
9.	Electrical Engineering	Control System	Meera Patel	31604112	8.8065
10.		Power System	Korikar N Hemanth	31604217	9.0484
11.		Power Electronics & Drives	Vuluvala Madhusudhan Reddy	31604308	9.5484
12.	Electronics & Comm. Engineering.	Electronics & Comm. Engg.	Ishu Gupta	31605104	8.9677
13.	Mechanical Engineering	Machine Design	Saurabh Sachan	31606217	9.6290
14.		Industrial & Production	Maninder Singh	31606119	9.1452

Agenda of 34th meeting of Senate on 24.09.2018

15.		Thermal	Ayush Srivastava	31606303	9.4355
16.	Physics	Nanotechnology	Shruti Mishra	31607205	9.4839
17.		Instrumentation	Mousumee Acharya	31607113	9.6129
18.	School of Biomedical Engg.	Biomedical Engineering	Gayathri R	31608106	9.4355
19.	School of Materials Science & Nanotechnology	Materials Science and Nanotechnology	Megha Goyal	31609111	9.5968
20.	School of Renewable Energy & Efficiency	Renewable Energy Systems	Swarup Kumar Saha	31610111	9.0323
21.	School of VLSI Design & Embedded System	Embedded System Design	Rohit Kochar	31611107	8.5968
22.		VLSI Design	Abhishek Kumar	31611212	8.7903

Topper of MBA-2016 batch.

Sr. No.	Department	Programme	Name	Roll No.	CGPA
1	Business Administration	MBA	Ekta	41610003	9.5636

Topper of MCA-2015 batch.

Sr. No.	Department	Programme	Name	Roll No.	CGPA
1	Computer Applications	MCA	Aman Rawat	5152011	9.7880

NIT Kurukshetra

Dr. R.P. Singh Medals to the toppers of Mechanical Engineering.

Sr. No.	Name (Mr./Ms.)	Roll No.	Year	SGPA (3rd + 4th Semesters)
1.	Akshat Chaturvedi	11610712	2nd	9.3091+9.3846
2.	Shadab Khan	11510697	3rd	SGPA (5th + 6th Semesters) 9.9655+ 9.4615

Manohar Award of Excellence to the topper of B.Tech. 1st year

Sr. No.	Name Mr./Ms.	Roll No.	Year	SGPA (1st + 2nd Semesters)
1	Madhur	11710498	1st	9.9000 + 10.0000

Academic Prizes

Topper of 2017 batch in each semester during academic year-2017-18

Sr. No.	Name Mr./Ms.	Roll No.	Semester	Branch	SGPA
1.	Ashutosh Bishnoi	11710123	1st	Civil	9.9091
2.	Madhur	11710498	1st	Computer	10.0000
3.	Rishabh Gupta	11710243	1st	Electrical	9.7727
4.	Deepak Gupta	11710504	1st	ECE	9.7273
5.	Tarun Bhati	11710528	1st	IT	9.8182
6.	Aman	11710640	1st	Mechanical	9.8182
7.	Utsav Yadav	11710807	1st	PIE	8.9545
8.	Ashutosh Bishnoi	11710123	2nd	Civil	9.7241
9.	Yogita Sangwan	11710338	2nd	Computer	9.9333
10.	Rishabh Gupta	11710243	2nd	Electrical	9.6786
11.	Shubham	11710004	2nd	ECE	9.7000
12.	Bharat	11710539	2nd	IT	10.0000
13.	Milansingh Ba	11710618	2nd	Mechanical	9.8276
14.	Satyandra Singh	11710754	2nd	PIE	9.4286

Agenda of 34th meeting of Senate on 24.09.2018

	Topper of 2016 batch in each semester & branch during academic year 2017-18				
15.	Vishwajeet Kashyap	11610098	3rd	Civil	10.0000
16.	Anubhav Mathur	11610162	3rd	Computer	9.9074
17.	Sumit	11610240	3rd	Electrical	9.9091
18.	Annamreddy Chaitanya Sri Krishna	11610391	3rd	ECE	9.9091
19.	Arti	11610514	3rd	IT	9.6981
20.	Harsh Sharma	11610666	3rd	Mechanical	9.4615
21.	Jatin	11610756	3rd	PIE	9.3400
22.	Jayesh Jain	11610127	4th	Civil	9.5769
23.	Devika Jain	11610501	4th	Computer	10.0000
24.	Kumar Harshit	11610320	4th	Electrical	9.4107
25.	Aman Kashyap	11610447	4th	ECE	9.8889
26.	Harshita Sharma	11610344	4th	IT	9.9630
27.	Vikas	11610613	4th	Mechanical	9.5091
28.	Jatin	11610756	4th	PIE	9.6852
	Topper of 2015 batch in each semester & branch during academic year 2017-18				
29.	Vipul Gupta	11510110	5th	Civil	9.7333
30.	Jyotsna	11510154	5th	Computer	9.8305
31.	Akriti Sharma	11510113	5th	Electrical	9.4333
32.	Niharika Agarwal	11510097	5th	ECE	9.9667
33.	Ahmad Naseem	11510545	5th	IT	9.8596
34.	Nitin Rathee	11510653	5th	Mechanical	9.9655
35.	Jatin	11510817	5th	PIE	9.9322
36.	Chirag Gera	11510114	6th	Civil	9.7736
37.	Ravisha	11510178	6th	Computer	10.0000
38.	Aman Moar	11510277	6th	Electrical	9.9091
39.	Deeksha Upadhyay	11510887	6th	ECE	9.5741
40.	Isha	11510360	6th	IT	9.6604
41.	Arpit Jain	11510667	6th	Mechanical	9.5769
42.	Jatin	11510817	6th	PIE	9.5357
	Topper of 2014 batch in each semester & branch during academic year 2017-18				
43.	Vatsal Goel	1140352	7th	Civil	9.8750
44.	Lakshita Dodeja	1140858	7th	Computer	10.0000

Agenda of 34th meeting of Senate on 24.09.2018

45.	Aashutosh Joshi	1140384	7th	Electrical	9.6119
46.	Nayan Vashisht	1140226	7th	ECE	9.3934
47.	Ankit Joshi	1140805	7th	IT	9.8814
48.	Avinash Prasad	1140344	7th	Mechanical	10.0000
49.	Angshuman Chakraborty	1140827	7th	PIE	9.9583
50.	Prajjwal Singh Rahar	1140015	8th	Civil	10.0000
51.	Ujjwal Gupta	1140486	8th	Computer	10.0000
52.	Vishal Kumar Singh	1140908	8th	Electrical	9.8953
53.	Nayan Vashisht	1140226	8th	ECE	10.0000
54.	Approva	1140149	8th	IT	10.0000
55.	Atul Sharma	1140497	8th	Mechanical	9.9710
56.	Anuj Gupta	1140467	8th	PIE	10.0000

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

In the existing UMC rules passed in 31st meeting of Senate held on 30.10.2017 vide item no. S 31.14, there is no clause of FIR for the offence when a student runs away with an answer sheet or smuggles it or destroys it. Accordingly, minor modifications are proposed in the existing UMC rules and the following Nature of Offences in category 2 are shifted to category 4

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. (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.	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

The Senate may consider and approve the minor modifications in UMC rules.

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

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 the 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 year".

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	1. 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 Institutes-wise.

The MHRD letter is enclosed as **Annexure S 34.12** from pages **131 (I)** to **131 (II)**.

The Senate may recommend the names for External Review Committee to be recommended to the Board of Governors for approval and sent to Ministry.

N.I.T. KURUKSHETRA
Diary No...759.7......
Dated...12|09|18.....

REMINDER   BY SPEED POST

· F.No.35 – 3 / 2018 – TS.III
Government of India
Ministry of Human Resource Development
Department of Higher Education
*_*_*_*_*

Shastri Bhawan, New Delhi,
dated, the 30th August, 2018

To

(i)   The Directors of 21 NITs located at
        {Agartala, Andhra Pradesh, Arunachal Pradesh, Bhopal, Delhi, Goa,
        Hamirpur, Jalandhar, Kurukshetra, Manipur, Meghalaya, Mizoram, Patna,
        Puducherry, Raipur, Rourkela, Sikkim, Srinagar, Surat, Tiruchirappalli and
        Warangal}
(ii)   The Director, IIEST, Shibpur.

Pl. discuss Subject:-   External Peer Review of NITs and IIEST, Shibpur – regarding.
with Hon'ble
Director.   Madam \ Sir,

10/9/   I am directed to refer to this Ministry's letter of even number dated 31st
July, 2018 (copy enclosed) on the subject mentioned above vide which, the
Dean (Acad) Ministry requested all the NITs / IIEST, Shibpur to send some suitable names for
consideration and constitution of External Review Committee to carry our
External Peer Review of NITs / IIEST.

2.   The Institutes were requested to furnish panel(s) of suitable names by 7th
August, 2018, however, the same has not yet been received in respect of your
Institute.

3.   It is, therefore, once again requested to kindly send some suitable names
to this Ministry · by 7th September, 2018 for consideration of constitution of
External Review Committee(s) at the earliest possible.   -

Yours faithfully,

[Anil Kumar Singh]
Under Secretary to the Government of India
Tel: 23384897

Encl.: as above.

MHRD/RAVI/NIT - Policy/2018/2018 Policy Letters.docx)

F.No.35 – 3 / 2018 – TS.III
Government of India
Ministry of Human Resource Development
Department of Higher Education
*_*_*_*_*

Shastri Bhawan, New Delhi,
dated, the 31st July, 2018

To

The Directors of NITs; and
Director, IIEST, Shibpur.

Subject:-   External Peer Review of NITs and IIEST, Shibpur – regarding.

Madam \ Sir,

        I am directed to refer to decisions taken by the Council of National
Institutes of Technology, Science Education and Research in its meetings held
on 18.10.2013, 25.09.2014, 01.10.2015 in connection with above mentioned
subject and letter F.No.34-6/2015-TS.III dated 20th October, 2015 and 5th May,
2017, respectively, vide which the NITs and IIEST, Shibpur have been requested
to take action for completing External Peer Review and submit the Action Taken
Report for apprising the Council of NITSER.

2.   As per recommendations of the Kakodkar Committee, which were
approved by the Council of NITSER in its 8th and 9th meetings, there has to be
external review of NITs and IIEST, Shibpur. A minor review once in 3 years and a
comprehensive review once in 6 years was desirable in the recommendations.
The position was also reviewed in 10th meeting of the Council held on 26th May,
2017 wherein the Council resolved that external review should be carried out
once in every three years, based on a standard proforma and the implementation
of the recommendations of the External Peer Review should be discussed in
each meeting of the BoG.

3.   As we are in the mid of second phase (4th – 6th year) and the External
Peer Review is to be carried out once every three years as per recommendations
of Kakodkar Committee and subsequent approval of the Council, therefore, it is
requested to kindly initiate action in this regard and send some suitable names
within a week's time to this Ministry for consideration of constitution of External
Review Committee Institutes-wise.

Yours faithfully,

[Anil Kumar Singh]
Under Secretary to the Government of India
Tel: 23384897

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.

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 have expired on 4th August 2018.

It is further submitted that the vacancies so created are to be filled up; one from the category of Professors and the other from the category of Associate Professors / Assistant Professors of the Institute.   Previously, Smt. Sunita Chauhan, Associate Professor, EED was nominated as Senate nominee member on the Board in the category of Associate Professors/Assistant Professors.   Now, one Assistant Professor may be considered for nomination on the BoG in the category of Professor/Assistant professor. Accordingly, one Professor and one Assistant Professor are to be considered for nomination on the BoG as Senate Nominee members.

The Senate may nominate the Senate nominee members on BoG.

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 in its 33rd meeting held on 8th May 2018 vide item no. S 33.07 approved the audit course in B.Tech. 2nd semester for B.Tech. 1st year students in Physical Education & sports alongwith NCC (if opted). The detailed syllabus of Physical Education & Sports of 1st and 2nd semester for B.Tech. 1st year students is enclosed as **Annexure S 34.14** from pages **134** to **141**.

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

National Institute of Technology Kurukshetra
Physical Education & Sports Section
Kurukshetra – 136119

PESS/18/ 434
Dated 11 / 09 /2018

Subject:- Detailed Syllabus of Physical Education & Sports.

With referecne to your letter no.- Acad./ 33rd Sente/753, dated – 29.08.2018, as required by you, the copy of detailed Syllabus of Physical Education & Sports of 1st & 2nd Semester for B. Tech 1st year Students is attached along with (a soft copy of the same has been sent to you through email on 11.09.2018).

This is for your kind reference and necessary action please.

11.09 2018
S.A.S. Officer

11/09/18
Prof.- in – Charge (P.E.)

Dean (Academic)
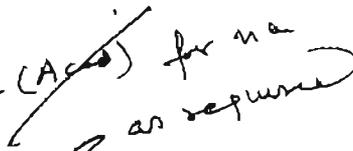
Copy to :

1. Sr. Secretary to Registrar.
2. Sr. Secretary to Director for kind information of the Director.
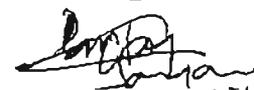
B.Tech 1ˢᵗSemester (Common to all Branches)
Physical Education and Sports

P	Max. Marks	100
1 ½	Internal	60
	External	40
	Exam. Duration	2 Hours
	Credit	1

Syllabus

Introduction to Physical Education

- Meaning & definition of Physical Education
- Aims & Objectives of Physical Education
- Changing trends in Physical Education

Olympic Movement

- Ancient & Modern Olympics (Summer & Winter)
- Olympic Symbols, Ideals, Objectives & Values
- International Olympic Committee
- Indian Olympic Association
- Awards and Honours in the field of Sports in India (Dronacharya Award, Arjuna Award, DhayanchandAward, Rajiv Gandhi Khel Ratna Award etc.)

Physical Fitness, Wellness & Lifestyle

- Meaning & Importance Of Physical Fitness & Wellness
- Components of Physical fitness
- Components of Health related fitness
- Components of wellness
- Preventing Health Threats Through Lifestyle Change
- Concept of Positive Lifestyle

Physical Education & Sports for Differently Abled

- Aims & objectives of Adaptive Physical Education
- Organization promoting Adaptive Sports (Special Olympics Bharat; Paralympics; Deaflympics)
- Concept and need of Integrated Physical Education.

Yoga

- Meaning & Importance of Yoga
- Elements of Yoga
- Introduction - Asanas, Pranayam, Meditation & Yogic Kriyas
- Yoga for concentration & related Asanas (Sukhasana; Tadasana; Padmasana & Shashankasana)
- Relaxation Techniques for improving concentration - Yog-nidra

Physical Activity & Leadership Training

- Introduction to physical activity & leadership
- Qualities & role of a Leader
- Creating leaders through Physical Education
- Meaning, objectives & types of Adventure Sports (Rock Climbing, Tracking, River Rafting, Mountaineering, Surfing and Para Gliding
- Safety measures during physical activity and adventure sports

Fundamentals of Anatomy & Physiology

- Define Anatomy, Physiology & Its Importance
- Function Of Skeleton System, Classification Of Bones & Types Of Joints
- Properties of Muscles
- Function & Structure Of Muscles
- Function & Structure Of Respiratory System, Mechanism of Respiration
- Structure Of Heart & Introduction To Circulatory System
- Oxygen debt, second-wind

Kinesiology, Biomechanics & Sports

- Meaning & Importance of Kinesiology & Biomechanics in Physical Edu. & Sports
- Levers & Its Types and its application in sports.
- Equilibrium – Dynamic & Static and Centre Of Gravity and its application in sports.
- Force – Centrifugal & Centripetal and its application in sports.
- Introduction to Buoyancy Force and its Application in Sports.

Psychology & Sports

- Definition & Importance of Psychology In Physical Edu. & Sports
- Define & Differentiate Between Growth & Development
- Adolescent Problems & Their Management
- Emotion: Concept, Type & Controlling of emotions

Training In Sports

- Meaning
- Warming up & Limbering down
- Load, Symptoms of Over-load, Adaptation & Recovery
- Skill, Technique & Style

Doping

- Meaning and Concept of Doping
- Prohibited Substances & Methods
- Athletes Responsibilities
- Side Effects Of Prohibited Substances
- Ergogenic aids & doping in sports
- Doping control procedure

Sports / Games

Following sub topics related to any one Game/Sport of choice of student out of: Athletics, Badminton, Basketball, Chess, Cricket, Kabaddi, Lawn Tennis, Swimming, Table Tennis, Volleyball, Yoga etc.

1. History of the Game/Sport.
2. Latest General Rules of the Game/Sport.
3. Specifications of Play Fields and Related Sports Equipments.
4. Important Tournaments and Venues.
5. Sports Personalities.
6. Proper Sports Gear and its Importance.

B.Tech 2nd Semester (Common to all Branches)
Physical Education and Sports

P	Max. Marks	100
1 ½	Internal	60
	External	40
	Exam. Duration	2 Hours
	Audit	-

Syllabus

Planning in Sports

- Meaning & Objectives Of Planning.
- Tournament – Knock-Out, League/Round Robin & Combination.
- Various Committees & its Responsibilities (pre; during & post).
- Intramural & Extramural – Meaning, Objectives & Its Significance.
- Procedure To Draw Fixtures – Knock-Out (Bye & Seeding) & League (Staircase & Cyclic).
- Specific Sports Programme (Sports Day, Health Run, Run For Fun, Run For Specific Cause & Run For Unity).

Sports & Nutrition

- Balanced Diet & Nutrition: Macro & Micro Nutrients.
- Sports nutrition & its effect on performance (fluid & meal intake, pre, during & post competition).
- Eating For Weight Control – A Healthy Weight, The Pitfalls Of Dieting, Food Intolerance & Food Myths.

Yoga & Lifestyle

- Asanas as preventive measures.
- Hypertension: Tadasana, Vajrasana, PavanMuktasana, ArdhaChakrasana, Bhujangasana, Sharasana.
- Obesity: Procedure, Benefits & contraindications for Vajrasana, Hastasana, Trikonasana, ArdhMatsyendrasana.
- Back Pain: Tadasana, ArdhMatsyendrasana, Vakrasana, Shalabhasana, Bhujangasana.
- Diabetes: Procedure, Benefits & contraindications for Bhujangasana, Paschimottasana, PavanMuktasana, ArdhMatsyendrasana.
- Asthema: Procedure, Benefits & contraindications for Sukhasana, Chakrasana, Gomukhasana, Parvatasana, Bhujangasana, Paschimottasana, Matsyasana.

Physical Education & Sports for Differently-Abled

Physical Education & Sports for Differently-Abled

- Concept of Disability & Disorder.
- Strategies to make Physical Activities assessable for children with special need.
- Types of Disability, its causes & nature (cognitive disability, intellectual disability, physical disability).
- Advantage of Physical Activities for children with special needs.

Postures

- Meaning and Concept of Postures.
- Causes of Bad Posture.
- Advantages & disadvantages of weight training.
- Concept & advantages of Correct Posture.
- Common Postural Deformities – Knock Knee; Flat Foot; Round Shoulders; Lordosis, Kyphosis, Bow Legs and Scoliosis.
- Corrective Measures for Postural Deformities

Physiology & Sports

- Effect of exercise on the functioning of Various Body Systems. (Circulatory System, Respiratory System, Neuro-Muscular System etc.)

Sports Medicine

- First Aid – Definition, Aims & Objectives.
- Sports injuries: Classification, Causes & Prevention.
- Management of Injuries: Soft Tissue Injuries and Bone & Joint Injuries

Kinesiology, Biomechanics & Sports

- Projectile & factors affecting Projectile Trajectory and its relevance in sports.
- Newton's Law of Motion & its application in sports.
- Aerodynamics Principles and its application.
- Friction and its effects in Sports.
- Introduction to Axes & Planes.
- Types of movements (Flexion, Extension, Abduction & Adduction).
- Major Muscles involved in running, jumping & throwing etc.

Psychology & Sports

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

Training in Sports

- Circuit Training & High Altitude Training; Introduction & its impact.
- Flexibility – Definition, types & methods to improve flexibility.
- Coordinative Abilities – Definition & types.
- Strength – Definition, types & methods of improving Strength – Isometric, Isotonic & Isokinetic.

Sports / Games

Following sub topics related to any one Game/Sport of choice of student out of: Athletics, Badminton, Basketball, Chess, Cricket, Kabaddi, Lawn Tennis, Swimming, Table Tennis, Volleyball, Yoga etc.

1. History of the Game/Sport.
2. Latest General Rules of the Game/Sport.
3. Specifications of Play Fields and Related Sports Equipment.
4. Important Tournaments and Venues.
5. Sports Personalities.
6. Proper Sports Gear and its Importance.

Distribution of Marks: Total 100 (60 +40)

Internal: 60 Marks

1.	Class Attendance / Punctuality –	10 marks
2.	Class Performance -	20 marks
3.	Active Participation in Sports Related Activities -	20 marks
4.	Participation in Various Tournaments/Championships-	10 marks

End Semester Exam: 40 Marks

1.	Modified Physical Fitness Test -	20 Marks
2.	Performing Yogic Exercises -	10 Marks
3.	Viva -	10 Marks

MODIFIED AAHPER PHYSICAL FITNESS TEST ITEMS:

1. 50 mts Dash for Speed.
2. Shuttle Run for Agility.
3. 600 mts (Run/Walk) for Endurance.
4. Push-Ups (Boys) / Flexed Arm Hang (Girls) for Upper Arm Strength.
5. Sit-Ups for Flexibility.

Note – PWD Students will be **Exempted** from taking the Modified Physical Fitness Test.

11.09.2018
SAS Officer

11/09/18
Prof. in-Charge (PE)

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

As per item no. 41.12.9, the Board of Governors 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 ¾ 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 of the following was constituted to analyse the relevance and performance of various PG programmes on the basis of admission and placement during last ¾ years:

(i)	Prof. V.K. Arora	Chairman
(ii)	Prof. Brahmjit Singh	Dean (R&C)
(iii)	Prof. K.S. Sandhu	Dean (Acad.)
(iv)	Prof. Surjit Angra	HOD, Mechanical
(v)	Prof. Surinder Deswal	Registrar

The report of above committee is enclosed as **Annexure S 34.15** from pages **143** to **148**.

Submitted for consideration and approval of the Senate and to recommend to the Board of Governors for approval.

OFFICE OF THE CHIEF ADVISOR
NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119

No. VKA/CA/1026   Dated 19.09.2018

As per letter No. D (Acad.)/2018/272 dated 26.03.2018, the following committee was constituted to analyse the relevance and performance of the PG courses run by the Institute on the basis of admission and placement during the last 3/4 years.

1) Prof. V. K. Arora   Chairman
2) Prof. K. S. Sandhu   Dean (Acad.), Convener
3) Prof. Brahmjit Singh   Dean (R & C)
4) Prof. Surjit Angra   HOD, Mechanical Engineering
5) Prof. Surinder Deswal   Registrar In-charge

The committee met several times and discussed the issue. The placement and admission record of all PG courses run by the Institute were looked into. After examining the record, the committee observed that the admission in the PG Programme (Molecular Engineering and advanced Chemical analysis) run by Department of Chemistry is very meagre and placement is nil. The admission and placement record of this course for the last three years is presented below:

Department	Programme/Course	Sanctioned Strength	Admission Status			Placement Status		
			2016	2017	2018	2016	2017	2018
Chemistry	Molecular Engg. and advance Chemical Analysis	20 + 5	6	2	2	NIL.	NIL.	NIL.

Further, it has been observed that the admission in the above-mentioned course was only 6 against sanctioned strength of 25 which has further declined to 2 in the year 2018. The committee strongly feels that PG Programme (Molecular Engineering and advanced Chemical analysis) run by Department of Chemistry may be closed.

The performance of School of Bio-medical Engineering is also not satisfactory. The admission and placement record of this course for the last three years is presented below:

Department	Programme/Course	Sanctioned Strength	Admission Status			Placement Status		
			2016	2017	2018	2016	2017	2018
School of Bio-medical Engg.	Biomedical Engg.	20 +5	11	4	4	NIL.	NIL	NIL.

Admission in the PG course (Bio-medical Engineering) run by School of Bio-medical Engineering is also meagre and placement is nil. Since Biomedical Engineering is the emerging area, the effort should be made to run this course more effectively and its performance should be assessed after another year.

In addition to placement and admission scenario, the committee also felt concerned about the following facts:

1) No faculty/non-faculty positions are sanctioned for all the schools run by the Institute and as such, the faculty/non-faculty of other relevant departments have been deputed to run the schools. This has resulted in shortfall of faculty/non-faculty strength in the concerned departments, which has adversely affected the outcome of accreditation and NIRF ranking.
2) The recurring and non-recurring expenditure incurred on these schools is also of concern.

The Recommendations:

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) Effort 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

Surinder Deswal   Surjit Angra   K. S. Sandhu   Brahmjit Singh   V. K. Arora
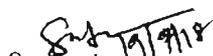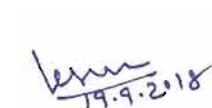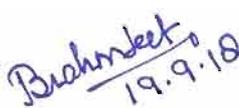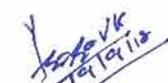
Submitted for kind consideration

V. K. Arora

Director

For presentation & approval of Senate

Sr. No.	Name of program	Branch	Sanctioned Intake	2016 Batch		2017 Batch		2018 Batch	
				Admitted as on 15.08.2016	Strength as on 30.06.2016	Admitted as on 15.08.2017	Strength as on 07.09.2018	Admitted as on 15.08.2018	Strength on 07.09.20
1	Civil Engineering	Soil Mechanics & Foundation Engg.	18	17	17	19	17	19	19
		Structural Engg.	19	21	17	21	19	20	20
		Water Resources Engg.	17	17	17	17	16	16	16
		Transportation Engg.	18	15	14	20	19	18	18
		Environmental Engg.	21	20	19	22	20	21	21
2	Electrical Engineering	Power System	20	21	20	20	19	19	19
		Control System	20	20	20	18	17	19	19
		Power Electronics & Drives	20	19	17	19	18	20	20
3	Electronics & Comm. Engg.	Electronics & Comm. Engg.	24	21	18	21	19	13	13
4	Physics	Instrumentation	20	18	17	13	12	14	14
		Nanotechnology	20	10	10	10	8	11	11
5	Mechanical Engg.	Industrial & Production Engg.	20	19	19	20	20	18	18
		Machine Design	20	18	17	20	21	19	19
		Thermal Engineering	24	25	24	22	20	23	23
6	Computer Engg.	Computer Engg.	25	25	25	25	24	23	23
		Cyber Security	20	18	18	19	17	14	13
7	Chemistry	Molecular Engg. & Advanced Chemical Analysis	20	6	6	2	2	2	2
8	School of VLSI Design & Embedded System	VLSI Design	32	29	28	21	21	28	27
		Embedded System Design	20	20	20	11	10	17	17
9	School of Renewable Energy & Efficiency	Renewable Energy Systems	20	19	19	16	15	16	16
10	School of Biomedical	Biomedical Engg.	20	11	11	4	4	4	4
11	School of Material Sciences & Nano technology	Material Science &Technology	20	12	11	6	6	8	7
	Total		458	401	384	366	344	362	359

Placement statistics for the Session 2016-17

Postgraduate

S. No.	Discipline	Programme	Enrolled students	No. of offers	No. of students placed	Range of Package (in lac)	Median Package (in lac)	Avg. Package (in lac)
1	Civil Engineering	Transportation Engg.	18	2	2	3.00-3.48	3.24	3.24
		Soil Mech. & Foundation Engg.	16	9	9	3.00-5.11	3.48	3.79
		Environmental Engg.	21	6	6	3.00-5.11	3.00	3.55
		Structural Engg.	24	4	4	3.60-5.15	5.02	4.69
		Water Resources Engg.	16	2	2	3.00-3.00	3.00	3.00
2	Computer Engg.	Computer Engg.	25	14	14	3.00-12.00	6.00	6.00
		Cyber Security	18	7	7	3.00-5.50	3.50	3.58
3	Electronics & Comm. Engg.	Electronics & Comm. Engg.	21	6	6	3.00-6.00	4.00	4.33
4	Electrical Engineering	Control system	17	5	5	3.5-3.60	3.50	3.52
		Power System	20	3	3	3.00-3.00	3.00	3.00
		Power Electronics & Drives	20	4	4	3.00-4.20	3.60	3.42
5	Mechanical Engineering	Industrial & Production Engg.	20	7	7	3.00-6.00	3.60	4.11
		Machine Design	21	8	8	3.00-6.00	3.55	3.68
		Thermal Engg.	24	5	5	3.00-3.75	3.00	3.25
6	Physics	Instrumentation	17	3	3	3.5-3.5	3.50	3.5
		Nanotechnology	16	11	11	3.00-3.60	3.00	3.23
7	Chemistry	Molecular Engineering and Advanced Chemical Analysis	4	-	-	-	-	-
7	Schools of VLSI Design & Embedded System	VLSI Design	29	10	10	3.00-5.75	3.50	3.77
		Embedded System Design	18	7	7	3.00-6.00	3.50	3.90
8	School of Biomedical Engg.	Biomedical Engg.	13	-	-	-	-	-
	School of Material Science & Nanotechnology	Material Science & Nanotechnology	14	2	2	3.60-5.75	4.67	4.67
9	School of Renewal Energy & Efficiency	Renewal Energy System	18	1	1	3.60-3.60	3.60	3.60
10	Business Administration	MBA	42	17	16	3.00-6.20	6.00	5.26
11	Computer Applications	MCA	83	58	58	3.60-9.13	6.00	5.66
		Total	535	191	190	3.00-12.00	4.00	4.55

*admitted Strength

Placement Statistics for the Session 2017-18

Postgraduate

S. No.	Discipline	Programme	Eligible Students	No. of offers	No. of students placed	Range of Package (in lac)	Median Package (in lac)	Avg. Package (in lac)
1	Civil Engineering	Transportation Engg.	11	3	3	3.36	3.36	3.36
		Soil Mech. & Foundation Engg.	16	-	-	-	-	-
		Environmental Engg.	18	1	1	5.34	5.34	5.34
		Structural Engg.	16	2	2	4.5-5.34	4.92	4.92
		Water Resources Engg.	16	3	3	3.36-4.5	4.50	4.12
2	Computer Engg.	Computer Engg.	24	24	20	4.2-28.00	6.00	7.38
		Cyber Security	10	8	8	3.50-7.50	4.50	4.98
3	Electronics & Comm. Engg.	Electronics & Comm. Engg.	14	7	6	5.60-16.27	7.00	8.31
4	Electrical Engineering	Control system	17	1	1	3.75	3.75	3.75
		Power System	13	-	-	-	-	-
		Power Electronics & Drives	14	2	2	6.00-6.50	6.25	6.25
5	Mechanical Engineering	Industrial & Production Engg.	15	2	2	3.36-3.75	3.55	3.55
		Machine Design	14	5	5	3.36-7.25	4.89	4.89
		Thermal Engg.	20	4	4	3.36-4.50	3.43	3.68
6	Physics	Instrumentation	14	1	1	4.00	4.00	4.00
		Nanotechnology	10	1	1	3.50	3.50	3.5
7	Chemistry	Molecular Engineering and Advanced Chemical Analysis	6	-	-	-	-	-
7	Schools of VLSI Design & Embedded System	VLSI Design	21	5	5	3.36-6.50	3.50	4.14
		Embedded System Design	14	6	6	4.00-6.63	6.25	5.89
8	School of Biomedical Engg.	Biomedical Engg.	11	1	1	3.50	3.5	3.5
	School of Material Science & Nanotechnology	Material Science & Nanotechnology	11	1	1	7.25	7.25	7.25
9	School of Renewal Energy & Efficiency	Renewal Energy System	19	-	-	-	-	-
10	Business Administration	MBA	32	22	18	3.08-10.00	3.80	5.02
11	Computer Applications	MCA	73	67	60	3.20-9.13	4.37	5.74
		Total	429	166	150	3.08-28.00	4.94	5.64

Internship in M. Tech.

S. No.	Discipline	Programme	Eligible Students	No. of students got intern
1	Computer Engg.	Computer Engg.	24	5
2	Schools of VLSI Design & Embedded System	VLSI Design	21	5
		Embedded System Design	14	6
3	Electronics & Comm. Engg.	Electronics & Comm. Engg.	14	2

Placement statistics for the Session 2018-19 (till now)
Postgraduate

S. No.	Programme	Eligible Students	No. of offers	No. of students placed
1	MBA	24	-	-
2	MCA	61	30	30
3	M. Tech.	260	6	6 (5 Computer Engg. + 1 Power Systems (EE))
	Total	348	36	36

Internship in M. Tech

S. No.	Discipline	Programme	Eligible Students	No. of students got intern
1	Civil Engineering	Transportation Engg.	11	-
		Soil Mech. & Foundation Engg.	10	-
		Environmental Engg.	10	-
		Structural Engg.	13	-
		Water Resources Engg.	12	-
2	Computer Engg.	Computer Engg.	21	6
		Cyber Security	17	3
3	Electronics & Comm. Engg.	Electronics & Comm. Engg.	11	4
4	Electrical Engineering	Control system	15	-
		Power System	17	1
		Power Electronics & Drives	15	1
5	Mechanical Engineering	Industrial & Production Engg.	16	3
		Machine Design	17	1
		Thermal Engg.	15	1
6	Physics	Instrumentation	10	1
		Nanotechnology	2	-
7	Chemistry	Molecular Engineering and Advanced Chemical Analysis	-	-
7	Schools of VLSI Design & Embedded System	VLSI Design	19	8
		Embedded System Design	10	9
8	School of Biomedical Engg.	Biomedical Engg.	4	-
	School of Material Science & Nanotechnology	Material Science & Nanotechnology	2	-
9	School of Renewal Energy & Efficiency	Renewal Energy System	13	-
	Total		260	38

Pankaj

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

The Senate in its 7th meeting held on 9.6.2006 vide item no. 7.12 amended Grade Table and introduced two new grades namely "A+" and 'F' (copy of notification attached).

On the representation of the students, the matter was discussed in 4th meeting of SCSA held on 12.2.2007 vide item no. 1 and it was resolved to merge 'F' grade with 'E' grade. However, the grade point corresponding to grade 'E' was not changed from 2 to 0, creating confusion regarding the computation of SGPA/CGPA for particular semester.

In view of above, it is proposed to modify the grade table for Grade Based Examination System as below:

Sr. No.	Existing			Proposed		
	Marks obtained & Grade	Category	Grade Points	Marks obtained & Grade	Category	Grade Points
1	$85 \leq A+ < 100$	Excellent	10	$85 \leq A+ < 100$	Excellent	10
2	$75 \leq A < 85$	Very Good	9	$75 < A < 85$	Very Good	9
3	$65 \leq B < 75$	Good	8	$65 \leq B < 75$	Good	8
4	$50 \leq C < 65$	Average	6	$50 \leq C < 65$	Average	6
5	$40 \leq D < 50$	Pass	4	$40 < D < 50$	Pass	4
6	$20 \leq E < 40$	Required to improve	2	$0 < F < 40$	Re-appear	0
7	$0 < F < 20$	Repeat	0			

The relevant documents are enclosed as **Annexure S 34.16** from pages **150** to **152**.

The Senate may consider and decide accordingly.

CP-II

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119

No. Acad./2006/3S1

Date: August 24, 2006

NOTICE

Sub: Modification in Grade Based Examination System effective from the session

The Senate in its 7th meeting held on 9.6.2006 vide item No. 7.12 read as under:

For a student to pass in a subject, a minimum of 40% for D grade has to be earned separately in and having a minimum CGPA 4.5. If a student passes a subject through GRADE (A to D), he/she will not be allowed to improve his/her grade,

A 5-points grading system has been changed to 7-points grading system shown in the table:

Table

S.No.	Existing			Modified		
	Marks Obtained and Grade	Category	Grade points	Marks obtained and Grade	Category	Grade points
1	$75 \leq A \leq 100$	Excellent	10	$85 \leq A \leq 100$	Excellent	10
2	$65 \leq B < 75$	Good	8	$75 \leq A < 85$	Very Good	9
3	$50 \leq C < 65$	Fair	6	$65 \leq B < 75$	Good	8
4	$40 \leq D < 50$	Poor	4	$50 \leq C < 65$	Average	6
5	$E < 40$	Fail	2	$40 \leq D < 50$	Pass	4
6.	....			$*20 \leq E < 40$	Required to Improve	2
				$0 \leq F < 20$	Repeat	0

*The student admitted from July 2006 onwards will be governed by the following regulations:

(i) Students with marks more than 20% but less than 40% will have the option to improve their marks and consequently grade. Such students will be allowed to avail of one more chance to improve the sessional marks (Thus, a student get practically two chances; one with his/her regular batch when he/she is attending the classes and subsequently one later when the semester is in progress i.e. odd with odd and even with even). If such student with Grade 'E' improve their grade either to 'D' or 'C' (i.e. sum of new sessional marks and highest marks in the end semester exams. Which he/she earned upto the declaration of this result) will not be allowed to appear in the end semester examination for improving the Grade. Despite this extra chance and regular end- semester examination if he/she is unable to clear a particular subject, than he/she has to repeat the subject.

(ii) For students who get less than 20% marks in a subject in total of sessionals and end semester examination will be required to repeat the subject of that semester.

Allocation of theory & Sessional weightage

	Existing		Modified	
Theory Papers	Sessionals (mid semester exam. of 20 marks each and 10 marks teacher's assessment)	50	Sessionals (mid semester exam. of 15 marks each and 10 marks teacher's assessment)	40
	End Semester Examination	50	-	60
Practicals	Sessionals (mid semester exam. of 20 marks each and 20 marks teacher's assessment)	60	No change	60
	End Semester Examination	40	No change	40

(i) The above proposal will be implemented for students to be admitted from July, 2006 onwards.

(ii) For students who are detained and are to attend classes with students of lower batch, shall be governed by the academic and examination regulations of that (lower) batch.

Dean (Academic)

CP-III

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119

Minutes of 4th meeting of Standing Committee on Senate Affairs held on 12.2.2007 at 10.00 AM in the Board Room.

The following were present:-

1. Dr. M.N.Bandyopadhyay, Director   In Chair
2. Dr. Krishna Gopal, Dean(P&D)
3. Prof. R.K.Bansal, Dean(Academic)
4. Dr. S P.Jain, Chairman, Elect Engg. Deptt.
5. Dr V.K.Sehgal, Chairman, Civil Engg. Deptt.
6. Dr. K.S.Kasana, Chairman, Mech. Engg. Deptt.
7. Dr. D.V.Singh, Chairman, Maths. Deptt.
8. Dr. R.C.Bhattacharjee, Chairman, BA Deptt.
9. Dr. Baldev Setia, Professor Incharge, Acad.Affairs
10. Dr. Rajender Deswal, Chairman, Deptt. Of Humanities & Social Sciences.
11. Dr. Brahamjit Singh, Chairman, ECCE Deptt.
12. Dr. Dinesh Kumar, Chairman, Chemistry Deptt.
13. Dr. Mayank Dave, Chairman, Computer Engg. Deptt
14. Sh. R.P.S. Lohchab, Registrar
15. Dr. Sudhir Saxena, President Sports

The following decisions were taken:-

1. **To discuss some modalities for E and F grade category of students.**

In the light of difficulties being faced by the students of B.Tech. 1st Semester as requested by them in their application dated 25.1.2007, it was decided to provide the F grade category of Students the same opportunities for improving their Sessional Marks and End Semester Marks as those are available to the students falling in E grade category

Further, as a result of detailed discussions on this item, the following decisions were also taken:-

i)   To include a specific column in the Registration Form for those students who need/are required to improve their sessional marks. This would be done by payment of additional nominal fees to this effect. The amount of fees would be decided by the Dean(Academic).

a) A Committee to be constituted to review the B Tech Scheme, Ordinance including grading system

2. To consider and approve a course in Physical Fitness of UG students.

The members raised objection to the use of words 'Department" in the letter written by the President Sports as there is no such Department. It was suggested that this nomenclature be not used in future. The modified proposal of the President Sports was accepted and it was decided to formalise the courses on Physical Education and include the grades obtained by students in their respective semester examinations.

It was also decided that the Scheme and Syllabi relating to Physical Fitness courses would be routed through the BOS of that Department to which the President Sports belongs. In the present case this will be routed through the BOS of the Department of Mechanical Engineering as Dr. Sudhir Saxena, President Sports belongs to the Department of Mechanical Engineering

3. Any Other Item:

Under any other item the issue relating to the subject matter of Provisional Degree Certificate was discussed and it was decided to modify the same. The date being mentioned on the Provisional degree Certificate would eventually be the date on which the student has completed the requirements of B Tech. Degree Course.

The meeting ended with a vote of thanks to the Chair.
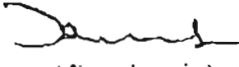
Dean(Academic) 13|2-|07

Approved
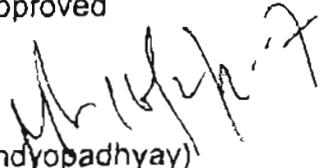
(M N Bandyopadhyay)
Director

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

The Senate in its 30th meeting held on 6th June 2017 vide item no. S 30.03 resolved to adopt the new revised curriculum for the Bachelor of Technology programmes of the institute w.e.f. 2017-18 batch onwards.

The Senate in the same meeting vide item no. S 30.09, while considering the issues faced by the students as well as academic section under the present academic regulations which allows a student to be promoted to the next semester irrespective of re-appear in previous semesters, decided to provide a system of interim checks. Therefore, it was decided that a student should not be allowed to move to the odd semester of an year without having cleared both the semesters of the year, one year prior to that semester. This can be represented in the following table:

Registration for semester	Pre-requisite
1st to 4th Semesters	NIL
5th Semester	1st year (Both 1st & 2nd sem. cleared)
7th Semester	2nd year (Both 3rd & 4th sem. cleared)

This would be applicable to the students admitted in the institute from the academic session 2017-18 batch onwards.

The students admitted in academic session 2017-18 will be promoted in 5th semester during odd semester of academic session 2019-20. There would be some students of batch 2017 who will not be promoted in 5th semester due to modification in the academic rules as above. The following issues need to be resolved:

(i)   There would be some students who are not detained in 1st semester to 4th semester but have re-appears in any of the semester. As per academic regulations, these students are not eligible to attend the classes. These students will not participate in any academic activity till they clear their all re-appears of 1st & 2nd semester in order to be eligible for moving in 3rd year.

(ii)   There would be some students who are either detained in any of first four semesters. As per academic regulations, these students can repeat only those courses in the respective semesters in which they are detained.

The similar issues will be faced when the students will be promoted to 7th semester.

The institution fee to be charged from such students need to be fixed. The institution fee charged from similar cases was decided in 33rd Senate meeting held on 30.10.2017 vide agenda item no. S 31.09. The relevant pages of item are enclosed as **Annexure S 34.17** from pages **155** to **156**.

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

NIT Kurukshetra

S 31.07 **To consider and decide norms for change of branch to B.Tech. students.**

The Senate decided that the existing rules for branch change cannot be changed. Hence the requests of two students of PIE branch cannot be acceded to. Further, the Senate decided that the branch change for new scheme for academic year 2017-18 will be implemented after 1st semester and it should be only on the basis of the performance of the students in first semester. Other modalities of the branch change will remain same. Further it was decided that Dean (Academic) should issue the instructions as required, for in time declaration of results and to maintain the uniformity of evaluation of answer sheets (where more than one teachers are associated for any course).

S 31.08 **To consider and decide mercy chance to appear for backlogs for the students who have completed maximum duration of their respective degree programmes.**

After detailed deliberation, the Senate agreed in principle to give mercy chance to the students of 2009 batch who could not complete their B.Tech. degree in stipulated period of eight years. In principle it was decided to give two chances for reappear (this time it may be May/June 2018 & Nov/Dec 2018). The Senate authorized the Chairman Senate, to constitute a committee which will decide the other modalities for such mercy chance for UG students as a policy matter, which can be implemented in future also.

S 31.09 **To decide institute fee to be charged from the students repeating semester courses due to detention and other reasons.**

The Senate approved the proposed formula as given below:

Fee = {(Tuition fee)/No. of courses} x Repeat Courses

Tuition Fee	The tuition fee applicable to his batch in the respective semester
No. of Courses	No. of courses in the respective semester including all theory/ practical/project etc. courses

---

Repeat Courses	No. of courses in which the student was having detention and decided to repeat these courses to get normal grade

In addition to this fees, the student need to pay hostel room rent as per availability and allotment to him/her and other miscellaneous expenses during his/her study in that semester.

S 31.10 **To decide relaxation in prescribed fee for period of absence for UG & PG programmes of the institute.**

Senate decided to charge full tuition fee from such students as per their batch, provided absence is with permission. If student remains absent from the institute without prior permission, he/she may be permitted to join back with the permission of the Director, with a penalty of Rs. 5000/- per semester, in addition to tuition fee.

S 31.11 **To decide on change of name in Educational certificates of Ms. Manju Meena D/o Sh. JD Meena Roll No. 110831, student of B.Tech. ECE programme.**

In accordance with the judgement of Hon'ble Court, the Senate decided to change the name of Ms. Manju Meena D/o Sh. J.D. Meena as Ms. Somya Jourwal, D/o Sh. Jaldhari Meena in place of Ms. Manju Meena D/o Sh. J.D. Meena in educatgional certificates and to issue fresh certificates on payment of fee/charges applicable as per rules.

S 31.12 **To note eligibility criteria for allocation of seats under MEA (Welfare) quota in the NITs from the academic year 2018-19.**

The Senate noted the eligibility criteria for allocation of seats under MEA (Welfare) quota in the NITs from the academic year 2018-19.

S.31.13 **To consider and approve the composition of DAC, BOS & DRC.**

The Senate decided that there is no need to change the existing composition of DAC, BOS & DRC. The existing practice shall continue. For small

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 following committee was constituted vide office order no. Gen.-1/3962/1246 dated 8.3.2018 to frame the new guidelines and criteria for Ph.D. admission, scholarships and areas of research etc.

(1) Prof. V.K. Arora   Chairman
(2) Prof. Brahmjit Singh   Member
(3) Prof. K.S. Sandhu   Member
(4) Prof. Mahesh Pal   Member

The above committee has submitted its report. The report of the committee is enclosed as **Annexure 34.18** from pages **158** to **187**.

Recommendations of the committee have been incorporated in the final Ph.D. ordinance & same are placed before the Senate for discussion and approval.

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119

No. Dean (Acad.)/   Dated: 19.09.2018

Subject: Recommendations of Committee constituted for framing new guidelines and criteria for Ph.D. Admission, Scholarship, areas of research etc.

The following Committee is constituted to frame the new guidelines and criteria for Ph.D. Admission, Scholarship, areas of research etc.

1. Prof. V.K Arora   Chairman
   Chief Advisor to Director
2. Prof. Brahmjit Singh   Member
   Dean (Research & Consultancy)
3. Prof. K.S. Sandhu   Member
   Dean (Academic)
4. Dr. Mahesh Pal   Member
   Professor,
   Department of Civil Engg.

The committee met several times and discussed the Ph.D. Admission, criteria to award scholarships, research areas, evaluation process and many other relevant issues to achieve quality research in NIT Kurukshetra.

Recommendations as observed are attached in Annexure I. If approved, same may please be added/ replaced in the current Ph.D. prospectus 2018-19 for framing the final Ph.D. Ordinance.

Submitted for your kind consideration and necessary action.

Dr. Mahesh Pal   Prof. Brahmjit Singh   Prof. K.S. Sandhu
Professor,   Dean (Research & Consultancy)   Dean (Academic)
Department of Civil Engg.
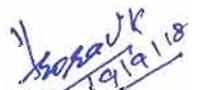
Prof. V.K Arora
Chairman & Chief Advisor to Director

Presentation &

Director   For the approval of the Senate
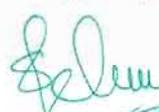
Proposed Changes in various clauses of Ph.D. Ordinances

Existing (2018-19)	Proposed
"Co-Supervisor" shall mean additional supervisor as appointed by the DRC. The Co-supervisor(s) may be from NITK itself, or from any other reputed government laboratory / reputed research organization / reputed Institutes or Universities or industries. A Co-supervisor must have the academic and research qualifications as prescribed for a supervisor.	**"Co-Supervisor"** shall mean additional supervisor as appointed by the DRC. The Co-supervisor(s) may be from NITK itself, or a faculty from institute/university/college having NIRF ranking up to 100 (in any of the categories)/ reputed institutes/universities/colleges/organizations fully funded by state/central government and reputed R&D organisation/national laboratories/industry **having sufficient facilities to carry out research at their place**. A Co-supervisor must have the academic and research qualifications as prescribed for a supervisor as per the PhD ordinance of NIT Kurukshetra.
R-3.2 Additional Eligibility Conditions for Part-Time Ph.D. Admission (i)The applicant should be a regular faculty / employee in the sponsoring institute /organization and must have completed on the last day of receiving applications, a minimum of one year of service after obtaining Master's degree at the level of Assistant Professor or equivalent in the sponsoring engineering degree level technical institute or R & D organization / industry. The applicants, who are employed in an NIT on a regular / contract (including the project staff) for three years or more, are exempted from the above condition. (ii)The candidate should satisfy the DRC that his official duties permit him to devote sufficient time to research. (iii)He is required to visit NITK to discuss the research work with his supervisor in the Department. He may visit any number of times; but; must visit at least twice in each semester at intervals of not less than a month. All such visits shall be reported to the Chairman of the DRC for record.	**R-3.2 Additional Eligibility Conditions for Part-Time Ph.D. Admission** (i) The applicants should be professionally employed as engineers and scientists in Public Sector Undertakings or Government Departments or national level R&D organisation/national laboratories/industry, having sufficient facilities to carry out research at their place (ii) faculty in institute/university/college having NIRF ranking up to 100 (in any of the categories), having sufficient facilities to carry out research at their place in the related research area, reputed institutes/universities/colleges/organizations fully funded by state/central government having sufficient facilities to carry out research at their place in the related research area All candidates should have a minimum experience of two years (regular) at the level of Assistant Professor or equivalent in the sponsoring institute/university/college/organisation or R & D organization / national laboratory/industry at the time of applying for admission. Minimum qualification for these candidates is the same as for full-time candidates. The applicants, who are employed in an NIT on a regular (including the project staff) are exempted from the above condition. (ii) **Part-time candidates** are required to submit a "No Objection Certificate" on a proper letterhead from the appropriate authority in the organization clearly stating the following: o The candidate is permitted to pursue studies on a part-time basis o That his/her official duties permit him/her to devote sufficient time for research. o Facilities for research in the candidate's field of research are available at the candidate's place of work
R-7.4 Appointment of alternative Supervisor: A 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. However, under unavoidable circumstances, such as long leave, resignation, retirement, or death; an alternative supervisor may have to be appointed. In such special cases, the appointment of the alternative supervisor will be regulated as under: **R-7.4.1 A Supervisor proceeds on leave of six**	**R-7.4 Appointment of alternative Supervisor:** A 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 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 will appoint an alternate supervisor with the consent of candidate and the main supervisor

months or more

(i) If the synopsis of the thesis of the scholar has not yet been submitted,

a) And the supervisor proceeds on leave for six month or more but less than 12 months, then the supervisor shall immediately inform the chairman DRC/ SRC whether he will continue to guide and supervise the research work of his scholar effectively during his leave period or not. In case he does not inform within five days of the commencement of his leave, or informs that he will not be able to guide effectively, then he ceases to be the supervisor of that scholar.

b) And if at any point of time, the total period of long leaves (six months, or greater) of the supervisor of a scholar equals or exceeds 12 months, that supervisor automatically ceases to be the supervisor.

c) And if a supervisor proceeds on leave for 12 months or more, he ceases to be the supervisor (after the expiry of 12 months on leave). In case there is a co-supervisor, he will take over as supervisor else a supervisor shall be appointed by the DRC/SRC.

d. Once a supervisor ceases to be the supervisor, he cannot again become the supervisor of that scholar.

In cases a), b), c), when a supervisor ceases to be the supervisor, the other supervisor (of NITK) if already appointed, shall act as the supervisor; and if there is no such 'other' supervisor, the DRC/ SRC shall immediately appoint alternative supervisor for the scholar.

(ii) If the thesis / synopsis of the thesis has been submitted before the supervisor proceeds on leave and the supervisor consents to continue to be the supervisor, then he can continue to be so. If he declines, and there is no co-supervisor (of NITK), a caretaker supervisor will be appointed by the DRC/ SRC.

Further, if major revision becomes necessary, and the co-supervisor or the caretaker supervisor provides the required help in carrying out the major revision, he will automatically be treated as a supervisor of that candidate.

R-7-4-2: A supervisor retires
A faculty member, who is due to retire within the next two years from the date the DRC/ SRC meets to appoint a supervisor, can not be appointed a supervisor. If a faculty member on retirement informs that he shall continue effectively supervising the scholar(s) registered under him, can continue as a supervisor, if either reemployed, or appointed Emeritus Fellow, or the synopsis of the thesis has been submitted, or the Director is convinced of his availability/continued guidance to the scholar and permits him to continue. If necessary, alternative/ caretaker supervisor be appointed by the DRC.

R-7.4.3 A Supervisor resigns

If necessary, alternative/ caretaker supervisor shall be appointed by the DRC.

R-7.4.4 A Supervisor expires
Alternative / caretaker supervisor shall be appointed by the DRC.

outgoing supervisor may be allowed to act as external supervisor, if he/she desires.

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 external supervisor, if supervisors and candidate mutually agree for this.

In case the faculty on long leave working as external supervisor return back to institute and the candidate has not yet submitted PhD thesis, his/her status will automatically be changed to internal co-supervisor.

In case, supervisor proceeds on leave for a period of up to 12 months, he will continue to act as internal supervisor (main or co-supervisor). Otherwise, if not interested he/she inform in writing.

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 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 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-19	R-19
LEAVE AND ATTENDANCE	**LEAVE AND ATTENDANCE**
• A full-time Ph.D. scholar during his stay at the Institute will be entitled to leave of 30 days including leave on medical grounds, per academic year. He will not be entitled to mid-semester breaks/vacations, summer and winter vacation.	• A full-time Ph.D. scholar may avail 30 days. leave including leave on medical grounds for each completed year of his/her tenure subject to a maximum of 5 leaves in a month. In exception circumstances, HOD/coordinator may take appropriate decision. The scholar will not be entitled to mid-semester breaks/vacations, summer and winter vacation. Any absence from the institute without sanctioned leave may lead to loss of fellowship for the period of absence.
• Leave beyond 30 days in an academic year may be granted to a Research Scholar in exceptional cases, subject to the following conditions:	• Leave beyond 30 days in an academic year may be granted to a Research Scholar in exceptional cases, subject to the following conditions:
o the leave beyond 30 days will be without scholarship and	➢ the leave beyond 30 days will be without scholarship and
o Such an extension of leave up to additional 30 days will be granted only once during the program of the scholar.	➢ Such an extension of leave up to additional 30 days will be granted only once during the program of the scholar.
The women research scholar will be eligible for Maternity Leave as per MHRD rules. However, the minimum registration period will be extended by the leave period.	➢ For duty leaves, candidate should apply to dean (Academic) through supervisor.
	The women research scholar will be eligible for Maternity Leave as per MHRD rules. However, the minimum registration period will be extended by the leave period.

EXAMINATION	EXAMINATION
R-9.1	**R-9.1**
Every scholar is required to submit his research plan proposal. The research plan proposal should include a brief account of the related work already reported in the literature. In the plan, the scholar should clearly spell out the investigation/work he intends to carry out and justify the need of the same. Subsequently, the research work should be carried out in accordance with the approved research plan. Any change in research plan can be indicated by research scholar in semester progress reports.	Every scholar is required to submit his research plan proposal. The research plan proposal should include a brief account of the related work already reported in the literature. In the plan, the scholar should clearly spell out the investigation/work he/she intends to carry out and justify the need of the same. Subsequently, the research work should be carried out in accordance with the approved research plan. Any change in research plan can be indicated by research scholar in semester progress reports.
The following procedure is followed for conducting the comprehensive evaluation of the Ph.D. scholars. (a) The written examination should be conducted by the DRC/ SRC. (b) The result of the written examination should be declared within two weeks as passed / failed. Every scholar is required to take comprehensive examination, which will test his comprehensiveness in his broad field of research, and his academic preparation and potential to carry out the research. The evaluation shall be a combination of written and oral examinations. The oral examination may be conducted along with the evaluation of research plan proposal, after the candidate has obtained at least 40% marks in written test. The written as well as the oral examination will be conducted by the DRC/ SRC. Every scholar must pass the comprehensive examination within 12-18 months of his initial registration.	The following procedure is followed for conducting the comprehensive evaluation of the Ph.D. scholars. (a) Every scholar is required to take comprehensive examination, which will test his readiness in his/her broad field of research, and his/her academic preparation and potential to carry out the research. The comprehensive examination shall be based on a presentation in front of DRC. (b)Every scholar must pass the comprehensive examination within 12-18 months of his initial registration. He/she should apply at least one month in advance for comprehensive examination through his/her supervisors. In case of any justified delay beyond the specified period, candidate may request to Dean (Academic) through DRC for an extension of comprehensive examination. Such extension may be allowed for a maximum period of six months only. (c) Candidate should give a notice at least one month in advance for pre-submission presentation.
R-11.1 **Pre-synopsis Seminar** On research scholar's request for pre -synopsis seminar, DRC/ SRC shall evaluate the journal publications of the scholar from his Ph.D. work and consider his performance in PG courses. If found satisfactory, DRC/ SRC shall assess the scholar's work through a pre-synopsis seminar. Pre-synopsis seminar shall be held not earlier than two and half years for full time and three and half years for part time scholars from the date of registration.	**R-11.1** **Pre-synopsis Seminar** On research scholar's request for pre -synopsis seminar, DRC/ SRC shall evaluate the journal publications of the scholar from his Ph.D. work and consider his performance in PG courses. If found satisfactory, DRC/ SRC shall assess the scholar's work through a pre-synopsis seminar.

R-14.1
ii) Each examiner will give his opinion about candidate's capacity for critical examination and sound judgment. The examiner will submit the report to the Professor-in-charge, Examinations on the prescribed form supplied by him clearly recommending that:
  a) The thesis is accepted for the award of the Ph.D. degree subject to the candidate giving satisfactory answer to the queries specifically mentioned in the report, at the time of viva voce exam
  b) The candidate be asked to resubmit his thesis in the revised form.
  c) The thesis be rejected.
	R-14.1
	ii) Each examiner will give his opinion about candidate's capacity for critical examination and sound judgment. The examiner will submit the report to the Professor-in-charge, Examinations 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

PH.D. ORIDNANCES

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

The National Institute of Technology, Kurukshetra, an "Institute of National Importance", offers through its departments/ schools the degrees of B.Tech,M.Tech, MBA, MCA and Ph.D in the disciplines of Engineering, Sciences, Social Sciences, Business Administration and Computer Applications.

The Institute undertakes sponsored research and development projects from various industrial and other organizations in public and private sectors. The Institute encourages research in inter-disciplinary areas also, and provides opportunities for such research programs.

The National Institute of Technology, Kurukshetra (NITK), formerly a Regional Engineering College was established in year 1963. It is the first Engineering Institute established in the state of Haryana. It was conferred the deemed university status on 26.6.2002, and declared an "Institute of National Importance", on 15.08.2007. The Institute is now fully and directly funded by Central Government through the Ministry of Human Resource Development.

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

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

Fees & Deposits

The prescribed fee payable by Ph.D. scholars is as under

Institute

Fees (Full Time/Part Time)	Rs. 7500/- per semester
Fees (NRIs/Foreign students)	US $ 2000/- per semester
Medical Insurance (Full Time including NRIs)	Rs. 1000/- per year

Hostel/Faculty House/Other Residential Place

Fees (Single Seated for Full Time)	Rs. 5250/- per semester
Mess Security	Rs. 10000/-

Hostel rooms shall be allotted only to the full time Ph.D. scholar subject to availability of the rooms in the hostels.

Faculty House/Other Residential Place shall be provided to the married full time Ph.D scholar subject to availability on the prescribed room rent and other charges as decided by the Institute authority.

Ph.D. Programs

Ph.D. programs arc offered by the following departments / Schools in the related areas of specializations.

- Department of Civil Engineering
- Department of Electrical Engineering
- Department of Electronics and Communication Engineering
- Department of Computer Engineering
- Department of Information Technology
- Department of Mechanical Engineering
- Department of Production and Industrial Engineering
- Department of Physics
- Department of Chemistry
- Department of Humanities and Social Sciences
- Department of Mathematics
- School of VLSI Design and Embedded Systems
- School of Renewable Energy and Efficiency
- School of Materials Science and Technology
- School of Biomedical Engineering
- Department of Business Administration
- Department of Computer Application

Admissions to Ph.D. Program

Admissions to Ph.D. Programs (Full Time/Part Time) in the Departments/Schools of Engineering, Sciences, Social Sciences, Computer Application and Business Administration are to be made twice in an academic year (in the odd and even semesters).

Research Areas:

Advertisement should include the details of seats as per specializations/ research areas to be offered by the respective departments/schools. These research areas are to be provided by the concerned Departmental Research committees (DRC)/School Research Committees (SRC), well before the start of any semester. These are to be finalized only after consulting the relevant academic and industrial experts. Emphasis is to be given for the research areas with experimental work. In case required, test labs may be identified where selected candidates can approach during their research. Areas should be aligned to the current research across the world. Department /School is required to update list of the faculty members with details of their Ph.D. supervisions in the institute as well as outside the institute, time to time (specifically before the start of any semester).

Admission Process:

1. Applications for Ph.D. programs are to be invited from Indian and foreign nationals on the prescribed format (Annexure-I.) Applications as received are to be scrutinised at the central level by inviting two DRC/SRC nominees. After scrutiny, list of all eligible applicants is to be uploaded on the institute website.
2. All eligible applicants will be required to appear in an objective type entrance test of PG level The syllabus of entrance test will be comprising of:
     - Paper I: Research Methodology (Common Paper) : 30 marks, 30 minutes duration
     - Paper II: Area of Research/ Specialization : 30 marks, 30 minutes duration
     Syllabi and question papers for Paper-II will be supplied by the respective departments/schools. Qualifying marks will be 50 % of the total (60 marks). Test to be conducted centrally and result will be uploaded on the institute website preferably by the next day.

3. List of the qualifying candidates with marks as obtained will be be sent to the respective department/school.
4. All qualified candidates will be required to appear before the respective DRC/SRC for an interaction comprising of a brief presentation by the candidate related to research area. There should be a gap of about one week between the test and interaction by DRC/SRC. Qualified candidates may contact prospective supervisors in the departments.
5. DRC/SRC will evaluate the candidates and marks will be awarded out of 40 marks (15 marks for presentation, 15 marks for interaction and 10 marks for academic achievements).
6. Based upon their performance in written test and interaction with DRC/SRC totality (out of 100 marks), respective DRC/SRC will recommend the merit list of candidates by awarding marks out of 100 seat wise (as advertised) along with proposed allotted supervisor(s). Such allotment should take care of uniformity of full time research scholars (including candidates from other departments) among all eligible supervisors. In case of tie, merit list is to be prepared on the basis of following (in order of preference):
     i. Performance of candidate in written test
     ii. Percentage of marks in qualifying degree
     iii. Age of the candidate

7. After receiving the merit list as above, office of dean academic will issue the admission letters to recommended candidates for joining the programs.

Contacts:

The contact numbers of the offices of Dean (Academics) and Heads of Departments are as listed below:

Office of the Dean(Academic)		
Telephone No.		
EPABX: 01744-233100, 233200		
FAX NO.: 01744-238050		
Designation	**Office**	**Deptt. Office**
Dean (Academic)	**233223**	**233376**
Prof-in-charge (Academics)	233224	233463
Prof-in-charge (Examinations)	233239	233507
D. R.(Academic)	233227	233227
Academic Section	233241	233241
Civil Engg. Deptt.	233345	233344
Computer Engg. Deptt.	233483	233479
Electrical Engg. Deptt.	233378	233371
Electronics & Communication Engg. Deptt.	233422	233414
Mechanical Engg. Deptt.	233557	233447
Physics Deptt.	233548	233497

Chemistry Deptt.	233541	233510
Humanities & Social Sciences Deptt.	233520	233516
Mathematics Deptt.	233509	233504
Department of Business Administration	233523/516	233524
Department of Computer Application	233532	233540
School of VLSI Design and Embedded Systems	233415	233440
School of Renewable Energy and Efficiency	233458	233458
School of Biomedical Engg.	233381	233381
School of Materials Science& Technology	233495	233495

NATIONAL INSTITUTE OF TECHNOLOGY

KURUKSHETRA

ORDINANCES & REGULATIONS
for the
DEGREE OF DOCTOR OF PHILOSOPHY

PREAMBLE

The National Institute of Technology, Kurukshetra offers through its Departments, postgraduate programs leading to the award of the Doctorate (Ph.D.) degree. The award of the Doctorate degree is in recognition of high academic attainments, quality research, and application of knowledge to the solution of technical and scientific problems in Science, Technology, and Humanities & Social Sciences.

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

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

ORDINANCES
Note: 'He' & 'His' imply 'he' / 'she' and 'his'/'her' respectively in the whole of thisdocument.

1. DEFINITIONS
(i) **"NITK"** shall mean the National Institute of Technology, Kurukshetra.

(ii) **"Research Scholar"** shall mean a person who is registered for the Ph.D.

program in a department of NITK.

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

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

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

"Co-Supervisor" shall mean additional supervisor as appointed by the DRC/SRC. The Co-supervisor(s) may be from NITK itself, or a faculty from institute/university/college having NIRF ranking up to 100 (in any of the categories)/ reputed institutes/universities/colleges/organizations fully funded by state/central government and reputed R&D organisation/national laboratories/industry **having sufficient facilities to carry out research at their place**. A Co-supervisor must have the academic and research qualifications as prescribed for a supervisor as per the PhD ordinance of NIT Kurukshetra.

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

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

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

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

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

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

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

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

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

(xv) **"BOS"** shall mean the Board of Studies of a Department of NITK.

(xvi)**"RAC"** shall mean Research Advisory Committee of the research scholar.

2. GENERAL

1. This ordinance / Ph. D. regulations shall be applicable to students taking admission in Ph. D. programs at NITK for academic session 2018-19.

2. All eligibility criteria must be satisfied on the last date of receipt of application, failing which application will be rejected. The candidates must have passed qualifying examination at the time of submission of the application otherwise their application form would be rejected for which the Institute shall not make any communication in this regard.

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

4. The applicant, if employed, must send his application through the competent authority / proper channel.

5. The date of initial registration of a scholar shall normally be the date on which the scholar formally registers and deposits the fees for the first time for the Ph.D. program; which shall also be the date of joining the program for all intents and purposes.

6. In case of change of status from full-time to part-time, the time spent as a full-time scholar will be taken into account for the purpose of minimum registration period requirement. For change of status from full time to part time, the scholar must have completed a minimum of two years as full time scholar at the institute.

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

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

9. The scholar should be present in the Department when a DRC/ SRC meeting is held for evaluating the comprehensive examination / presentation.

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

If, even on having been granted extension, he does not submit the progress report within the stipulated time or on resubmission also, the progress is adjudged as unsatisfactory; his registration shall stand automatically cancelled. Only one such chance can be allowed to a scholar during his entire Ph.D. program.

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

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

six months will be stopped. Only one such chance can be allowed to a scholar. If the research scholar fails to qualify the comprehensive examination after getting extension of six months his registration will be cancelled.

13. The scholar must request the HOD well in time (at least fifteen days before the expiry of expected date), through his supervisor(s), about his plans to appear in the comprehensive examination.

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

15. A research scholar is required to complete all the requirements for the award of the Ph.D. degree within the specified period as per the regulations failing which he will be de-registered.

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

17. It is the responsibility of the research scholar himself to be in the knowledge of the amendments (if any) in the ordinances and the regulations. No scholar will be informed individually. The related circulars/amendments would be available in the office of the HOD / Dean. The amendments are incorporated in the prospectus and the amended version is put on the Institute website also. He should maintain frequent contact with the supervisor for the purpose.

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

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

REGULATIONS:

The following regulations shall apply to all categories of research scholars pursuing courses of study and research leading to the degree of Ph.D.

R-1:

CLASSIFICATIONS

The scholars shall be classified in the following ways

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

Part-time

(B) *On the basis of the occupation*

i) **Teacher**, a person on the faculty of a Department of a teaching institute.

ii) **Non-teacher**

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

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

i) **Indian**

ii) Foreign nationals admitted through the Embassy of the respective Governments, after getting approval from the Ministry of External Affairs and 'No Objection Certificate' from the Ministry of Human Resource Development, Department of Education and Government of India or admitted under a MoU.

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

i) Self-financed A scholar who does not receive financial help like scholarship/assistantship from NITK, or from any other source during his Ph.D. program.

ii) Fellowship / Scholarship Awardees

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

(b) A research scholar receiving fellowship / scholarship from outside organizations such as CSIR, UGC, QIP, DST, AICTE etc.

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

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/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 July 1.

(iv) 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. Also, the proposed supervisor from outside NITK [#] but from within the country (if any), is to be invited to participate in the DRC meeting when the case of his prospective / respective candidate is taken up and he/she will be paid TA/DA by the Institute as per its rules.

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.

[#] **NOTE:**

If a Co-Supervisor of the scholar is from outside NITK but from within the country, he will be invited for the DRC/SRC meeting whenever his scholar's comprehensive, pre-synopsis seminar and final defence is taken up. In all such cases, he will be paid TA/DA by the Institute as per rules.

The HOD shall be the Chairman of the DRC/ SRC. If the HOD 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. Minutes

R-3:
ELIGIBILITY

R-3.1 Educational Qualifications:

An applicant possessing the prescribed qualifications shall be eligible for admission to a Ph.D. program of the institute. Degrees obtained through distance education programs shall not be considered. The course as well as University of qualifying degree must be recognized by AICTE &UGC and will be verified by Academic Section before registration.

In order to encourage the candidates for interdisciplinary research which is the state of art in today's scenario, the eligibility criteria for Ph.D. is as below:

Master's degree in respective discipline or equivalent with a minimum Cumulative Grade Point Average (CGPA) of 6.5 on a 10-point scale or equivalent as determined by the Institute wherever letter grades are awarded; or 60% marks in aggregate where marks are awarded.

OR

Bachelor's degree in Engineering/Technology with a minimum of 70% marks in aggregate or equivalent CGPA and a minimum of 10 years of work experience (at the level of Assistant Professor or equivalent) in an engineering degree level technical Institute or R&D organization/industry, and Evidence of Master's level R&D work completed.

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

(i)   The applicants should be professionally employed as engineers and scientists in Public Sector Undertakings or Government Departments or national level R&D organisation/national laboratories/industry, **having sufficient facilities to carry out research at their place**

(ii)   faculty in institute/university/college having NIRF ranking up to 100 (in any of the categories), **having sufficient facilities to carry out research at their place in the related research area**

(iii)   reputed institutes/universities/colleges/organizations fully funded by state/central government **having sufficient facilities to carry out research at their place in the related research area**

All candidates should have a minimum experience of two years at the level of Assistant Professor or equivalent in the sponsoring institute/university/college/organisation or R & D organization / national laboratory/industry at the time of applying for admission.

Minimum qualification for these candidates is the same as for full-time candidates.

The applicants, who are employed in an NIT on a regular / contract (including the project staff) for three years or more, are exempted from the above condition.

(ii) For part-time candidates, there is a minimum residency requirement of 6 weeks in first year of PhD enrolment at NIT Kurukshetra to discuss the research work with his supervisor in the Department. DRC may suggest a higher residency period based on the courses recommended as well as the background of the student. All such visits shall be recorded in the Department with a copy to Dean (Academic) office.

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

   o The candidate is permitted to pursue studies on a part-time basis

o That his/her official duties permit him/her to devote sufficient time for research. Facilities for research in the candidate's field of research are available at the candidate's place of work

R-3.3 Eligibility for Institute Scholarship#

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

(ii) Initial award of the scholarship at the time of Provisional admission to Ph.D. programme will continue for one year from the date of the issue of the scholarship. There shall be annual assessment of the performance of the Ph.D. scholar for continuation of the scholarship.

(iii) Criteria for continuing the Institute Fellowship:

(a) Minimum requirements

Sr. No.	Period of Regn. (Years Completed)	Period of Fellowship	Min. Requirement
1.	01	2nd year	Successful completion of Ph.D. Course with min. 7.0/10.0 CGPA
2.	02	3rd year	Approval of the Research plan and one paper in SCI/SCIE/Scopus/Web of Science indexed international Conference
3.	03	4th year	01 paper in SCI/SCIE/Scopus/Web of Science indexed non-paid journal
4.	04	5th year	02 paper in SCI/SCIE/Scopus/web of Science indexed non-paid journal

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

(iii) Following committee will assess the performance of the scholar:
(1) Dean Academic — Chairman
(2) Dean RC — Member
(3) Head of the concerned dept. — Member
(4) Ph.D. supervisor concerned — Member
(5) One external subject expert from reputed institute preferably from IITs/IISc/NITs/Reputed national laboratories/R & D Org. — Member

(iv)   The committee shall assess the consistency in the performance of the scholar in his/her Ph.D. research work in accordance with criteria as mentioned above. In case, performance is not found by the committee consistent with the criteria, the scholarship shall be discontinued for that academic session. His/her candidature shall be considered in the next A Y as per the prescribed criteria.

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

R-4

RESERVATION/ RELAXATION

R-4.1

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

R-4.2

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

R-5

SHORTLISTING and ADMISSION

(a) The DRC/SRC will check and certify the eligibility of the applicant.

(b) The Chairman DRC/SRC will call the eligible candidates for test and interview by placing notification on institute website and will also mention the reason for non-eligibility of rejected candidates.

(c) The basic guidelines / instructions for short listing will be framed and issued by the DRC/SRC with a copy of the same to the Dean (Academics).

(d) The short listing of applicants for the purpose of admission test/ interview will be done by the DRC/SRC.

(e) The eligible applicants will be tested by the DRC/SRC through written test.An Entrance Test shall be qualifying with qualifying marks as 50%. The syllabus of the Entrance Test shall consist of 50% of research methodology and 50% shall be subject specific. Based on their performance in the written test, DRC/SRC can shortlist a number of candidates for interview as per the number of vacancies available in the department.

(f) The DRC/SRC will recommend the selected candidates and their supervisors to the Dean (Academics) for registration. Dean (Academic) will approve the candidate for admission by considering candidate application, supervisor eligibility and recommendation of DRC/SRC.

(g) After getting the certificates checked by the Academic Section and the Dean's approval, the candidate may deposit the fees etc. The candidate must deposit his fees within 15 days of the Dean's approval or as notified by Dean, failing which the candidature shall stand cancelled.

(h) The registration process of fresh Ph.D. candidates shall be completed before the start of the semester.

R-6

REGISTRATION

R-6.1

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

R-6.2 Time Period Requirement for Thesis Submission

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

b) The maximum time for the submission of the thesis for a full-time scholar is five years, and that for a part-time scholar is six years from the date of the initial registration for the Ph.D. Programme. However, candidate is eligible for extension beyond this period only if he has published / received acceptance of at least one research paper out of his research work innon-paid peer reviewed SCI/SCIE/Scopus/Web of Science Journals.

c) On the recommendation of the DRC/SRC and the Dean (Academics), this limit may be extended up to a maximum period of seven years on yearly basis for both the categories by the Director, beyond which the registration shall stand cancelled automatically and the candidate has to re-register himself/herself as per the rule given in R-6.3.

R-6.3 Re-Registration

a) The scholar will request the Chairman DRC/SRC with the recommendations of his/her supervisor (s) for re-registration within a period of 3 months of cancellation of his/her registration i.e. completion of 7 years after the date of registration. Supervisor/Supervisors will recommend the re-registration only if the quantum of required work and publication requirements for submission of Ph.D thesis can be completed within next two years.

b) The application of the scholar will be forwarded/recommended through DRC/SRC and dean (Academic) to the Director and he may allow for re-registration to the scholar. If allowed, the scholar will deposit a re-registration fee of Rs. 5000/-(Rs. Five thousand only) and the date of submission of this fee will be considered as his/her date of re-registration. In addition to the registration fee, the normal semester fee of current semester will be payable, if not already paid. Semester fee for upcoming semesters will be payable as per rules.

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

d) The re-registration scholar will not be permitted to submit his/her thesis before one year of his/her re-registration. The maximum period for a re-registered scholar to submit his/her thesis will be two year, beyond which the re-registration will stand cancelled automatically and no further re-registration will be possible.

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

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 Professor of the Institute with at least five research publications in refereed journals (SCI/SCIE/Scopus/Web of Science) and any regular Associate/Assistant Professor of the Institute with a Ph.D. degree and at least two research publications in refereed journals (SCI/SCIE/Scopus/Web of Science) can be appointed as Supervisor on recommendations of respective DRC/ SRC of concerned Schools/Departments.

However, in areas/disciplines, where there is no or only a limited number of refereed journals, the Institution may relax the above condition for recognition of a person as Research Supervisor with reasons recorded in writing.

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.

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 NITK.

R-7.4 Appointment of alternative Supervisor

A 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 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 will appoint an alternate supervisor with the consent of candidate and the main supervisor. The outgoing supervisor may be allowed to act as external supervisor, if he/she desires.
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 external supervisor, if supervisors and candidate mutually agree for this.
In case the faculty on long leave working as external supervisor return back to institute and the candidate has not yet submitted PhD thesis, his/her status will automatically be changed to internal co-supervisor.
In case, he proceeds on leave for a period of up to 12 months, he will continue to act as internal supervisor (main or co-supervisor). Otherwise, if not interested he/she inform in writing.

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 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 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-7.5

At no point of time, there shall be more than eight research scholars including scholars from outside NITK being supervised by any faculty member. This number excludes the Ph. D. scholars who have submitted the Ph. D. thesis.

R-8

COURSES AND CREDITS

A research scholar will be required to pass at least four PG courses (minimum 13 credits) with a minimum CGPA of 7.0 out of maximum 10.0. The scholar can register for these courses after the approval of the research supervisor(s) only. The course of research methodology (with four credits) will be compulsory for all research scholars.

CGPA shall be computed on the basis of letter grades obtained in PG courses only.

The part time scholars shall have to complete the course work as full time resident scholar. However this condition can be relaxed / waived off by the Director on the recommendation of the DRC/ SRC for candidates from R & D organization / industry on case to case basis.

The course work is required to be completed before the comprehensive examination.

R-9

EVALUATION OF COMPREHENSIVE

EXAMINATION R-9.1

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

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

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

(b)Every scholar must pass the comprehensive examination within 12-18 months of his initial registration. He/she should apply at least one month in advance for comprehensive examination through his/her supervisors. In case of any justified delay beyond the specified period, candidate may request to Dean (Academic) through DRC for an extension of comprehensive examination. Such extension may be allowed for a maximum period of six months only.

(c) Candidate should give a notice at least one month in advance for pre-submission presentation.

R-9.2

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

R-9.3

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

Only one such chance can be allowed to a scholar.

R-9.4

A scholar will be allowed a maximum of two attempts to pass the comprehensive evaluation, failing which his registration will be cancelled.

R-10

PERFORMANCE MONITORING

R-10.1

The academic/research progress of each scholar will be monitored by the research supervisor. For this purpose, at the end of each semester, a scholar is required to submit the semester progress report to his supervisor. The progress report should cover (i) summary of the work done before the start of the semester under consideration ii) the goals set for this semester, iii) the methodology used in achieving the goals, and iv) the extent of the fulfillment of the goal. The supervisor shall record his comments and the result of his evaluation as satisfactory / unsatisfactory. After recording his evaluation result, the supervisor shall forward the progress report to Chairman, DRC/ SRC who will apprise the DRC of the same before forwarding it to Dean (Academics).

A part time scholar must submit his progress report to his supervisor personally and make himself available for necessary discussions with the supervisor. The reports submitted on line shall be ignored.

The scholars must submit their semester progress reports latest by Dec. 31st and June 30th every year.
All the scholars are required to present at least three seminars in addition to pre-submission seminars before DRC/ SRC.

R-10.2

The Chairman DRC/ SRC in the Department will coordinate, every semester, the collection of progress reports written and signed by the scholars and forwarded by the allotted supervisor(s).

R-10.3

If due to compelling adverse circumstances (as considered so by the DRC/ SRC), a scholar is not able to submit his progress report by the stipulated date, or the progress of a scholar is adjudged by the DRC/ SRC as unsatisfactory, he, on his request, can be

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

Only one such chance can be allowed to a scholar during his entire Ph. D. program.

If, even on having been granted extension, he does not submit the progress report within the stipulated time or on resubmission also, the progress is adjudged as unsatisfactory by the research supervisor, his registration shall stand cancelled and he shall cease to be a research scholar of the Institute.

R-10.4

The cases where some punitive action is taken will be reported to the Director.

R-11

SEMINAR/ SYNOPSIS/ PANEL OF EXAMINERS

R-11.1

Pre-synopsis Seminar

(a) A research scholar will be allowed to deliver his /her pre-synopsis seminar only after getting at least a CGPA of 7.0/10.0 in course work and after publishing /getting acceptance of at least two research papers out of his research work in non-paid peer reviewed SCI/SCIE/Scopus/Web of Science Journals.

On research scholar's request for pre -synopsis seminar, DRC/ SRC shall evaluate the journal publications of the scholar from his Ph.D. work and consider his performance in PG courses. If found satisfactory, DRC/ SRC shall assess the scholar's work through a pre-synopsis seminar.

An expert from reputed institute preferably from IITs/NITs/ Reputed national laboratories/R & D Org. working in the related research area should be invited during the pre-submission presentation by the candidate in front of DRC/ SRC. Candidate should give a request through proper channel at least one month in advance for pre-submission presentation.

(b) The schedule of the pre-synopsis seminar shall be notified well in advance (at least three days in advance) so as to enable the interested staff members and the students to attend it.

R-11.2 Synopsis

The scholar will submit the synopsis only on research supervisor's and DRC's/ SRC satisfaction on quality of the work. The synopsis should precisely reflect all aspects of the research work to be included in the thesis.

(a) The scholars shall submit two hard copies and a soft copy of the synopsis in the same format as specified for the thesis to the Chairman, DRC/ SRC. The DRC/ SRC will examine the synopsis, and the Chairman DRC/ SRC shall forward the synopsis with its recommendations to the Dean.

(b) The synopsis should be submitted normally within 2 months after the presentation of pre-synopsis seminar. In case the synopsis is not submitted in the specified period, the scholar may be asked to present another pre-synopsis seminar.

(c) The scholar can submit his thesis after a gap of at least one month after submission of the synopsis.

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

not exceeding 10 months from the date of the submission of the synopsis. However, the thesis should be submitted within the prescribed time limit as per regulations.

R-11.3

Panel of Examiners

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

R-12

BOARD OF EXAMINERS

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

R-13

THESIS SUBMISSION

R-13.1

The scholar will submit a soft copy of the thesis in PDF format on CD, and two unbound copies with soft covers, typed in English, one and a half spaced, printed in Times New Roman 12 pt. or Arial 11 pt. on both sides of A-4 size papers. The margins on right page shall be 1.25" –left, 1" –right, 1" –top and 1" –bottom and the margins on left page shall be 1.25" –right, 1" –left, 1" –top and 1" –bottom. The thesis shall be submitted along with the examination form and examination fee of Rs.5,000/-.

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 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/Web of Science Journals.

Further, the above modifications shall be applicable prospectively (i.e. students to be admitted from academic session 2017-18 onwards).

R-13.3

A candidate can submit his thesis within the time period as stipulated in regulations provided that he 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 Professor-in-charge, Examinations. 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 opinion about candidate's capacity for critical examination and sound judgment. The examiner will submit the report to the Professor-in-charge, Examinations on the prescribed form supplied by him clearly recommending that:
   a) The thesis is accepted as it is for the award of the Ph.D. degree.
   b) Thesis is accepted with minor revisions to be incorporated in the thesis and are to be verified at the time of Viva-Voce examination by the Examination Committee.
   c) The candidate be asked to resubmit his thesis in the revised form.
   d) The thesis be rejected.

R-14.2

In the event of the thesis report not being received from an examiner within a period of three months from the date of dispatch, the Director may approve alternate examiner in his place for evaluating the thesis from the approved list of examiners. Before

corresponding with the alternate examiner, the original examiner must be informed by the Professor-in-charge, Examinations, of the cancellation of this appointment, stating the reason therein.

R-14.3

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

(b) If one examiner recommends acceptance and other revision or rejection the thesis will be sent to the third examiner. If the third examiner recommends acceptance / rejection, the thesis will be accepted / rejected respectively. If he recommends revision, the scholar shall resubmit the revised thesis. The revised thesis will be sent to all the three examiners. If at least two examiners recommend acceptance, the thesis will be accepted **else** rejected.

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

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

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

R-15

RESUBMISSION

When a thesis is to be revised and resubmitted, the scholar should be informed about the comments of the examiners. The revised thesis is to be submitted within one year, but not earlier than three months.

The revised version of the thesis will be sent to all the examiners for their fresh recommendations.

R-16

VIVA-VOCE EXAMINATION

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

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

R-16.1

On having been allowed to appear in the viva-voce examination, the scholar is to defend his thesis orally before the Examination Committee comprising supervisor (Chairman of the committee), one DRC/ SRC nominee and one Indian external examiner. The Chairman DRC/ SRC will coordinate with all the examiners and the scholar and will fix a date for holding the viva-voce examination. The questions / queries communicated by the thesis examiners in their reports shall be intimated to the

candidate through his supervisor at least one week before the date of conduct of the viva -voce examination. The schedule of the viva-voce examination shall be adequately notified so as to enable interested staff members and students to attend it.

R-16.2

(i) In case of non-availability of the Indian external examiner for conducting the viva-voce examination, the Director may appoint alternate examiner to conduct the viva-voce examination from the existing panel.

If the need be, the DRC/ SRC may suggest a fresh panel of examiners.

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

(iii) The research supervisor shall assist the Chairman in arranging the viva-voce examination of the candidate as early as possible.

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

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

(a) recommended for the award of the degree

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

(c) not recommended for the award of the degree

The report shall be sent by the Chairman DRC/ SRC in a confidential cover to the Professor-in-charge, Examinations.

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

R-17

AWARD OF THE Ph.D. DEGREE

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

a) that the degree be awarded;

b) That the degree shall not be awarded.

i) The thesis is to be resubmitted.

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

For (b) (i) above, the Committee, if required, shall provide to the candidate a list of all corrections and modifications to be made in the thesis, including suggestions made by the examiners during the thesis evaluation, and the result of the candidate will be declared

after the candidate submits two copies of the corrected thesis certified by the internal examiner that the necessary corrections and modifications have been made.

R-18

INSTITUTE SCHOLARSHIP

R-18.1

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

A scholar is liable to refund whole of the financial assistance/scholarship received if he has joined as full time research scholar and abandons and leaves his Ph.D. work without completing it.

R-18.2

In addition, the scholars will be provided contingency grant in accordance with the rules of the Institute.

It is to be noted that admission to the programs and award of scholarship are not linked. Admission to a program does not guarantee the award of scholarship. Those who are not awarded scholarship can continue with the program as self-financed scholars. The Institute may provide fee waiver to the self- financed scholars subject to the final approval of Director on the recommendation of DRC/ SRC& the Dean (Academics).

R-19

LEAVE AND ATTENDANCE

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

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

- A full-time Ph.D. scholar may avail 30 days leave including leave on medical grounds for each completed year of his/her tenure subject to a maximum of 5 leaves in a month. In exception circumstances, HOD/coordinator may take appropriate decision. He will not be entitled to mid-semester breaks/vacations, summer and winter vacation. Any absence from the institute without sanctioned leave may lead to loss of fellowship for the period of absence.
- Leave beyond 30 days in an academic year may be granted to a Research Scholar in exceptional cases, subject to the following conditions:
  - ➢ the leave beyond 30 days will be without scholarship and
  - ➢ Such an extension of leave up to additional 30 days will be granted only once during the program of the scholar.
  - ➢ For duty leaves, candidate should apply to dean (Academic) through supervisor.

The women research scholar will be eligible for Maternity Leave as per MHRD rules. However, the minimum registration period will be extended by the leave period.

R-20

CANCELLATION OF REGISTRATION

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

(i) if he absents himself/ herself for a continuous period of four weeks without prior intimation/ sanction of leave.

(ii) if he resigns from the Ph.D. Programme.

(iii) if he fails to renew his registration within 4 weeks of the start of the semester as per provision contained in these Ordinances & Regulations.

(iv) if he does not submit his semester progress report by the stipulated date or his academic progress is found unsatisfactory.

(v) If he does not clear the comprehensive evaluation as stipulated.

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

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

R-21

GENERAL

R-21.1

Notwithstanding anything contained in these Ordinances & Regulations, all categories shall be governed by the rules and procedures framed by the Senate, and in force from time to time.

R-21.2

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

R-21.3

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

R-21.4

All exceptions and issues not covered above may be decided by a committee consisting of the Director, Dean (Academics), Head of the Department concerned and the Supervisor(s) of the candidate concerned.

_____XXXXXXXXXX_____

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

The NIT Kurukshetra has been mentoring the Indian Institute of Information Technology (IIIT) Sonepat, Kilohard, Sonepat w.e.f. Academic Session 2014-15 for undergraduate courses in the disciplines of Computer Science & Engineering, Electronics & Communication Engineering and Information Technology and the guest classes of these branches have been running at NIT Kurukshetra during the students of NIT Kurukshetra.

First batch of graduates of IIIT Sonepat have become eligible to receive their respective degrees of B.Tech programme. It is proposed to confer the degree to the graduates of IIIT Sonepat during the 16th Convocation of NIT Kurukshetra.

The Senate may consider.

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

The NIT Kurukshetra has been mentoring the Indian Institute of Information Technology (IIIT) Sonepat, Kilohard, Sonepat w.e.f. Academic Session 2014-15 for undergraduate programmes in the disciplines of Computer Science & Engineering, Electronics & Communication Engineering and Information Technology and the guest classes of these branches have been running at NIT Kurukshetra along with the students of NIT Kurukshetra.

The students of IIIT Sonepat (Academic batch 2014-18) had graduated this year. The successful graduates will be conferred upon the degree of the Bachelor of Technology Programme in their respective disciplines.

In light of this, format of the degree certificate to be awarded to the graduating candidates is proposed for the consideration and approval of the Senate. The copy of the degree format is enclosed as **Annexure S 34.20** from pages **192** to **193**.

It is pertinent to bring to the kind knowledge of the Senate that IIIT Sonepat is one of the 15 Institute created by an Act of Parliament, No. 23 of 2017 dated August 09, 2017. Also, the logo of the Institute being used in the Degree Certificate format had been approved by the Governing Body of IIIT Sonepat in its 2nd meeting held on 01.05.2017.

The Senate may consider and approve the degree format for IIIT Sonepat and to recommend to the BOG for approval.

भारतीय सूचना प्रौद्योगिकी संस्थान सोनीपत

(संरक्षक संस्थान: राष्ट्रीय प्रौद्योगिकी संस्थान, कुरूक्षेत्र)

एतद्द्वारा _____ कम्प्यूटर साईंस एण्ड इंजीनियरिंग _____ में

बैचलर ऑफ टैक्नोलॉजी

की उपाधि _____

पुत्र/पुत्री श्री _____ को प्रदान करता है,

जिसने पाठ्यक्रम का अध्ययन सफलतापूर्वक पूर्ण किया और निर्धारित परीक्षाएँ उत्तीर्ण की हैं।

यह मुद्रित उपाधि _____ को प्रदान की गई ।

Indian Institute of Information Technology Sonepat

(Mentor Institute: National Institute of Technology, Kurukshetra)

hereby confers the degree of

Bachelor of Technology

in *Computer Science & Engineering* _____

on _____

son/daughter of Shri _____

who has successfully completed the course of studies and passed the prescribed examinations.

Given this day. the _____ of _____ under the seal of the Institute.

कुलसचिव	निदेशक	अध्यक्ष, नियामक मण्डल
Registrar	Director	Chairman Board of Governors

2014

भारतीय सूचना प्रौद्योगिकी संस्थान सोनीपत

(संरक्षक संस्थान: राष्ट्रीय प्रौद्योगिकी संस्थान, कुरूक्षेत्र)

एतद्द्वारा ——— इलेक्ट्रानिक्स एण्ड कम्यूनिकेशन इंजीनियरिंग ——— में

बैचलर ऑफ टैक्नोलॉजी

की उपाधि ——————————————————————————————

पुत्र/पुत्री श्री ——————————————————————— को प्रदान करता है,

जिसने पाठ्यक्रम का अध्ययन सफलतापूर्वक पूर्ण किया और निर्धारित परीक्षाएँ उत्तीर्ण की हैं।

यह मुद्रित उपाधि ——————————————— को प्रदान की गई ।

Indian Institute of Information Technology Sonepat

(Mentor Institute: National Institute of Technology, Kurukshetra)

hereby confers the degree of

Bachelor of Technology

in _____ *Electronics and Communication Engineering* _____

on _____

son/daughter of Shri _____

who has successfully completed the course of studies and passed the prescribed examinations.

Given this day. the _____ *of* _____ *under the seal of the Institute.*

कुलसचिव   निदेशक   अध्यक्ष, नियामक मण्डल

Registrar   Director   Chairman Board of Governors

2014

भारतीय सूचना प्रौद्योगिकी संस्थान सोनीपत

(संरक्षक संस्थान: राष्ट्रीय प्रौद्योगिकी संस्थान, कुरूक्षेत्र)

एतद्द्वारा _____ इंफॉर्मेशन टैक्नोलॉजी _____ में

बैचलर ऑफ टैक्नोलॉजी

की उपाधि _____

पुत्र/पुत्री श्री _____ को प्रदान करता है, जिसने पाठ्यक्रम का अध्ययन सफलतापूर्वक पूर्ण किया और निर्धारित परीक्षाएँ उत्तीर्ण की है। यह मुद्रित उपाधि _____ को प्रदान की गई ।

Indian Institute of Information Technology Sonepat

(Mentor Institute: National Institute of Technology, Kurukshetra)

hereby confers the degree of

Bachelor of Technology

in _____ *Information Technology* _____

on _____

son/daughter of Shri _____

who has successfully completed the course of studies and passed the prescribed examinations.
Given this day, the _____ *of* _____ *under the seal of the Institute.*

कुलसचिव   निदेशक   अध्यक्ष, नियामक मण्डल
Registrar   Director   Chairman Board of Governors

19.09.18

Note:-   The particulars of the students had already been uploaded on the website nitkkr.ac.in before convocation. No request will be entertained for corrections in the particulars of the student in degree. If there is any genuine grievances of the student will be entertained withdue approval of the competent authority of the Institute and Rs 500/- will be charged for duplicate degree.

Checked & Verified By :-

1.

2.

PROF-IN-CHARGE (EXAMINATIONS)
NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA - 136119

IMPORTANT
3. This sheet of paper is Non- Tearable and Water proof.
4. Please don't laminate this document.
Lamination will damage the security features.

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

There are some issues related to dress code of 16th Convocation 2018 which have been raised by the students through email. The email was forwarded to Prof. Lillie Dewan and Prof. Jyoti Ohri by the Dean (Academic).

The suggestions received from the CW (Girls) and email of the student are enclosed as **Annexure S 34.21** from Pages 195 to 197.

The Senate may discuss & decide.

OFFICE OF THE CHIEF WARDEN
NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119
PH: 01744-233379

No. CWG/LD/2018/454   Date: 11.09.18

With reference to discussion held in the office of hon'ble Director regarding dress code of Degree recipients on convocation. The code was discussed with stake holders in the hostels at length. Students were strongly of the view that the option be given between white Shirt with black lower (Trouser or salwar) and off white Saree with black blouse.

It is being submitted for your kind consideration and necessary action.

Chief Warden (GH)

Director

Copy to Dean (Acad)
for inclusion in Senate Agenda item

This is to inform the final year that our apparel is to be decided for our convocation. Our Chief Warden, Prof Lillie Diwan presented us with 3 options :

① Formal shirt + Black Pant
② Black salwar + White shirt
③ Off white saree

Kindly sign below and write what your preference will be

Formal shirt - Black pant	Black Salwaas + White Kurti	Off white Saree
Sheetal		Bhagwath
Kurti (31702206)		Harjot
Bharti		Eya — Kavidha
Poonam		Sharif
Nikita		Akshita
Krishna		Arpita Das
Wansi		Gupta
Bhawn		Arushi
		Niketa
		Madhulika
		Preeti Singh
		Priyaka
		Poonam
		Ravina
		Gauya
		Snehaliverma
		Mansi
		T. Vandana Sri
		y

Fwd: Request of change of dress code for 16th Convocation

kssandhu Dean Academic NIT KKR <dean_academic@nitkkr.ac.in>

Thu, Sep 20, 2018 at 12:39 PM

To: academic@nitkkr.ac.in

---------- Forwarded message ---------
From: **Dean Student Welfare** <deansw@nitkkr.ac.in>
Date: Thu, Aug 30, 2018, 7:27 AM
Subject: Fwd: Request of change of dress code for 16th Convocation
To: <dean_academic@nitkkr.ac.in>

---------- Forwarded message ---------
From: "Vaibhav Garg" <vaibhavgarg0102@gmail.com>
Date: 29 Aug 2018 12:36 pm
Subject: Request of change of dress code for 16th Convocation
To: <director@nitkkr.ac.in>
Cc: <presidentnitkaa@gmail.com>, <deansw@nitkkr.ac.in>

Sir,

The batch of 2018 is quite excited for the 16th Convocation and each one of us look forward to attending it. Recently, a circular was released regarding the dress code for the Convocation ceremony on the website of the college. In that circular, the dress code for students was mentioned as white shirt, black pants, stole and black formal shoes.I applaud the decision of the administration to do away with black robes for the ceremony but many of the students are not comfortable in wearing western formal outfit.

Many centrally funded institutes have opted for Indian ethnic attire for the students at their respective convocations thus promoting Indian culture. IIT Bombay, IIT Kharagpur and NIT Trichy are some of the elite colleges who have opted for Indian ethnic attire for their Convocation. If our college could also follow the same, it would promote Indian clothing style and heritage. In this regard, on behalf of the batch of 2014-2018, I request you to reconsider the dress code for the 16th Convocation.

Regards,
Vaibhav Garg
Electrical Engineering (2014-2018)