INDIAN INSTITUTE OF INFORMATION TECHNOLOGY (IIIT)
Jhalwa, Deoghat, Allahabad - 211012

4th Meeting of SENATE POST GRADUATE COMMITTEE, IIIT- A

Ref. F .No. : IIITA/ SPGC- mints./ 4th meet/2016   Date: -4th May , 2016

Meeting Date   : 4th May ,2016
Time   : 04:00 P.M
Venue   : Meeting Room, CC-2, IIIT-A

MINUTES

MINUTES OF THE 4th MEETING OF THE SENATE POST GRADUATE COMMITTEE (SPGC) HELD ON 4th of May, 2016 AT 04.00 P.M. IN MEETING ROOM CC-2 building, IIITA ALLAHABAD.

The 4th meeting of the Senate Post Graduate Committee was held on **4th of May, 2016** at 04.00 P.M in the meeting room CC-2 building, IIIT Allahabad. The following **members were present:-**

Chairman-SPGC	- Dr. Pavan Chakraborty
For Convener,DPGC-IT Department	-Dr. S.Venkatesan
Convener,DPGC-ECE Department	-Dr. Rajat Singh
Convener, DPGC-Management Dept	-Dr. Shailendra Kumar
Senate Nominee	- Dr. Vijayshri Tiwari
HOD-IT	- Prof. Shekhar Verma
HOD-AS	- Dr T.Lahiri
HOD – Management	- Dr. Madhvendra Mishra

Members Absent: HOD-ECE Dr. Neetish Purohit & Convener, DPGC-BI& AS Department -Prof. Krishna Mishra

The Chairman, Senate Post Graduate Committee (SPGC) welcomed the members. Agenda items were then taken up for consideration.

Item No.1 To receive and confirm the minutes of the 3rd meeting held on 07/01/2016 as circulated on 12/01/2016.

The minutes of the 3rd meeting held on 07/01/2016 as circulated on 12/01/2016 was confirmed.

Item No.2 Agenda Points & Notes from SPGC to be put up in 4th Senate were discussed.

Point No.1 - To discuss the modalities with reference to the new proposed M.Tech. Program to be started from the next academic session, 2016-17.
[With reference to the minutes of the 3rd Meeting of the Senate (IIIT-A) Agenda Item No. 8 – Observations on salient points of 2nd meeting of SPGC point No. 10]

Presently the Institute offers M. Tech.(IT) programs with 7 different specializations and M.Tech.(ECE) program with specialization in Microelectronics. Also, integrated M.Tech.-Ph.D. in each of these 8 specializations are already being offered. The seat matrix for the session 2015-16 for these programs is attached herewith at Annexure no. 1.1.1.

1

30/5/2016

SPGC considered the proposals of DPGC (ECE) and DPGC (IT) as placed at (Annexure no. 1.1.2) After deliberations at length the SPGC felt since the issue of increasing of seat

(i)   The total number of seats in M.Tech. and Integrated M. Tech. Ph.D. programs in the Institute will be kept same.

(ii) The ECE department was asked to give a self contained proposal for additional seats for further discussion in the senate. (Annexure: 1.1.3)

The seat Annexure as proposed by ECE department shown in Annexure 1.1.3 was objected to by HOD-IT . The sharing of seats of WCE was not agreed upon. It was therefore decided that ECE department requests for additional seats which may be placed for discussion and approval in the senate.

Point No.2 Reporting of the Change of Supervisor & completion of residency as per the approval of Chairman-SPGC (Annexure: 2)

The SPGC noted and accepted the approvals for change of supervisor; however the committee opposed the current policy of proposed allotment of co-supervisors for those students who have left the campus. For future such cases it was proposed that for students who have completed their residency or completed their open seminar and whose supervisor goes on a long leave then the Convener DPGC/ Chairman-DPGC would act as the *caretaker supervisor for the student.*

Point No.3   Adopting of MHRD GO F.No.17-2/2014-T.S.-1 dated 1st September, 2015 regarding the Scholarship of PhD students
(Corrections to the minutes of the 3rd senate meeting Agenda Item No. 8 – Observations on salient points of 2nd meeting of SPGC point No. 1])

As per the discussion in the 3rd Senate meeting held on 17/10/2015 it was decided that the transition from 04 years scholarship to 05 years scholarship as per the above mentioned GO would not be done automatically. The student will have to be assessed by a three-member committee constituted by the DPGC chaired by the supervisor, before final extension of the scholarship. *As this has been wrongly minuted as :*

1) Adopting of MHRD GO F.No.17-2/2014-T.S.-1 dated 1st Sept. 2015 regarding the Scholarship of Ph.D. students and relook of programme length for various courses (as per the minutes of the 2nd Senate Meeting).
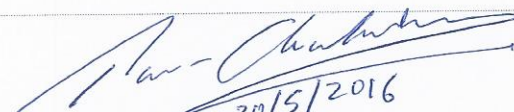
    Resolution
    The Members noted the decisions taken.

in *the 3rd Senate minutes of the meeting therefore, this is for further ratification in the 4th Senate meeting.*

Point No.4: Regarding approval of the Ph.D admission advertisement to be placed on the website

The advertisement of all the departments has been finalized keeping in mind the GO and the PG manual as approved by the senate. This is placed for further suggestions and ratification. (Annexure: 3)

30/5/2016

A PhD selection brochure is compiled with all the details provided by the different DPGC's and circulated to all the faculties and PhD students. The corrected brochure to be placed before the senate for final approval.

Point No.5: Regarding Pg Manual –regarding appointment of external supervisor for the PhD Students. (PG manual-Point 11.1 page 24.)

As per the current PG Manual point 11.1 (pages 24) regarding appointment of thesis supervisor.

It is proposed that a provision for appointment of external supervisor for PhD students also be made in-order to promote inter-institutional interactions and research. The external supervisor would be proposed by the supervisor stating the expected quantum of contribution of the external supervisor and approved by the DPGC, subject to being reported to and accepted by the SPGC.

Point No.6: Regarding incorporating the title of the thesis in the PhD degree being awarded.

It is proposed that the title of the thesis be incorporated in the PhD degree being awarded. A sample copy of the certificate with location of the changes marked was approved (Annexure: 4)

Point No.7: Regarding printing of final thesis

It is proposed that the final thesis after correction be printed on both sides in-order to reduce shelf space and also for the economic use of paper. (1.5 spacing, 12 font, AK Bond paper, page no. center bottom)

Item No.3   Regarding the case of Mr. Purav Parikh

SPGC was of the view that since this was an administrative issue so the matter cannot be decided in the SPGC. Further the HOD-Management/ DPGC was authorized to explore the possibility of assigning a supervisor to the student. However, if no supervisor is ready to guide him in the department then a clear cut recommendation for continuation /cancellation of PhD Candidacy should be made.

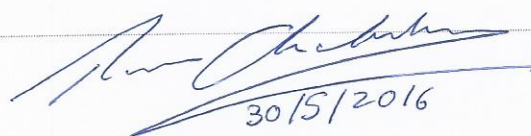Item No. 4 Reporting of scholarship extension of students after completing 04 years

Annexure-2 provides the list of students whose scholarship was extended beyond 4 years. The committee agreed to the view that the students need to apply for the financial extension well in advance of his completion of 04 years .No arrears will be given. (Annexure: 5)

Item No. 5 Reporting of change of supervisor & allotment of supervisors

The change of supervisors & allotment of supervisors for the new students was taken into cognizance. (Annexure: 6)

Item No. 6 Regarding relooking the advertisement flyers and a discussion to modify the current advertisement in line with the IIIT Kanchipuram advertisement as it is more informative and comprehensive.

All the members of SPGC were of the view that each department should separately develop a flyer for advertisement and it will be put on the IIITA website linked to a common interface. Print out of the flyers along with the brochure will be send to all the premium institutes of the country to attract good students

30/5/2016

Item No. 7 Regarding minor modification in course structure of MBA were noted by SPGC

- ➤ Shifting the course Data-mining from the III semester to IV semester
- ➤ Shifting the course BCP & DRP from the IV semester to III semester
- ➤ Busing Intelligence Course to be made an elective in IV semester in IT basket (presently core paper in IV semester)
- ➤ IT Strategy & Cloud Computing has to be shifted from elective Basket (IT) to Core paper in IV semester

    The changes would be applicable from 2015 batch onwards

The SPGC committee noted and accepted to place it in the senate for approval

Item No. 8 Regarding suggestions/ modification in course structure as given by the department of Applied Science were noted by SPGC

- ➤ New Syllabus for 2 year M.Tech. in BME (Annex: SyllabusMTechBME25Apr16Final.docx)
- ➤ Syllabus for 2 year M.Tech. in BI (attachment: SyllabusMTechBI25Apr16Final.doc)
- ➤ Syllabus for the subject Engineering Biology (Elective in VI Semester of B.Tech.IT) (attachment: Engineering biology Elective Final.doc)
- ➤ Syllabus for the subject Bioinformatics (Elective in VII Semester of B.Tech.IT) (attachment: Bioinformatics Elective Final.doc)
- ➤ Course structure for dual M.Tech. degrees in BME and BI (attachment: COURSE STUCTURE for IT, ECE and AS 2016 Apr2016.xlsx)

There is no prerequisite for each of the subjects mentioned from VII through IX semester of Dual degree in M.Tech. BI as given in Course structure provided that they complete all the subjects from I through VI semester of B.Tech.IT with compulsory Engineering Biology in VI Semester. The subjects from VII through IX are kept following the existing course curriculum and will readily be modified once the updated curriculum is approved by the Senate.
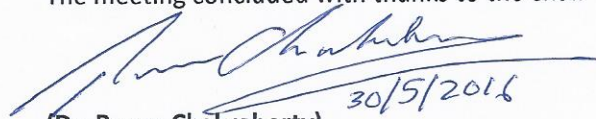
Also note that there is no prerequisite for each of the subjects mentioned from VII through IX semester of Dual degree in M.Tech. BME as given in Course structure provided that they complete all the subjects from I through VI semester of B.Tech.ECE with compulsory Engineering Biology in VI Semester.

The SPGC committee noted and accepted to place it in the senate for approval
This will get reflected in the curriculum brochure developed by the exam cell in consultation with each department.

The meeting concluded with thanks to the chair

30/5/2016

(Dr. Pavan Chakraborty)
Chairman- SPGC

Copy to:
1. All Members of SPGC
2. Chairman, Senate
3. Senate Coordinator
4. Dean of Academic Affairs

4

30/5/2016

Seat & Eligibility Matrix Format- M.TECH 2015

Institute Name: Indian Institute of Information Technology, Allahabad

Department Name	Programme Name	Group	Qualifying Degree Code	GATE Paper Codes	OC	OB	SC	ST	OC PWD	OB PWD	SC PWD	ST PWD	Total
Information Technology	Software Engineering (SE)	G1	T219,T313,T211,T120, T213, T121, T122,T123, T215, T216, T124, T217, T339, T233, T237, T266, T267, T268, T348, T149, T349,T265, B453, S509, S510, S559, S548	CS	8	5	2	1	1	0	0	0	17
Information Technology	Wireless Communication Engineering (WCE)	G2	T330,T191,T210,T214,T135,T235,T137, T139,T243,T343,T265,T381,T181, T211, T120, T213, T121, T122,T123, T215, T216, T124, T217, T339, T233, T237, T266, T267, T268, T348, T149, T349	EC, CS	8	3	2	1	0	1	0	0	15
Information Technology	Intelligent Systems (IS)	G3	T211, T120, T213, T121, T122, T123, T215, T216, T124, T217, T339, T233, T237, T266, T267, T268, T348, T149, T349, B453, S509, S510, S559, S548	CS	5	3	1	1	0	0	0	0	10
Information Technology	Robotics (RO)	G4	T329,T187,T101,T102,T191,T192,T194, T108, T195, T196, T217,T218,T128,T223, T127, T224, T228, T129, T130, T341,T131, T227,T230,T231,T232,T234,T136,T240, T242,T141,T261,T145,T263,T46,T147,T269,T390, T150, T270, T388, T392, T151, T152, T271, T272, T155, T353, T354, T275, T279, T158,T357, T358, T280, T385, T159, T359, T281,T282, T361, T166, T287, T307, T316, T321, T184, T211, T120, T213, T121, T122,T123, T215, T216, T124, T217, T339, T233, T237, T266, T267, T268, T348, T149, T349, T135	CS, EC, ME	5	3	1	1	0	0	0	0	10

Department Name	Programme Name	Group	Qualifying Degree Code	GATE Paper Codes	OC	OB	SC	ST	OC PWD	OB PWD	SC PWD	ST PWD	Total
Information Technology	Human Computer Interaction (HCI)	G5	T329,T330,T191,T210,T214,T135,T235,T137,T139, T243,T343,T265,T381,T181, T122,T123, T215, T216, T124, T217, T339, T233, T237, T266, T267, T268, T348, T149, T349, B453, S509, S510, S559, S548	CS	6	3	2	1	0	0	0	0	12
Information Technology	Cyber Law and Information Security (CLIS)	G6	T211, T120, T213, T121, T122,T123, T215, T216, T124, T217, T339, T233, T237, T266, T267, T268, T348, T149, T349	CS	5	2	2	1	0	0	1	0	10
Information Technology	Bio-Informatics (BI)	G7	B452, B453, T329, T188, T103, T333, T109, T197, T110, T198, T111, T200, T112, T113, T201, T334, T117, T207, T121, T122, T123, T215, T216, T124, T217, T395, T262, T265, T266, T267, T268, T348, T149, T349, T292, T293, T368, T369, T370, T371, T372, T373, T374, T375, T313, T316, B451, S501, S504, S506, S563, S530, S531, S532, S507, S508, S509, S510, S564, S559, S540, S541, S542, S519, S544, S546, S548, S522, S560, S555, S525, S561	AG, BT, CH, CS, CY, EY, MA, PH, XE, XL	8	5	2	1	0	0	0	0	17
Electronics Engineering (MI)	Microelectronics	G1	T999, S599, B453	EC	6	3	2	1	0	0	0	0	12

Seat & Eligibility Matrix Format- Integrated M.TECH & Ph.D 2015

Institute Name: Indian Institute of Information Technology, Allahabad

Department Name	Programme Name	Group	Qualifying Degree Code	GATE Paper Codes	OC	OB	SC	ST	OC PWD	OB PWD	SC PWD	ST PWD	Total
Information Technology	Software Engineering (SE)	G1	T219,T313,T211, T120, T213, T121, T122,T123, T215, T216, T124, T217, T339, T233, T237, T266, T267, T268, T348, T149, T349,T265, B453, S509, S510, S559, S548	CS	3	1	1	1	0	0	0	0	6
Information Technology	Wireless Communication Engineering (WCE)	G2	T330,T191,T210,T214,T135,T235,T137, T139,T243,T343,T265,T381,T181, T211, T120, T213, T121,T122,T123, T215, T216, T124, T217, T339, T233, T237, T266, T267, T268, T348, T149, T349	EC, CS	2	2	0	0	1	0	0	0	5
Information Technology	Intelligent Systems (IS)	G3	T211, T120, T213, T121, T122, T123, T215, T216, T124, T217, T339, T233, T237, T266, T267, T268, T348, T149, T349, B453, S509, S510, S559, S548	CS	2	1	1	0	0	0	0	0	4
Information Technology	Robotics (RO)	G4	T329,T187,T101,T102,T191,T192,T194, T108, T195, T196, T217,T218,T128,T223, T127, T224, T228, T129, T130, T341,T131, T242,T141,T261,T145,T263,T46,T147,T269,T390, T227,T230,T231,T232,T234,T136,T240, T150, T270, T388, T392, T151, T152, T271, T272, T155, T353, T354, T275, T279, T158,T357, T358, T280, T385, T159, T359, T281,T282, T361, T166, T287, T307, T316, T321, T184, T211, T120, T213, T121, T122,T123, T215, T216, T124, T217, T339, T233, T237, T266, T267, T268, T348, T149, T349, T135	CS, EC, ME	2	1	1	0	0	0	0	0	4

Department Name	Programme Name	Group	Qualifying Degree Code	GATE Paper Codes	OC	OB	SC	ST	OC PWD	OB PWD	SC PWD	ST PWD	Total
Information Technology	Human Computer Interaction (HCI)	G5	T329,T330,T191,T210,T214,T135,T235,T137,T139, T243,T343,T265,T381,T181, T211, T120, T213, T121, T122,T123, T215, T216, T124, T217, T339, T233, T237, T266, T268, T348, T149, T349, B453, S509, S510, S559, S548	CS	2	1	0	1	0	0	0	0	4
Information Technology	Cyber Law and Information Security (CLIS)	G6	T211, T120, T213, T121, T122,T123, T215, T216, T124, T217, T339, T233, T237, T266, T267, T268, T348, T149, T349	CS	3	2	1	0	0	0	0	0	6
Information Technology	Bio-Informatics (BI)	G7	B452, B453, T329, T188, T103, T333, T109, T197, T110, T198, T111, T200, T112, T113, T201, T334, T117, T207, T121, T122, T123, T215, T216, T124, T217, T395, T262, T265, T266, T267, T268, T348, T149, T349, T292, T293, T368, T369, T370, T371, T372, T373, T374, T375, T313, T316, B451, S501, S554, S527, S528, S504, S506, S563, S530, S531, S532, S507, S508, S509, S510, S504, S559, S540, S541, S542, S519, S544, S546, S548, S522, S560, S555, S525, S561	AG, BT, CH, CS, CY, EY, MA, PH, XE, XL	2	1	0	0	0	0	0	0	3
Electronics Engineering	Microelectronics (MI)	G1	T999, S599, B453	EC	2	1	1	0	0	0	0	0	4

Indian Institute of Information Technology, Allahabad

Year 2015: Minutes of the 2nd Meeting of the DPGC of the ECE Department
(Venue: Room no. 2106, CC-1   Date: 1st Oct'2015   Time: 04:00PM)

The following resolution have been made after thorough deliberation:

1. The course of M.Tech.(EC) with specialization in Communication Engineering (CE) was started in July 2012 while the course of M.Tech.(IT) with specialization in Wireless Communication and Computing (WCC) was started in July 2002. In July 2014, the Senate decided to discontinue these two courses, and start a new course as M.Tech. with specialization in Wireless Communication Engineering (WCE) as an Inter departmental Program (IDP).

    In last two years, it is found that the motive of this merging/opening is not being fulfilled. Hence, it is decided to close the M.Tech.(IDP)-WCE, and to restart the above two M.Tech. program. The curriculum of M.Tech.(EC)-CE and the seat matrix is attached herewith as Annexure-1 and Annexure-2 respectively. This should be placed before the Senate for its ratification.

2. Thesis Repository in case of PhD may be compulsory on Intranet, however, in case of Internet, it may be the choice of the Thesis Supervisor. While, in case of M.Tech. Thesis, the repository may be compulsory, but only on Intranet.

3. The matter of Mr. Nitin Goel (RS-111), PhD Student of ECE department, was discussed in the light of the comments received from his supervisors Prof. B. R. Singh and Dr. Neetesh Purohit. Both of them are of the opinion that the student may not be able to complete the requirement of PhD program. It should be communicated to the concerned student.

1 of 2

134

Agenda Item-10: Decision in various plagiarism cases as reported by Ph.D. Cell.

Resolution: The SPGC is requested to seek for the written explanations from the students and supervisor(s) on the issues reported. The same may be forwarded to DPGC for further discussions and necessary decision.

Agenda Item-11: Merging M. Tech. (WCC) and M. Tech. (CE) into M. Tech. (WCE) has been proved inappropriate. Thus, from the session 2016, the institute should discontinue M. Tech. (WCE) and again resume both original courses viz. M. Tech. (ECE) with specialization in Communication Engineering and M. Tech. (IT) with specialization in WCC. DPGC (ECE) and DPGC (IT).

Resolution: DPGC agreed in principle and same may be forwarded to Senate through SPGC for further approval.

Agenda Item-12: Any other agenda item with the permission of chair and convener.

Other Agenda Item-1: Discussions on publication/patent (Point No.4) and obligations of JRF/SRF (Point No.6.II) as per F.N0.17-2/2014-TS.I Government of India Ministry of Human Resource Development Department of Higher Education, Dated 18th Feb 2015.
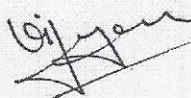
Resolution: The discussion was done against the point number-4 & 6.II of above mentioned GO. The DPGC resolved against the points as follows,

(a) The results of JRF/SRF/M.E./M.Tech/MS/M.Design research work published in any journals must have appropriate acknowledgement for funding agency of Government of India (e.g. MHRD, GOI).

(b) The JRF/SRF/M.E./M.Tech/MS/M.Design must send a detailed consolidated report of the research work done during the entire period of fellowship on completion of the tenure/registration of the fellowship at earliest. The hard and soft copy of the report/thesis must be kept in the institute repository (library) with proper identification (indexing) and a list of such JRF/SRF /M.E. /M.Tech /MS/ M.Design, containing the Name, En./Reg. No., Title of Research Work (Thesis title), Duration of fellowship, and submission date must be prepared and displayed on Institute website appropriately. The submission in Institute repository must be ensured by DPGC (at department level) and may be ensured by SPGC (at Institute level).

Other Agenda Item-2: Preparation and circulation of poster for IT department for PhD admissions to attract good PhD students.

Resolution: The DPGC resolved to prepare the PhD admission related posters of IT department. This poster, contain the thrust areas, to be published from departmental fund and to be circulated in hard and soft forms to various good target institutes. Dr. Jagpreet Singh and Dr. S. Venkatesan have been requested to prepare the poster and address list of target institutions for circulation, in consultation with DPGC & HoD.

ECE Department
(New proposed M.Tech. Program to be started from the next academic session, 2016-17)

(i) Merging of M. Tech.(IT) with specialization in WCC and M.Tech.(ECE) with specialization in Communication Engineering into M. Tech. (WCE) did not give desired results. Thus, it may be reverted as follows:

   (a) M. Tech. (IT) with specialization in WCE should be renamed as M. Tech. (IT) with specialization in Wireless Computing (WC) w.e.f. the session 2016.

   (b) M. Tech.(ECE) with specialization in Communication Engineering (CE) should also be restarted w.e.f. the session 2016.

   (c) Similarly in place of integrated M.Tech.(IT) with specialization in WCE and PhD should be discontinued and Integrated M.Tech. -Ph.D. programs in both the disciplines mentioned above should be started w.e.f. the session 2016. The proposed scheme for both these programs is:

Branch	WCE (current)	WC (Proposed)	CE (Proposed)
M Tech	15	07	08
Integrated MTech- Ph.D	05	03	02
TOTAL Seats	20	10	10

(ii) As per the above distribution, the total no. of seats of WCE may be shared between WC and CE with equal proportion. This ensures that there is no demand for extra seats for M Tech program at our institute. Later on, the number of seats in these programs, which performs better, may be enhanced.

Supervisors allotted

S.No.	Enrol, No,	Name	Date of Joining	Supervisor(s)
1.	RS-148	Swechcha Mishra	06/01/2014	Dr. Sangeeta Singh
2.	RS-177	Mahendra Shukla	20/8/2014	Dr. Neetish Purohit & Dr. Suneel Yadav
3.	RSS2015001	Rashmi Singh	1/7/2015	Dr. Pramod Kumar
4.	RSS2015002	Sonali Mishra	7/7/2015	Supervisor: Prof. Krishna Mishra & Co-supervisor Dr. Sangeeta Singh
5.	RSS2015003	Manoj Kr. Pal	7/7/2015	Dr. T. Lahiri
6.	RSI2015001	Vivek Kumar Singh	2/7/2015	Dr. Manish Kumar
7.	RSI2015002	Suvidha Tripathi	3/7/2015	Dr. Satish Kumar Singh
8.	RSI2015004	Abdul Momin	3/7/2015	Prof. S.Sanyal
9.	RSE2015002	Neha Mishra	9/7/2015	Dr. Amit Prabhakar
10.	RSE2016001	Ajay Kumar Tiwari	6/7/2015	Dr. Seema Awasthi
11.	RSE2016002	Himani Mishra	9/7/2015	Dr. Sitangshu Bhattacharya
12.	RSE2016003	Abhishek Kumar	08/1/2016	Dr. Neetish Purohit & Dr. Pooja Jain
13.	RSE2016004	Manoj Tolani	11/1/2016	Dr. Sunny Sharma
14.	RSE2016005	Nidhi Verma	11/1/2016	Dr. Neetish Purohit & Dr. Pooja Mishra
15.	RSE2016006	Soumit S.Chaudhury	12/1/2016	Dr. Seema Awasthi
16.	RSI2016001	Vaibhav Malviya	13/1/2016	Dr. Rahul Kala
17.	RSI2016002	Vandana Kushwaha	20/1/2016	Prof. G.C.Nandi
18.	RSI2016003	Nayaneesh Kr Mishra	14/1/2016	Prof. Anupam Agarwal
19.	RSI2016004	Ajit Singh	15/1/2016	Dr. Pavan Chakraborty
20.	RSI2016005	Anamika Jain	18/1/2016	Dr. Satish Kr. Singh & Dr. K.P.Singh
21.	RSI2016006	Abhishek	19/1/2016	Prof. Shekhar Verma

Indian Institute of Information Technology Allahabad

IIIT Allahabad invites Applications from Motivated, Enthusiastic candidates ready to explore and investigate challenging problems in the areas like IT, ECE, Applied Science, Management or any other new areas related to Information Technology or in the interdisciplinary domain with IT as one of the domains for admission to the full time residential Ph. D. Programme in the following Departments:

The Institute offers Ph.D. programmes in the disciplines of Information Technology, Electronics & Communication Engineering, Applied Science and Management. Ph.D Students are selected under Institute fellowship. In addition, Ph. D admission in select research area is carried out under Visvesvaraya Ph. D scheme. Students may also be selected through sponsored project scholarship.

The Institute offers Ph.D. programmes in the disciplines of Information Technology, Electronics & Communication Engineering, Applied Science and Management. Ph.D Students are selected under Institute fellowship. In addition, Ph. D admission in select research area is carried out under Visvesvaraya Ph. D scheme. Students may also be selected through sponsored project scholarship.

Research Areas:

Information Technology: Soft computing, Artificial Intelligence, Robotics, Computer Vision, Remote Sensing, Image Processing, Multimedia, Graphics & Animation, Graphical projections, Natural Language Processing (NLP), Data Mining, Wireless and Mobile Networks, Service Oriented Architecture, Software Engineering, Programming Language, Theoretical Computer Science , Distributed and High Performance Computing, Big Data, Large Astronomical Data Analysis, Cryptography, Computer Forensics, Biometrics & Pattern Recognition, Information System Audit, Cyber Crimes, Security Architecture & Standards etc.

Electronics & Communication Engineering: Antenna, Microwave Measurement and Design, Fiber Optics, Photonics & Optical communication, Signal Processing, Wireless Communication and Network.
Control System Engineering and Instrumentation,Electro-Thermal Analysis of Next Generation Materials
Computational Nano-Electronics, Solar Cells, Thermoelectric materials, Graphene & Di-Chalcogenide based 2D devices , MEMS and Sensor Technology ,Analog/RF Integrated Circuit Design, VLSI System Design, Embedded System Design

Management: Marketing/Services   Management, Finance/Economics/Accounting, Human   Resource Management/Development, Operations & Optimization, Strategic Management/General Management

Bio-Informatics: Computational Biology, Structural biology & Drug designing, Systems Biology, Modeling & Simulations, Soft computing and High Performance Computing (HPC)

Applied Sciences: Nano Sciences, Genomics, Bio electrics& mechanics, Quantum Information, Quantum Optics, Modeling & Simulations, Computational Physics and HPC Physics etc.

Additional research field maybe seen in the individual research interest of faculties given in this brochure and the IIITA website.

Eligible candidates possessing the minimum educational qualifications as given under and satisfying additional and stiffer criteria set by the institute from time to time will be called for test/ interview. Based on the academic record and the performance of the candidates in the test and interview, the Selection Committee will recommend to the Chairman of the Senate the names of candidates found suitable for admission to the Ph.D. programme.

Reservation of Seats

Reservations are applicable to SC/ST/OBC/Candidate with Physical Disability (PD) as per the rules and regulation of the Govt. of India.

Fee Structure : The Fee structure for the Ph. D Programme can be seen on www.iiita.ac.in

Admission with Financial Assistance:

The scholars admitted to the Ph.D. programmes (Full time) are eligible under the following regulations:
 a) The scholars should work for 8 hours per week to earn this assistantship.
 b) Renewal of assistantship every semester will be contingent on enrolment, satisfactory progress in research work and good performance during the preceding semester in the discharge of responsibility as teaching / research assistant.
 c) Quantum of financial assistance is as per the Government order in this regard

Eligibility for Admission and Reservation of Seats

The admissions to the *dual degree M. Tech. –Ph. D. and M.B.A. -Ph. D. programmes* are made once in a year for the odd semester. Admissions to the MBA- Ph.D programme are normally made in March-April for the next academic session through Institute Admission Advertisement. Admissions to the M. Tech. – Ph.D programme are normally held in June-July for the odd semester through CCMT counseling.

The "specified minimum" marks/CGPI (Cumulative Grade Point Index), referred to in subsequent sections, implies a minimum of 55 percent marks /6.5 (on a 10 point scale) as long as it is not less than the minimum pass marks/CGPI; otherwise, the "specified minimum" marks/CGPI implies the minimum pass marks/CGPI.

The number of admission that can be made to any programme shall be as decided by the Senate from time to time.

Reservation of seats for various reserved categories shall be as prescribed by the Board of Governors.

 Candidates belonging to the Scheduled Castes/Scheduled Tribes who have passed the basic qualifying degree are eligible to apply irrespective of the marks/CGPI and will be considered for admission.

For M. Tech. –Ph. D. dual degree: The applicant must have a valid GATE score card in the relevant branch of engineering viz. Electronics Engineering, Computer Science, Information Technology etc., bachelor's degree in engineering or a master's degree in science with marks/CGPI not below the specified minimum. For admission into M.Tech. (IT) programme with specialization in Bioinformatics, applicants having bachelor's degree in pharmacy/medicine with marks/CGPI not below the specified minimum may also be considered. The requirement of a GATE score is waived for M.B.B.S. degree holders.

For M. B. A. –Ph. D. dual degree: An applicant must have a valid CAT score and Bachelor's degree in Engineering with minimum 60%marks/7.0 CGPI or An applicant with valid CAT score and M. Sc. (Operations Research, Computer Science, Information Technology, Statistics, Mathematics, Physics)/ MCA with minimum 65% marks/7.5 CGPA.

For M. B. A. –Ph. D. dual degree: An applicant must be First Division Graduates in any discipline or equivalent (60 % marks/ 7.0 CGPI) with valid CAT Percentile Score.

For Regular Full Time Ph. D Programme:

Ph.D. in Engineering:

PhD Admission (entry after B.Tech)
- Only B.Tech. degree from an IIT/IIIT/NIT/Any other Premium Institute of repute with minimum of 75% marks/8.5 CGPI and with valid GATE score may also apply.

PhD Admission (entry after M.Tech)
- The candidate must have M.Tech./M.E. degree with minimum of 65% marks/7.5 CGPI and First division minimum of 65% marks/7.5 CGPI and First division in B.Tech. or equivalent degree with GATE score

- Ph. D. admission in Information Technology, Electronics & Communication Engineering Candidates must have B.Tech/M.Tech. or Equivalent Degree and with a GATE Score in the respective discipline.

- For Ph. D. admission in Bioinformatics and Applied Sciences, candidate must have either M. Tech. or M. Sc. (IT/CS/Bio-Tech./Bioinformatics/Life Science/Statistics/Mathematics/Physics) with valid GATE scores.

- It is mandatory that the candidate should have cleared GATE Score/CSIR/JRF/ICAR/DST/INSPIRE Fellowship examination to be eligible for institute scholarship
- Relaxation to reserved -category candidates is as per Government of India Rules.

Ph.D. in Sciences. : The applicant must have a master's degree in the relevant subject with a minimum of 65 percent marks/7.5 CGPI in the master's degree , first division in the bachelor's degree and UGC-CSIR NET JRF/LS/ GATE.

Ph.D. in Management:

An applicant with a master's degree in Management & Allied areas (like CA/CS/ICWA/M.Com.) or Science (Operations Research, Information Technology, Statistics, Mathematics, Physics) or Master's degree in engineering/technology, satisfying each of the following criteria:
- ➢ Minimum 60 % marks/ 7.0CGPI in the Master's Degree.
- ➢ Minimum 60 % marks/ 7.0CGPI in bachelor's degree in any discipline or equivalent.
- ➢ Valid CAT Score (two years from the date of test and valid on the date of submission of Ph.D. Application)/ CSIR NET-JRF/ UGC NET-JRF/GMAT/GATE (for M.Sc./M.Tech. applicants) Score."

Eligible candidates possessing the minimum educational qualifications as given above and satisfying additional and stiffer criteria set by the institute from time to time will be called for test/ interview. Based on the academic record and the performance of the candidates in the test and interview, the Selection Committee will recommend to the Chairman of the Senate the names of candidates found suitable for admission to the Ph.D. programme.

Admission to reserved-category candidates will be done as per Government of India Rules.

Applicants are required to apply online. Application fee is Rs. 500/- for General/OBC and Rs. 250/- for
SC/ST candidates. The payments are to be made through Netbanking to the following account:

Banking Details

1. Name of the Bank : Indian Overseas Bank
2. Bank Account Name : IIITA General AC
3. Bank Account Number : SB A/c. 0350 0100 00 60976
4. Branch Code : 0350
5. IFS Code : IOBA 0000350
6. Address of the Bank : Indian Overseas Bank, 61, M.G.Marg Civil Lines, Allahabad-350(U.P) Phone-0532-2408912,8479 Fax : 0532-2560754

The Receipt Number and transaction ID generated should be entered in the application form.
The printed online application form with two reference letters in the prescribed format along with all supporting documents and pdf receipt generated at the time of fees transfer must be sent latest by **15th April, 2016** for consideration during July – December semester and **October 31st, 2016** for consideration during January to July semester.

The application in hard copy needs to be send to:

The Chairman
Senate Post Graduate Committee
Indian Institute of Information Technology Allahabad
Devghat, Jhalwa, Allahabad (U.P.) - 211012

Admission Process for Rolling Admission:
An eligible candidate can apply by filling the online application form available at the Institute's website. The Ph. D. Cell will then evaluate the candidate's eligibility and credentials two times in a year normally in the months of May and November.

भारतीय सूचना प्रौद्योगिकी संस्थान इलाहाबाद

के प्रबन्धन मण्डल द्वारा

कुमार

को

डॉक्टर ऑफ फिलॉसफी

की उपाधि

समस्त सम्मानों विशेषाधिकारों व दायित्वों के साथ

नौ नवम्बर दो हजार पन्द्रह को प्रदान की गयी ।

Degree Format

THE BOARD OF MANAGEMENT
OF THE
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY ALLAHABAD

UPON THE RECOMMENDATION OF THE SENATE

HEREBY CONFERS ON

KUMAR

THE DEGREE OF

DOCTOR OF PHILOSOPHY

WITH ALL HONOURS PRIVILEGES AND OBLIGATIONS

THEREUNTO PERTAINING

GIVEN AT ALLAHABAD ON THIS NINTH DAY OF NOVEMBER

TWO THOUSAND FIFTEEN.

(सोमनाथ बिश्वास)

(Somenath Biswas)

अध्यक्ष, अभिषद एवं प्रबन्धन मण्डल

Chairman, Senate & Board of Management

भारतीय सूचना प्रौद्योगिकी संस्थान इलाहाबाद

के प्रबन्धन मण्डल द्वारा

कुमार

को

डॉक्टर ऑफ फिलॉसफी

की उपाधि

समस्त सम्मानों विशेषाधिकारों व दायित्वों के साथ

नौ नवम्बर दो हजार पन्द्रह को प्रदान की गयी ।

Degree Format

THE BOARD OF ~~MANAGEMENT~~ **Governors**

OF THE

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY ALLAHABAD

UPON THE RECOMMENDATION OF THE SENATE

HEREBY CONFERS ON

KUMAR

THE DEGREE OF

DOCTOR OF PHILOSOPHY

WITH ALL HONOURS PRIVILEGES AND OBLIGATIONS

THEREUNTO PERTAINING

Thesis Titel: *Thesis Title in English…..*

GIVEN AT ALLAHABAD ON THIS NINTH DAY OF NOVEMBER

TWO THOUSAND FIFTEEN.

Gap to be increased by reducing the gap above to accommodate 3 lines for Theisi Title…..

(सोमनाथ बिश्वास)

(Somenath Biswas)

अध्यक्ष, अभिषद एवं प्रबन्धन मण्डल

Chairman, Senate & Board of Management

List of students for extension of Scholarship

Some PhD Students have been granted extension of scholarship by competent authority (approval attached) as follows:

S.No.	Reg. No.	Name	Date of Joining	Dt. Of completion of 04 years	Date till which extension is granted
1.	RS-96	Nidhi Kushwaha	06/11/2011	05/11/2015	Extension granted for 06 months i.e. till 05/05/2016
2.	RS- 108	Kalpana Singh	05/11/2011	04/11/2015	Extension granted for 01 year i.e. till 04/11/2016
3.	RS -118	Gajendra Sharma	19/11/2011	18/11/2015	Extension granted for 06 months i.e. till 18/05/2016
4.	RS -97	Bharat Singh	05/11/2011	04/11/2015	Extension granted for 06 months i.e. till 04/05/2016
5.	RS - 115	Neha Baranwal	09/11/2011	08/11/2015	Extension granted for 03 months i.e. till 08/02/2016
6.	RS- 107	Kamal Kr. Chaudhary	08/11/2011	07/11/2015	Extension granted for 06 months i.e. till 07/05/2016
7.	RS-120	Purav Parikh	10/11/2011	09/11/2015	Extension granted for 06 months i.e. till 09/05/2016
8.	RS-109	Piyush Kumar	01/12/2011	30/11/2015	Extension granted for 01 year i.e. till 30/11/2016

SPGC Chairman

CC: Approval Letters of all the students

Supervisors allotted

S.No.	Enrol, No,	Name	Date of Joining	Supervisor(s)
1.	RS-148	Swechcha Mishra	06/01/2014	Dr. Sangeeta Singh
2.	RS-177	Mahendra Shukla	20/8/2014	Dr. Neetish Purohit & Dr. Suneel Yadav
3.	RSS2015001	Rashmi Singh	1/7/2015	Dr. Pramod Kumar
4.	RSS2015002	Sonali Mishra	7/7/2015	Supervisor: Prof. Krishna Mishra & Co-supervisor Dr. Sangeeta Singh
5.	RSS2015003	Manoj Kr. Pal	7/7/2015	Dr. T. Lahiri
6.	RSI2015001	Vivek Kumar Singh	2/7/2015	Dr. Manish Kumar
7.	RSI2015002	Suvidha Tripathi	3/7/2015	Dr. Satish Kumar Singh
8.	RSI2015004	Abdul Momin	3/7/2015	Prof. S.Sanyal
9.	RSE2015002	Neha Mishra	9/7/2015	Dr. Amit Prabhakar
10.	RSE2016001	Ajay Kumar Tiwari	6/7/2015	Dr. Seema Awasthi
11.	RSE2016002	Himani Mishra	9/7/2015	Dr. Sitangshu Bhattacharya
12.	RSE2016003	Abhishek Kumar	08/1/2016	Dr. Neetish Purohit & Dr. Pooja Jain
13.	RSE2016004	Manoj Tolani	11/1/2016	Dr. Sunny Sharma
14.	RSE2016005	Nidhi Verma	11/1/2016	Dr. Neetish Purohit & Dr. Pooja Mishra
15.	RSE2016006	Soumit S.Chaudhury	12/1/2016	Dr. Seema Awasthi
16.	RSI2016001	Vaibhav Malviya	13/1/2016	Dr. Rahul Kala
17.	RSI2016002	Vandana Kushwaha	20/1/2016	Prof. G.C.Nandi
18.	RSI2016003	Nayaneesh Kr Mishra	14/1/2016	Prof. Anupam Agarwal
19.	RSI2016004	Ajit Singh	15/1/2016	Dr. Pavan Chakraborty
20.	RSI2016005	Anamika Jain	18/1/2016	Dr. Satish Kr. Singh & Dr. K.P.Singh
21.	RSI2016006	Abhishek	19/1/2016	Prof. Shekhar Verma