



**NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA
SURATHKAL**

MINUTES

OF

32nd SENATE MEETING

Date : 1.11.2012

Time : 3.00 p.m

**Venue : ATB Seminar Hall,
N.I.T.K., Surathkal
MANGALORE
PIN - 575 025.**

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL
32nd SENATE MEETING

Date: 1.11.2012 Time: 3.00 p.m. Venue: ATB Seminar Hall
N.I.T.K., SURATHKAL.

MINUTES

MEMBERS PRESENT:

Swapan Bhattacharya	.....	Chairman
Shubha .V	.....	Member
Adhikari A.V.	.....	Member
Ananthanarayana V.S.	.....	Member
Annappa	.....	Member
Arun M	.....	Member
Ashok Babu T.P.	.....	Member
Babu Narayan K.S.	.....	Member
Bhat M.S.	.....	Member
Chandrashekar Shet K	.....	Member
Chitharanjan Hegde A	.....	Member
Dwarakish G.S.	.....	Member
Gangadharan K.V.	.....	Member
Hegde S.M.	.....	Member
Jagannath Nayak	.....	Member
John D'Souza	.....	Member
Kasturi V. Bangera	.....	Member
Katta Venkataramana	.....	Member
Keshava Prasad Halemane	.....	Member
Kiran K.B.	.....	Member
Kulkarni S.M.	.....	Member
Lakshman N	.....	Member
Lokesh K.N.	.....	Member
Mahesha A	.....	Member
Mohan Kumar G.C.	.....	Member
Mohanan.P.G.	.....	Member
Mohanan P.	.....	Member
Murthy Ch.S.N.	.....	Member
Murthy D.V.R.	.....	Member
Murulidhar N.N	.....	Member
Nagaraj M.K.	.....	Member
Nityananda A. Shetty	.....	Member
Panduranga Vittal K	.....	Member
Prabhu K.N.	.....	Member
Prasad Krishna	.....	Member
Rajendra Udupa K	.....	Member
Ram Mohana Reddy G	.....	Member
Rama Sastry V	.....	Member
Santosh George	.....	Member
Sequeira A.H.	.....	Member

Shashikala H.D.	.....	Member
Shashikantha K	.....	Member
Shiva Kumar G. K.	.....	Member
Shivashankar R	.....	Member
Shrihari S.	.....	Member
Sitaram Nayak	.....	Member
Srinikethan G	.....	Member
Sripati U.	.....	Member
Subba Rao	.....	Member
Subhas C.Yaragal	.....	Member
Surendranathan A.O.	.....	Member
Suresh Hebbar. H.	.....	Member
Swaminathan K	.....	Member
Udayakumar R.Y.	.....	Member
Umesh G	.....	Member
Varghese George	.....	Member
Vidya Shetty	.....	Member
Vijay Desai	.....	Member
Krishna Kant Prasad	.....	Spl. Invitee
Sneha S Kudli	.....	Spl. Invitee
Govinda Raj M	.....	Member - Secretary

Preamble:

The Chairman gave a brief account of recent developments in the Institute and welcomed the new Senate members.

A. CONFIRMATION OF MINUTES OF 31st MEETING OF THE SENATE HELD ON AUGUST 29th 2012.

The Senate resolved to confirm the minutes of the 31st Senate Meeting.

B. REVIEW OF ACTION TAKEN ON MINUTES OF 31st SENATE MEETING HELD ON AUGUST 29th 2012.

The actions taken on the minutes of the 31st Senate meeting were noted.

C. ITEMS PLACED BEFORE THE 32nd SENATE MEETING HELD ON NOVEMBER 1st, 2012.

Discussion and Decision Items:

Item No.32-Senate-C1: Agenda items discussed in the 22nd BOS meeting held on 5th October 2012

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ITEM No: 22-BOS - 1:

Equivalent Courses for the subjects prior to 2012 curriculum, in the revised 2012 B.Tech curriculum:

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Resolution of the BOS

- a) **Electrical and Electronics Engg. (EE) -**
The BOS resolved to approve the Equivalent Courses for the subjects prior to 2012 curriculum, in the revised 2012 B.Tech curriculum in Electrical and Electronics Engineering.
- b) **Computer Science and Engg. (CS) -**
The BOS resolved to approve the Equivalent Courses for the subjects prior to 2012 curriculum, in the revised 2012 B.Tech curriculum in Computer Science and Engineering.
- c) **Electronics and Communication Engg.(EC)-**
The BOS resolved to approve the Equivalent Courses for the subjects prior to 2012 curriculum, in the revised 2012 B.Tech curriculum in Electronics and Communication Engineering.
- d) **Mining Engg. (MN) -**
The BOS resolved to approve the Equivalent Courses for the subjects prior to 2012 curriculum, in the revised 2012 B.Tech curriculum in Mining Engineering.
- e) **Applied Mechanics and Hydraulics(AM) -**
The BOS resolved to approve the Equivalent Courses for the subjects prior to 2012 curriculum, in the revised 2012 B.Tech curriculum.
- f) **Mechanical Engg. -**
The BOS resolved to approve the Equivalent Courses for the subjects prior to 2012 curriculum, in the revised 2012 B.Tech curriculum in Mechanical Engineering.
- g) **Metallurgical and Materials Engg. (MT) -**
The BOS resolved to approve the Equivalent Courses for the subjects prior to 2012 curriculum, in the revised 2012 B.Tech curriculum in Metallurgical and Materials Engineering.

h) **Chemical Engg. (CH) -**

The BOS resolved to approve the Equivalent Courses for the subjects prior to 2012 curriculum, in the revised 2012 B.Tech curriculum in Chemical Engineering.

i) **Information Technology(IT) -**

The BOS resolved to approve the Equivalent Courses for the subjects prior to 2012 curriculum, in the revised 2012 B.Tech curriculum in Information Technology.

j) **Civil Engg(CV) -**

The BOS resolved to approve the Equivalent Courses for the subjects prior to 2012 curriculum, in the revised 2012 B.Tech curriculum in Civil Engineering.

The DUGCs were requested to make corrections suggested by the BOS. The Chairman BOS was authorized to approve the same and place them before the Senate.

Resolution of the Senate

Senate resolved to approve the list of equivalent courses for the subjects prior to 2012 B.Tech curriculum in the revised 2012 B.Tech curriculum.

ITEM No: 22-BOS - 2:

Introduction of Compulsory Course on Life Sciences for I Year B.Tech.

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Resolution of the BOS

The BOS felt that the Course on Life Sciences can be offered as an open elective in the higher semesters instead of a common course for I year B.Tech. The Chairman, BOS was authorized to constitute a committee comprising of departmental representatives to draft the course contents, which will be placed in the next BOS meeting.

Resolution of the Senate

The Senate noted the recommendation of BOS.

ITEM No: 22-BOS - 3:

Modified and new electives in Virtual Instrumentation for M.Tech program.

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Resolution of the BOS

The BOS resolved to approve the addition of new elective course ME826 Experimental Techniques in Vibration Analysis (2-0-2)3 and modification of course ME825 Virtual Instrumentation (2-0-2)3.

Resolution of the Senate

The Senate resolved to approve addition of new elective course ME826 Experimental Techniques in Vibration Analysis (2-0-2)3 and modification of the course ME825 Virtual Instrumentation (2-0-2)3.

ITEM No: 22-BOS - 4:

Ph.D level course “Topics in Functional Equations” in Department of Mathematics and Computational Sciences.

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Resolution of the BOS

The BOS resolved to approve the new Ph.D level Course “Topics in Functional Equations” in Department of Mathematics and Computational Sciences.

Resolution of the Senate

The Senate resolved to approve the new Ph.D level course MA947 “Functional Equations” in Department of Mathematics and Computational Sciences.

ITEM No: 22-BOS -5:

New Ph.D level course on Advanced Theory of Vibrations in the Department of Mechanical Engg -

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Resolution of the BOS

The BOS resolved to approve the addition of a new Ph.D level course Advanced Theory of Vibrations in Department of Mechanical Engineering.

Resolution of the Senate

The Senate resolved to approve the new Ph.D level course ME906 Advanced Theory of Vibrations in Department of Mechanical Engineering.

ITEM No: 22-BOS - 6:

Online submission of PhD Thesis to Shodhganga, INFLIBNET, UGC.

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Resolution of the BOS

As per the UGC notification, it is now mandatory to submit the electronic version of the PhD thesis submitted by Researchers in the Universities/ Institutes to Shodhganga INFLIBNET of UGC as it facilitates access to the academic community world-wide.

The BOS resolved to approve online submission of Ph.D thesis submitted to NITK to Shodhganga, INFLIBNET, UGC after completion of viva-voce and to modify the Ph.D Thesis format (if required) so as to be compatible for online submission. IPR policy related to Ph.D thesis is to be evolved by Institutes.

Resolution of the Senate

The Senate resolved to approve the online submission of Ph.D Thesis to Shodhganga, INFLIBNET, UGC after the completion of Viva-voce. The revised Ph.D Thesis format and IPR policy related to Ph.D thesis to be discussed in the BOS and be placed in the next Senate.

ITEM No: 22-BOS - 7: Inclusion of Additional Guide to Full -Time Research Scholars –Department of Civil Engineering.

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Resolution of the BOS

The Chairman BOS was authorized to constitute a committee to look into the Ph.D regulations regarding inclusion of Additional Guide for Full time Research Scholars, which will be placed in the next BOS meeting.

Resolution of the Senate

The senate noted the recommendations of BOS.

ITEM No: 22-BOS - 8: Taking Scientists/R&D Engineers as guides for Ph.D Dessertations–Department of Metallurgical and Materials Engineering.

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Resolution of the BOS

The Chairman BOS was authorized to constitute a committee to look into the Ph.D regulations regarding inclusion of Additional Guide for Full time Research Scholars, which will be placed in the next BOS meeting.

Resolution of the Senate

The senate noted the recommendations of BOS.

ITEM No: 22-BOS - 9:

Increase in Institute scholarship for Ph.D programmes

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Resolution of the BOS

The BOS resolved to recommend an increase in the number of scholarships for fulltime Ph.D scholars from 50 to 100 per year with effect from the Academic year 2012-13. The admission process for the Research Scholars shall be done during June/July session and Dec/Jan session every academic year.



Details of intake are as follows:

OC	OC PH	OBC	OBC PH	SC	SC PH	ST	ST PH	TOTAL
49	01	26	01	15	01	07	00	100

Resolution of the Senate

The senate resolved to approve the increase in number of scholarships for full-time Ph.D scholars from 50 to 100 per year with effect from academic year 2012-13. Admissions to be made in accordance with MHRD norms.

Item No.32-Senate-C2: Convocation - List of graduates- Approval of eligible candidates for the award of B.Tech / M.Tech / M.Tech (Research) / M.CA. /M.B.A / M.Sc / Ph.D degree during the 10th convocation.

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The Senate resolved to approve a total of 1301 students who are eligible to receive B.Tech / M.Tech / M.Tech (Research) / M.CA. /M.B.A / M.Sc / Ph.D degrees during the 10th Convocation.

The Chairman senate was authorized to approve the additional list of eligible candidates for the award of Ph.D degree till the date of convocation.

Item No.32-Senate-C3: Academic Calendar for Even Semester 2012- 13.

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The Senate resolved to approve the Academic Calendar proposed for Even Semester 2012-13. The senate opined that the academic calendar henceforth shall be prepared for one year including faculty vacation.

Item No.32-Senate-C4: Distribution of faculty positions sanctioned by MHRD amongst various departments / centers.

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The senate resolved to approve the proposed distribution of faculty positions as given in Annexure-I, sanctioned by MHRD, among various departments. Matter shall be placed before the BOG for approval.



Item No.32-Senate-C5: Academic punishment for student's misbehavior/vandalism.

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The Senate resolved to authorize the Chairman, Senate to constitute a committee to suggest appropriate policy regarding academic punishment for student's misbehavior / vandalism

Item No.32-Senate-C6: Request of Research Scholars (Part time) - Department of Civil Engineering.

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The senate resolved to condone the delay in submission of Research proposal of Mithesh Kumar and Amit A Peshkar, Dept. of Civil Engineering.

Item No.32 Senate-C7: M.Tech project work- proposal regarding duration of project work in external organizations-Chemical Engineering Dept.

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The senate resolved to defer the matter. The recommendations of the committee constituted to look into "Effective management of PG projects" be discussed in the BOS and placed in the next senate.

Item No.32-Senate-C8: Delay in submitting Ph. D Synopsis.

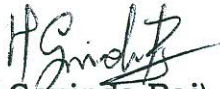
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The senate resolved to condone the delay in submitting the Ph.D synopsis by following Research Scholars:

Sl. No	Reg. No	Name of the scholar	Department
1.	03221000	Srinath Shetty K	Civil Engg
2.	MA05P02	K Karuna Kamath	MACS
3.	03221020A	Jora Mangala Gonda	E & C Engg
4.	CV05P03	Sowmya N J	Civil Engg
5.	CV04P06	Ramakrishna Hegde	Civil Engg
6.	CH05F02	Gop Kumar P	Chemical Engg

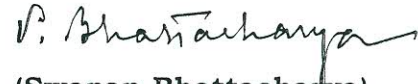
Further, for those Research Scholars who have joined the program in the Odd Semester of the academic year 2005-06 or earlier and yet to submit the synopsis, the last date for submission of synopsis is 31st December 2012.

Meeting ended with vote of thanks to the Chair.



(M. Govinda Raj)

Secretary-Senate, NITK



(Swapan Bhattacharya)

Chairman-Senate, NITK

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Annexure-1





NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

FACULTY DISTRIBUTION BASED ON ACTUAL STUDENT STRENGTH 2012-13 & 2012 CURRICULUM

Sl. No	Department	BTech II- IV Yr +PG	BTech I Year credits	BTech I Year	Courses handled for other depts BTech II-IV & PG	Additional Allocation	Total	Professor	Associate Professor	Assistant Professor
1	Applied Mechanics & Hydraulics	8	3	5	4	1	18	3	6	9
2	Civil	41	1	1	5	1	38	6	12	20
3	Mining	8	0	0	0	2	10	2	3	5
4	Computer Science & Engg	33	5	8	5		38	6	12	20
5	Electrical & Electronics	25	3	5	1		38	5	10	18
6	Electronics & Communication	34	3	5	1		38	6	12	20
7	Information Technology	28	0	0	2		26	4	8	14
8	Chemical	21	0	0	3	1	19	3	6	10
9	Mechanical	43	6	9	2		50	8	16	26
10	Metallurgical & Materials	16	0	0	1		15	2	4	9
11	Chemistry	3	5	8	1		12	2	4	6
12	Humanities Social Sciences & Management	5	4	6	9		21	3	6	12
13	Mathematical & Computational Sciences	24	6	9	4		37	6	12	19
14	Physics	3	5	8			11	2	4	5
15	System Manager, CCC						1		1	
16	Flexible Positions									8
	Total	297	41	64	0	5	367	58	116	201

Remarks	1:13 rounded	First Year BTech Total credits 41 Faculty available 63, Distributed proportional to credits	2 posts to MN to maintain minimum faculty strength of 10 [20 Seriate CS]	No. of flexible posts = 375-367 =8
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	Existing as per 21 BOG Item No 2	New as per MHRD No. F18-22/2008-TSIII dt 17-05-2012	Total	OC	O6C	SC	ST	PH
Professors	38	20	58					
Associate Professors	76	40	116					
Assistant Professors	149	52	201	102	54	30	15	3% reservation for PH in each category
Total	263	112	375					

BTech Core courses handled by other departments at higher semesters as per 2012 Curriculum

Sl No	Parent Department	Course No	Semester	Credits	Teaching Dept	Fac Alloc	Remarks
1	All Departments	HU 300	V/VI	3	HSSM	CV-1, CS-1, EE-1, EC-1, IT-1, ME-2, CH-1 = Total 8	Students in III BTech = 799 $(799/13) * (6/43) = 8.58$; Av credits/yr = $(170-41)/3 = 43$
2	All Departments	HU 302	V/VI	3	HSSM		
3	Civil	AM 200	3	3	AM &H	3 from CV to AM&H	Students in II Yr CV = 105; Av credits/yr = 43 $(105/13) * (8/43) = 1.503$
		AM 216	3	2	AM &H		Students in III Yr CV = 100 $(100/13) * (5/43) = 0.894$
		AM250	4	3	AM &H		3 Faculty from CV to AM & H
		AM300	5	3	AM &H		$(105/13) * (1/43) = 0.187$
		AM316	5	2	AM &H		
		ME200	3	1	ME		
4	Mining	ME200	3	1	ME		$(45/13) * (5/43) = 0.402$
		ME270	4	4	ME		$(45/13) * (5/43) = 0.402$
		CV203	3	3	CV		$(104/13) * (4/43) = 0.744$
		CV218	3	2	CV	1 from IT to MACS	1 Faculty from IT to MACS
5	InformationTech	MA200	3	4	MACS	1 from CO to MACS	$(106/13) * (3/43) = 0.569$ 1 Faculty from CO to MACS
6	Computer Engg	MA201	3	3	MACS		$(51/13) * (5/43) = 0.456$ $(48/13) * (3/43) = 0.257$ 1 Faculty from CH to CY
7	Chemical	CY205	3	3	CY	1 from CH to CY	$(51/13) * (1/43) = 0.09$
		CY255	4	2	CY		$(153/13) * (4/43) = 1.09$
		CY305	5	3	CY		1 Faculty from ME to AM &H
		ME200	3	1	ME		$(153/13) * (1/43) = 0.268$
8	Mechanical	AM201	3	3	AM &H	1 from ME to AM&H	$(41/13) * (3/43) = 0.22$
		AM217	4	1	AM &H		$(41/13) * (1/43) = 0.07$
		AM317	5	1	AM &H		$(41/13) * (2/43) = 0.15$
9	Metalurgy	AM200	3	3	AM &H		$(41/13) * (2/43) = 0.15$
		ME200	3	1	ME		$(41/13) * (2/43) = 0.15$
		CY206	3	2	CY		$(43/13) * (4/43) = 0.307$
		CH263	4	2	CH		1 Faculty from MT to ME
		ME328	5	4	ME	1 from MT to ME	
							Additional Allocation 1 Faculty to CV, CH and AM&H

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Annexure-1

PG Core courses handled by other departments

Sl No	Parent Department	Course No	Semester	Credits	Teaching Dept	Fac Alloc	Remarks
1	AM&H - RS &GIS	MA709	1	3	MACS		1 Year 40 credits of course work $(14/13) * (3/40) = 0.0807$
2	CV - EN	MA704	1	3	MACS		$(34/13) * (3/40) = 0.196$
	CV - GT	MA704	1	3	MACS		
	CV - TS	MA708	1	3	MACS		$(23/13) * (6/40) = 0.265$
	CV - TS	MA705	2	3	MACS	1	1 Faculty from CV to MACS
3	CSE - CSE	MA707	1	3	MACS	1	$(56/13) * (3/40) = 0.323$
	CSE - CSE-IS	MA707	1	3	MACS		1 Faculty from CO to MACS
4	IT - IT	MA712	2	3	MACS		$(27/13) * (3/40) = 0.155$
5	CH - CPD	MA701	1	3	MACS	1	$(34/13) * (3/40) = 0.196$
	CH - IPC	MA701	1	3	MACS		1 Faculty from CH to MACS
6	ME - Mechatronics	MA713	2	3	MACS		$(26/13) * (3/40) = 0.15$
7	MT - Mat Engg	MA702	1	3	MACS		$(38/13) * (3/40) = 0.219$
	MT - PM	MA702	1	3	MACS		
8	MACS - MCA	HU703	1	3	HSSM		$(90/13) * (6/40) = 1.038$
		HU612	2	3	HSSM	1	1 Faculty from MACS to HSSM
9	HSSM - MBA	MA711	1	3	MACS		$(49/13) * (3/40) = .282$

 P. Srinivas

 H. G. Srinivas

 P. Srinivas