

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, ALLAHABAD

Minutes of the Fourth Meeting of IIIT-A Senate held on 22.06.2016

The meeting was held in the Board Room of the Admin. Block of IIIT-A, Jhalwa, Allahabad from 10:30AM onwards. The members in attendance were as follows:

Prof. Somenath Biswas	Chairperson
Prof. Harish Karnick	Member
Prof. G.C.Nandi	Member
Prof. Sudip Sanyal	Member
Dr. Tapobrata Lahiri	Member
Dr. Shekher Verma	Member
Dr. Neetesh Purohit	Member
Dr. Madhvendra Mishra	Member
Dr. B.S.Sanjeev	Acting Secretary
Dr. Pavan Chakraborty	Special Invitee
Mr. Utkarsh Raj	Gymkhana Representative
Mr. Ankit Gupta	Gymkhana Representative
Mr. Rakesh Kumar	Gymkhana Representative

The Chairman, Senate, welcomed the members present. The following were the issues/resolutions of various agenda items placed in the Senate meeting.

Agenda Item #1: To receive the Minutes of the Third Meeting of IIIT-A Senate held on 17.10.2015

The Minutes of the Third Meeting of IIIT-A Senate held on October 17, 2015 were perused by the Senate (Ann. 1.1). No comments were received from any member. The Minutes may therefore be confirmed.

The minutes were approved noting that a correction to one of the points minuted regarding MHRD GO F.No.17-2/2014-T.S.-1 was being taken up as an agenda item.

Agenda Item #2: To receive the Action Taken Report on the Minutes of the Third Meeting of IIIT-A Senate held on October 17, 2015

On the basis of recommendations made by the Senate in its Third Meeting of IIIT-A Senate, action was taken on the various resolutions.

The Action Taken Report on the Minutes of the Third Meeting of IIIT-A Senate held on October 17, 2015 is placed at Ann. 2.1 for perusal and comments of the Hon'ble Members.

The ATR was approved with the following modifications:

- In Agenda Item No. 6 ("strengthening of research") of ATR of 3rd Senate, "SUGC" was corrected as "SPGC".
- Agenda Item No. 7 ("encourage entrepreneurship") was decided to be taken up as a separate agenda item, and has been listed under Agenda Item #31.1.
- Agenda Item No. 10 ("external review of Dept. of IT") being taken up as a separate agenda item in the current meeting.

- d. Dean (Acad) was requested to send a proposal on Agenda Item No. S.2 ("UG extracurricular activities").

Agenda Item #3: To consider student appeals

- a. **To consider and approve leave for Mr. Anujraaj Goyal (by Dr. B.S.Sanjeev)**
Mr. Anujraaj Goyal (IIM2014002) submitted documents to show that due to illness he could not meet the attendance requirements in *Principles of Communication* (EPOC432C). He requested approval of leave by which he would be able to meet the minimum attendance requirements. He claimed that he did not submit his leave application within time limit as he was not aware of the rule. Following this request to the Chairman (Senate), SUGC was asked to place the issue for the consideration of Senate as an appeal.

After examining the issue and relevant documents, SUGC recommends that his leave be approved allowing him to obtain minimum attendance in the aforementioned course.

Hon'ble Members of the Senate may like to consider the appeal of the student.

- b. **To consider requests of students to consider the back paper exams as end semester exams as they suffered illness (by Dr. B.S.Sanjeev)**

- i. Mr. Akhilesh Soni (IEC2015033) was diagnosed with chickenpox on April 29, 2016. He then left for home for isolation and medical attention thereby missing his end semester examinations that began a week later. The SUGC agrees with the recommendation of the HoD (ECE) that the concerned student's back paper examination be considered as his end semester exam.
- ii. Mr. Soumik Chatterjee (IIT2015065) was also unable to attend the end semester exams due to chickenpox. SUGC recommends that his request for consideration in back paper examination as end sem. exam. may be accepted.
- iii. Mr. Ravi Shankar Mehta (IEC2014087) missed the end-semester exams due to severe illness that required surgery. The SUGC agrees with the recommendation of the HoD (ECE) that he be allowed to appear in back paper exams which should be treated as his end semester exams.
- iv. Mr. Irfan Irshad (IBM2014002) could not attend mandatory (50%) of classes. He appealed for leniency considering his medical condition by approving leave of 65 days. The SUGC places his appeal in Senate for consideration. The SUGC concurs with the HoD's recommendations that:
 - a. 65 days of leave is too long.
 - b. The student appeared in the end semester exams provisionally. The student may be asked to repeat all the courses with short attendance.
 - c. The student may not be allowed to register till his declared medically fit by a psychiatrist nominated by CMO of the Institute.
- v. The students whose attendance was corrected based on approved leave were removed from the short attendance list.

Hon'ble Members of the Senate may like to consider the request of the students.

- c. **To consider request for rescheduling of end-semester examination of Ms. Ankita Gupta of M.Tech. in IT (by Dr. T.Lahiri)**

The student Ms. Ankita Gupta of M.Tech. in IT (Spln. in Bioinformatics) of batch 2015-17 could not appear for her end-semester examination except 1 paper due to her illness. She has appealed to consider rescheduling of her examinations attached herewith as (Ann. 3.c).

The Hon'ble Members of the Senate may like to consider her request.

- a. The recommendation of SUGC was accepted for Agenda Item #3a.
- b. Recommendations under Agenda Items under #3b and #3c excluding the case of Mr. Irshad (#3b.iv) were accepted. The principle of allowing students on medical grounds being allowed to give Back Paper as end

semester exam was accepted. Such exams shall be referred as *make-up exams*. Consequently, the concerned students are permitted to give Back Paper exams as make-up exams based on the SUGC recommendations.

- c. Following discussion on such medical issues the Senate decided that in future SUGC/SPGC may be empowered to allow makeup exams for students. However, the SUGC was asked to prepare a policy note regarding the same. The SUGC was also asked to consider the issue of students who shall be having such issues during an odd semester, creating issues related to prerequisites.
- d. As for Agenda Item #3b.iv:
 - i. The Senate decided that the student should repeat the papers with short attendance.
 - ii. The Senate agreed to the recommendation that the student be allowed to register only upon being declared medically fit by the psychiatrist nominated by the Institute's CMO.
 - iii. However, regarding the first observation (65 days being too long for medical leave), the Senate has directed the DR (Acad) to send periodic emails to students so that they are made aware of important rules. Dean (Acad) may communicate the decision to DR (Acad).

Agenda Item #4: To consider & decide on the issue of students with short attendance (by Dr. B.S. Sanjeev)

DUGC (IT) and DUGC (ECE) submitted list of students with less than 50% attendance. Members agreed that the concerned UG students be provisionally allowed to appear in the end semester examination, pending Senate approval. These UG students were requested to approach the concerned DUGC for redressal on or before May 19, 2016. The list of students whose attendance are below 50% are as at (Ann. 4.1). SUGC recommends that students with short attendance may be asked to repeat the concerned courses as stated in the UG Manual.

The Hon'ble Members of the Senate may like to take decision on the issue.

The students with short attendance should repeat the courses to clear the withheld components (Theory/Lab/Both) only. Consequently, components listed under short attendance of any course cannot be cleared through Back Paper exams. The only students exempted are those whose appeals were accepted under Agenda Item #3. The Senate also asked that the list submitted be updated on the following lines for all the courses listed:

- a. The total number of classes should be mentioned.
- b. Percentage of attendance should be mentioned.
- c. The list of all faculties should be mentioned for every course that is shared so that it is ensured that only partial data on attendance was not provided. The DUGC Chairmen (HoDs of ECE and IT) assured the Senate that information regarding attendance as shown was of complete set of lectures and assured that the details being sought shall be provided.

Agenda Item #5: To consider and decide the case of Mr. Suraj Kumar Tiwari (IBM2012019) of non-deposition of fees (by Dr. B.S. Sanjeev)

As per the direction from Dean(Acad.), the result of Mr. Suraj Kumar Tiwari has been withheld due to non-deposition of fee. The issue is now being brought forward to the Senate for further action as was recommended. (Ann. 5.1) the details of the matter shall be presented by Dean (Acad.) in the meeting.

The Hon'ble Members of the Senate may like to take decision in the matter.

Senate resolved that a Sub-Committee to be headed by Dean (Acad) shall look into the issues and cases related to fees, including the case of Mr. Suraj Kumar Tiwari. The Committee Chairman shall nominate members and will submit the Committee's recommendations to the Senate.

Agenda Item #6: To consider the issue of the date of declaration of results for students who are permitted to appear in back exams as their end semester exams of the Institute (by Dr. B.S.Sanjeev)

If and when the appeals such as above are approved by Senate, the resulting grade sheet for the semester may show the date of declaration of result as the date of the last end semester exam given, including any exceptions as mentioned above.

The Hon'ble Members of the Senate may like to take decision in the matter.

The Senate approved grade sheet reflecting the declaration date as the last declaration date of any result listed in the grade sheet.

Agenda Item #7: To consider the request for introduction of E-grade and clarity related to policy towards prerequisites (by Dr. B.S.Sanjeev)

Currently, a student with F-grade in some subject, say X_1 , is not allowed to register to another subject, say X_2 , if X_1 is a prerequisite for X_2 . The concept of E-grade was considered to benefit such *failed* students who have *adequate exposure* to X_1 so that they may register for X_2 . As far as X_1 is considered, the student with E-grade is equivalent to the student with F-grade. The only distinction between E-grade and F-grade is the difference in terms of qualification to register for any subject that has X_1 as a prerequisite. The SUGC recommends that the following criteria may be used to distinguish the students who are unable to obtain a passing grade into E and F grades:

- To obtain an E-grade, a student must obtain at least 25% of maximum marks obtained by any student when only the mid-semester and end-semester marks are considered for all students in the concerned subject. The student who fails to obtain even E-grade shall be awarded F grade. For example, if in a subject the highest marks obtained by any student considering only mid- and end-semesters are 80 out of 105 for a 3-credit course, to obtain an E-grade instead of an F-grade a student must obtain corresponding marks of at least 20.
- Except in case of lab-only subjects or stated explicitly otherwise in the course structure, the prerequisites should refer only to the theory grades of the results.

The Hon'ble Members of the Senate may like to consider introducing the above policy.

After considering the proposal and various points of view, the following decisions were approved:

- The proposal of E-grade was accepted as proposed. The cutoff for E-grade was decided to be 75% of marks required to acquire the lowest passing grade (currently D). This cutoff cannot be lowered any further. Hence, if 40 marks are required to pass a course, to obtain E-grade a student must obtain 30 or more marks.
- Regarding #7.ii, it was resolved that within seven days (ie, by June 29, 2016), any change(s) in the requirements in relation to any one or two components (among theory and lab) for various courses may be made by the concerned departments. This information should be communicated to students by June 30, 2016 for completion of due process, failing which, the default policy stands. The default policy related to prerequisites is as follows for two courses where X is a prerequisite for Y:

	X (Theory only)	X (Lab only)	X (Theory + Lab)
Y (Theory only)	X (Theory)	X (Lab)	X (Theory)
Y (Lab only)	X (Theory)	X (Lab)	X (Lab)
Y (Theory + Lab)	X (Theory)	X (Lab)	X (Theory + Lab)

- c. The issue of composite grades was discussed. It was decided that all the departments should provide recommendation based on the inputs from the faculty. The recommendations may be submitted in the next Senate meeting.
- d. It was also noted that grades may change in the current semester after the copies are shown to students. It was resolved that if a student moves from F-grade to a passing grade later but still gives the Back Exam due to this uncertainty, the redundant back exam should be considered annulled.
- e. The faculty should be asked to submit the updated grades incorporating E grade policy so that the information may be used for the upcoming semester's academic registration process.

Agenda Item #8: To consider expansion of SUGC of the Institute (by Dr. B.S.Sanjeev)

Given that the vast majority of the students are undergraduates, it was felt that SUGC may be expanded to have wider inputs and representation. After extensive discussion, SUGC recommends that the following additional members may be included in SUGC:

1. Deputy Registrar (Acad) – Secretary. The role of a member secretary shall be to prepare agenda and minute the proceedings of the SUGC meetings.
2. Chairman SPGC – Special Invitee

The Hon'ble Members of the Senate may like to consider and approve the same.

The Senate accepted the request for the expansion of the SUGC. The decisions made were as follows:

- a. DR (Acad) shall be Secretary for SUGC as well as for SPGC. The Secretary shall prepare the agenda and minutes the discussions.
- b. Chairman SPGC shall be a special invitee for SUGC, while Chairman SUGC shall be the same for SPGC.
- c. Dr. Abdullah bin Abu Baker, Assistant Professor in Department of Applied Sciences, shall be the Senate nominee for SUGC.

Agenda Item #9: To consider the issues pertaining to final semester project for B.Tech. (IT) students (by Dr. B.S.Sanjeev)

B.Tech (IT) had its final semester as a project semester where students were allowed to pursue internship elsewhere. However, beginning this academic year the pure project semester is being discontinued. Following this, the concerned students approached DUGC (IT) requesting to allow 8th semester as a project semester as was the earlier practice. The arguments put forth favouring project semester were as follows:

- a. Provides industrial exposure
- b. Startups companies offer job based on internships
- c. Many times internship gets converted to a job
- d. Students did not apply for summer internship this year due to lack of awareness

Based on the request from the students as well as DUGC (IT), SUGC requests the Hon'ble Members of the Senate to discuss the issue.

The item was taken along with item Agenda Item #27 ("modified course structures for UG").

Agenda Item #10: To consider introduction of Flexible courses for B.Tech. (ECE) programme of the Institute (by Dr. B.S.Sanjeev)

The SUGC considered the proposal of ECE Department (Ann. 10.i) regarding introduction of flexible courses. The points (a)-(d) mentioned in the document may be approved by the Senate. However, the following modifications are proposed by the SUGC:

882a

882

S. Lim

- a. Based on the recommendation of the faculty coordinator of the concerned subject, the 3 credits of the subject may be divided among theory and practical components.
- b. The SUGC may approve the course content based on the recommendation of various DUGCs.
- c. These courses may also be allowed as overload courses based on the criteria that should be made available by the concerned DUGC before the commencement of course registration.
- d. The subject code should be consistent with the current coding system.

The Hon'ble Members of the Senate may like to consider and approve the same.

The members felt that the term 'flexible courses' was not appropriate. However, the need for Humanities and Social Sciences (HSS) courses was appreciated. The current composition in UG courses, where the HSS courses are hardwired, was felt inadequate. It was agreed that the course structure may specify compulsory and optional HSS courses. Some of these courses may be conducted by visiting/guest faculty. It was also felt that several such courses, including NCC/MOOC/etc may be floated during summer vacations. Credits for some or all of these courses may/may not be included in the calculation of CGPI. SUGC was asked to look into the issue to put up a proposal after deliberations and studying the practice in a few top Universities/Institutes in India and abroad.

Agenda Item #11: To consider issues related to GIAN courses

- a. To consider and approve the modalities for GIAN courses to be conducted by IIIT-Allahabad

At the behest of MHRD, Institute has been requested to consider conducting of GIAN courses at the Institute. GIAN, a MHRD Scheme on Global Initiative on Academic Network of MHRD.

For the purpose, Dr. Satish Kumar Singh, Assistant Professor of the Institute has been identified as the local Coordinator for conduct of GIAN courses at the Institute. The detailed proposal as received from Dr. Satish Kumar Singh in this respect is as annexed at Ann. 11.1.

Against the same backdrop, Hon'ble Members of the Senate may kindly like to consider and approve as follows:

- i. Approve the four GIAN courses as named in the proposal for the targeted audience, for 2 credit hours' each.
- ii. Flexibility to assign the prescribed contact hours for each course, subject to a minimum of 20 contact hours per course and maximum of 40 contact hours; depending upon the host and the visiting faculty.
- iii. Approval for award of certificates of the said courses, subsequent to the examination and evaluation scheme of GIAN.
- iv. Suitable mechanism for promoting GIAN Courses amongst Institute students viz. reflection of credits earned in transcript, etc.

The Hon'ble Members of the Senate may like to consider and approve the same.

- b. To consider and approve Credits for the GIAN courses to be conducted by IIIT-Allahabad (by Dr. Pavan Chakraborty)

Mini courses on allotted areas would be conducted by IIIT Allahabad. IIITA students registered for this course will obtain credits which will be reflected in their transcript/ grade card. This course however will not be mandatory for degree requirements. The credits will be in addition to the normal credits of the course the student is in.

The Hon'ble Members of the Senate may like to consider and approve the same.

It was felt that, as also in case of Agenda Item #10, the grades may be considered to be given in a separate Grade Sheet, while the transcript itself may not reflect such grades. It was also observed that various external programmes may or may not provide grades in the format as recognized by the Institute. Considering the fact that failure a registered course may create various complications, the Senate asked SUGC to provide input incorporating student feedback on the issue.

Agenda Item #12: To change the eligibility criteria for MBA/MBA-Ph.D. (Dual Degree from next batch (Batch 2017) onwards

The 6th DPGC of the Department of Management Studies held on 10.5.2016 resolved, Minutes of the meeting are placed at **Ann. 12.1**, that the criteria for MBA/MBA-Ph.D. (Dual Degree) may be changed from next batch (Batch 2017) onwards from the present criteria:

"Graduates (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) with valid CAT Percentile Score are only eligible for consideration".

to
"First Division Graduates in any discipline or equivalent (60% marks/7.0 CGPI) with valid CAT Percentile Score are only eligible for consideration".

Recommendation from SPGC is awaited. (Shall be **Ann. 12.2**)

Hon'ble Members of the Senate may like to consider and approve the same.

HoD (MS) explained the relevant issues to the members of the Senate, emphasizing the need for increase of breadth of student intake. The Senate returned the proposal to the Department requesting further elaboration. The Senate asked if the proposal would change the fundamental nature of the programmes, if so, is that desirable. The HoD assured the Senate that the proposal was submitted only after extensive deliberations. He agreed to the request of the Senate of submitting an updated proposal considering various issues such as Dual Degree students entering the PG phase. (**Ann. 12.2** was not submitted by SPGC.)

Agenda Item #13: To consider the License Agreement Proposal dated 22.1.2016 between IIIT-A and Invention Development Management Company

A proposal in this respect is as hereunder:

It is regarding "Intellectual Ventures", and any possible IIITA "license agreement" with them. Few of the key-points of the license agreements are as follows:

- a. During the Term, the Solution Reports (by Licensor), submitted from IIITA will be reviewed (by Intellectual Ventures) and for the Selected Solution Reports, Licensee (Intellectual Ventures) will pay all amounts incurred in connection with the filing, prosecution, maintenance, defence, and enforcement of Patent Applications and Patents.
- b. Additionally, Licensee (Intellectual Ventures) will also pay Licensor \$13,000 if a Patent Application is filed by Licensee or its affiliates claiming the subject matter of each Selected Solution Report.
- c. Even after signing the agreement (by IIITA), choice of submission of any Solution Reports will depend on the inventor and he may opt for other existing route for submitting the solution report (i.e. IIITA inventor can stay away from the Intellectual Ventures).
- d. However, after officially submitting the report to Intellectual Ventures he will have to abide by the terms and condition of Intellectual Ventures and may not withdraw his submission; as because after the submission, Intellectual Ventures will be involved in all expenditure related to the patenting process.
- e. Other details are given in licence agreement and its addendum attached at **Ann. 13.1**.

In many IITs and NITs the *license agreement* with *Intellectual Ventures* is running very smoothly, and for any queries *Intellectual Ventures* are easily available for us. It is an excellent opportunity for (IIITA) to expedite the extremely slow patenting process for IIITA *invention disclosures*.

The Hon'ble Members of the Senate may like to consider and approve the same.

The Senate referred the agreement for legal opinion. The Senate also wanted to know that in case of a dispute, if the Institute shall have any liabilities.

Agenda Item #14: To consider and approve the Academic Calendar for 2016-17-I semester (by Prof. G.C.Nandi)
The tentative Academic Calendar for 2016-17-I semester is placed at Ann. 14.1 for kind consideration and approval of the Hon'ble Members of the Senate.

The Hon'ble Members of the Senate may like to approve and consider the same.

The Academic Calendar was approved with the following modifications:

- a. The duration of back paper examinations should be July 1-21, 2016 instead of July 1-20, 2016.
- b. Regarding Academic Registration & Fee Deposition, the dates should include MBA along with M.Tech programmes.
- c. The Title should be corrected as "July-Dec: 2016" instead of "July-Dec: 2017".
- d. The Senate, considering very short winter break, agreed to the proposal that faculty may leave campus earlier than Dec 25, 2016, subject to submission of the concerned grades.

Agenda Item #15: To consider inclusion of topics/classes on gender sensitization and prevention of sexual harassment" in institutional courses.

Institute has been receiving communications from MHRD requesting as follows:

"UGC, AICTE, other Institutions under Technical Education Bureau etc., should invariably include topics/classes on gender sensitization and prevention on sexual harassment".

The correspondence received from Ministry in this respect is also annexed herewith as at Ann. 15.1 for kind appraisal of the members.

Hon'ble Members of the Senate may kindly like to decide the modalities for the same.

Senate approved the proposal and referred the matter to Dean (Acad) work on the modalities.

Agenda Item #16: To approve one point reference for Program-wise *Curriculum Brochure* prepared on the basis of inputs received from the respective Heads of all the Departments (by Dr. B.S.Sanjeev)

Due to long standing demands from students and faculty, a one-stop up-to-date curriculum for each admitted batch of students for every program is being compiled as *Curriculum Brochure*. The Brochure is prepared based on the inputs received from the respective Heads of the Department and the Exam. Cell. Approval for such a document is requested from Senate. The document may be placed on the Institute website for information of all concerned. (Shall be Ann. 16)

Any changes in the curricula may be considered to be accepted once they are updated in the brochure after following due procedure.

888

888

S. Sanjeev

The Hon'ble Members of the Senate may like to consider and approve the same.

The Senate approved usage of *Curriculum Brochure* in the submitted format as requested. However, up on the request of Dean (Acad) and Incharge Exam. Cell, the Senate authorized Chairman (Senate) to implement corrections to the submitted brochure to address any errors. It was agreed that the last step in the due process of corrections/modifications/updating curriculum should be updating the brochure on the website itself. This is necessary to prevent conflicting course structures available with various sections of the Institute, including faculty, students and various offices.

Agenda Item #17: To make agenda and minutes of Senate available on Institute's intranet (by Dr. B.S.Sanjeev)

Senate decisions are binding academically and the minutes are source of reference for matters related to academic matters. For the convenience of students, faculty and Exam. Cell, it is requested that the approved Senate minutes as well as agenda may be displayed on the Institute's intranet.

The Hon'ble Members of the Senate may like to consider and approve the same.

The request to make the minutes of Senate meetings available on the intranet was approved. Minutes of Senate meetings, beginning from the current meeting, shall be made available on the intranet of the Institute.

Agenda Item #18: To consider procedure to be followed towards the implementation of course registration (by Dr. B.S.Sanjeev)

The Exam. Cell requests Hon'ble Members of the Senate to resolve the following issues:

- a. The competent authority who communicates the information related to students registered for various courses.
- b. The last date of submitting any modifications to the above list.

The Hon'ble Members of the Senate may like to consider and approve the same.

The Senate resolved the submitted issues as follows:

- a. The Senate authorized DR (Acad), working under the purview of Dean (Acad), to be the competent authority to communicate the details of students registering for various courses.
- b. Student registrations cannot be modified after the last date of add/drop as mentioned in the academic calendar or after 2 weeks into the semester, whichever is later.

Agenda Item #19: To report details of SUGC Meetings held after the 3rd Senate Meeting (by Dr. B.S.Sanjeev)

3rd through 7th SUGC Meetings were held after the 3rd Senate Meeting. The minutes of these SUGC meetings are attached for record. (Ann. 19.1)

The Hon'ble Members of the Senate may like to consider and approve the same.

The Senate noted the minutes submitted by SUGC. HoD (ECE) explained the details of awarding best student and best project awards. The Senate appreciated the initiative taken by the ECE Department.

Agenda Item #20: To approve the result summary of July - December 2015 Academic Session (by Dr. B.S.Sanjeev)

The result summary of July-December 2015 academic session is attached herewith for consideration and approval. (Ann. 20.1).

8880

885

S. Sanjeev

The Hon'ble Members of the Senate may like to consider and approve the same.

The Senate was presented with the result summary of July-December 2015 academic session, noting that the summary reflects results of all courses except for M.Tech and Dual Degree M.Tech-PhD. The Senate members enquired as to the reason as to 'F' grades being written sometimes as a sum. The policy of F(ab) was explained. HoD (ECE) and Incharge (Exam. Cell) requested members to peruse the summary. The Senate approved the summary presented.

Agenda Item #21: To consider acceptance of Prof. R. Sankaramakrishnan, a well known expert in the field of Bioinformatics, to be an Adjunct Faculty in the Dept. of Applied Science (by Dr. T.Lahiri)

It is a matter of pleasure that Prof. R.Sankaramakrishnan, a well known expert in the field of Bioinformatics has kindly agreed to be an Adjunct Faculty of Department of Applied Science against a request for the same (Attached herewith as Ann. 21 i) and his Curriculum Vitae as Ann. 21 ii).

The Hon'ble Members of the Senate may like to consider the candidature of Prof. R.Sankaramakrishnan for the post of an Adjunct Professor at Department of Applied Science of the Institute for a period of 1 year.

The Hon'ble Members of the Senate may like to consider and approve the same.

The HoD (AS) explained the background and rational for requesting the appointment of Prof. R. Sankaramakrishnan as an Adjunct Faculty in the Dept. of Applied Sciences. The members appreciated the initiative approving the choice of the faculty. The Senate asked the department to work on ways to benefit from the experience and expertise of Adjunct Faculty.

Agenda Item #22: To discuss and approve the restructuring the M.Tech. and Dual Degree M.Tech.-Ph.D. programmes offered by the ECE department w.e.f. Session 2017-18 (by Dr. Pavan Chakraborty)

This agenda was placed to the chairman SPGC by the department of ECE. It has been circulated to the other members of the SPGC with the 2 additional points (d and e) from the chairman SPGC. Senate may approve the points (a), (b), (c), (d) and (e).

The department used to take 42 students till 2012 in the courses M. Tech. (MI) and M. Tech. (CE). There after the changes done by Academic Council/Senate in various M.Tech. programmes (running by ECE as well as IT dept) along with admission statistics are mentioned at (Ann. 22.1).

The matter was discussed at length in the meeting of the department's faculty members and following changes are proposed to be made in M.Tech. and M.Tech.-PhD programmes offered by the ECE department w.e.f. the session 2017-18:

- a. The institute would discontinue M.Tech.(MI) and Dual-Degree M.Tech.(MI)-PhD programmes.
- b. Instead, the institute would start M.Tech.(ECE) programme in accordance with the guidelines as placed at (Ann. 22.2).
- c. The intake of the programme in (b) should be 42 students. As detailed out at (Ann. 22.2 above), after 1st semester these students will be divided into 3 streams viz 'Communication and Signal Processing', 'RF and Microwave' and 'Microelectronics and VLSI'
- d. Provision to redistribute/ divide into multiple streams instead of 3 depending upon the specialization of the faculty/M.Tech Thesis supervisor may like to offer depending on his/her expertise.
- e. Dual-Degree M.Tech.-PhD from ECE department will be offered to the students who would like to continue for the Ph.D. Programme. This request has to be made by the student before the completion of his 2nd semester. The department, on the performance of the student will allow the transfer.

The Hon'ble Members of the Senate may like to consider and approve the same.

After a lengthy discussion the issues raised were resolved as follows:

- a. The Senate approved to discontinue M.Tech (MI) and Dual-Degree M.Tech (MI)-PhD programmes *in lieu* of starting an M.Tech (ECE) programme as requested. The intake under Dual-Degree PhD (4 students) are to be transferred to the M.Tech (ECE) programme.
- b. The Senate recommends BoG to increase the intake in M.Tech programme in Department of ECE from the current 12 to 20. Thus, M.Tech (ECE) from session beginning from 2017 should have a net intake of 24 per year, with 4 additional coming from the discontinued Dual Degree PhD programme.
- c. Subsequent to approval of #22b, the total intake to M.Tech in ECE Department may be adjusted to reflect the increase in PG students available through dual-degree programme B.Tech (ECE)-M.Tech (MI) in ECE.
- d. The Senate agrees with the recommendation that the students may be allowed to pursue the areas of specialization after joining the programme based on the policy stated.
- e. However, on the matter of reflecting specialization on the degree, the Senate felt that there could be a case of too many specializations and requested the Department to reconsider the issue.

Agenda Item #23: To consider and approve the Ph.D admission advertisement & brochure to be placed on the website (by Dr. Pavan Chakraborty)

The advertisement of all the departments has been finalized keeping in mind the GO and the PG manual as approved by the academic council. This is placed for further suggestions and ratification. (Ann. 23.1).

The Hon'ble Members of the Senate may like to consider and approve the same.

The Senate appreciated and noted the efforts of Dr. Pavan Chakraborty in making of the brochure. The Senate asked him for updating the brochure and correcting any errors as and when they are found.

Agenda Item #24: To consider modality for appointment of External Supervisor for the PhD Students. (PG manual- Point 11.1 page 24.) (by Dr. Pavan Chakraborty)

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. A detailed CV of the external supervisor will also be submitted. Then DPGC, after carefully scrutinizing the application will approve it, subject to being reported to and accepted by the SPGC.

The Hon'ble Members of the Senate may like to consider and approve the same.

The Senate felt that the PG manual adequately addresses the issue. However, if necessary, framing of any further guidelines will be considered by the Senate.

Agenda Item #25: To consider suggestions/ modification in course structure as given by the department of Applied Science and as noted by SPGC (by Dr. Pavan Chakraborty)

The following are the suggestions/modifications: (Ann. 25.1)

- a. New Syllabus for 2 year M.Tech. in BME
- b. Syllabus for 2 year M.Tech. in BI
- c. Syllabus for the subject Engineering Biology
- d. Syllabus for the subject Bioinformatics (Elective in VII Semester of B.Tech. IT)

e. Course structure for dual M.Tech. degrees in BME and BI (Ann. 25.1 & Ann. 25.2)

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. ECE-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 Hon'ble Members of the Senate may like to consider and approve the same.

The Senate made the following resolutions:

- a. Regarding #25a, considering that 45 students of 2014 dual degree admission would reach PG beginning 2017, the Senate recommends the BoG starting M.Tech (BME) with an intake of 5.
- b. The Senate approved the proposals listed under #25 related to course structures and syllabi upon the recommendation of SPGC. However, the credit structure shall be 3+1 (theory+lab) and not 3+2 as mentioned in Ann. 25.1, consistent with Ann. 25.2.
- c. Two corrections to the course structure of M. Tech (B) (p. 251, Ann. 25.2) were pointed by HoD (AS). Firstly, the 1st semester of M.Tech (BI) does not contain IAAP113C, and secondly, the details related to titles and syllabi of the courses mentioned should be read as mentioned in Ann. 25.1 (as a few errors were noted). The proposed changes were accepted.

Agenda Item #26: To consider approval of modified PG Course Structures along with Dual Degree programme of the Institute (by Dr. Pavan Chakraborty)

The course structure of various PG courses along with the dual degree programmes is developed in consultation with all the departments for further approval in the senate. (Ann. 25.2)

The Hon'ble Members of the Senate may like to consider and approve the same.

The Senate accepted the SPGC recommendations (Ann 25.2 and Ann.25.3, where the latter prevails for PG programmes of Department of IT) for modifying PG course structures along with Dual Degree PhD programmes with the following modifications:

- a. Introducing "Mathematics for IT" in lieu of IPSP140C for PG programmes in Department of IT. The syllabus for this course will be decided by an empowered Sub-Committee to be headed by HoD (IT). The Chairman of this committee shall nominate the members.
- b. HoD (IT) shall communicate to the Senate through Chairman (Senate) the syllabus of this new course by July 3, 2016.
- c. The modified course structures will be effective from 2016-17 academic session onwards.
- d. The Senate noted that 10 credits weightage for the summer project in the course structure for the current Dual Degree M.Tech-PhD students is applicable for the earlier two batches as well (ie, for those who were admitted in 2014 and 2015).
- e. Based on feedback of a few members, it was noted that some typos/misprints exist in the modified course structures as presented in Ann. 25.2. These include Dual Degree programmes being referred to as Integrated

programmes and MBA programmes (PG as well as DD PhD) mentioning M.Tech (IT) (SE) instead of MBA in their course structures.

Agenda Item #27: To consider and approve the modified Course structure of B Tech (IT) and New Electives to be floated in the IT department (by Dr. Pavan Chakraborty)

The following course structure was discussed and approved by the IT department. It is placed for Senate approval. (Ann. 27.1)

All electives for 6th Semester (ELT-1 & ELT-2) will also be offered to the 8th semester. Students who have not taken a particular elective in the 6th semester can take them in their 8th semester. In such cases the code ELT-1 & ELT-2.

Recommendation from SUGC is awaited. (Shall be Ann. 27.2)

The Hon'ble Members of the Senate may like to consider and approve the same.

The following resolutions were made on the aforementioned issues based on the SUGC recommendations:

- The Senate deliberated in detail the pros and cons of altering the semester structures on 7th and 8th of B.Tech (IT). In the absence of student representation on the matter, Chairman (SUGC) argued on behalf of the students.
- The Senate agreed that while the student concerns related to project semesters may be realistic, based on the observations, recommendations of the department and the fact that the placement companies were already having been intimated of the non-intern structure of the curriculum, it was decided that the course structure related 7th and 8th of B. Tech (IT) be modified as follows starting from the batch admitted in 2013. However, the Senate assured the students that should the policy affect adversely the placements, the issue shall be reconsidered.

COURSE

SEMESTER 7 ISIM732C System Modeling and Simulation

MQR8720C Organizational Behaviour

IXXX730E Elective 1

IYYY730E Elective 2

IPRJ708P Mini Project

SEMESTER 8 IXXX820E Philosophy of Science or any course from HSS basket

IXXX830E Elective*

IPRJ814P Major Project

*The B.Tech (IT) students in their 8th semester shall choose an elective from the same basket that they chose in their 6th semester

- The Senate approved the other the other three recommendations of the SUGC along with the recommendation from HoD (ECE) that the 1st semester subject related communication skill in B.Tech (ECE) should be made the same as that of B.Tech (IT).

Agenda Item #28: To consider and approve provision of Qualifier (Comprehensive) Examination for Dual Degree M.Tech. / M.B.A.-Ph.D. and Ph.D. Programme of the Institute (by Dr. Pavan Chakraborty)

In the 3rd Meeting - Institute Advisory Committee held on 18th May, 2016, The Qualifier (Comprehensive) Examination for Dual Degree M.Tech. / M.B.A.-Ph.D. and Ph.D. Programme was discussed and finalized. It is placed for Senate approval. (Ann. 28.1)

The Hon'ble Members of the Senate may like to consider and approve the same.

The Senate approved the proposal and ratified the decisions taken by Chairman (Senate) due to urgency of cause. The Senate recommended the policy of scholarship may retrospectively be applied for relevant students admitted in 2014.

Agenda Item #29: To consider and approve brief modalities for Academic Registration process at the Institute (by Dr. Pavan Chakraborty)

In the 3rd Meeting - Institute Advisory Committee held on 18th May, 2016, Academic Registration discussed and finalized. It is placed for Senate approval.

The following was resolved:

- i. The details of date etc. shall be announced in the Academic Calendars.
- ii. The process of academic registration will be done by the respective DUGC/DPGCs of the departments.
- iii. The list of students registered in a particular course shall be created by SUGC/SPGC.
- iv. There shall be provision of add/drop to/from a course. There should be some cogent reason for the same. The add/drop shall be subject to
- v. Approval of the concerned faculty members
- vi. DUGC/DPGC approval; subject to number of seats and CGPI.

The Hon'ble Members of the Senate may like to consider and approve the same.

The Senate agreed that academic registration should be done. The details of the procedure were left to the approval of Chairman (Senate) and should be done in harmony with decision on Agenda Item #18.

Agenda Item #30: To consider the agenda points as received from SPGC, Department of IT and IAC for consideration (by Dr. Pavan Chakraborty)

The details of the following agenda points are as at (Ann. 30)

- i. Reporting of the Allocation /Change of Supervisor & completion of residency as per the approval of Chairman-SPGC (Ann. 30.i)
- ii. Adopting of MHRD GO F.No.17-2/2014-T.S.-1 dated 1st September, 2015 regarding the Scholarship of PhD students
- iii. Regarding making a course on Algorithm Analysis and Programming practice (AAP) as compulsory for Ph.D. Scholars from the Department of IT.
- iv. Regarding incorporating the title of the thesis in the PhD degree being awarded. (Ann. 30.iv)
- v. Regarding printing of final thesis
- vi. Regarding minor modification in course structure of MBA were noted by SPGC

Hon'ble Members of the Senate may kindly like to consider and approve the Agenda points & Notes from SPGC, Department of IT and IAC.

The Senate resolved the following:

- a. Approved SPGC recommendations on Agenda Items #30.i, #30.ii, #30.v and #30.vi.
- b. Regarding Agenda Item #30.iii, it was resolved that along with AAP, the new subject "Mathematics for IT" should be made mandatory to PhD programme in Department of IT. However, DPGC (IT) may waive off the requirement of these courses if the student, in the opinion of the DPGC, has adequate understanding of the contents of those courses.
- c. Regarding Agenda Items #30.iv, the Senate resolved that the title should not be printed on PhD degrees.

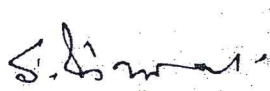
Agenda Item #31: Any other Item with the permission of the Chair

Agenda Item #31.1: ATR Agenda Item No. 7 ("encourage entrepreneurship")

The Senate resolved that the student who wishes to be placed in the ambit of encouragement of entrepreneurship, should, before the commencement of the penultimate semester (last but one), inform the Faculty In-charge (Placements) of the same. Such a student will not be permitted to appear in placements in the last one year of the programme. However, the student (now an alumnus) can avail the campus recruitment facility once, within the five years of finishing the programme. The Institute, in such case, makes no commitment towards providing hostel facility.

The meeting ended with Chairman thanking all the members present for attending and contributing in the meeting.


B.S. Sanjeev
Acting Secretary, Senate, IIIT-A


Somenath Biswas
Chairman, Senate, IIIT-A