INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, LUCKNOW
(An Institution of National Importance by Act of Parliament of India)

Minutes of the 7th Meeting of the Senate of IIIT-Lucknow held on 25th July, 2021 from 11:00 p.m. through Google meet.

The members in attendance were as follows:

1.	**Dr. Arun Mohan Sherry** Director, IIIT Lucknow	-	**Chairperson**
2.	**Prof. R.C. Joshi** (Retired Professor IIT Roorkee and Chancellor Graphic Era University Uttarakhand)	-	**Member**
3.	**Prof. R.K. Sharma** Professor, IIT Delhi	-	**Member**
4.	**Prof. N.K. Sharma** Retired Professor, IIT Kanpur	-	**Member**
5.	**Dr. Shiv Shankar Singh** IAS (Retd.), U.P. Government	-	**Member**
6.	**Dr. Nikhil Agarwal** CEO FIRST, IIT Kanpur	-	**Member**
7.	**Dr. Dhananjoy Dey** Dean(Academic) & Dean (Infrastructure, Planning & Resource Management), IIT Lucknow	-	**Member**
8.	**Dr. Vinod Kumar** HoD – Management and Humanities, IIIT Lucknow	-	**Member**
9.	**Dr. Brijesh Chaurasia** HoD – IT, IIIT Lucknow	-	**Member**
10.	**Dr. Soumendu Chakraborty** HoD – CS, IIIT Lucknow	-	**Member**
11.	**Dr. Vishal Krishna Singh** Faculty In-charge Training and Placement, IIIT Lucknow	-	**Invited Member**
12.	**Dr. Niharika Anand** Faculty In-charge PG and Research, IIIT Lucknow	-	**Invited Member**
13.	**Mr. Vivekanand Sinha** Assistant Registrar, IIIT Lucknow	-	**Acting Secretary**

Dr. Indira Mishra Faculty In-charge Examination could not attend the meeting due to her ill health.

The Chairman, Senate welcomed all the members present in the meeting. The Senate was informed about an unfortunate demise of Dr. Deepak Taneja, senate member on 03rd June, 2021. The senate recognizes his valuable contribution as a senate member

in the development of the Institute. Senate members pay their respect to the deceased soul and send their condolences to his family.

Thereafter, the Agenda items were taken as follows:

Sen. Item 7.01: To confirm the minutes of the Sixth Senate Meeting held on 05/12/2020.

The Senate approved the minutes of the 6th meeting as were circulated on 14/01/2021.

Sen. Item 7.02: To review the Action Taken Report on the minutes of the Sixth Meeting of the IIITL Senate held on 05/12/2020.

The Senate took note of the Action Taken Report on the minutes of the 6th meeting of Senate and it was approved.

Sen. Item 7.03: To consider the names of Graduands of Batch 2017-2021 who are due to get their B.Tech. in Information Technology Degrees in the Convocation.

The Senate recommended the students listed therein for the award of B.Tech. in Information Technology degree to the Governing Body as in **Annexure 1.**

Sen. Item 7.04: To consider the names of students of batch 2017-2021 for award of Medals and Merit Certificates by the Institute on the occasion of the Convocation.

The Senate recommended the names of the B.Tech. (IT) students to the Governing Body for the award of Institute medals and merit certificates to be awarded in the forthcoming convocation. The details of Medal and their recipients are as follows:

S.No.	Institute Medal	CGPI	Name	Enrollment No.
1	Gold Medal	9.21	Gaurav Singh	LIT2017031
2	Silver Medal	9.15	Abhinav Kumar Srivastava	LIT2017022
3	Bronze Medal	9.05	Satyam Hans	LIT2017011

Sen. Item 7.05: To apprise the Seat Matrix of PG Diploma, M.Tech. and MBA in Academic Session 2021-22.

The Senate noted and approved the seat matrix for PG Diploma, M.Tech., and MBA Programme for the academic session 2021-22 as follows:

<u>**M.Tech.**</u>

M.Tech. Seat Matrix - through CCMT 2021										
Programme Name	OPEN	OPEN -PwD	EWS	EWS -PwD	SC	SC -PwD	ST	ST -PwD	OBC -NCL	OBC- NCL -PwD	Total
M.Tech.(Computer Science)	11	1	3	0	5	0	2	0	8	0	30

M.Tech. Seat Matrix - through Institute Entrance Examination 2021										
Programme Name	OPEN	OPEN -PwD	EWS	EWS -PwD	SC	SC -PwD	ST	ST -PwD	OBC -NCL	OBC- NCL -PwD	Total
M.Tech.(Computer Science)	11	1	3	0	5	0	2	0	8	0	30

PG Diploma in AI and ML

through Institute Entrance Examination 2021										
Programme Name	OPEN	OPEN- PwD	EWS	EWS- PWD	SC	SC- PwD	ST	ST- PWD	OBC- NCL	OBC- NCL- PwD	Total
PG Diploma in AI & ML	11	1	3	0	5	0	2	0	7	1	30

PG Diploma in Data Science

through Institute Entrance Examination 2021										
Programme Name	OPEN	OPEN- PwD	EWS	EWS- PWD	SC	SC- PwD	ST	ST- PWD	OBC- NCL	OBC- NCL- PwD	Total
PG Diploma in DS	11	1	3	0	5	0	2	0	7	1	30

PG Diploma in IoT

through Institute Entrance Examination 2021										
Programme Name	OPEN	OPEN- PwD	EWS	EWS- PWD	SC	SC- PwD	ST	ST- PWD	OBC- NCL	OBC- NCL- PwD	Total
PG Diploma in IoT	11	1	3	0	5	0	2	0	7	1	30

PG Diploma in Software Development

through Institute Entrance Examination 2021										
Programme Name	OPEN	OPEN-PwD	EWS	EWS-PWD	SC	SC-PwD	ST	ST-PWD	OBC-NCL	OBC-NCL-PwD	Total
PG Diploma in IoT	11	1	3	0	5	0	2	0	7	1	30

MBA

through Institute Entrance Examination 2021										
Programme Name	OPEN	OPEN-PwD	EWS	EWS-PWD	SC	SC-PwD	ST	ST-PWD	OBC-NCL	OBC-NCL-PwD	Total
MBA	38	2	9	1	14	1	8	0	26	1	100

PG Diploma in Business Management

through Institute Entrance Examination 2021										
Programme Name	OPEN	OPEN-PwD	EWS	EWS-PWD	SC	SC-PwD	ST	ST-PWD	OBC-NCL	OBC-NCL-PwD	Total
PG Diploma in Business Management	11	1	3	0	5	0	2	0	7	1	30

PG Diploma in Digital Marketing

through Institute Entrance Examination 2021										
Programme Name	OPEN	OPEN-PwD	EWS	EWS-PWD	SC	SC-PwD	ST	ST-PWD	OBC-NCL	OBC-NCL-PwD	Total
PG Diploma in Digital Marketing	11	1	3	0	5	0	2	0	7	1	30

Sen. Item 7.06: To consider and approve the Seat Matrix of B.Tech. for Academic Session 2021-22.

The Senate discussed and approved the starting of a new branch of B.Tech. (Computer Science and Business) with an intake of 60 seats. It was informed to the senate that the intake of all the offered branches of B.Tech. from current year was 60 comprising the total intake of B.Tech. programme will be 240. The seat matrix of B.Tech. for Academic Session 2021-22 as below. The signed sheet is attached as *Annexure 2.*

											Total	Program me Total
Programme Name	Seat Pool	OPEN	OPEN-PwD	EWS	EWS-PwD	SC	SC-PwD	ST	ST-PwD	OBC-NCL	OBC-NCL-PwD	(includes Female Supernumerary)	Seat Capacity
B.Tech(IT)	Gender-Neutral	18	1	5	0	7	0	4	0	12	1	48	60
B.Tech(IT)	Female-only (including Supernumerary)	4	1	1	0	2	0	1	0	3	0	12	60
B.Tech(CS)	Gender-Neutral	18	1	5	0	7	0	4	0	12	1	48	60
B.Tech(CS)	Female-only (including Supernumerary)	5	0	0	1	2	0	1	0	3	0	12	60
B.Tech (CS&AI)	Gender-Neutral	18	1	5	0	7	0	4	0	12	1	48	60
B.Tech (CS&AI)	Female-only (including Supernumerary)	5	0	1	0	1	1	1	0	3	0	12	60
B.Tech (CS&B)	Gender-Neutral	18	1	5	0	7	0	4	0	12	1	48	60
B.Tech (CS&B)	Female-only (including Supernumerary)	5	0	1	0	2	0	1	0	2	1	12	60
Total		91	5	23	1	35	1	20	0	59	5	240	240

The Senate approved the seat matrix as proposed.

Sen. Item 7.07: To report the Seat Matrix of Ph.D. and students admitted in January 2021.

The Senate noted the same. The status of admitted students against offered seat is as follows:

	EWS	EWS-PWD	OPEN	OPEN-PwD	SC	SC-PwD	ST	ST-PWD	OBC-NCL	OBC-NCL-PwD	Total
Seat Matrix	1	0	4	0	1	0	1	0	2	0	9
Admitted Students	0	0	2	0	0	0	0	0	1	0	3

Sen. Item 7.08: To report the Ph.D. students admitted in IIIT Lucknow and their supervisor.

S. No	Name	Enroll No.	Month and Year of Registration	Category	Department	Supervisor(s)
1	Gaurav Tripathi	RCS1001	Aug.2019	Full Time	CS	Dr. V. K. Singh & Dr. Brijesh Kumar Chaurasia
2	Sakshi Verma	RCS201001	Jan.2020	Self Financed Full Time (UGC-Net qualified)	CS	Dr. V. K. Singh
3	Khushbu Doulani	RCS201002	Jan.2020	Self Financed Full Time	CS	Dr. Niharika Anand
4	Pulkit Dwivedi	RCS201003	Jan.2020	Self Financed Full Time	CS	Dr. Soumendu Chakraborty
5	Alok Gupta	RWC201001	Jan.2020	Working Professional	CS	Dr. Arun Mohan Sherry
6	Divya	RWC201003	Jan.2020	Working Professional	CS	Dr. Niharika Anand
7	Sandeep Srivastava	RWC201002	Jan.2020	Working Professional	CS	Dr. Brijesh Kumar Chaurasia
8	Jai Daga	RWC202001	Nov.2020	Working Professional	CS	Dr. Vinod Kumar
9	Prashant Vaish	RWC202002	Nov.2020	Working Professional	CS	Dr. Niharika Anand
10	Vivek Kumar Srivastava	RWC202003	Nov.2020	Working Professional	CS	Dr. Neelu
11	Utpal Pandey	RWC202004	Nov.2020	Working Professional	CS	Dr. Brijesh Kumar Chaurasia
12	Vishal Maurya	RWC202005	Nov.2020	Working Professional	CS	Dr. Soumendu Chakraborty
13	Madhuri Mishra	RCS202001	Nov.2020	Self Financed Full Time	CS	Dr. Niharika Anand
14	Ashish Shukla	RWM21101	Jan. 2021	Working Professional	Mathematics	Dr. Dhananjoy Dey
15	Manjeet Kaur	RMM21101	Jan. 2021	Self Financed Full Time (UGC-Net qualified)	Mathematics	Dr. Dhananjoy Dey
16	Sushmita Singh	RMH21101	Jan. 2021	Self Financed Full Time	M&H	Dr. Neelu & Dr. Bindu

The Senate noted as above.

Sen. Item 7.09: To consider the request of Co-Guide for Ms. Manjeet Kaur (RMM21101).

The Senate considered the request of Dr. Dhananjoy Dey and approved Dr. Manoj Kumar from Defence R&D Organization, Delhi as a Co-Guide of Ms. Manjeet Kaur.

Sen. Item 7.10: To be apprised about the visiting faculty members in academic session January – June 2021.

The Senate noted the following visiting faculty are engaged to teach the courses in the Academic Session (January – June 2021).

S.No.	Faculty Name	Course	Semester
1.	Dr. Deepak Kumar Singh	Data Visualization with R	M.Tech.(CS) 2nd & 4th sem
		Capstone Project	M.Tech.(CS) 2nd Sem
2.	Mr. Amit Kushwaha	Big Data Analytics	M.Tech.(CS) 2nd Sem
3.	Dr. Prosenjit Gupta	Reinforcement Learning	M.Tech.(CS) 2nd & 4th sem
4.	Dr. Srinivas Padmanabhuni	Natural Language Processing	M.Tech.(CS) 2nd sem
5.	Prof. S.Chandramouleeswaran	AI for IOT	M.Tech.(CS) 2nd sem
6.	Dr. Sushil Kumar Tiwari	Database Management System	B.Tech.(IT) & B.Tech. (CS) 4th sem
7.	Dr. Mainak Adhikari	Operating System	B.Tech.(IT) & B.Tech.(CS) 4th sem
		Cloud Computing	B.Tech.(IT) 4th Sem
8.	Mr. Sandeep Srivastava	Advanced Computer Architecture	B.Tech.(CS) 4th Sem
9.	Mr. Saurabh Srivastava	Object Oriented Methodology	B.Tech.(IT), B.Tech.(CS), B.Tech.(CS&AI) 1st sem

Dr. Mohd Sadiq was taking the classes of Compiler Design for B.Tech.(IT) 6th sem and Ms Suyash Sangwan was taking the classes of Artificial Intelligence for M.Tech.(CS) 2nd sem as an Honorary Faculty.

Sen. Item 7.11: To ratify the change in credits of B.Tech.(IT) 7th and 8th semester for Batch 2017 and 2018 and inclusion of elective course in the pool of electives from January 2021.

After deliberation, Senate ratified the following changes in 7th and 8th semester course.

a) The total credits of B.Tech.(IT) 7th semester were reduced from 24 to 22 and in 8th semester credits were increased from 16 to 18 for batch 2017 & 2018, with no changes in the total credits of the programme and remain 183.

b) Inclusion of subject Digital Product Development and Innovation of 3 credits in the pool of electives from January 2021. The syllabus for the same is attached as *Annexure 3.*

Sen. Item 7.12: **To ratify the change in offered course in B.Tech. (IT) 7th sem in academic session July – December 2021, inclusion of more elective courses in the pool of electives, and a course of 4 credits to Ph.D. students.**

A. After deliberation, Senate ratified the following changes in 7th semester course

1. Convex Optimization to be replaced with Design Thinking of 3 credits

2. Inclusion of new elective courses of 4 credits in the pool of electives from 2019 batch onwards.

   a) Quantum Computing
   b) Cyber Security
   c) Computer Music
   d) Game Development
   e) Algo Trading

3. Members approved the proposed syllabus of Quantum Computing, and Cyber Security, attached as ***Annexure 4.***

B. After due deliberation, the senate accepted the proposal that elective courses will not be offered if the total number of students opting the subject is less than 25. If the total number of students opting the subject is more than 75% of the batch size (maximum batch size of elective course is 75 students), then the department will allocate the additional students to some other suitable elective(s).

C. Senate accepted a proposal to introduce a course "Research Methodology, Technical Writing and Research Ethics" of 4 credits for all Ph.D. scholars.

Sen. Item 7.13: **To ratify the changes in the courses of Post Graduate Diploma in Artificial Intelligence and Machine Learning (PGDAIML) and Post Graduate Diploma in Data Science (PGDDS).**

The senate ratified that the 1st and 2nd semester subjects for Post Graduate Diploma in Artificial Intelligence and Machine Learning (PGDAIML) and Post Graduate Diploma in Data Science (PGDDS) will be same as in M.Tech.(CS) specialization in Artificial Intelligence and Machine Learning, and M.Tech.(CS) specialization in Data Science respectively excluding the Competitive Coding for above PG Diploma programmes. The changes were applicable from batch 2020 onwards.

While deliberating on the issue, the Senate suggested to explore the options for the students of PG Diploma who wish to continue their studies for M.Tech.(CS) programme

Sen. Item 7.14: To consider and approve the Ph.D. ordinance of the Institute.

After deliberating upon the proposal received from Faculty Incharge PG and Research, the senate suggested that a committee having prominent qualified members should be formed to prepare an institute ordinance after taking account of provision of IIIT Act.

Sen. Item 7.15: To decide the remuneration of External Expert called for M.Tech. Thesis Viva.

The Senate suggested that this item is not relevant for the Senate and it may be placed before the appropriate body.

Sen. Item 7.16: To ratify the decision regarding the academic curriculum for M.Tech. 4ᵗʰ semester of 2019-21 batch

The senate ratified the following changes in the academic curriculum for M.Tech. 4ᵗʰ semester of 2019-21 batch as follows:

a) Subject, Data Engineering was replaced with Data Visualization with R
b) The credit for the Thesis in the fourth semester was increased from 8 to 10 credits.

Sen. Item 7.17: To apprise about the eligibility criteria and application fee for MBA and all PG Diploma programmes, and subject evaluation component of MBA/PGDBM/PGDDM.

The senate noted the eligibility criteria of MBA, all PG Diploma programmes and subject evaluation component of MBA/PGDBM/PGDDM as proposed *Annexure 5*. The senate suggested that the all types of fee related information will be placed before/taken up with the appropriate body of the Institute.

Sen. Item 7.18: To apprise about the starting of the Incubation centre at IIIT Lucknow.

The senate noted the same.

Sen. Item 7.19: To ratify the Academic Calendar for January to June 2021 and July to December 2021 of offered programmes at IIIT Lucknow.

The Senate ratified the academic calendar of January to June 2021 and July – December 2021 as presented in *Annexure 6.*

Sen. Item 7.20: To ratify the online classes and examination for academic session January – December 2021.

The Senate ratified the online academic activities for Spring Semester (January-June) 2021. The members suggested that the standards of education should be maintained with online classes, along with prescribed evaluation of student's performance. It was also desired that due care should be taken for keeping record of student's attendance.

Sen. Item 7.21: To consider and approve Faculty positions in view of increased intake of the students.

The Senate recommended the academic requirement to the Governing Body of the Institute.

Sen. Item 7.22: To apprise about the 2nd Rolling Advertisement regarding the faculty recruitment.

The senate noted the same

Sen. Item 7.23: Any other Item with the permission of the Chair.

There was no other item to be discussed. The meeting ended with thanks to chair.

Approved

Sd/-
(Dr. Arun Mohan Sherry)
Director and Chairman Senate