

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA SURATHKAL

MINUTES

OF

39th SENATE MEETING

- Date : 05.10.2015 (Monday)
- Time : 4.30 p.m. onwards
- Venue : Seminar Hall Additional Teaching Block N.I.T.K., Surathkal MANGALURU PIN - 575 025.

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL MANGALORE – 575 025

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Proceedings of the 39th meeting of the Senate of N.I.T.K. Surathkal held on 05.10.2015 at 4.30 p.m in the Seminar Hall of the Additional Teaching Block of N.I.T.K. Surathkal.

MEMBERS PRESENT:

Swapan Phottacharva		Chairman
Swapan Bhattacharya		Chairman
A. Kandaswamy		Member
M.C. Narasimhan		Member
Katta Venkataramana		Member
Udayakumar R.Y.		Member
K. Chandrasekaran		Member
M.B. Saidutta		Member
Dwarakish G.S.		Member
A. Vittal Hegde		Member
A.Mahesha		Member
M.K. Nagaraj		Member
N. Lakshman		Member
Subba Rao		Member
K.N. Lokesh		Member
A.U. Ravi Shankar		Member
D. Venkat Reddy	· · · · · ·	Member
K.S. Babu Narayan		Member
K.Swaminathan		Member
R. Shivashankar		Member
S. Shrihari		Member
Sitaram Nayak		Member
Varghese George		Member
B.Raj Mohan		Member
G. Srinikethan		Member
B.Ramachandra Bhat	(Member
A. Nityananda Shetty		Member
A.V. Adhikari		Member
D.Krishna Bhat		Member
Vani M		Member
M.S. Bhat		Member

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	S. Sumam David		Member
	Vinatha U		Member
	K. Panduranga Vittal		Member
	A.H. Sequeira		Member
	K.B.Kiran		Member
	G. Ram Mohana Reddy		Member
	Ananthanarayana V.S.		Member
	Santosh George		Member
	Murulidhar N.N		Member
	S.M. Hegde		Member
	Gangadharan K.V.		Member
	G.C. Mohan Kumar		Member
	H. Suresh Hebbar		Member
	Narendranath S		Member
	P. Mohanan		Member
	Prasad Krishna		Member
	Ravikiran Kadoli		Member
	Dr. S.M. Kulkarni		Member
	Srikantha S. Rao		Member
	T.P. Ashok Babu		Member
	Vijay H Desai		Member
	Jagannath Nayak		Member
	K. Narayan Prabhu		Member
	R.P.Choudhary		Representative of HOD
	V. Rama Sastry		Member
	H.D. Shashikala		Member
	G. Umesh		Member
*	Kasturi V. Bangera		Member
	Anusuya Chakari		Member
	Ramakrishnan B Prashanth,		Spl. Invitee
	Mithila Bhagavathi M,	····	Spl. Invitee
	K.Ravindranath	•••••	Secretary

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Preamble:

At the outset of the meeting Chairman welcomed all the members to the 39th Senate Meeting.

After a brief discussion, with the permission of Chair, the Secretary Senate, began the deliberations on the Agenda Items.

Item No. 39.1: CONFIRMATION OF MINUTES OF THE 38th MEETING OF THE SENATE HELD ON APRIL 01, 2015.

The Senate resolved to confirm the minutes of the 38th Senate Meeting.

Item No. 39.2: <u>REVIEW OF ACTION TAKEN ON THE MINUTES OF 38th</u> <u>SENATE MEETING HELD ON APRIL 01, 2015.</u>

The actions taken on the minutes of the 38th Senate meeting were noted.

Item No. 39.3: ITEMS PLACED BEFORE THE 39th SENATE MEETING HELD ON OCTOBER 05, 2015

Discussion and Decision Items:

Item No.39.3.1:Agenda items discussed in the 29th BOS meeting held
on September 09, 2015.

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29-BOS-1 Introduction of new UG program Specific Elective Course-

The Department of Computer Science & Engineering

Resolution of the BOS	Resolution of the Senate
The BOS resolved to defer the proposal of the following new UG program Specific Elective course:	The Senate noted the BOS resolution
CO317 – INTRODUCTION TO GRAPH THEORY. (3-0-0) 3	

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ITEM No: 29-BOS-2:

Replacing ME200 Workshop (1 Credit) with CV210 Elements of Civil Engineering (1 Credit)

Resolution of the BOS	Resolution of the Senate
The BOS resolved to recommend replacing ME200 Workshop (1 Credit) with CV210 Elements of Civil Engineering (1 Credit). This will be applicable for the students admitted during academic year 2015-16	The Senate resolved to approve the recommendations of BOS for replacing ME200 Workshop
onwards.	(1 Credit) with CV210 Elements of Civil Engineering (1 Credit).

ITEM No: 29-BOS-3:

Changes in the UG Regulations-

Termination from the B.Tech Programme:

Resolutio	on of the BOS		Resolution of the Senate
The BOS resolved to changes in the Regulati B.Tech Programme:-		0	The Senate resolved to approve the recommendations of BOS
A student shall be rec without the award of the circumstances:			for changes in Regulations of Termination from the B.Tech program. (However, Senate
If a student fails to earn below:	the minimum	credit specified	further deliberated this issue in
Check Point	Existing Credit Threshold	Proposed Credit Threshold	Item No.39.3.4 and new resolutions were made).
End of FIRST year	20	15	
End of SECOND year	50	40	
End of THIRD year	80	65	
End of FOURTH year	110	90	

ITEM No: 29-BOS-4:

Introduction of New PG Level Elective Courses:

Resolution of the BOS	Resolution of the Senate
a) The Department of Computer Science & Engineering-	a) The Senate noted the BUS
The BOS resolved to <i>defer</i> the proposal of the following	resolution.
new PG level course:	
courses: CS868 – Graph Theory (3-0-0)3	

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b) The Department of Physics- The BOS resolved to recommend the following new PG Level Elective courses (<i>with revised</i> <i>titles</i>) for inclusion in the Curriculum:	b) The Senate resolved to approve the recommendations of BOS for inclusion of new PG
PH880 – Nonlinear Dynamics (3-0-0) 3	level Elective Courses of b)
PH881 – Computational Physics (3-0-0) 3	Dept. of Physics c) Dept. of
PH882 –Density Functional Theory and it's aapplications in materials science (3-0-0) 3	Metallurgy and Materials Engg. and d) Dept. of Civil Engg.
c) The Department of Metallurgical and Materials Engineering:	
The BOS resolved to recommend a new elective for all the three PG Courses: ML, PM and NT.	
MT810 X-Ray Analysis of Materials (3-1-0) 4	
d) The Department of Civil Engineering: The BOS resolved to recommend a new elective for M.Tech (CTM).	
CM815 – Infrastructure Development and Management (3-0-0) 3	

ITEM No: 29-BOS-5:

Proposal from the Dept. of Electronics and Communication Engineering.

	Resolution of the BOS	Resolution of the Senate
	BOS resolved on the proposals of DUGC/DPGC of the of Electronics and Communication Engineering as vs:	The Senate noted the BOS resolution.
a)	Awarding credits for the short courses conducted jointly with MoU partners – deferred	
b)	Permitting out-station co-guides to participate in the proposal seminar, pre-synopsis seminar and final viva voce exam in M.Tech(R) and Ph.D through video conference. - Recommended	
c)	Comprehensive test for research students - deferred	
d)	Increasing the course requirements for M.Tech (R) - deferred	

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ITEM No: 29-BOS-6:

Changes in the PG Regulations.

An eligibility criterion for the admission to a M.Tech Programme:

Resolution	of the BOS	Resolutio Sen	
The BOS resolved to recommend Regulations of eligibility criteria Programme:- Existing Admission to a M.Tech Programme shall be open to candidates who passed the prescribed qualifying examination, 10 (Class X) and 10+2 (Class XII / Diploma) level with Cumulative Grade Point Average (CGPA) of at least 6.5 in the 0-10 scale grading system, OR not less than 60% marks in the aggregate (taking into account the marks scored in all the subjects of all the public / university examinations conducted during the entire prescribed period for the degree programme). However, this prescribed minimum shall be a CGPA of 6.0 OR 55% marks in the aggregate for SC/ST candidates.	for the admission to a M.Tech Proposed Admission to a M.Tech Programme shall be open to candidates who passed the prescribed qualifying examination with a Cumulative Grade Point Average (CGPA) of at least 6.5 in the 0-10 scale grading system, OR not less than 60% marks in the aggregate (taking into account the marks scored in all the subjects of all the public / university examinations conducted during the entire prescribed period for the degree programme). However, this prescribed minimum shall be a CGPA of 6.0 OR	The Senat to appr modificatio	e resolved ove the ons c egulation

ITEM No: 29-BOS-7: Introduction of Ph.D level courses:

Resolution of the BOS	Resolution of the Senate
The BOS resolved to <i>defer</i> the proposal of the following new Ph. D level course: CS920 – Foundations of Cryptography 4 Credits The BOS resolved to recommend the proposal of the following new PhD level courses:	The Senate noted the BOS resolution for CS920. The Senate resolved to approve the BOS recommendations to approve new PhD level courses (CS919,921,922,923,924,925, 926).

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CS919 – Large scale data analysis	4 Credits
CS921 – Design of secure protocols	4 Credits
CS922 – Elliptic curve cryptosystems	4 Credits
CS923 – Algorithmic game theory	4 Credits
CS924 – Formal methods in computing	4 Credits
CS925 – Green and sustainable ICT	4 Credits
CS926 – Research practicum	2 Credits

ITEM No: 29-BOS-8: Including Ph.D in Science as an eligibility criterion for joining Ph.D in the Dept. of MME-

Resolution of the BOS	Resolution of the Senate
The BOS resolved not to recommend Ph.D in Science as	The Senate noted the BOS
an eligibility criterion for joining Ph.D in Engineering disciplines.	resolution.

ITEM No: 29-BOS-9:

Resolution	of the BOS	Resolution of the Senate
The BOS resolved to recom the eligibility criteria for MBA <u>Existing</u> The admissions will be on the basis of <u>CAT score</u> and performance in the qualifying examination and interview. The prescribed qualifying examinations are given separately in the Institute prospectus for MBA Programme.	mend the modifications in admissions as follows: <u>Proposed</u> The admissions will be on the basis of <u>CAT/GMAT</u> <u>score</u> and performance in the qualifying examination and interview. The prescribed qualifying examinations are given separately in the Institute prospectus for MBA Programme.	The Senate resolved to approve the recommendations of BOS regarding modifications in the eligibility criteria for MBA admissions
Programme shall be open to candidates who have passed the prescribed qualifying examination with a Cumulative Grade Point Average (CGPA) of <u>at</u> least 6.5 in the 0-10 scale	Admission to MBA Programme shall be open to candidates who have passed the prescribed qualifying examination with a Cumulative Grade Point Average (CGPA) of <u>at</u> <u>least 5.5 in the 0-10 scale</u> grading system, OR not	

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less than 60% marks in	<u>less than 50% marks in</u>
the aggregate (taking into	the aggregate (taking into
account the marks scored	account the marks scored
in all the subjects of all	in all the subjects of all the
the public / university	public / university
examinations conducted	examinations conducted
during the entire	during the entire
prescribed period for the	prescribed period for the
degree programme).	degree programme).
	However, this prescribed
minimum shall be <u>a CGPA</u>	minimum shall <u>be a CGPA</u>
of 6.0 OR 55% marks in	of 5.0 OR 45% marks in
	the aggregate for SC/ST
candidates.	candidates.

ITEM No: 29-BOS-10: Inclusion of External Additional Guides:

	Resolution of the BOS	Resolution of the Senate		
a)	The Department of Applied Mechanics & Hydraulics:	The Senate noted the BOS		
	The BOS resolved to not to approve Dr. Sudheer	resolution.		
	Chintalapati, Associate Professor at ITM			
	Gurgaon for inclusion as Additional Research			
	Guide for Mr. Sujay Raghavendra (Reg. No.			
	AM14F03) in the department of Applied			
	Mechanics & Hydraulics.			
b)	The Department of Metallurgical and Materials Engineering:			
	The BOS resolved to approve Dr. C. M.			
	Manjunatha, Sr. Principal Scientist and Group			
	Head, Fatigue and Structural Integrity Group			
	(FSIG), NAL Bangalore as Additional Research			
	Guide for Mr. Nandana M. S. (Reg. No.			
	MT14F10) in the department of Met. & Mat.			
	Engg.			

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ITEM No: 29-BOS-12:

The inclusion of Elective to UG Curriculum-

	Resolution of the BOS		Resolution of the Senate
The BOS	resolved to recommend the fo	llowing course	The Senate resolved to
for inclusi	on in B.Tech curriculum:		approve the recommendations
CH 368	Fuel Cell Engineering	(3-0-0)3	of BOS for inclusion of new
			elective course for B Tech
			Curriculum

ITEM No: 29-BOS-13:

The inclusion of Elective to PG Curriculum -

Resolution of the BOS	Resolution of the Senate	
The BOS resolved to recommend a new Elective	The Senate resolved to	
Course for M.Tech (Transportation Engineering) as	approve the recommendations	
follows:	of BOS for inclusion of new	
TS819: Infrastructure Development – Programmes,	elective course for M Tech	
Planning and Appraisal (3-0-0) 3	(Transportation Engineering)	

ITEM No: 29-BOS-14: The inclusion of Elective course in the PG Curriculum - MBA Program -

Resolution of the BOS	Resolution of the Senate
The BOS resolved to recommend the following elective	The Senate resolved to
course to include in the PG curriculum - MBA	approve the recommendations
programme.	of BOS for inclusion of new
i. Econometrics Theory and Applications (3-0-0)	elective course for MBA
	programme in PG Curriculum.

ITEM No: 29-BOS-15:

Academic Calendar for the Even Semester (January-May 2016) and Odd Semeste (July – December 2016)

Resolution of the BOS	Resolution of the Senate
The BOS resolved to recommend the Academic Calendar for the Even Semester (January-May 2016) and Odd Semester (July – December 2016)	The Senate resolved to approve the Academic Calendar for the Even Semester (January-May 2016) and Odd Semester (July -
	December 2016)

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ITEM No: 29-BOS-16: Proposal from the Department of Applied Mechanics & Hydraulics.

Resolution of the BOS		Resolution of the Senate
The BOS resolved to recommend the modification following course:	in the	The Senate resolved
AM 445 - FUNDAMENTALS OF FINITE ELEMENT MI	ETHODS	to approve the
(3	3-0-0) 3	recommendations of BOS for modifications
Introduction of the following new courses for UG:		of the existing
AM476-FLOW INDUCED VIBRATION (3	3-0-0) 3	Courses and
AM 477 - OPEN SOURCE VIRTUAL INSTRUMENTATION	V	inclusion of New UG
(2-0-2) 3	and PG Level Courses
AM 478-THEORY OF ISOTROPIC ELASTICITY ((3-0-0) 3	in the Dept. of
		Applied Mechanics
Introduction of the following new courses for PG:		and Hydraulics.
MS 818 - NONLINEAR PROBLEMS IN OCEAN ENGINEE	RING	
((3-0-0) 3	
MS819-MECHANICS OF FLOATING BODIES ((3-0-0) 3	
MS820- HYDRO ELASTICITY ((3-0-0) 3	
MS821- OFFSHORE RENEW ABLE ENERGY ((3-0-0) 3	
MS 822-COMPUTATIONAL MARINE HYDRODYNAMICS	(3-0-0) 3	

Item No.39.3.2:

Admission of students made under UG, PG and PhD programme for the academic year 2014-15.

The Senate resolved to approve the admission statistics of students made under Undergraduate, Postgraduate and PhD programmes for the academic year 2015-16

Item No.39.3.3:	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 13 th Annual convocation.

The Senate resolved to approve the list of eligible candidates for the award of B Tech / M Tech / M Tech (Research) / M.C.A. /M.B.A / M Sc / PhD degree during the 13th convocation. The Chairman Senate was authorized to approve the additional list of eligible candidates for the award of M.Tech (Research) and PhD Degree during the 13th Convocation.

It was further resolved that the matter shall be placed for approval of BOG.

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Item No.39.3.4:

Request for Cancellation of Termination Order of B Tech Registration.

The Senate resolved to approve the request of cancellation of termination and permitted readmission in the programme for the Even Semester 2015-16 of following students who failed to earn the minimum threshold credits requirements at the end of the year during B Tech program subject to clearance of Fees dues as per Institute norms.:

S1. No.	Name of the Candidate	Year	Roll No.	Branch
1	Mallikarjun B Talwar	II Year B Tech	11MN30	Mining Engineering
2	Mailari	II Year B Tech	13IT116	Information Technology
3	Alice Filipe Felisberto	I Year B Tech	14EE255	Electrical and Electronics Engg.

This relaxation will also be applicable to those students, who have already been terminated based on the criteria of not satisfying the credit threshold, but now approach the Institute for readmission.

It was also resolved to explore the possibility of completely removing the minimum threshold credit requirement from the UG and PG regulations and allow the students to complete the degree within the maximum number of years permissible.

Item No.39.3.5:

Cancellation of Termination Order and permission for continuation of B Tech study – Recommendation of committee constituted by HOD, Dept. of Mechanical Engg.

Ques

The Senate resolved to approve the request of cancellation of Termination Order of Mr. Vivek Premnath, Roll No. (11M275), IV Year B Tech, Mechanical Engineering and permitted him for readmission in the programme during the Even Semester 2015-16

Item No.39.3.6: Course Registration for Major Project during summer Term of 2015.

The Senate resolved to ratify the recommendation of Department of Information Technology to permit course registration for the Major Project IT899 (0-0-6)6 Credits registration to Mr P Vivek Rao (11IT56) during Summer Term of 2015.

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Item No.39.3.7:

Eligibility to PhD program – Change in regulation -Proposal from Department of Chemical Engineering.

The Senate resolved to approve the proposal of Department of Chemical Engineering for change in eligibility norms of PhD Admissions as 60% or CGPA 6.0 (55% or CGPA 5.5 in case of SC/ST/PWD candidates).

Item No.39.3.8:

Request to condone the delay in Submission of Research Proposal.

The Senate resolved to condone in delay of submission of Research Proposal of the PhD Research Scholars Mr. H Seetharama Tantry (121197MA12P01) and Mr. Pradeep D (123002MN12P01).

Item No.39.3.9:

Request to condone the delay in Thesis submission.

The Senate resolved to condone the delay of submission of Thesis of the PhD Research Scholars Mr. C M Ravikumar (CV11F01), Mr. Riessom Weldegiorgis Weldemariam (ME11F04), Mr. K V Vijayendra (CV08P03) and Mr. Sriharsha Hegde (ME10F08).

Item No.39.3.10:

Request for Cancellation of Termination Order of PhD Registration.

The Senate resolved to approve the cancellation of Termination Order of PhD Registration of Research Scholars Mr. M HARI PRASAD (040874ME04P9) and Mr. GURURAJA UDUPA (080832ME08F01) and permitted them for readmission in the programme for the even semester 2015-16 subject to clearance of Fees dues as per Institute norms.

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Item No.39.3.11:

Nomination of one faculty from Senate to the BOG as per NIT Act 2007.

The Senate noted the subject and authorised the Secretary, Senate to conduct election for nominating one faculty from Senate to the BOG as per NIT Act 2007. The schedule for nomination are as follows:

1.	Date of notification	06.10.2015 (Tuesday)
2.	Last date for filing nominations	09.10.2015 (up to 5 pm)
3.	Last date for withdrawing nominations	12.10.2015 (up to 5 pm)
4.	Announcement of final list of candidates	13.10.2015 (Tuesday)
5.	Voting (if any) commences on	16.10.2015 (Friday) at 4.00 pm to 5.30 pm
6.	Results are announced on	16.10.2015 (Friday)

TABLE AGENDA FOR THE 39th MEETING OF THE SENATE OF N.I.T.K. SURATHKAL.

Item No.39.3.12:

To Consider the Nominee of the Senate for the Selection Committee as per NIT Statutes clause No. 23.(5).(a)

The Senate noted the subject and resolve to authorize the Chairman, Senate to follow the existing practice of the Chairman selecting any one from Expert list submitted by the department for sending to Chairperson's approval.

Item No.39.3.13:

Any other item with the permission of the Chair

No other matter was taken up for discussion.

Meeting ended with vote of thanks to the Chair.

(K.Ravindranath) Secretary-Senate, NITK

P. Bhannhompo

(Swapan Bhattacharya) Chairman-Senate, NITK

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