

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, LUCKNOW

(An Institution of National Importance by Act of Parliament of India)

Minutes of the 8th Meeting of the Senate of IIIT-Lucknow held on 20th April, 2022 from 04:00 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.R.K. Sharma
Professor, IIT Kanpur | - | Member |
| 4. Prof. N.K. Sharma¹
Retired Professor, IIT Kanpur | - | Member |
| 5. Dr. Dhananjoy Dey
Dean(Academic) & Dean (Infrastructure, Planning
& Resource Management), IIIT Lucknow | - | Member |
| 6. Dr. Vinod Kumar²
HoD – Management, IIIT Lucknow | - | Member |
| 7. Dr. Deepshikha Agrawal
HoD – IT, IIIT Lucknow | - | Member |
| 8. Dr. Indira Mishra
HoD – Maths, IIIT Lucknow | - | Member |
| 9. Dr. Mainak Adhikari
HoD – CS, IIIT Lucknow | - | Member |
| 10. Dr. Soumendu Chakraborty
Faculty In-charge Exam | - | Invited Member |
| 11. Dr. Vishal Krishna Singh
Faculty In-charge Placement, IIIT Lucknow | - | Invited Member |
| 12. Dr. Niharika Anand
Faculty In-charge Research, IIIT Lucknow | - | Invited Member |
| 13. Dr. Muskaan Singh
Faculty In-charge PG Programme (CS), IIIT Lucknow | - | Invited Member |
| 14. Mr. Vivekanand Sinha
Assistant Registrar, IIIT Lucknow | - | Acting Secretary |

¹ The discussion of Agenda Item No. 8.12 was concluded in the absence of Prof. N K Sharma.

² Dr. Niraj Kumar Vishvakarma could not attend the meeting as he was on leave due to medical reason. Charge of HoD (M&H) is with Dr. Vinod Kumar.

The Chairman, Senate welcomed all the members present in the meeting.

Thereafter, the Agenda items were taken as follows:

Sen. Item 8.01: To confirm the minutes of the Seventh Senate Meeting held on 25/07/2021.

The minutes of the 7th Meeting of the Senate held on 25/07/2021 were circulated to the members on 10/08/2021. It was observed that in the 7th senate meeting, while discussing the Agenda Item No. 7.22, the changes in the 'Other Essential Requirements' and 'Additional Desirable Requirements' for the department of Management & Humanities i.e. *"The publication requirements under 'Other Essential Requirements' and 'Additional Desirable Requirements' may be read as "SCI or equivalent in ABDC ranking"*, was approved by the Senate but could not be minuted separately.

After confirmation were received from the members, the same was incorporated in the minutes of the 7th Senate meeting placed as **Annexure 1 [Page No. 15-39]**.

The minutes of the Agenda Item No. 7.22 now be read as

Before: The senate noted the same.

After modifications: The Senate noted the rolling advertisement along with the changes for the candidates applying in Management and Humanities, the publication requirements under 'Other Essential Requirements' and 'Additional Desirable Requirements' may be read as "SCI or equivalent in ABDC ranking" for the candidates applying in "Management and Humanities".

Sen. Item 8.02: To review the Action Taken Report (ATR) based on the decision taken on the minutes of the Seventh Meeting of the IIITL Senate held on 25/07/2021.

The Senate took note of the Action Taken Report on the minutes of the 7th meeting of Senate and it was approved.

Sen. Item 8.03: To consider and approve names of the students of Batch 2019-2021 who are due to get their Degrees in M.Tech. in Computer Science in the forthcoming Convocation.

The Senate recommended the students listed therein for the award of M.Tech. in Computer Science degree to the Board of Governors as in **Annexure 2 [Page No. 40]**.

Sen. Item 8.04: To consider and approve the names from the students of M.Tech. in Computer Science, batch 2019-2021, for the award of Medals and Merit Certificates by the Institute on the occasion of the Convocation.

The Senate recommended the names of the M.Tech.(CS) students to the Board of Governors for the award of Institute medals and merit certificates to be awarded in the convocation. The details of Medals and their recipients are as follows:

S.No.	Institute Medal	CGPI	Name	Enrollment No.
1	Gold Medal	8.63	Sankalp Sharma	MCS2019009
2	Silver Medal	No students are eligible for silver and bronze medal as CGPI of remaining batch students are less than 8.5		
3	Bronze Medal			

Sen. Item 8.05: To consider and approve the name of students of Batch 2020-2021 who are due to get their Post Graduate Diploma in Artificial Intelligence and Machine Learning, and Post Graduate Diploma in Data Science in the Convocation.

The Senate recommended the students of batch 2020 for the award of Post Graduate Diploma in Artificial Intelligence and Machine Learning, and Post Graduate Diploma in Data Science, to the Board of Governors as below.

List of students for the award of Post Graduate Diploma in Artificial Intelligence & Machine Learning

S.No.	Enrollment No	Name	CGPI
1	PAI2001	Muthukumar Jegadeesam	7.30
2	PAI2004	Soham Roy	7.68

List of students for the award of Post Graduate Diploma in Data Science

S.No.	Enrollment No	Name	CGPI
1	PDS2002	Gaurav Srivastava	8.40
2	PDS2004	Praveen Singh	8.03

Sen. Item 8.06: Implementation of National Education Policy for B.Tech., M.Tech., and P.G. Diploma programmes from 2021 batch onwards and M.B.A. from 2020 batch onwards.

After due deliberation senate considered the proposal received from Dean(Academic) and approved the implementation of National Education Policy for B.Tech., M.Tech., and P.G. Diploma in Artificial Intelligence & Machine Learning, and P.G. Diploma in Data Science programmes from 2021 batch onwards and M.B.A., and P.G. Diploma in Business Management programmes from 2020 batch onwards as in **Annexure 3 [Page No. 41-44]**.

Sen. Item 8.07: To consider and ratify the new course structure of B.Tech. and M.Tech. programmes for 2021 batch onwards.

While B.Tech. course structure was presented, it was observed by HoD(M&H) that, 'Economic & Financial Analysis' was missing from the pool of electives and the same to be included. HoD(Maths) pointed out that one more reference has to be added in the course 'Numerical Linear Algebra'. Further, it was also suggested to modify the Course Code of the subjects, which will be reflected to the LTP (Lecture/Tutorial/Practical) course structure.

After due deliberations, senate ratified the course structure for B.Tech. and M.Tech. programme. The new course structure will be applicable from 2021 batch onwards. The senate authorized Dean(Academic) to approve the modification in the course structure for all offered programmes and report it to the next senate meeting. After suggested changes the modified course structure for B.Tech. and M.Tech. is placed at **Annexure 4 [Page No. 45-148]**.

Sen. Item 8.08: To consider and approve the Academic Handbook for M.B.A. & P.G. Diploma in Business Management programme.

While Academic Handbook of M&H department was presented, the members reviewed the academic handbook, on discussion, the chairman and members of senate suggested to include all relevant approvals taken separately for smooth functioning of the department.

The acting secretary senate informed to the members that Back Paper Fee approved in the 1st FC was Rs. 1000/-. Members suggested that the back paper fees for the institute should be uniform. Accordingly, the back paper fees of the M&H department should in line with the approved fees.

After due deliberation the Senate approved the academic handbook with the suggested changes. The modified Academic Handbook for MBA & PG Diploma in Business Management programme is attached as **Annexure 5 [Page No. 149-176]**.

Sen. Item 8.09: To consider and approve the Ph.D. rules of the Institute.

The senate approved the Ph.D. rules
For old batches, admitted before January 2022, are placed at **Annexure 6 [Page No. 176-194]**.

The rules applicable to new batches admitted after January 2022 onwards are placed at **Annexure 7 [Page No. 195-216]**.

Sen. Item 8.10 To report the change of Faculty supervisor of Ms. Khushbu Douhani (RCS201002) and Mr. Vivek Srivastava (RWC202003).

The Senate ratified the change of Faculty Supervisor of
1) Ms. Khushbu Douhani from Dr. Niharika Anand to Dr. Mainak Adhikari and
2) Mr. Vivek Srivastava from Dr. Neelu to Dr. Muskaan Singh.

Sen. Item 8.11: To report the change of admission category of two PhD students from Self Financed Full Time to Working Professional.

The Senate ratified the change of admission category from Self Financed Full Time to Working Professional as below
Ms. Sakshi Verma RCS201001 w.e.f. 12/10/2021
Mr. Pulkit Dwivedi RCS201003 w.e.f. 17/03/2022

Sen. Item 8.12 To consider the appointment of Adjunct Faculty on the recommendation of the committee headed by the Director.

The Dean(Academic) presented the recommended name and profile of the Adjunct Faculty/Professor to the Senate.

The Senate approved the name of the following Adjunct Faculty:

S.No.	Name	Post
1.	Dr. Kumar Krishen	Adjunct Professor
2.	Dr. Rohit Gupta	Adjunct Faculty
3.	Dr. Deepak Puthal	Adjunct Faculty
4.	Prof. M. Gopal	Adjunct Professor
5.	Prof. N.K. Sharma	Adjunct Professor

Sen. Item 8.13: To consider and approve the Seat Matrix of B.Tech., M.Tech., M.B.A. and P.G. Diploma programmes for Academic Session 2022-23 onwards.

B.Tech.

B.Tech Seat Matrix admission through CSAB 2022 onwards													
Programme Name	Seat Pool	OPEN	OPEN-PwD	EWS	EWS-PwD	SC	SC-PwD	ST	ST-PwD	OBC-NCL	OBC-NCL-PwD	Total	Programme Total
												(includes Female Supernumerary)	Seat Capacity
B.Tech(IT)	Gender-Neutral	18	1	5	0	7	0	4	0	12	1	48	60
	Female-only (including Supernumerary)	4	1	1	0	2	0	1	0	3	0	12	
B.Tech(CS)	Gender-Neutral	18	1	5	0	7	0	4	0	12	1	48	60
	Female-only (including Supernumerary)	5	0	0	1	2	0	1	0	3	0	12	
B.Tech (CS&AI)	Gender-Neutral	18	1	5	0	7	0	4	0	12	1	48	60
	Female-only (including Supernumerary)	5	0	1	0	1	1	1	0	3	0	12	
B.Tech (CS&B)	Gender-Neutral	18	1	5	0	7	0	4	0	12	1	48	60
	Female-only (including Supernumerary)	5	0	1	0	2	0	1	0	2	1	12	
Total		91	5	23	1	35	1	20	0	59	5	240	240

M.Tech.

M.Tech Seat Matrix - through CCMT 2022 onwards												
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 2022 onwards												
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	

MBA

through Institute Entrance Examination 2022 onwards											
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 2022 onwards											
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	8	0	30

PG Diploma in AI and ML

through Institute Entrance Examination 2022 onwards											
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	8	0	30

PG Diploma in Data Science

through Institute Entrance Examination 2022 onwards											
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	8	0	30

The Senate noted and approved the seat matrix as proposed for academic year 2022-23 and onwards.

Sen. Item 8.14 To report the Seat Matrix of Ph.D. students and students admitted against this matrix in academic sessions July-December 2021 and January-June 2022.

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

July – December 2021

	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	3	0	10
Admitted Students	0	0	4	0	0	0	0	0	0	0	4

January – June 2022

	EWS	EWS-PWD	OPEN	OPEN-PwD	SC	SC-PwD	ST	ST-PWD	OBC-NCL	OBC-NCL-PwD	Total
Seat Matrix	2	0	8	0	3	0	2	0	5	0	20
Admitted Students	0	0	8	0	1	0	0	0	0	0	9

Sen. Item 8.15 To report the enrolled Ph.D. students for the academic sessions July-December 2021 and January-June 2022 in IIIT Lucknow along with their supervisors.

S. No	Name	Enroll No.	Month and Year of Registration	Category	Department	Supervisor(s)
1.	Manpreet Rajpal	RMH21201	Oct. 2021	Self Financed Full Time (UGC-Net qualified)	M&H	Dr. Bindu Singh and Dr. Neelu
2.	Angel Meera	RMM21201	Oct. 2021	Self Financed Full Time	Mathematics	Dr. Mary Samuel
3.	Shashwat Shukla	RWC21201	Oct. 2021	Working Professional	CS	Dr. Rahul Kumar Verma
4.	Tushar Singh	RWC21202	Oct. 2021	Working Professional	CS	Dr. A.M.Sherry and Dr. Niraj Kumar Vishvakarma
5.	Sakshi Gupta	RMH22101	Feb 2022	Self Financed Full Time	M&H	Dr. Varun Sharma
6.	Shefali Srivastava	RMH22102	Feb 2022	Self Financed Full Time	M&H	Dr. Bindu Singh
7.	Vibhav Singh	RMH22103	Feb 2022	Self Financed Full Time	M&H	Dr. Vinod Kumar
8.	Mahendra Pal Singh	RWM22101	Feb 2022	Working Professional	Withdrawn his admission on March 20, 2022	

9.	Prashant Singh	RWC22101	Feb 2022	Working Professional	CS	Dr. Arun Mohan Sherry
10.	Abhishek Faujdar	RWC22102	Feb 2022	Working Professional	CS	Dr. Deepshikha Agarwal
11.	Abha Sweta	RCS22101	Feb 2022	Self Financed Full Time	CS	Dr. Abhinesh Kaushik
12.	Neha Singh	RCS22102	Feb 2022	Self Financed Full Time	CS	Dr. Mainak Adhikari
13.	Jomin K. J.	RMM22101	Feb 2022	Self Financed Full Time	Mathematics	Dr. Mary Samuel

The Senate noted as above.

Sen. Item 8.16: To apprise the modifications to be made in the M.Tech. thesis project evaluation.

The Senate approved the changes as presented.

As approved in the 6th meeting:

“The oral examination committee will evaluate the thesis, conduct the oral examination and send a report of the examination to the Director, through the HoD”.

After Modification:

“The approval of the final thesis evaluation report for M.Tech.(CS) will be done by the HoD(CS)”.

Sen. Item 8.17: To apprise about the visiting faculty members for B.Tech., M.Tech., and P.G. Diploma in academic session July 2021 – June 2022 and for M.B.A. batch 2020 & 2021.

The senate noted the following Visiting Faculty were engaged to teach the courses in the Academic Session (July 2021– June 2022) and for M.B.A. batch 2020 & 2021.

Academic Session July – December 2021

S.No.	Faculty Name	Course	Semester
1.	Dr. Amit Kumar Kushwaha	Big Data Analytics BDA730C	B.Tech(IT) 7 th sem
2.	Dr. Deepak Kumar Singh	Computer Graphics CGR531C	B.Tech(IT) & B.Tech(CS) 5 th sem
		Data Visualization with R	M.Tech.(CS) 2 nd sem
3.	Mr. Bibek Singh	Software Management SMA331C	B.Tech(IT) 3 rd sem
4.	Mr. Sandeep Srivastava	Computer Organization COR340C	B.Tech(CS) 3 rd sem
5.	Dr. Vinaya Sathyanarayana	Intellectual Property Rights IPR310C	M.Tech(CS) 3 rd sem

6.	Dr. Prosenjit Gupta	Advanced Computer Algorithms ACA131C	M.Tech(CS) 1 st sem
7.	Prof. S.Chandramouleeswaran	Python Programming PPR131C	M.Tech(CS) 1 st sem
8.	Dr. Srinivas Padmanabhuni	Machine Learning MLE140C	M.Tech(CS) 1 st sem
9.	Mr. Anuj Sharma	Sports III SPO301C	B.Tech(IT), B.Tech(CS), B.Tech(CS&AI) 3 rd sem
Academic Session July – December 2021 changed to December 2021 – March 2022			
1.	Mr. Prashant Singh	Web Design & Application Development WDA122C	B.Tech(IT), B.Tech(CS), B.Tech(CS&AI) & B.Tech(CS&B) 1st sem
2.	Mr. Bibek Singh	System Programming & Scripting SPS131C (subject shared with Dr. Amit Kumar Das)	B.Tech(IT), B.Tech(CS), B.Tech(CS&AI) & B.Tech(CS&B) 1st sem
3.	Dr. Amit Kumar Das	System Programming & Scripting SPS131C (subject shared with Mr. Bibek Singh)	B.Tech(IT), B.Tech(CS), B.Tech(CS&AI) & B.Tech(CS&B) 1st sem
4.	Mr. Anuj Sharma	Sports-I SPO1001C	B.Tech(IT), B.Tech(CS), B.Tech(CS&AI) & B.Tech(CS&B) 1 st sem

Dr. Mohd Sadiq was taking the classes of Compiler Design for B.Tech.(CS) 5th sem (Academic Session Jul.-Dec. 2021) as an Honorary Faculty.

Academic Session January – June 2022

S.No.	Faculty Name	Course	Semester
1.	Dr. Rudra Murthy	Natural Language Processing NLP240C	M.Tech(CS) & PG Diploma AIML 2nd sem
2.	Dr. Diptesh Kanojia	Natural Language Processing NLP240C	M.Tech(CS) & PG Diploma AIML 2nd sem
3.	Dr. Prosenjit Gupta	Reinforcement Learning RLE231C	M.Tech(CS) & PG Diploma AIML 2nd sem
4.	Dr. Kanishka Tyagi	Big Data Analytics BDA431C, BDA231C	B.Tech(IT) 4th sem, M.Tech(CS) & PG Diploma in Data Science 2nd sem

MBA Term-I, II, III and IV for batch 2020

S.No.	Faculty Name	Course	Semester
1.	Dr. Ranjan Kumar	Business Environment BEN140C	Term I
2.	Dr. Arvind Chaturvedi	Business Decision Making BDM140C	Term I
3.	Dr. Ranjan Kumar	Project Management PMN240C	Term II
4.	Mr. Pankaj Vajpayee	Managerial Finance MFI240C	Term II
5.	Dr. Sheshadri Chatterjee	Digital Transformations DTR240C	Term II

6.	Dr. Suchi Aggarwal	Innovations and Design Thinking IDT340C	Term III
7.	Dr. Vinaya S.	Digital Business Strategy DBS340C	Term III
8.	Dr. Vinaya S.	Digital Disruptions in Banks and Financial Institutions DDB440C	Term IV

MBA Term- II for batch 2021

S.No.	Faculty Name	Course	Semester
1.	Mr. Raghu Nandan Chawla	Project Management PMN240C	Term II

Sen. Item 8.18: To ratify the changes in the courses offered in the academic session July – December 2021.

The Senate ratified the changes in the offered courses as below:

1. Internet of Things (IOT531E) offered as an elective course in B.Tech.(IT) 5th semester.
2. Software Engineering (SEN531C) offered in B.Tech.(IT) 5th semester for batch 2019 and 2020 in place of 3rd semester.
3. Software Management (SOM331C) offered in B.Tech.(IT) 3rd semester in place of 5th semester for batch 2020.
4. Competitive Coding offered to B.Tech. 5th semester (batch 2019) students in lieu of 4th semester.
5. Competitive Coding offered to M.Tech. 3rd semester (batch 2020) students in lieu of 2nd semester.
6. AI for IoT(AIO730C) replaces Soft Computing(SCO730E) as a core, and Soft Computing(SCO730E) as an elective subject offered to B.Tech.(IT) 7th semester (batch 2018).

HoD(M&H) in consultation with HoD(IT) & HoD(CS) introduces the courses as below:

1. E-Business and Digital Economy (EDE540E) offered as elective course in B.Tech.(IT) & B.Tech.(CS) 5th semester.
2. Economics and Financial Analysis (EFA720C) in B.Tech.(IT) 7th sem batch 2018.
3. E-Business Strategy(EBS340C) offered as a core course in M.Tech. (CS) 3rd Semester.

Sen. Item 8.19: To ratify the changes in the syllabus of Technical Writing (2 credits) for B.Tech., 6th semester, only for 2019 & 2020 batch and presenting the syllabus of E-Business Strategy (4 credits) for M.Tech. 3rd semester.

The senate ratified the syllabus of (i) Technical Writing (TWR620C) and (ii) E-Business Strategy (EBS340C). The modified course syllabus is placed at ***Annexure 8 [Page No. 217-220]***.

Sen. Item 8.20: Inclusion of new elective courses in the pool of electives from academic session January 2022.

The senate ratified the inclusion of elective courses in the pool of electives as below:

- 1. Numerical Linear Algebra**
- 2. Business Analytics**

Sen. Item 8.21: To ratify the Academic Calendar for January to June 2022 of all programmes and for academic session July to December 2021 for 1st semester of M.Tech., P.G. Diploma and B.Tech. at IIT Lucknow.

The Senate ratified the academic calendar as attached in ***Annexure 9 [Page No. 221-225]***.

Sen. Item 8.22: To apprise the joining of New Faculty members.

The senate noted the joining of new faculties.

Sen. Item 8.23: To report the nominations of Prof. R.C. Joshi & Prof. N.K. Sharma, and inclusion of Prof. R.R.K. Sharma (IIT Kanpur) u/s 18(1)(e) of the IIIT (PPP) Act 2017 as a senate member and inclusion of Prof. R. K. Sharma (IIT Delhi) u/s14(2)(d) of IIIT (PPP) Act 2017 as a BoG member.

The senate noted the same.

Sen. Item 8.24: To report the formation of new BoG.

The senate noted the formation of BoG as below.

1.	Shri K. Sanjay Murthy, IAS, Secretary (HE), Ministry of Education, Govt. of India.	Chairperson
2.	Shri Rakesh Ranjan, IAS, Additional Secretary (TE), Ministry of Education, Govt. of India	Member
3.	Shri Sunil Kumar Chaudhary, Special Secretary, Technical Education, U.P. Govt.	Member
4.	Dr. Ujjawal Kumar, IAS, M.D., U.P. Electronics Corporation Ltd.	Member
5.	Prof. Abhay Karandikar, Director, IIT Kanpur	Member
6.	Dr. Arun Mohan Sherry, Director, IIIT Lucknow	Member
7.	Prof. R K Sharma, ConsenSys Blockchain Chair Professor, IIT Delhi	Member
8.	Prof. U C Gupta, Prof. & Former Head, Department of Mathematics, IIT Kharagpur	Member
9.	Dr. Rajul Ranjan Choudhury, Scientific Officer (G), Bhabha Atomic Research Centre, Trombay, Mumbai	Member
10.	Dr. Amarendra Sahoo, Former Chairman, Atom Technologies India Limited, Mumbai	Member
11.	Dr. Ravi Kumar, Associate Professor, M.M.P.G. College, Modinagar-U.P.	Member
12.	Mrs. Rachna Mathur (Social Worker), Lucknow	Member
13.	Dr. Dhananjoy Dey, Assoc. Professor, IIIT Lucknow	Member
14.	Dr. Vinod Kumar, Asst. Professor, IIIT Lucknow	Member

Sen. Item 8.25: To approve the nomination of two faculties of the Institute from senate to the BoG IIITL u/s 14 (2) g.

The senate confirmed the nomination of the following faculty of the Institute to the BoG.

1. Dr. Dhananjoy Dey, Associate Professor
2. Dr. Vinod Kumar, Assistant Professor

Sen. Item 8.26: To nominate three professionals as a members of Senate u/s 18(1)(f) of IIIT PPP Act 2017 by the Senate of the Institute.

The Senate nominated the following persons as members of the Academic Senate u/s Section 18 (1)(f) of the IIIT (PPP) Act: -

1. Dr. Nikhil Agarwal CEO FIRST, IIT Kanpur
2. Dr. Shiv Shankar Singh IAS (Retd.), U.P. Government
3. Mr. Rajeev Kumar, Vice President, HR L&T Infotech Limited, Powai Mumbai.

Sen. Item 8.27: Any other Item with the permission of the Chair.

With the permission of the chairman senate the following Agenda item was taken:

8.27(a): The evaluations of the subjects offered in online mode can be conducted in online mode.

The senate approved the same.

The meeting ended with thanks to chair.

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:

- | | | |
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| 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), IIIT 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 noted the rolling advertisement along with the changes for the candidates applying in Management and Humanities, the publication requirements under 'Other Essential Requirements' and 'Additional Desirable Requirements' may be read as "SCI or equivalent in ABDC ranking" for the candidates applying in "Management and Humanities".

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:

M.Tech.

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.**

B.Tech Seat Matrix admission through CSAB 2021													
Programme Name	Seat Pool	OPEN	OPEN-PwD	EWS	EWS-PwD	SC	SC-PwD	ST	ST-PwD	OBC-NCL	OBC-NCL-PwD	Total	Programme Total
												(includes Female Supernumerary)	Seat Capacity
B.Tech(IT)	Gender-Neutral	18	1	5	0	7	0	4	0	12	1	48	60
	Female-only (including Supernumerary)	4	1	1	0	2	0	1	0	3	0	12	
B.Tech(CS)	Gender-Neutral	18	1	5	0	7	0	4	0	12	1	48	60
	Female-only (including Supernumerary)	5	0	0	1	2	0	1	0	3	0	12	
B.Tech (CS&AI)	Gender-Neutral	18	1	5	0	7	0	4	0	12	1	48	60
	Female-only (including Supernumerary)	5	0	1	0	1	1	1	0	3	0	12	
B.Tech (CS&B)	Gender-Neutral	18	1	5	0	7	0	4	0	12	1	48	60
	Female-only (including Supernumerary)	5	0	1	0	2	0	1	0	2	1	12	
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 IIT 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 Douhani	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. Dhananjay Dey
15	Manjeet Kaur	RMM21101	Jan. 2021	Self Financed Full Time (UGC-Net qualified)	Mathematics	Dr. Dhananjay 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. Dhananjay 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) 2 nd & 4 th sem
		Capstone Project	M.Tech.(CS) 2 nd Sem
2.	Mr. Amit Kushwaha	Big Data Analytics	M.Tech.(CS) 2 nd Sem
3.	Dr. Prosenjit Gupta	Reinforcement Learning	M.Tech.(CS) 2 nd & 4 th sem
4.	Dr. Srinivas Padmanabhuni	Natural Language Processing	M.Tech.(CS) 2 nd sem
5.	Prof. S.Chandramouleeswaran	AI for IOT	M.Tech.(CS) 2 nd sem
6.	Dr. Sushil Kumar Tiwari	Database Management System	B.Tech.(IT) & B.Tech. (CS) 4 th sem
7.	Dr. Mainak Adhikari	Operating System	B.Tech.(IT) & B.Tech.(CS) 4 th sem
		Cloud Computing	B.Tech.(IT) 4 th Sem
8.	Mr. Sandeep Srivastava	Advanced Computer Architecture	B.Tech.(CS) 4 th Sem
9.	Mr. Saurabh Srivastava	Object Oriented Methodology	B.Tech.(IT), B.Tech.(CS), B.Tech.(CS&AI) 1 st 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 rolling advertisement along with the changes for the candidates applying in Management and Humanities, the publication requirements under 'Other Essential Requirements' and 'Additional Desirable Requirements' may be read as "SCI or equivalent in ABDC ranking" for the candidates applying in "Management and Humanities".

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