INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, ALLAHABAD
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December 2, 2019

Minutes of the 16th Senate Meeting of Indian Institute of Information Technology, Allahabad held on 13th November 2019 from 11:00 AM onwards in the Board Room of the Institute.

The Meeting was held in the Board Room of the Admin Block of IIIT-A. The Members in attendance were as follows.

1. Prof. P. Nagabhushan	: Chairperson
2. Prof. G.C.Nandi, Advisor (QAA)	: Member
3. Prof. U.S.Tiwary, Dean (HA)	: Member
4. Prof. Tapobrata Lahiri, Dean (A&R)	: Member
5. Prof. O.P. Vyas(CVO)	: Member
6. Prof. Shekhar Verma, Dean (IR&PM)	: Member
7. Prof. Anupam, Dean (Technology & Promotion Affairs)	: Member
8. Prof. Shekhar Majumdar, Dept. of Mech., Engineering, MNIT Bangalore	: Member
9. Prof. K. Chidananda Gowda Ex-VC, Kuvempu University	: Member
10. Dr. Vijayshri Tiwari, HOD, MS Dept	: Member
11. Dr. Rajat Kumar Singh, HOD, ECE	: Member
12. Dr. Vrijendra Singh, HOD, IT	: Member
13. Dr. Pritish Varadwaj, HOD, AS	: Member
14. Prof. Shirshu Varma, Registrar (Actg)	: Member & Secretary
15. Dr. Pavan Chakraborty, Asso. Dean (RDP)	: Invited Member
16. Dr. Manish Goswami, Asso. Dean (AAA)	: Invited Member
17. Dr. Akhilesh Tiwari, SPGC	: Invited Member
18. Dr. Pooja Mishra, SUGC	: Invited Member
19. Dr. Asheesh Kumaar, JR(AAA)	: Invited Member
20. Dr. Pavan Kumar Saini, JR (Estt.)	: Invited Member
21. Mr. Sanchit, Students' Representative	: Invited Member

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

Prof. Rajiv Tripathi, MNNIT, Prof. Sumit Ganguli, IIT Kanpur, Prof. K. Sethupathi, IIT Madras, and Prof. A.G. Ramakrishna, IISc Bangalore could not attend the meeting owing to their preoccupation and were, therefore, granted the leave of absence.

The following announcements were made and received with exchange of congratulations:

1. Prof. A.G. Ramakrishnan, IISc Bangalore on being awarded *Fellow of Indian National Academy of Engineering 2019.*
2. Prof. Chidananda Gowda on getting *Karnataka Rajyotsava Award 2019.*
3. The guidance given by the Senate enabling distinguished representation of IIIT Allahabad in IIIT Council for Continuous Assessment, Dual Degree and Credit Transfer Concepts introduced in CCLCAA, which was highly received by IIIT Council.

4. The MHRD was informed that IIIT Allahabad is quite ahead in having already conceived some of the points recommended recently by National Education Policy.
5. Thanks were expressed to all Senate members upon successful admission of 1st Batch in Business Informatics program by the AAA Section of the Institute.
6. New Centre for Cognitive Computing was also received.
7. The Senate appreciated the cooperation of the students during closing of the Institute after the pronouncement of Supreme Court verdict in the matter of Ram Janma Bhoomi-Babri Masjid.

Thereafter, the Agenda items were taken:

ITEM NO. 1: To receive the Minutes of 14th and 15th meeting (Convocation Specific) of the Senate held on 5.4.2019 and 13.9.2019 respectively

The Senate approved the minutes of the 14th and 15th Senate meetings held on 5.4.2019 and 13.9.2019.

ITEM NO. 2: To receive the Action Taken Report on the Minutes of the 14th and 15th Meeting (Convocation Specific) of the Senate held on 5.4.2019 and 13.9.2019 respectively

The Senate received with satisfaction the Action Taken Report on the minutes of 14th and 15th Senate Meeting (Convocation Specific) and noted that ATR on this Agenda Item No.16 will be submitted in the next Senate Meeting.

It was also resolved that henceforth concerned Deans & Heads of the Departments should make a brief presentation before the Senate highlighting the effectiveness of action implemented.

ITEM NO. 3: To consider the request of extension of registration period of Mr. Santosh Kumar Barnwal (RS-128) up to 31st December 2019

The Senate discussed the request of Prof U.S. Tiwary, the supervisor of Mr Santosh Kumar Barnwal (RS-128) for extension of his PhD program. However, the appeal from the student side was found missing. As per Dr Pavan Chakraborty, I/c PhD Cell, the program of Mr Barnwal was already terminated on crossing the maximum period in PhD program as per Old Ordinance. To reinstate in the PhD program, Mr Barnwal should formally submit his appeal to the Chairman, Senate through his respective supervisor.

(i) The Chairman, Senate observed that the office note was incomplete. However, in this case honouring the guide's recommendations and taking the views of honourable members, it was resolved to grant extension to the candidate till June 2020, subject to candidate completing the required administrative formality.

(ii) A committee comprising of Dean (A&R), Associate Dean (AAA), JR (AAA) and Associate Dean (RDP) was formed to look into such matter after obtaining all relevant papers from Associate Dean (RDP), and submit a comprehensive report about such cases together with appropriate recommendations. This report should be placed before the Senate in its next meeting.

(iii) Further, there was an open discussion regarding the procedures followed in conducting the PhD selections interview and allotment of PhD guides. In this context, the Senate resolved to constitute a Committee to prepare the guidelines for selections and guide allotment process. The constitution of the committee is as follows:

(1) Professor G.C. Nandi
(2) Professor K. Chidananda Gowda
(3) Dr. B.S. Sanjeev

ITEM NO.4: (A) Consideration and approval of one new elective course "Smart Antenna (ESMA730E)" for BTech ECE, 7th Semester

(B) Consideration and approval of following electives for ECE students of 6th Semester

ELECTIVES for ECE Dept.		Offered by
ICAP630E	Computational Astrophysics	IT Dept.
ICVI630E	Computer Vision	IT Dept.
IIOT630E	Internet of Things (Proposed)	IT Dept.
SSPM210E	Spintronic and Magnetic Materials	AS Dept.

(C) Consideration and approval of changes in course name, course code and addition of one new elective course for BTech IT.

1. The "**Information Retrieval System**" for 7th semester should be corrected and the course name Should be changed "**Information Retrieval**".
2. The course title, '**Cognition and Cognitive Systems**' for 7th semester should be renamed as "**Cognitive Systems**". The course code should also be renamed to ICOS730E.
3. Introduction of new Elective Course '**Visual Recognition (IVRN730E)**' for 7th semester BTech-IT.

The Senate accepted the recommendations of SPGC and approved the above electives with effect from the Jan-June 2020 semester for the students.

It was also suggested that any such modification proposal should henceforth be brought only in three columns – Existing, Proposed and Justification.

ITEM NO. 5: Consideration and approval of the minor adjustments in the following course running in various programmes in IT Department

S.N.	Existing course name & Code	Proposed Course name & Code	Justification
1	Cognition and Cognitive Systems& ICCS730E	Cognitive Systems & ICOS730E	Actual subject name is Cognitive System but it was added as Cognition and Cognitive System& ICCS730E
2	Information Retrieval System & IIRS730E	Information Retrieval & IINR730E	The subject name was actually Information Retrieval in the beginning. However, in the later documents it was given as Information Retrieval System.

a) **Addition of Electives**

Following elective courses were already approved by the Hon'ble Senate for different streams. However, department and respective faculty wished to offer the courses to other streams also. For example, a course approved for dual degree HCI is now being offered to IS also.

Sl. No.	Course Code	Course Name	Semester and Branch	Remarks
1	IVRN940E	Visual Recognition	9th semester HCI & IS	Visual Recognition - already approved for the New Ordinance
2	IVRN730E	Visual Recognition	7th semester dual degree IT & MBA	Visual Recognition - already approved for the New Ordinance
3	IVRN730E	Visual Recognition	7th semester B.Tech. (IT)	Visual Recognition - already approved for the New Ordinance
4	IDML940E	Deep Learning	9th semester dual degree RO	IDML730E Deep Learning - already approved for the Old Ordinance
5	IEMB940E	Modeling, Design and Analysis of Embedded	9th semester dual degree HCI	IEMB730E Modeling, Design and Analysis of Embedded System - already approved for the Old

				Ordinance
		System		
6	IDCO940E	Data Compression	9th semester dual IS	IDCO730E Data Compression - already approved for the Old Ordinance
7	IDCO940E	Data Compression	9th semester dual degree RO	IDCO730E Data Compression - already approved for the Old Ordinance
8	IFRO730E	Foundation of Robotics	7th semester B.Tech (IT)	IMFR740C Mathematical Foundation of Robotics - already approved for the Old Ordinance
9	IISA940E	Information Security Audit	9th semester dual degree CLIS	IISA240E Information Security Audit - already approved for the Old Ordinance

The Senate approved the above recommendation made by the SPGC with the observation that such Electives should be floated with a pre-requisite criteria.

ITEM NO. 6: Consideration and approval of the establishment of a new centre entitled – 'Robotics & Machine Intelligence in Health Care Automation' in IIIT-Allahabad

Prof. G.C. Nandi briefed the Senate members about establishing a new centre at IIIT Allahabad. The Centre intended to promote research & development, teaching and manpower creation in the frontier area. The centre will actively collaborate with other such centres in India and abroad and exchange mutual expertise in this area.

(i) The Senate appreciated the efforts made by Prof. G.C. Nandi and accepted the proposal with a modified name '*Centre for Intelligent Robotics with special emphasis on Health Care Automation*'. The Centre shall be financially self-sustaining and no grant from the Institute will be provided.

(ii) The Senate also formed the committee of following members to prepare the common by-laws for all the Centres established by IIITA, for uniformity in their administrative running. This Committee should also take into cognigence the paper already available in this context:
1. Dean (A&R), Chairman
2. Dean (IP&RM)
3. Dr. Pritish Varadwaj
4. Joint Registrar (AAA)

ITEM NO. 7: Consideration and approval of another basket of courses under the Add-On 'Social Initiative and Society Services (SISS)'

(i) Needs of Bharat (L=0: T=1: P=1)
(ii) Upliftment of Rural Bharat (L=0: T=1: P=1)
(iii) Contributions of India to the World (L=0: T=2: P=0)
(iv) Social Services using Information Technology (L=0: T=0: P=2)

The Senate approved the Add-On basket under '*Social Initiative and Society Services (SISS)*' with the suggestion that Ad-On on '*Event Management*' may also be explored.

ITEM NO. 8: Consideration and approval of the course structure of the proposed new course "BTech IT – Media Informatics"

In 14th Senate Meeting held on 5th April 2019, the Senate had approved the proposal of the new program BTech IT – Media Informatics and suggested to work out the details of the course structure. Accordingly, Prof. Anupam prepared the course structure and same was briefed to the Senate in its 16th Meeting.

The Senate appreciated the efforts of Prof Anupam and suggested that the Committee of Dean (A&R), Associate Dean (AAA) and JR (AAA) together with Prof Anupam may work out the logistics, number of students that may be admitted etc. and place it before the next senate for approval. The curriculum also may be finalised by that time.

ITEM NO. 9: Consideration and approval of the correction in course syllabus of the "Artificial Intelligence" under the new ordinance (Dept. of IT, UG curriculum booklet, July 2018)

The Senate approved the course syllabus of *"Artificial Intelligence"* under the new ordinance.

ITEM NO. 10: Consideration and approval for providing the option to the current 5th semester students of B.Tech. (ECE), last batch under Old Ordinance, to switch their program from Single Degree to Dual Degree

Dr. Rajat Singh, HOD (Applied Sciences) briefed the Senate members about providing the option to the current 5th semester batch of BTech(ECE) (last batch under Old Ordinance), to switch their program from Single Degree to Dual degree, B.Tech.-M.Tech.(ECE) Degree program.

The Senate approved the proposal, and the Senate also kept this option open for both BTech (ECE) and BTech (IT) candidates who are presently in 3rd year. It was also resolved that Associate Dean (AAA) & JR (AAA) will follow this up in consultation with Dean (A&R).

ITEM NO. 11: Consideration and approval of the new course on Data Science as "M.Tech. in Data Science and Analytics"

Dr. Pritish Varadwaj, HOD (Applied Sciences) briefed the Senate members about the new course on Data Science for M.Tech. students under proposed collaboration with Industries.

The Senate approved the proposal of the HOD (AS) in principle. The Senate asked to work out complete modalities and logistics of the proposed course and put up the proposal in the next Senate Meeting for the final approval. The Senate also emphasized for the signing of MoU with Industries as envisaged to ensure fruitfulness of the program.

ITEM NO. 12: Consideration and approval of the recommendations of Sub-Committee regarding the Course Curriculum of B.Tech.IT-Business Informatics 2019-20

Prof. O.P. Vyas, Co-ordinator, B.Tech.IT-Bioinformatics program briefed the Senate members about the recommendations of Sub-Committee regarding the Course Curriculum of B.Tech. IT-Business Informatics.

The Senate approved the recommendation of the sub-committee regarding the Course Curriculum of B.Tech. IT-Business Informatics. The Senate also suggested that the sub-committee may review the curriculum before the start of every year, during the passage of the first batch.

ITEM NO. 13: Consideration and approval of re-worded Criterion for award of various medals

The Joint Registrar (AAA) briefed the Senate members about the re-worded criterion for award of various medals.

The Senate approved the reworded criteria in principle. It was suggested that all HODs should go through the documents and come up with their suggestions if any by the time the draft minutes are circulated. No suggestions were since received by then, the proposals on medals, criterion and occasion, were deemed to have been approved as proposed.

REPORTING ITEMS:

ITEM NO.14: To report about the punishment imposed on Mr. Sarthak Sengupta (IPH2015001) by the Institute's Chief Proctor for indulging in in-disciplinary activity

The Senate noted and ratified the decision.

ITEM NO. 15: To report the Issuance of DUPLICATE Academic Instruments (IDAI) Policy, Procedure and fees (2019)

The Senate ratified the policy.

ITEM NO. 16: To report the allocation of PhD Supervisors

The Senate noted and ratified the same.

ITEM NO. 17: Any other item with the permission of the Chair

(a) Addition of Electives and Core courses recommended by SPGC

Sl. No.	Course Code	Course Name	Semester and Branch	Remarks
1	ICVI840E	Computer Vision	8th semester B.Tech – M.Tech (IT) dual degree CLIS	This course is already approved for the B.Tech (IT) and few other dual degree courses. Department decided to add this course as elective for CLIS students considering the students request and increase the number of subjects in the elective pool.
2	IMCL840E	Machine Learning – Tools and Techniques	8th semester B.Tech – M.Tech (IT) dual degree IS	This course is already approved for the B.Tech (IT) and few other dual degree courses. Department decided to add this subject as elective for IS students considering the students request, industry requirement and increase the number of subjects in the elective pool.
3	IMDM840E	Mobile Data Management	8th semester B.Tech – M.Tech (IT) dual degree WCE	This course is already approved for the B.Tech (IT) and few other dual degree courses. Department decided to add this subject as elective for WCE students considering the students request and increase the number of

4	IWSN840E	Wireless Sensor Network	8th semester B.Tech – M.Tech(IT) dual degree WCE	subjects in the elective pool.
				This course was previously given as core course for the dual degree WCE students. Now department decided to add this course into elective pool and add IWNS840C - Wireless Networks as the core course because this course has more coverage towards the specialization.
5	IWNS840C	Wireless Networks	8th semester B.Tech – M.Tech (IT) dual degree WCE	This course was previously given as elective course but now department decided to offer this as the core course because it has more coverage towards the specialization.

(b) Addition of Electives recommended by SUGC

Sl. No.	Course Code	Course Name	Semester and Branch	Remarks
1	IIOT630E	Internet of Things	6th semester B.Tech.(IT) and all B.Tech – M.Tech (IT) dual degree students	This course is already approved for New Ordinance. Considering the research and industry requirement, department decided to introduce this course to old ordinance IT students also.

(c) Additional Elective (IWSN630E) for BTech (ECE) 6th Semester

The course **IWSN630** titled, **"Wireless Sensor Network"** may kindly be allowed for BTech (ECE), 6th semester student also.

The Senate approved the electives/core courses as proposed.

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

2/12/12

Prof. P. Nagabhushan
Chairman, Senate