

**Minutes of SENATE/2011-12/2nd Meeting held on March 24, 2012 at 12:00 p.m. in
the Conference Hall of the Institute.**

The SENATE/2011-12 /2nd meeting of the Senate was held on March 24, 2012 from 12:00 noon onwards in the Conference Hall of the PDPM IIITDM Jabalpur. Following members were present.

1.	Prof. Aparajita Ojha	Chairperson
2.	Dr. Tanuja Sheorey	Member
3.	Dr. V. K. Gupta	Member
4.	Dr. Pritee Khanna	Member
5.	Dr. Subir Singh Lamba	Member
6.	Dr. Mukesh Kumar Roy	Member
7.	Dr. P. K. Padhy	Member
8.	Prof. P. K. Jhinge	Member
9.	Prof. B. L. Mishra	Member
10.	Prof. Laxman Pandey	Member
11.	Col. (Retd.) P. S. Sandhu	Secretary

Following special invitees from among the members of academic staff of PDPM IIIT DM Jabalpur were also present.

1. Shri K. K. Balakrishnan
2. Dr. Prabir Mukhopadhyay
3. Mr. T. V. K. Gupta
4. Dr. Rajib Jha
5. Dr. Jawar Singh
6. Dr. R.K. Pandey

Following members expressed their inability to attend the meeting due to their prior commitments:

- (i) Prof. S. K. Choudhary (ii) Prof. Ashish Dutta (iii) Prof. Huzur Saran (iv) Shri S. Amane (v) Dr. Prakash Apte (vi) Prof. H. P. Dikshit (vii) Prof. P. C. Das (viii) Prof. R. Chatterjee (ix) Prof. Vinayak Eswaran (x) Prof. Phalguni Gupta (xi) Prof. Manoj Harbola (xii) Shri Awadhesh Parihar (xiii) (xiv) Prof. P. Krishna Reddy (xv) Prof. Puneet Tandon (xvi) Dr. Uday Khedkar (xvii) Dr. Sameer Khandekar

Dr. Bhupendra Gupta was absent from the meeting.



Senate/2011-12/2.01	Overview report of the Chairperson
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Director's Overview Report –

The Chairperson informed the Senate that a BOG meeting was held on February 24, 2012 to discuss the vision document of the Institute. The Vision document was prepared and presented to the Board where the Chairman and the BOG members gave some suggestions keeping in view the "Design and Manufacturing" theme of the Institute. The suggestions given by the members of BOG will be discussed with the faculty. She also informed the members of the following developments and achievements.

Prof. Puneet Tandon is nominated as the member of Board of Governors of MANIT, Bhopal.

Dr. Lokendra Balyan has authored a book jointly with Prof. Pravir Datt, IIT Kanpur on "Hp Spectral Element Methods for Elliptic Eigen Value Problems". The book is published by Lap Lambert Academic Publishing in 2012.

Design project "Pravaah - A Continuous Supply Hand pump" of two of our students Akshya Gautam and Gaurav Singh was listed in the Top Ten entries in world in the 2012 Extreme Redesign 3D Printing Challenge conducted by Stratasys.

Students have recently organized the Technical Festival "Abhikalpan 2012" which was well attended by students of engineering institutes and colleges from Jabalpur. The festival was held during March 16-18, 2012 and 37 events and five workshops were organized on the recent technologies and trends. Dr. Pavan Kankar who has recently taken charge as S&T counselor was the faculty mentor for the festival.

Students are organizing Cultural Festival "TARANG 2012" from March 22-25, 2012. The festival is rapidly gaining popularity among students from the central part of India. Recently appointed cultural counselor Dr. Lokendra Kumar Balyan is the faculty mentor for the festival.

A Japanese company Amada is presenting two state of the art machines to the Institute for bending and punching of sheet metal jobs. Their representatives have visited the Institute to discuss the modalities regarding installations of the machines.

Dr. Rajesh Kumar Pandey and Dr. Ashutosh Shrivastava have been granted fellowships "Indo-US Research Fellowship 2012".

Senate/2011-12/2.02	Confirmation of the minutes of the SENATE/2011-12/1st meeting held on January 21, 2012.
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The minutes of the SENATE/2011-12/1st meeting held on January 21, 2012 were confirmed with following modifications suggested by Prof. Khedkar (SENATE/2011-2012/2/Annexure I).

In para 3 of the Minutes of the Senate/2011-12/1st meeting under "Achievements" heading point No. 5 :-

For - "Vineet Singh (B.Tech 2006 batch) has joined for Ph.D. with Prof. Rajeev Gupta senior most professors of Computer Science and Engineering, at University of California".

Read - "Vineet Singh (B.Tech 2006 batch) has joined for Ph.D. with Prof. Rajeev Gupta one of the senior most researchers in compilers and architecture research, at University of California at Riverside".

Senate/2011-12/2.03	Suggestion for the names of Chief Guest and Date(s) for the Convocation 2012.
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The Senate recommended the tentative date of the Convocation 2012 between July 20-25, 2012. The following eminent persons were recommended for possible chief guest for the Convocation 2012.


- Dr. A. P. J. Abdul Kalam
- Mr. Sam Pitroda
- Mr. Adi Godrej
- Er. E. Sridharan
- Mr. Nandan Nilekhani
- Mr. Kumar mangalam Birla
- Mr. N R Narayan Murthy
- Mr T. V. Ramkrishann

Depending upon the availability of the Chief Guest the date for the Convocation 2012 will be finalized.

Senate/2011-12/2.04	Course structure for the UG programme (2010 batch onwards)
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The course structure for the UG programme (2010 batch onwards) was discussed in detail by the senate members. However, during discussion it was found that some modifications are required in courses and course numbers. The senate empowered to UGCS to finalize the course structure with course name and course number.

Senate/2011-12/2.05	Re-grading of the course IT 102
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 The course IT-102 B.Tech. second semester, 2010-11 batch of students was taught by an external expert with an internal instructor in charge. It was observed that grades were not awarded to students as per their performance. During the grading, the marks of one of the assessment of the course were not included during the final grading of the course. On the request of the students and faculty in-charge of the course, a committee was constituted to review the matter. After a careful review and long discussion on the grading of the course, the SENATE approved the re-gradation as per the following condition – Those students whose grades were improved after review, will be awarded

the improved grades. However, those students whose grades were lowered due to relative grading after the review, their initially awarded grades will be retained. The Senate advised that such cases should not be repeated in future.

Senate/2011-12/2.06	MOU with BRBRAITT Jabalpur for academic collaboration
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A draft MOU with the BRBRAITT Jabalpur for academic collaboration was considered by the Institute. The Chairperson, Senate informed that BRBRAITT has state of the art lab facility in the field of communication area. They also have experienced faculty who could contribute meaningfully in the teaching programme of the Institute. The Director informed the members that Board of Governors had also suggested establishing links with BRBRAITT and utilizing the facilities and expertise available in the city for the benefit of students and faculty. The draft MOU was approved in principle and it was suggested to take legal opinion before signing the MOU.

Senate/2011-12/2.07	MOU with Corporation Novosibirsk Institute of Program Systems, Russia.
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A draft MOU was discussed and it was found that the MOU is not with the Institute and is only with one of the departments of the Institute. It was decided to approach the Institute once again to have a fresh offer for the MOU which should be between the two Institutes. A legal opinion on the MOU should also be taken before concluding the MOU. The matter was deferred till a fresh offer is received from Corporation Novosibirsk Institute of Program Systems, Russia.

Senate/2011-12/2.08	Guidelines for adding and dropping of courses
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The guidelines for adding and dropping of courses as recommended by the committee constituted for the purpose was discussed and approved for 2011 batch onwards with the following modifications.

A student shall not be allowed to register in the Nth **regular** semester of his/her academic programme, if

- Four or more courses of the (N-2)th **regular** semester are not successfully cleared **OR**
- Two or more than two courses of the (N-4)th **regular** semester are not successfully cleared **OR**
- One or more courses of (N-6)th **regular** semester are not successfully cleared.

Senate/2011-12/2.09	Ratification of the approval accorded by the Chairperson, Senate.
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Following approvals accorded by the Chairperson, Senate during the period were approved:

S. No	Date	Subject
1.	Jan 23, 2012	Approval of Course – EM 601f Data Mining
2.	Jan 23, 2012	Approval of course- EM 601g Advance Data Engineering Technologies
3.	Jan 24, 2012	Approval of Course – ES 203 Numerical Methods
4.	Jan 24, 2012	Approval of course – ME 521 Quantitative Techniques in logistics Management
5.	Jan 24, 2012	Approval of course – ME 547 Mechanical Vibrations and Conditions Monitoring
6.	Feb 21, 2012	Approval of course- ES 202 Data Communication
7.	Mar 10, 2012	Approval of PG admission process – August 2012
8.	Mar 12, 2012	Approval of modified academic calendar - 2012*
9.	Mar 02, 2012	Approval for addition of Audit Subject-Rohit Tiwari (Roll No. 1110508)
10.	Mar 05, 2012	Approval for addition of Audit Subject-Rahul Upadhyay (Roll No. 1110505)
11.	Mar 20, 2012	Approval of New Course –Nanophotonics and Plasmonics
12.	Mar 20, 2012	Approval of New Course –DS 566 Applied Ergonomics
13.	Mar 20, 2012	Approval to increase seats for M.Des (from 10 to 15)
14.	Mar 23, 2012	Approval of New course/modification in a course-Wavelet and Filter Banks
15.	Mar 23, 2012	Approval of New course/modification in a course-Multirate Signal Processing
16.	Mar 23, 2012	Approval of New course –Fundamentals of Bone Biology and Bone Biomechanics

* The academic calendar was approved with the modification that late registration will be allowed in the genuine exceptional cases only with the approval of the convener UGCS/ Chairperson, Senate.

Senate/2011-12/2.10

Any other item with the permission of the Chair.

Senate/2011-12/2.10.1 PBI Grades Review -


The Coordinator Academic Affairs (COAA) presented a report containing the

recommendations of the Internship Board (IB) for Project Based Internship (PBI). The recommendations were based on the IB's review of the grading of students in PBI. (**SENATE/2011-2012/2/Annexure II**). The COAA informed that the review was done to address the grievances of some students. Since this was the first time, PBI were evaluated, the IB decided to review the grades of students who were not satisfied with their awarded grades. After deliberations, the Senate approved the recommendation of the IB as in **SENATE/2011-2012/2/Annexure II**.

However, the Senate while approving the report mentioned that reviewing of the grades should not be encouraged in future.

Senate/2011-12/2.10.2 Date of the next Senate Meeting -

The date slot for next Senate meeting was tentatively fixed as June 15-20, 2012.


Col. (Retd.) P. S. Sandhu
Secretary, Senate
PDPM IIITDM Jabalpur
20 Apr 2012

Forwarded for approval please.


Prof. Aparajita Ojha
Chairperson, Senate

PDPM
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,
DESIGN AND MANUFACTURING JABALPUR

Minutes of SENATE/2011-12 /1st Meeting
held on January 21, 2012 at 10:30 am in the Conference Hall of the Institute.

The SENATE/2011-12 /1st meeting of the Senate was held on January 21, 2012 from 10:30 am in the Conference Hall of the PDPM IIITDM Jabalpur. Following members were present.

1. Prof. Aparajita Ojha	Chairperson
2. Prof. Uday Khedkar	Member
3. Prof. B. L. Misra	Member
4. Prof. Puneet Tandon	Member
5. Dr. V. K. Gupta	Member
6. Dr. Sameer Khandekar	Member
7. Dr. Pritee Khanna	Member
8. Dr. Tanuja Sheorey	Member
9. Dr. Bhupendra Gupta	Member
10. Dr. Subir Singh Lamba	Member
11. Dr. Prabin Kumar Padhy	Member
12. Dr. Mukesh Kumar Roy	Member
13. Col. (Retd.) P. S. Sandhu	Secretary

Following special invitees from among the members of academic staff of PDPM IIIT DM Jabalpur were also present.

1. Dr. R. K. Pandey
2. Mr. D. S. Ramteke
3. Dr. Prabir Mukhopadhyay
4. Dr. J. Singh

Following members expressed their inability to attend the meeting due to their prior commitments:

- (i) Prof. S. K. Choudhary (ii) Prof. Ashish Dutta (iii) Prof. Huzur Saran (iv) Shri S. Amane (v) Dr. Prakash Apte (vi) Prof. H. P. Dikshit (vi) Prof. P. C. Das (viii) Prof. R. Chatterjee (ix) Prof. P. K. Jhinge (x) Prof. Vinayak Eswaran (xi) Prof. Phalguni Gupta (xii) Prof. Manoj Harbola (xiii) Shri Awadhesh Parihar (xiv) Prof. Laxman Pandey (xv) Prof. P. Krishna Reddy (xvi) Dr. M. Ravibabu

After the initial welcome remarks by the Chairperson, Senate, the agenda items were taken up one by one.



The following overview report was presented by the Director:

1. Prof. S. V. Raghavan is nominated by the MHRD as the Chairman of the Board of Governors of the Institute on October 7, 2011 for a period of three years. Professor S. V. Raghavan is a Professor at the Department of Computer Science and Engineering, IIT Madras and is currently appointed as the Scientific Secretary to Principal Scientific Advisor to Govt. of India. Professor S. V. Raghavan has made significant contributions to the creation of the Education and Research Network in India. He is the chief architect of National Knowledge Network project of Govt. of India. He was the founder of ERNET and the Principal Investigator of the Programme at IIT Madras. His areas of research include Performance Evaluation, Information Security, High Performance Computing and Networks, Protocol Software Engineering, Multimedia and Network Design.

2. Following faculty members have joined the Institute after the last meeting of the Senate.

Dr. Sraban Kumar Mohanty joined on 12-7-2011. Discipline - Computer Science and Engineering, Field – I/O algorithms

Ms. Mamta Anand joined on 18-7-2011. Discipline – Humanities and Social Sciences, Field – Literature and Linguistics

Dr. Pavan Kumar Kankar joined on 25-7-2011, Discipline - Mechanical Engineering – Field – Vibration

Mr. K.K. Balakrishnan joined on 2-8-2011. Discipline – Design – Field – Industrial Design

Dr. Nihar Ranjan Jena joined on 1-9-2011, Discipline – Physics, Field – Bio Physics

Dr. Jawar Singh joined on December 19, 2011. Discipline – Electronics and Communication Engineering. Field – Low Power VLSI design

Dr. M. Ravibabu has been granted one year lien to join IIT Ropar as Assistant Professor. Shri Bishwajeet Mukharjee has been granted study leave of two years



to join the Ph.D. programme at IIT Bombay. He was selected in all four IITs he appeared for the interview. Shri Sachin Jain's study leave has been extended to one more semester on his request to complete his Ph.D. work at IIT Kanpur. He is 10 pointer at IIT Kanpur.

3. Students placement and achievements – Till date 34 placement offers have been made by Capital IQ, TCS and Avantha Power. TCIL, BEL, Infotech, Impetus Technologies, HCL Info systems, Samsung and Whirlybird Electronics have given their consent to come for campus placement in months to come, as informed by the placement cell.

Achievements –

Abhinav Suryavanshi was awarded Project Based Internship at Canon, Japan and has earned a pre-placement offer from the Company. Impressed with his performance, Canon has floated two project based internships this year.

Ankit Kudeshia (B. Tech 2006 batch) has been selected directly after B.Tech. for Ph.D. programme at IIT Kanpur after a very long period.

Yukti Suri (B. Tech. 2006 batch) and Saurabh Jain (B. Tech. 2005 batch) have been recently selected for Erasmus Mundus Scholarship of European Countries.

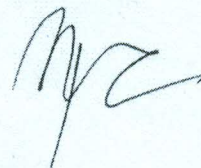
Nitin Sharma (B. Tech. 2006 batch) is one of the 33 recipients of MEXT scholarship, Japan selected by MHRD.

Vineet Singh (B. Tech. 2006 batch) has joined for Ph.D. with Prof. Rajeev Gupta senior most professors of Computer Science and Engineering, at University of California.

Mohd Rajik (Mechanical Engineering) has become the first student qualified for a Ph.D. degree from the Institute. He worked with Prof. Puneet Tandon as his Ph.D. guide and the title of his thesis is “Geometric Modeling, Design & Analysis of Custom-Engineered Milling Cutters”.

4. Faculty Achievements –

- a. Faculty – Dr. Pavan Kankar's paper with S.S. Sharma and S.P. Harsha, Nonlinear vibration signature analysis of a high speed rotor bearing



system due to race imperfection, Journal of Computational and Nonlinear Dynamics has been listed as one of the ten most downloaded papers in the website of ASME (Association of Mechanical Engineers).

- b. Dr. M. Ravibabu has been awarded with "Prestigious Reviewer" of the Journal of Information Technology & Software Engineering in the year 2011.
 - c. Prof. Puneet Tandon's book titled Cutting Tool Geometry: 3D Perspective has been published by Lap Lambert Academic Publishing in December 2011.
 - d. Dr. Atul Gupta has been awarded with Drona award of IBM 2010-11 for mentoring two project groups of students of the Institute. This is one of the largest students software competitions in the world.
5. Assistant Librarian and Sr. Library and Information Assistant have also joined in the month of January 2012.

Senate/2011-12/1.02	Confirmation of the minutes of the SENATE/2010-11/3 rd held on June 17, 2011 and SENATE/2011-12/Special meeting held on January 6, 2012.
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The minutes of the SENATE/2010-11/3rd meeting held on June 17, 2011 and SENATE/2011-12/Special meeting held on January 6, 2012 were confirmed with following minor changes:

1. On page 5 - Dr. Pritee Khanna has gone under JSPS fellowship at Tokyo Institute of Technology and not at University of Tokyo
2. One of the members suggested that an annexure may be added to include names of the award winning students whose names did not appear in the main minutes as they were decided after the senate meeting. Senate approved the same. The final list of students approved for awards is given below.

S. No.	Name of prize	Category - UG/PG	Name of candidate
1	Chairman's Gold Medal (CGM)	BTech	Tripta Gupta (2007062)
2	Directors Gold Medals (DGM)	BTech	Anilesh Sharma (2007006)
3	D& M Proficiency Gold Medals	BTech	Ravi K. Sundaram (2007039)

