INDIAN INSTITUTE OF SCIENCE, BANGALORE

(Academic Section)

Minutes of the Meeting of

Senate Curriculum Committee (SCC)

Date of Meeting	15th November 2023
Time	11:00 AM
Venue	IISc Council Chamber & M S Teams (Hybrid Meeting)

A.Nitin Anand

Member Secretary

Prof. V.Kumaran

Chair

November 2023

Minutes of the SCC Meeting held at 11.00 AM on 15th November 2023

Members present:

Prof. V. Kumaran, CH	Chair
Prof. Ashitava Ghosal, Dean, Engineering	Ex-officio Member
Prof. Asokan Sundarrajan, Dean.Science	Ex-officio Member
Capt. Sridhar Warrier (Retd.), Registrar	Ex-officio Member
Prof. Shalabh Bhatnagar, CSA	Member
Prof. Kavita Babu, CNS	"
Prof. V V Srinivas, Civil Engg.	"
Prof. Sandeep M Eswarappa, BC	"
Prof. Vamsi P Pingali, MA	"
Prof. Ambarish Ghosh, CeNSE	"
Prof. Gopalaratnam Narayanan, EE	"
Mr. S. Anoop, Deputy Registrar	"
Mr. A Nitin Anand, Assistant Registrar	Member-Secretary
Mr. M Senthil Kumar	Invitee

The following member/s could not attend the meeting :

Prof. Balaji Rao Jagirdar, Dean UG	Ex-officio Member
Prof. Vijay Natarajan, CSA	Member
Prof. Sai G Ramesh, IPC	Member

The Chair welcomed the members of the SCC to the meeting. The following requests received for offering of new courses, updates to current courses and items from members were discussed. After deliberations, SCC took appropriate decisions, gist of which is as under. In a few cases new information was sought, and discussions continued over email after the meeting to arrive at the decision.

I: Proposed New Courses for offer- Requests received on SAP

The following requests were received on SAP for SCC approval to offer new courses. After deliberations, SCC approved some courses, the gist of which is as under:

Division of Biological Sciences

SI.No.	SAP Request No.	Creation Date	Course Code	Course Name	Requested by	Remarks
1	336	17-07-2023	NS 303	Topics in Systems and Cognitive Neuroscience	Aditya Murthy	Approved
2	337	17-07-2023	NS 304	Topics in Molecular and Cellular Neuroscience	Balaji J	***Conditionally Approved** SCC found that the course content was inadequate. It was decided to seek additional information about the course from instructor.

Division of Physical and Math. Sciences

SI.No.	SAP Request No.	Creation Date	Course Code	Course Name	Requested by	Remarks
3	361	28-10-2023	IN278	Introduction to Embedded Systems	Baladitya Suri	Approved
4	365	02-11-2023	PH367	Plasma Physics andApplications	Animesh Kuley	Approved

Division of EECS

SI.No.	SAP Request No.	Creation Date	Course Code	Course Name	Requested by	Remarks
5	351	18-10-2023	E0317	Probabilistic Methods in Graph Theory and Combinatorics	Sunil Chandran L	***Conditionally Approved** SCC decided to seek justification regarding the 1 credit lab component

Division of Mechanical Sciences

SI.No.	SAP Request No.	Creation Date	Course Code	Course Name	Requested by	Remarks
6	362	28-10-2023	MT273	Semiconductor Films: Deposition and Spectroscopic Characterization	Sachin R Rondiya	Approved
7	359	25-10-2023	ME 200	AI-assisted programming	Ramsharan Rangarajan	Approved SCC decided to seek the removal of "Rationale for the New Course" from Course content.
8	366	03-11-2023	ME 264	Mechanics in Biology	Namrata Gundiah	Approved
9	346	23-08-2023	PD298	Dissertation Project	Dibakar Sen	Approved
10	364	30-10-2023	PD303	Digital Human Modeling for Ergonomics	Dibakar Sen	Approved

Division of Interdisciplinary Sciences

SI.No.	SAP Request No.	Creation Date	Course Code	Course Name	Requested by	Remarks
11	338	18-07-2023	BE 228	Introduction to Mathematical Oncology	Mohit Kumar Jolly	Approved
12	367	04-11-2023	WR204	Aqueous Geochemistry	Praveen Ramamurthy	Approved
13	358	25-10-2023	CP 330	Edge AI	Pandarasamy Arjunan	Approved

IISc's Knowledge and E-Learning Network

SI.No.	SAP Request No.	Creation Date	Course Code	Course Name	Requested by	Remarks
14	334	12-07-2023	E1225o	Introduction to Causality Models	Subbayya Sastry P	Approved
15	335	13-07-2023	E0295o	Introduction to Cryptography (Online)	Bhavana Kanukurthi	***Conditionally Approved** SCC decided to seek the listing of topics under course content.
16	352	20-10-2023	DS 245-o	Linear Optimization and Network Science	Tarun Rambha	***Conditionally Approved** SCC decided to seek justification regarding lab content and to remove the hyphen in the course code
17	340	06-08-2023	E2299o	MTech(Online) ECE Stream Project	Neelesh B Mehta	Approved
18	347	31-08-2023	E2217o	Machine Learning for Wireless Communications	Sudhan Majhi	***Conditionally Approved** SCC decided to seek justification regarding the lab content
19	348	04-09-2023	E2276o	Process Technology and System Engineering	Hardik J Pandya	***Conditionally Approved** SCC desired the course content to be shortened to a single paragraph

Centres under the Director

SI.No.	SAP Request No.	Creation Date	Course Code	Course Name	Requested by	Remarks
20	349	03-10-2023	CO203	Stars, Optics and Fun	Kaushal Verma	***Conditionally Approved** SCC desired the course content to be shortened to a single paragraph.

* Conditionally Approved: Proposal returned to proposer for review on SLCM with specific comments. Will be approved after Instructor / DCC resubmits the proposal with edits that address the comments.

II: **Proposal from DCCs/PCCs - Requests received on SAP**

Sl. No.	Description	Name of the Instructor	Decision/Remarks
1	Inclusion of NE 320 in the soft core pool of the M.Tech Quantum Technology Program	Prof. Baladithya Suri	Approved *Updated curriculum will be effective from next academic year.
2	Modification of Core Course and Course Name – M Tech Bio Engineering	Prof. Narendra M Dixit	Modification of Core Course - Approved Request for change in Course name BE221 - Not Approved *Updated curriculum will be effective from next academic year

* Updated curriculum will be effective from the next academic year. In cases where the curriculum is updated, the DCCs / Chairs are requested to submit the updated academic structure to the SLCM team and academic office so that it can be uploaded and mapped to the incoming batch of students.

III: **Items From Members**

Sl. No.	Description	Decision/Remarks
1	Course Feedback	Members were requested to give their inputs to Deans for further consideration
2	Quality assessment of course programs	SCC deliberated and discussed this matter and is of the opinion that it can be included as an agenda item for the next senate.

The meeting ended with a vote of thanks to the chair and all the members

A.Nitin Anand

Member Secretary

Prof. V. Kumaran

Chair

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