

MINUTES

45th Academic Senate Meeting

Sikkim Manipal University

2015

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Time: 10:00 AM

Date: 7th January, 2015

Venue: Conference Hall,
Level- III, SMIMS College Building

Meeting began with the welcome address by the Registrar, SMU.

Members Present

Brig (Dr) S N Mishra, Vice Chancellor, SMU; Dr Arun Baran Samaddar, Director, NIT, Sikkim; Air Marshal (Retd.) Dr G S Joneja, VM, Dean, SMIMS; Prof (Dr) Sanjay Dahal, Director (I/C), SMIT; Prof (Dr) N S Ramesh Murthy, Director, SMUDDE; Brig (Retd.) Kanwarjit Singh, MS, CRH; Prof (Dr) Ashis Sharma, Registrar, SMU; Prof Mridula Das, Principal, SMCON; Prof (Dr) G. C. Mishra, DCE (Tech) SMIT, SMU; Prof (Dr) Karma Sonam Sherpa, HoD, E&E Engg , SMIT; Prof (Dr) Bidita Khandelwal, Head, Dept of Medicine, SMIMS; Brig. Surindar Singh, Head HR & General Services, SMU; Mr Dip Narayan Singh, Asst. Registrar, SMUDDE; Mr Suraj Sharma, Asst. Manager, Finance SMU.

Members granted leave of absence

Col (Dr) Sadasivan Thekkey Veetil (Retd.) Director, SMIT; Prof (Dr) MK Ghose, Dean Academics, SMIT; Dr Nikita Joshi (PT) Incharge, SMCPT, SMIMS; Mr KC Panda, Sr. Finance Officer, SMU; Prof (Dr) C J Thomas, Head, Dept of Civil Engineering SMIT; Prof (Dr) Sanjiba Dutta, Head, Dept. of Psychiatry, SMIMS; Prof (Dr) Jyoti P Kulkarni, DCE (Medical), SMU.

Item No. I Confirmation of Minutes of the 44th Academic Senate Meeting of the University held on 14th July 2014 at Conference Hall, Level III, SMIMS College building , 5th Mile Tadong, Gangtok. (Annexure –I, Pg no. 24-59)

Decision: Confirmed.

Item No. II Review of Minutes: 44th Academic Senate Meeting.

Reimbursement & Remuneration for conducting Post Graduate (MD/MS) University Examination (SMU) w.e.f. 1st January 2014 as under was placed before the 43rd Academic Senate for consideration of approval of the Senate.

I. Examinations Fee

- a. Fee for Thesis / Dissertation Submission
Rs. 1500/- (Without Late Fee)
Rs. 3000/- (With Late Fee)
- b. University Examination Fee: Rs. 8000/-

II. Examiners Remuneration

- a. Thesis Evaluation: Rs. 1000/-
- b. Answer Scripts Evaluation
Rs. 50/- (Per Scripts)
Rs. 250/- (Minimum) up to 5 Scripts
- c. Practical & Viva Voce
Rs. 1500/- (On the day of Examination)
- d. Question Paper Setting
Rs. 400/- Per Set
- e. Moderation of Question Paper & Proof reading (to be distributed among the team).
Rs. 300/- Per Question Paper

Decision: - The 43rd Academic Senate approved the proposal for the forthcoming examination to be held in the April – May 2014. However, these rules are to be reviewed after the completion of the said examination. In view of the additional expenses due to the PG examinations, the fee collection vis-a-vis the examination related expenditure is to be reviewed by the examination sections of SMU in consultation with the Finance Department.

Decision: - The 44th Academic Senate members suggested the total income & expenditure for conducting the university examination for all the constituent units of the University is to be carried out in order to determine if fees being collected for examination purpose is adequate to meet the related expenses.

Progress: - Comparison of Examination Fees collected and Expenses during Financial Year 2013-14 (01.04.2013 to 31.03.2014) was done. It was felt that that the existing fees is adequate to meet the related expenses.

Placed before the Senate for information.

Decision: **Noted.**

FRESH AGENDA
45th Academic Senate Meeting
Sikkim Manipal University

Item No. III Nomination for member of Academic Senate of the University

Dr Arun Baran Samaddar, Director, NIT, Sikkim has been appointed as member of Academic Senate of the Sikkim Manipal University as a nominee of the Vice Chancellor for a period of three (3) years vide letter No.SMU/VC/2012-20 dated 21st March 2012.

His tenure will be completed on 22nd March 2015.

It is proposed to extend his tenure as member of Academic Senate of the University till his tenure in NIT, Sikkim.

Placed before the Senate for approval.

Decision: Approved.

Sikkim Manipal Institute of Technology (SMIT)

Item No. IV Reconstitution of BOS/continuation of existing BOS for the respective Departments of SMIT are as follows:-

A) Reconstitution of BOS for Dept of Computer Application, SMIT

Internal Members

- i. Prof (Dr) Ratika Pradhan, Head, Dept of CA, SMIT
- ii. Dr Samarjeet Borah, Asso prof, Dept of CA, SMIT
- iii. Mr Pijush Barthakur, Asso Prof, Dept.of CA, SMIT
- iv. Prof (Dr) MK Ghose,Dean A, SMIT
- v. Prof (Dr) Kalpana Sharma, Head, Dept of CSE, SMIT

External Members – consent awaited.

Placed before the Senate for approval.

Decision: Internal Members Approved. For external members, there should be one member from Industry and one from Academics.

B) Reconstitution of BOS for Dept of Civil Engineering, SMIT

External Members

- i. Dr Pallab Das, Dept. of Civil Engineering (Structural), NIT Silchar
- ii. Dr T Rahman, Asso Prof, Dept. of Civil Engineering, NIT Silchar
- iii. Mr Praveen Kumar Pradhan, Superintending Engineering, Dept. of Irrigation and Flood Control, Govt. of Sikkim.

Internal Members: Names of the internal members will be submitted in the next Senate for approval.

Placed before the Senate for approval.

Decision: For external members, there should be one member from Industry and one from Academics.

Dr Pallab Das, & Dr T Rahman both are from academics while Mr Praveen Kumar Pradhan is not from the industry, hence there is a need to revise the BoS.

C) Reconstitution of BOS members for CSE Department, SMIT

Internal Members

- i. Prof (Dr) Kalpana Sharma, Head, Dept. of CSE, SMIT
- ii. Prof (Dr) MK Ghose, Dean (A), SMIT
- iii. Prof (Dr) Ratika Pradhan, Head, Dept of CA, SMIT
- iv. Prof (Dr) CT Singh, Dept. of CSE, SMIT
- v. Mr Udit Kumar Chakraborty, Asso Prof, CSE, SMIT
- vi. Mr Biswaraj Sen, Asso Prof, CSE, SMIT

External Members

- i. Prof (Dr) Rajib Mall, Head, CSE, IIT, Kharagpur
- ii. Mr Trivikram Prasad, Software Engineering Director, Dell, Bangalore.

Placed before the Senate for approval.

Decision: Approved.

D) Reconstitution of BOS members for E &C Department, SMIT

Internal Members

- i. Prof (Dr) RN Bera, Head, Dept of E & C, SMIT
- ii. Prof (Dr) PC Pradhan, Head, Dept of SMIT –IT, SMIT
- iii. Mr OP Singh, Asso Prof, Dept of E&C, SMIT
- iv. Dr Sourav Dhar, Asso Prof, Dept of E & C, SMIT
- v. Mr Hemanta Saikia, Asso Prof, Dept of E&C, SMIT

External Members

- i. Prof (Dr) Subir Kr Sarkar, Dept of Electronics & Telecommunication Engineering, Jadavpur University, Kolkata-700032.
- ii. Shri Arijit Majunder, Scientist –D, SAMEER- Kolkata Centre, Ministry of communication & Information Technology, Govt. of India, Plot L2, Block GP, Sector –V, Salt Lake, Kolkata -700091.

Placed before the Senate for approval.

Decision: Internal Members Approved. For external members, there should be one member from Industry and one from Academics.

E) Reconstitution of BOS members for E &E Department, SMIT

Internal Members

- i. Prof (Dr) K S Sherpa, Head, Dept of E &E, SMIT
- ii. Mr Nasir Ansari, Asso Prof, Dept. of E &E, SMIT
- iii. Mrs Moumi Pandit, Asst.Prof –I, Dept of E &E, SMIT
- iv. Mr Bijay Rai, Asst. Prof –I, Dept of E&E, SMIT
- v. Mr Sandip Kr Gupta, Asst. Prof –II, Dept of E&E, SMIT
- vi. Mr Shabbiruddin, Asst. Prof –II, Dept Of E &E, SMIT

External Members

- i. Prof (Dr) Nirmal Kr Roy, Associate Dean (Academics) & Head, NIT, Durgapur, Kolkata.
- ii. Prof Arijit Basuray, NTPL, Visiting Professor, Jadavpur, Kolkata(Industrial Expert)
- iii. Prof (Dr) Praveen Kumar, IIT, Guwahati, Assam.

Placed before the Senate for approval.

Decision: Approved.

F) Reconstitution of BOS members for IT Department, SMIT

Internal Members

- i. Prof HKD Sarma, Dept of IT, SMIT
- ii. Mr U Baruah, Associate Professor, Dept. of IT, SMIT
- iii. Mr D Baruah, Associate Professor, Dept of IT, SMIT
- iv. Mrs P Rai, Associate Professor, Dept. of IT, SMIT

External Members

- i. Prof Rajib Mall, Dept of CSE, IIT, Kharagpur
- ii. Prof SB Nair, Dept of CSE, IIT, Guwahati

Placed before the Senate for approval.

Decision: Internal Members Approved. For external members, there should be one member from Industry and one from Academics.

G) Reconstitution of BOS members for ME Department, SMIT

Internal Members

- i. Prof (Dr) BB Pradhan, Head, Dept of ME, SMIT
- ii. Prof (Dr) PS Bandyopadhyay, Dept. of ME, SMIT
- iii. Mr Ruben Phipon, Dept of ME, SMIT
- iv. Mr AP Tiwary, Dept of ME, SMIT
- v. Mr AK Roy, Dean (R &D)SMIT
- vi. Mr M K Roy, Dept of ME, SMIT

External Members

- i. Prof (Dr) B Bhattacharyya, Jadavpur University, Kolkata
- ii. Mr Sandip Choudhury, Tractors India Limited (TIL),Kolkata

Placed before the Senate for approval.

Decision: Approved.

H) Reconstitution of BOS members for Chemistry Department, SMIT

Internal Members

- i. Prof Sangeeta Jha, Head, Dept of Chemistry, SMIT
- ii. Prof Sanjay Dahal, Dept of Chemistry, SMIT
- iii. Dr Nayan Kamal Bhattacharyya, Asso Prof, Dept of Chemistry, SMIT
- iv. Dr Satadru Jha, Asso Prof, Dept. of Chemistry, SMIT
- v. Mr Santanu Gupta, Asst. Prof(SG) Dept of Chemistry, SMIT

External Members

- i. Prof SK Saha, Dept. of Chemistry, NBU, Siliguri
- ii. Prof MN Ray, Dept. of Chemistry, NBU, Siliguri

Placed before the Senate for approval.

Decision: Internal Members Approved. For external members, there should be one member from Industry and one from Academics.

I) Reconstitution of BOS members for Physics Department, SMIT

Internal Members

- i. Prof (Dr) V K Sayal, Head, Dept of Physics, SMIT
- ii. Prof GC Mishra, Dept. of Physics, SMIT
- iii. Dr U Deka, Asso Prof, Dept.of Physics, SMIT

External Members

- i. Dr Pradip Kr Mondal, Dept of Physics, NBU, Siliguri
- ii. Prof Alike Khare, Dept of Physics, IIT Guwahati

Placed before the Senate for approval.

Decision: Approved.

J) Reconstitution of BOS members for Dept. of Management Studies, SMIT

Internal Members

- i. Prof (Dr) Ajeya Jha, Head, Dept of Mgt.Studies, SMIT
- ii. Prof (Dr) BB Pradhan, Dept of ME, SMIT
- iii. Dr HKD Sarma, Dept. of SMU-IT, SMIT
- iv. Mr Manjit Singh, Dept. of Mgt.Studies, SMIT
- v. Dr Anindita Adhikari, Dept. of Mgt.Studies, SMIT

External Members

- i. Dr RM Pant, Director, NIRD, Guwahati
- ii. Prof (Dr) Gautam Dutta, IIFT
- iii. Prof (Dr) PR Sengupta, North Bengal University, Siliguri

Placed before the Senate for approval.

Decision: Internal Members Approved. For external members there should be one member from Industry and one from Academics.

K) Reconstitution of BOS members for Dept. of Mathematics, SMIT

Internal Members

- i. Prof (Dr) BS Dandapat, Head, Dept. of Mathematics, SMIT
- ii. Prof (Dr) Anjan Raychaudhuri, Dept of Mathematics, SMIT
- iii. Dr Achit Yajnik, Dept of Mathematics, SMIT
- iv. Dr Santanu Savapondit, Dept. of Mathematics, SMIT
- v. Dr Pankaj Chettri, Dept.of Mathematics, SMIT
- vi. Dr Biswajit Deb, Dept of Mathematics, SMIT

External Members

- i. Prof (Dr) B N Mondal, ISI, Kolkata
- ii. Prof (Dr) A Mukhopadhyay, Vivekananda College, Burdwan, W.B
- iii. Prof (Dr) Rudra Kanta Deka, Dept of mathematics, Gauhati University

Placed before the Senate for approval.

Decision: Approved.

Item No V. Approval for Open Electives proposed by CSE on (i) Big Data and (ii) Advanced Cryptography and Network Security, and inclusion of Advanced Java Programming as Elective for B Tech 7th Semester CSE students.

(Annexure –II, Pg no. 60-68)

Placed before the Senate for approval.

Decision: Approved.

Item No. VI Regarding Major Project Visit.

The department of Computer science & Engineering suggests On-Site Project Review /Inspection of Major Projects carried out at external organisation. This exercise will benefit the students in terms of the type of project they carry out in external organisation. Also, interaction with external organizations can result in identifying organizations with the prospect of employment for our students.

Placed before the Senate for approval.

Decision: Not Approved.

Item No.VII Minor Modification (Less than 10% and Re-structuring of Units of the B Tech Subjects.

Sl No	Sub Code	Sub Name	Semester	Modification	Restructuring of Units	Justification
a	CSE 304	DIGITAL CIRCUITS & LOGIC DESIGN	III		Restructuring of Units	a. The interchange of subsections (Sub Section 4 of Unit I and Sub Section 3 of Unit II) is to maintain the balance of difficulty level in both the units of existing syllabus. b. No changes in the content of the existing syllabus.
b	CSE 305	PC HARDWARE AND PERIPHERALS	III	Less than 10% modification is required		a. Repetitive topics in UNIT-I and UNIT-II. b. All the contents from 3 rd Topic(UNIT-I) is repetition of DCLD. c. Topics highlighting basics and

						background knowledge related to controllers required to understand the functioning of controllers which is not there in current syllabus. d. Topics from controller (INIT-II) need to be reduced.
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Decision : Approved.

Item No.VIII M Tech (Computer Science & Engineering)

The department of Computer Science & Engineering proposes the following changes in the duration of M Tech (CSE) programme.

a. Existing

Name of the Programme	Type of Registration	Duration of Course work	Duration of Major project	Total Duration of Course
M Tech (CSE)	Part Time	2 Years (Four Parts)	1 Year (Two Semesters)	03 years

b. Proposed

Name of the Programme	Type of Registration	Duration of Course work	Duration of Major project	Total Duration of Course
M Tech (CSE)	Part Time	2 Years (Four Parts)	1 ½ Year	3½ Years (Increase duration of major Project by 06 months)

c. Justification:

- i. There is a tendency of students joining M Tech (CSE) as full time candidates and after completion of First Year (i.e post completion of theory papers), the student converts their registration as Part Time and resume their duty which affects the progress of Major project Work.
- ii. In- Service students joining M Tech (CSE) on study leave must furnish Service

Relieve Order from their employer for the entire duration of their M Tech Programme.

Placed before the Senate for approval.

Decision: Not Approved. Candidates should not be allowed to convert their registration from full time to part time in the middle of the course.

Item No.IX Introduction of Elective “Advanced Cryptography and Network Security” for M Tech student from Academic Session 2014-15.

Security has always been an integral part of any information system. Introduction of the subject in M Tech as an elective would highlight its importance on Advance Computer Networks and Distributed systems which are the core subjects of the curriculum. From the research point of view it is an important issue to be included, understood and analyzed. Many students have keenly interested on working with security related problems for their major project. Thus, the subject would equip the student with the basic security related concepts, services and mechanism and would also cater with the latest trends and information.

Placed before the Senate for approval.

Decision: Approved as an open elective. Syllabus should be more advanced as compared to B Tech level since this subject is also offered at under graduate level.

Item No.X Fee Concession and Fee Waiver Schemes (For Engineering)

Existing

- First 10 candidates admitted under JEE having national level rank within 50000.
- First 10 candidates admitted under MU-OET category having rank within 1000
- First 10 candidates scores more than 90% marks in PCM at 10+2 level.

Proposed

- First 15 candidates admitted under MU-OET category having rank within 1000
- First 15 candidates scores more than 90% marks in PCM at 10+2 level.

Subject to no students available within first 50000 all India rank in JEE.

Placed before the Senate for approval.

Decision: Approved.

Item No. XI Introduction of Environmental Science for B Tech Students

B Tech Environmental Science syllabus of SMIT has been compared with UGC guidelines, and the observations and finding are noted in following points: -

SMIT is following the syllabus as prescribed by UGC. The existing syllabus consists of all the seven units of model as prescribed by University Grants Commission given as below.

- a) Definition, scope, application and significance of Environmental Science for future engineers
- b) Population and environment relationship
- c) Natural resources of earth – Non –renewal and renewable
- d) Ecosystem structure & function
- e) Biodiversity and conservation
- f) Environmental Pollution aspects
- g) Social & global issues like global warming, stratospheric ozone depletion, acid rain etc.

However, the credit of Environmental Science is kept 2 in SMIT, whereas it is recommended as 4 credit course in UGC guidelines.

Currently there is no provision of field work in Environment Science syllabus as recommended by UGC (25 marks out of 100 marks evaluation).

Placed before the Senate for necessary directions.

Decision:

- i. **Approved for introduction of field work in Environment Science syllabus as recommended by UGC.**
- ii. **Presently no change in the credit requirement.**

Item No. XII Discontinuation of course on Academic Grounds

As per the Not Fit for Technical Education (NFTE) rule for Engineering, a student will be declared NFTE, if he fails to get promotion from 1st to 2nd year within two years of admission or if he fails to complete the course within eight years (i.e double the normal course duration).

However, no such rules are framed for other courses.

It is proposed to have the following rules to disallow a student to pursue a course on academic grounds:-

- i) For BCA, BBA, MCA
 - A student should earn minimum number of credits for promotion to 2nd year within two years of admission.
 - A student should complete the course within double the normal course duration.

ii) For MBA & MSc

- A student should complete the course within double the normal course duration.

Placed before the Senate for approval.

Decision: Approved.

Item No. XIII Approval of restructured syllabus for the uniformity in Course codes, structures and question paper formats for the theory papers of the following courses to be effective from 2013-14 batch.

- B.Tech (AEI)
- B.Tech (CE)
- B.Tech & M. Tech (CSE)
- B.Tech (ECE), M. Tech (DEAC) & M. Tech (VLSI)
- B.Tech (EEE) & M.Tech (Power & Electronics)
- B.Tech & M. Tech (IT) &
- M. Tech (MSNT)
- BCA
- MCA
- Integrated MCA
- BBA
- MBA
- M.Sc in Chemistry
- M.Sc in Mathematics
- M.Sc in Physics
- M. Phil in Mathematics

The Schema's are given in

(Annexure –III, Pg no. 69-125)

The students with back/rejoined papers shall also have to follow the new structure of question paper.

- i) Uniformity of question paper has been already implemented from November / December 2014 Examination.
- ii) Uniformity of course code is effective from 2013-14 batch onwards for engineering and from 2014-15 for other courses.

Placed before the Senate for approval.

Decision: Approved.

Item No. XIV Approval for Academic calendar of Even Semester 2014 - 15.

Placed before the Senate for approval. (Annexure –IV, Pg no. 126)

Decision: Approved.

Item No. XV Approval for Open Electives proposed by Mathematics Department on (i) Graph Theory, Algorithms and Applications and (ii) Operations Research

Placed before the Senate for approval. (Annexure -V, Pg no. 127-129)

Decision: Approved. Examples may be selected from applied areas of engineering and management. Operation Research can be floated as an elective to the engineering and other courses who do not have these subjects in their curriculum after seeking feedback from the concerned departments.

Item No. XVI Closure of Extra semester of final year students:

- a) As the parallel semesters are introduced wef. 2012-13 batch, the options for conducting extra semester classes/examinations for final year may be continued till 2012-13 batch passes out in June 2016.
- b) The same may be notified for the knowledge of the students of 2013-14 and later.
- c) Extra-semester if permitted for final year students can be conducted during the month of August/September. This will avoid the presence of senior students in the campus during the admission period. Results of final year students can be declared by June. Convocation can be scheduled in the month of October/November by which time the results of extra-semester will be available and the final list of passing out students ready.

Placed before the Senate for approval.

Decision: Serial numbers (a) and (b) are approved. However serial number (c) is not approved and status quo to be maintained for extra semester till its discontinuation.

Item No. XVII Registration for the subjects to be appeared in examinations by the students shall compulsorily be done at the beginning of each semester.

- a) While registering, the students shall clearly mention the nos. of regular subjects as well as the back papers, rejoining papers etc. with codes and names.
- b) The students shall apply through their HODs to Dean (A) in the given format

(Annexure – VI, Pg no. 130)

Placed before the Senate for approval.

Decision: Approved.

Item No. XVIII Constitution of DRC for each individual Ph.D. work instead of a common DPRC

- a) For systematic reviews of Ph.D. work, separate Doctoral Review Committee (DRC) for each scholar may be constituted with experts from the relevant research areas chosen from within/outside the department.
- b) DRC may consist of 3 members with additional members of guide/co-guide as invitees and the Dean (R & D) as the ex-officio member.
- c) DRC shall report to the Chairman, IRPEC/Director, SMIT.

Placed before the Senate for approval.

Decision: This is already in practice. Instead of Doctoral Review Committee (DRC) the said committee is known as Research Progress Committee (RPC) in the university PhD rules. The RPC will have two members from the concerned department, one member from another department knowledgeable in the subject concerned. Director and Dean R&D will be present for all RPC proceedings. It is advisable to include one external expert of the subject also.

Item No. XIX Minimum Cut off marks for passing a theory subject.

It is proposed to keep the minimum cut off for passing a passing a theory subject at 35 out of 100 (inclusive of both in-sem and end sem marks) subject to the condition that the student has appeared in both examinations. This shall supersede the decision of 44th ASM (Item No VIII) dated 14 July 2014 and letter No SMU/Reg/2014-282 Dated 20 May 2014.

Placed before the Senate for Ratification.

Decision: Ratified. Further the pass marks and award of grades for lab will be reverted to that followed for 2012 and earlier batches. The minimum pass marks will continue to be between 35 and 50 overall depending upon the class average as has been the practice.

Item No. XX Dept. of Anatomy, SMIMS

- A) Index page to be added in Histology record books.

Placed before the Senate for approval.

Decision: Approved.

- B) Four questions for each topic to be printed in the Histology record books.

Placed before the Senate for approval.

Decision: Approved.

- C) 4 marks clinical problem based question to be added in Anatomy Paper I & Paper II each in the University Examination.

Placed before the Senate for approval.

Decision: Approved.

Item No. XXI EXAM CELL, MEDICAL

- A) **Guidelines for MD/MS thesis to be ratified.** (Annexure –VII, Pg no. 131)

Placed before the senate for ratification.

Decision: Ratified.

- B) **Approval of Dr Luna Adhikari as an Internal Examiner for MD Microbiology Exam** (Annexure-VIII, Pg no. 132)
2011 approved as PG Teacher. 2014 proposed to be approved as internal examiner for MD Microbiology.

Placed before the Senate for approval.

Decision: Approved.

- C) **Guidelines for Thesis Evaluation according to MCI amendment May 2013,**
“The thesis shall be examined by a minimum of 3 examiners, one internal & two external examiners, who shall not be the examiners for Theory & Clinical, & on the acceptance of the thesis by two examiners, the candidate shall appear for final the examination”.

(Annexure –IX, Pg no. 133-134)

Placed before the Senate for information.

Decision: Noted.

D) Guidelines for Division of Class declaration of MSc Courses.

Existing Ranking of results: - Students obtaining 50% and above upto less than 60% shall be declared as passed. Students obtaining 60% and above up to less than 70% shall be declared as passed with first class. Students obtaining 70% and above shall be declared as passed with distinction. A mention of the specialty of the students dissertation work will be made in the university certificate.

Manipal University, Manipal: - 75% and above – First Class with Distinction, 65% and above but less than 75% - First Class, 55% and above but less than 65% - Second Class, Less than 55% but pass – Pass Class.

Proposal: - Students obtaining 50% and above upto less than 55% shall be declared as passed. Students obtaining 55% and above up to less than 60% shall be declared as passed with second class. Students obtaining 60% and above upto less than 75% shall be declared as passed with first class. Students obtaining 75% and above shall be declared as passed first class with distinction. A mention of the specialty of the students dissertation work will be made in the university certificate.

Placed before the Senate for approval.

Decision: Approved.

E) Increase in thesis submission fees for MD/MS examination.

At present it is Rs 1500/- and with late fee Rs 3000/-. It is proposed to increase this to Rs. 3000/- and with late fee Rs. 4500/- in view of thesis being sent to three examiners which itself amounts to Rs 1000/- per examiner. This does not include postage and other expenses.

Placed before the Senate for necessary directions.

Decision: Approved

F) Expenditure of MD/MS examination –

Currently the examination fee is Rs 8000/-. Apart from the regular examination there is also a supplementary examination which is conducted after 6 months. Recently to conduct supplementary examination for a single candidate against the examination fee of Rs. 8000/- expenditure was exorbitantly high. Hence it is proposed to increase the supplementary examination fee to Rs 30,000/-.

Placed before the Senate for necessary directions.

Decision: The MD/MS examination fees will be uniformly raised from Rs.8000/- to Rs.15000/- irrespective of the examination being regular or supplementary. This is to be ratified in the upcoming Finance Committee Meeting.

G) Increase of charges for degree certificate.

Currently, the cost of the folder with transparent sheet is Rs 110/-, cost of printing the certificate is Rs 150/-. Added to this is the courier cost. Hence it is proposed to increase of charges for degree certificate from 300/- to 500/-

Placed before the Senate for approval.

Decision: Approved.

H) Increase in contingency/ working lunch remuneration.

At present -

Contingency – 100/- per person/per day (4 Examiners + 2 experts)

Lunch – 130/- per person (4 Examiners + 1 expert)

It is requested that remuneration for one more expert may be included for making the lunch arrangement.

Placed before the Senate for approval.

Decision: Approved.

Item No. XXII PhD Programme

A) The following research scholars of the University had successfully defended their theses & awarded with PhD degree during the 14th Convocation of SMU.

a. Nidhi Dwivedy, External/Part Time, Reg No.201010019, Dept. of Mgt. Studies, SMIT.

Guide : - Prof (Dr) Niranjana Upadhyay, Dept. of Mgt.Studies, SMIT

Topic : - “Role of Female Labour in Farming Sector – A study of State of Sikkim”.

b. Ramesh Sharma, Internal/ Part Time, Reg. No. 200910012, Dept. of Chemistry, SMIT.

Guide : - Prof (Dr) Sanjay Dahal, Dept. of Chemistry, SMIT

Topic : - “Physico-Chemical Properties of Sodium carboxymethylcellulose in Ethylene Glycol-Water Mixed Solvent Media”

c. Manjushree Mishra, Internal/Part Time, Reg. No. 201010018, Dept. of Mgt. Studies, SMIT.

Guide :- Prof (Dr) Ajeya Jha, Head, Dept. of Mgt. Studies, SMIT.

Topic :- “Post reform industrial scenario of Sikkim with special reference to hydroelectricity, tourism, pharmaceuticals and tea”.

- d. **Mrs Shubra Poonia**, Full Time, Registration No. **201110006**, Department of Microbiology, SMIMS

Guide : - Prof (Dr) TSK Singh, Head, Dept. of Microbiology, SMIMS
Coguide : - Dr Dechen C Tsering, Asso. Professor, Dept of Microbiology, SMIMS.
Topic : - "Study of water quality in rural areas of East Sikkim through physico-chemical and bacteriological analysis and antibiotic susceptibility of bacterial isolates"

- e. **Barnali Paul**, External/Part time, Reg no. 201010026, Dept of Biochemistry, SMIMS.

Guide : - Prof (Dr) PK Mitra, Head, Dept. of Medical Biotechnology, SMIMS.
Coguide : - Prof (Dr) TA Singh, Head, Dept. of Biochemistry, SMIMS
Topic : - "Studies on the Anti -Growth Factor of Staphylococcus Aureus present in Cassia Alata Linn".

- f. **Rinchenla Bhutia**, External/Part Time, Reg. no. 200710015, Dept. of Microbiology, SMIMS

Guide : - Dr J Mahanta, Director & Scientist G, RMRC (ICMR), NE Region, Dibrugarh, Assam.
Coguide : - Prof (Dr) TSK Singh, Head, Dept. of Microbiology, SMIMS
Topic : - "**Direct Detention of rpoB mutation in sputum smear as a marker of RIFAMPICIN resistance under Dots in Sikkim, India**".

Placed before the Senate for ratification.

Decision: Ratified.

- B) **Review report has been received from the two examiners. The scholar has to submit the modified thesis as suggested by examiners.**

- a. **Ruben Phipon**, Internal/Part Time, Reg. No. 200910008, Dept.of ME, SMIT

Guide : - Prof (Dr) BB Pradhan, Head, Dept. of ME, SMIT
Topic : - "Solution of Machining Optimization problems using genetic Algorithm".

- b. **Mohan Pratap Pradhan**, Internal/Part Time, Reg. No.201010006, Dept of CSE, SMIT

Guide : - Prof (Dr) MK Ghose, Head, Dept. of CSE, SMIT.
Topic : - Development of Automatic Digitization Techniques for GIS

Applications”.

- c. **Indoo Singh**, Part Time, Reg. no. 201010016, Dept. of Mgt.Studies, SMIT
Guide : - Prof (Dr) Ajeya Jha, Head, Dept. of Mgt. Studies,SMIT
Topic :- Study on Emotional Intelligence in Teaching Performance for Medical and Technical Education”.

Placed before the Senate for information.

Decision: Noted.

- C) **Theses of the following research scholars have been sent to the examiners for review.**

- a. **Sonam Choden Bhutia**, Internal/ Part time, Reg no. 20081002, Dept. of Biochemistry, SMIMS.
Guide : - Prof (Dr) TA Singh, Head, Dept.of Biochemistry, SMIMS
Topic : - **“Production of polyclonal antibody against osteogenic Protein -1(Op—1) In Arthritic Synovial Fluid and Study for Immunodiagnostic Utility and Correlationship with Oxidative Stress Markers in Arthritis.”**
- b. **Sunil Kr Pandey**, Internal/Part Time, Reg. No. 200810001, Dept. of Pharmacology, SMIMS.
Guide :- Prof (Dr) Amit Chakrabarti, Indian Council of Medical Research (ICMR), Kolkata.
Coguide :- Prof (Dr) Sanjiba Datta, Head, Dept. of Psychiatry, SMIMS
Coguide :- Dr Yogesh Verma, Associate Professor, Dept.of Pathology, STNM Hospital
Topic :- **“Availiability, Accessibility and Acceptability of Treatment of Alcohol and Other Drug Abuse in Sikkim”.**
- c. **Debranjana Datta**, Internal/Part Time, Reg No. 200810003, Pharmacology, SMIMS.
Guide : - Prof (Dr) Amit Chakrabarti, Indian Council of Medical Research (ICMR), Kolkata.
Coguide : - Prof (Dr) Sanjiba Datta, Head, Dept. of Psychiatry, SMIMS
Coguide : - Dr Yogesh Verma, Associate Professor, Dept.of Pathology, STNM Hospital.
Topic : - **“Epidemiology of prescription opioid abuse in Sikkim”.**
- d. **Ranabir Pal**, Internal/Part Time, Reg No. 200710009, Dept. of Chemistry, SMIT
Guide : - Prof (Dr) Sanjay Dahal, Dept of Chemistry, SMIT
Topic : - **“Diagnosis of pulmonary diseases by the analysis of**

exhaled breath with a colorimetric sensor array”.

Placed before the Senate for information.

Decision: Noted.

D) The consents to review the thesis of the following research scholar has been received from the examiners, however the scholar is yet to submit the thesis.

- a. **Raja Roy Choudhary**, Internal/Part Time, Reg.no. 201110003, Dept. of CSE, SMIT
- | | | |
|-------|----|--|
| Guide | :- | Prof (Dr) MK Ghose,Dean (A),SMIT |
| Topic | :- | “An efficient semi analytical model using robust Nonlinear unconstrained optimization of an optical fiber having Kerr Nonlinearity and graded index fiber”. |

Placed before the Senate for information.

Decision: Noted.

E) The synopsis of the following research scholar has been sent to the examiners for review.

- a. **Priyanka Paul Biswas**, External/Part Time/Dept of Microbiology, SMIMS
- | | | |
|---------|-----|--|
| Guide | : - | Prof (Dr) Sangeeta Dey, |
| Coguide | :- | Prof (Dr) Luna Adhikari, Dept. of Microbiology, SMIMS. |
| Topic | : - | Phenotypic and Genotypic heterogeneity of Enterococcus species with reference to detection of virulence markers. |
- b. **Mousami Gupta**, Internal/Part Time/ Dept of CSE, SMIT
- | | | |
|----------|----|--|
| Guide | :- | Prof. S. N. Biswas, ISI Kolkata |
| Co-Guide | :- | Prof. R. N. Bera, ECE Department SMIT |
| Topic | :- | Some intervention on target detection for possible use for surveillance. |
- c. **Selvam Ramachandran**, Internal/Part Time/ SMCPT
- | | | |
|-------|----|--|
| Guide | :- | Dr Sudip Dutta, Pediatrics Department, SMIMS |
| Topic | :- | Effect of early therapy intervention on singleton preterm very low birth weight infant at high risk of developing motor developmental delay- a randomized controlled clinical trial. |

Placed before the Senate for information.

Decision: Noted.

F) PhD Registration

- a. Mrs Papri Ghosh, External/Part Time, Reg.no. **201410009**, (**Provisional**) Dept of CSE, SMIT.
- | | | |
|---------|-----|--|
| Guide | : - | Prof Chingtham Tejbanta Singh, Dept pf CSE, SMIT |
| Coguide | : - | Prof (Dr) MK Ghose, Dean (A), SMIT |
| Topic | : - | "Augmentation of Human Computer interaction using computational Intelligence". |
- b. Ms Barkha Devi, Internal/Part Time, Reg.no. **201410010**, SMCON
- | | | |
|---------|-----|--|
| Guide | : - | Prof (Dr) Bidita Khandelwal, Dept. of Medicine, SMIMS |
| Coguide | : - | Prof Mridula Das, Principal, SMCON |
| Topic | : - | Video Based Demonstration as a complement of replacement for the conventional method on antenatal examination. |
- c. Ms Thoudam Bedita Devi, Internal/Part Time, Reg.no **201410011**, Dept of Anatomy, SMIMS
- | | | |
|---------|-----|---|
| Guide | : - | Prof (Dr) Th. Naranbabu Singh, Dept of Anatomy, Regional Institute of Medical Sciences (RIMS), Imphal, Manipur. Pin-795001. |
| Coguide | : - | Prof (Dr) S Jibonkumar Singh, Head, Dept of Anthropology, Manipur University, Canchipur, Imphal, Manipur Pin – 795001. |
| Coguide | : - | Dr Binod Kumar Tamang, Asso Prof, Dept of Anatomy, SMIMS |
| Topic | : - | Secular trend in the cephalometric characters of the Meitei males of Manipur Valley. |
- d. Ms Frieda Bokali P Engheepi, Full Time, Reg no. **201410012**, Dept of Community Medicine, SMIMS
- | | | |
|---------|-----|---|
| Guide | : - | Brig (Retd) Dr V K Mehta, Dept of Comm Medicine, SMIMS |
| Coguide | : - | Dr Nikita Joshi, Principal Incharge, SMCPT |
| Topic | : - | Assessment of Functional Status of Elderly in terms of Environmental barriers and its relation to disability in East Sikkim, India –a longitudinal study. |
- e. Col Ajay Dheer, External/Part Time, Reg no. **201410013**, Dept of Comm Medicine, SMIMS
- | | | |
|-------|-----|---|
| Guide | : - | Brig (Retd) Dr VK Mehta, Dept of Community Medicine, SMIMS |
| Topic | : - | Attrition of manpower due to high altitudes illness : A human |

resource management perspective.

- f. Mr Birendra Kumar Jha, External/Part Time, Reg no. **201410014, (Provisional)** Dept. of Biochemistry, SMIMS.
- Guide : - Prof (Dr) Mingma L Sherpa, Dept of Biochemistry, SMIMS
- Coguide : - Prof (Dr) BK Dahal. Dept.of Medicine, Janaki Medical College, Teaching Hospital, Janakpurdham, Nepal.
- Topic : - "Evaluation of atherogenic dyslipidemia, inflammatory marker And Pro-throbotic status in Metabolic Syndrome in Janakpur zone, Nepal.
- g. Mr Kul Bahadur Subba, External/Part Time, Reg no. 201410015 **(Provisional)** Dept. of Medical Biotechnology, SMIMS.
- Guide : - Prof (Dr) PK Mitra, Head, Dept. of Medical Biotech, SMIMS.
- Coguide : - Dr BC Basistha, Addl. Director, Dept.of Science & Technology & Climate Change, Sikkim State Council of Science & Technology, Gangtok.
- Topic : - "Studies on genetic diversity somatic hybridization and a fungal disease of Amomum Subulatum Romb: a medicinal and cash crop plant of Sikkim.

Placed before the Senate for ratification.

Decision: Ratified.

G) PhD Guides

The University Research Committee of SMU had approved the following as PhD Guides/Coguides:-

- a. Prof Chingtham Tejbanta Singh, Dept pf CSE, SMIT (Guide)
- b. Prof (Dr) MK Ghose, Dean (A), SMIT (Coguide)
- c. Prof (Dr) Bidita Khandelwal, Dept. of Medicine, SMIMS (Guide)
- d. Prof Mridula Das, Principal, SMCON (Coguide)
- e. Prof (Dr) Th. Naranbabu Singh, Dept of Anatomy, Regional Institute of Medical Sciences (RIMS), Imphal, Manipur. Pin-795001 (Guide)
- f. Prof (Dr) S Jibonkumar Singh, Head, Dept of Anthropology, Manipur University, Canchipur, Imphal, Manipur Pin – 795001 (Coguide)
- g. Dr Binod Kumar Tamang, Asso Prof, Dept of Anatomy, SMIMS (Coguide)
- h. Brig (Retd) Dr V K Mehta, Dept of Community Medicine, SMIMS (Guide)
- i. Dr Nikita Joshi, Principal Incharge, SMCPT (Coguide)
- j. Prof (Dr) Mingma L Sherpa, Dept of Biochemistry, SMIMS (Guide)
- k. Prof (Dr) BK Dahal. Dept.of Medicine, Janaki Medical College, Teaching Hospital, Janakpurdham, Nepal. (Coguide)

- l. Prof (Dr) PK Mitra, Head, Dept. of Medical Biotechnology, SMIMS (Guide)
- m. Dr BC Basistha, Addl. Director, Dept.of Science & Technology & Climate Change, Sikkim State Council of Science & Technology, Gangtok.(Coguide)

Placed before the Senate for approval.

Decision: Approved.

H) **Inclusion of a Coguide** – The University Research Committee of SMU in its meeting held on 20th Oct, 2014 approved Dr Deepika Tiwari, Dept. of Mgt.Studies, SMIT as a coguide in addition to Dr G P Sudhakar, formerly from Dept of Mgt. Studies, SMUDDE of research scholar, Mr Girish V Gurjar, registration no. 201410005, Dept. of Mgt. Studies, SMUDDE.

Placed before the Senate for ratification.

Decision: Ratified.

I) PhD Entrance Exam

The entrance exam for PhD programme of the University was held on 23rd Nov, 2014. Out of 34 candidates who appeared in the entrance test, 29 candidates qualified in the said examination.

Placed before the Senate for information.

Decision: Noted.

Item No. XXIII Change in Examination Pattern

The University has issued a notification vide letter no. SMU/Reg. Acad/2014 – 160 dated 12th Nov, 2014 for Change in Examination pattern. The same is placed before the Senate for ratification.

The DEB/UGC Expert Committee which visited the University on 23rd -24th May has recommended that the present evaluation system of the University fails to assess learning potential and analytical skill of the learner. It was further recommended that SMU must follow descriptive test & question may carry 2/5/10/12/16 for the term end examinations. The 40% pass marks should be applicable to both internal assignments and Term end examinations.

The above recommendations of the Committee limits the scope of the MCQ (Multiple Choice questions) while giving more weightage to descriptive questions. In view of the above, the following changes are hereby introduced with effect from the Academic Session July 2015.

1. The maximum marks for each paper should be 100 marks irrespective of the credits and would comprise of 70 marks for Term-end examination and 30 marks for Internal assessment.
2. The Term-end examination shall be of 3(Three) hours duration and may consist of 8 questions with following weightage, namely 2/5/10 marks. Each paper will consist of 3 sections A, B and C. Section A will be MCQ with 10 parts, each carrying 2 marks which amounts to 30% of the Term-end examination. Section B will consist of 4 questions, each carrying 5 marks, all of these will be descriptive questions. Section C will have 3 questions of 10 marks each. Thus the total of Section A, B & C becomes 70 marks.
3. Internal assignment will carry 30 marks and may consist of 6 questions of 5 marks each. Question should be framed in such a way that it covers the entire syllabus.

With the adoption of the above, the QP pattern for Term-end examination may be as below :-

Pattern - 2/4 credit paper – Total 70 marks (3 hours paper)

Part –A [10 x 2 marks =20 marks]: MCQ

Part –B [4 x 5 marks=20 marks]: Descriptive Type

Part –C [3 x 10 mark = 30 marks]: Descriptive Type

Adopt existing Grade System					
2/4 – Credit Paper					
Total – Marks : 100					
	Max marks	Min. passing mark	Min. Pass percentage		
IA	30	12	40%		
UE	70	28	40%		
For 2 credit paper the total – marks 100 to be reduced to 50 marks having following pass percentage					
	Max. Marks	Min. Passing mark	Weightage		
IA	15	6	40%		
UE	35	14	40%		

Placed before the Senate for ratification.

Decision: Ratified.

Item No. XXIV Any other agenda with the permission of the Chair.

Additional Agenda Point

Item No. XXV Two programs of IT Dept have been revised. The revised structure and syllabi are provided as Annexures.

- a. BSc IT (Annexure –X & X₁, Pg no. 135-185)
- b. MSc CS (Annexure –XI & XI₁, Pg no. 186-203)

Both of them have the approval of BoS dated: 02.12. 2014.

Placed before the Senate for approval.

Decision: Approved.

Item No. XXVI All publications of the faculty of the constituent units of SMU to mention university name in their publication.

During the recent Manipal Education System Vice Chancellors (MESVCC) conference, Dr Karthick Sridhar, Vice Chairman Indian Centre for Assessment & Accreditation (ICAA) gave a presentation on the University Rankings. He highlighted during the presentation that due to faculty mentioning only the institute name in their publications the university was not getting the credit for the said publication during the ranking process.

It is proposed that henceforth all research publications from constituent colleges of SMU should mention the university name so that it gets reflected in the ranking of the university.

Placed before the Senate for Approval.

Decision: Approved.

- i) All the research publications from the constituent collages of SMU should mention first the university name followed by the college name in any publication.
- ii) Copy/details of the publication to be forwarded to the University.
- iii) SMU logo must be there for the presentation of paper in any conference (National / International).

The Meeting ended with vote of thanks by the Registrar, SMU




REGISTRAR
SIKKIM MANIPAL UNIVERSITY
5TH MILE, TADONG
SIKKIM-737102

MINUTES

46th Academic Senate Meeting

Sikkim Manipal University

2015

MINUTES

46th Academic Senate Meeting Sikkim Manipal University

Time: 10:00 AM

Date: 3rd August, 2015

Venue: Conference Hall,
Level- III, SMIMS College Building

Meeting began with the welcome address by the Registrar, SMU.

Members Present

Brig (Dr) S N Mishra, Vice Chancellor, SMU; Dr Arun Baran Samaddar, Director, NIT, Sikkim; Air Marshal (Retd.) Dr G S Joneja, VM, Dean, SMIMS; SMIT; Prof (Dr) Ashis Sharma, Registrar, SMU; Prof (Dr) MK Ghose, Dean Academics, SMIT; Prof C J Thomas, Head, Dept of Civil Engineering SMIT; Prof (Dr) Karma Sonam Sherpa, HoD, E&E Engg , SMIT; Prof (Dr) G. C. Mishra, DCE (Tech) SMIT; Prof Mridula Das, Principal, SMCON; Prof (Dr) Sanjiba Dutta, Head, Dept. of Psychiatry, SMIMS; Prof (Dr) Bidita Khandelwal, Head, Dept of Medicine, SMIMS; Prof (Dr) Jyoti P Kulkarni, DCE (Medical), SMIMS; Dr Nikita Joshi (PT) Incharge, SMCPT, SMIMS; Prof Senthil Kumar L, Head, Dept. of IT, SMUDDE; Dr. Manoj Nagasampige, Professor & Head, Healthcare Science, SMUDDE; Mr. Debasis Sinha, Head HR, SMU

Members granted leave of absence

Col (Dr) Sadasivan Thekkey Veetil (Retd.) Director, SMIT; Prof (Dr) N S Ramesh Murthy, Director, SMUDDE; Mr KC Panda, Sr. Finance Officer, SMU.

Item No. I. Confirmation of Minutes of the 45th Academic Senate Meeting of the University held on January 07, 2015 at Conference Hall, Level III, SMIMS College building , 5th Mile Tadong, Gangtok. (Annexure – I, Pg No. 35 – 62)

Decision: Confirmed.

Item No. II. Review of Minutes; 45th Academic Senate Meeting

A) Reconstitution of BOS for Dept of Computer Application, SMIT

Decision: Internal Members Approved. For external members, there should be one member from Industry and one from Academics.

Progress: -

Internal Members

- i. Prof (Dr) MK Ghose, Dean A, SMIT
- ii. Prof (Dr) Kalpana Sharma, Head, Dept of CSE, SMIT
- iii. Prof (Dr) Ratika Pradhan, Head, Dept of CA, SMIT
- iv. Dr Samarjeet Borah, Asso prof, Dept of CA, SMIT
- v. Mr Pijush Barthakur, Asso Prof, Dept.of CA, SMIT

External Members

- i. Dr. Nabarum Bhattacharyya, Associate Director, C-DAC, Ministry of Communication and Information Technology, Kolkata WB
- ii. Prof (Dr) Ranjit Kumar Samanta, Professor, Dept of Computer Science & Application NBU, Siliguri, WB

Placed before the Senate for approval.

Decision: Approved.

B) Reconstitution of BOS for Dept of Civil Engineering, SMIT

Decision: For external members, there should be one member from Industry and one from Academics.

Dr Pallab Das, & Dr T Rahman both are from academics while Mr Praveen Kumar Pradhan is not from the industry, hence there is a need to revise the BoS.

Progress: -

Internal Members

- i. Prof C J Thomas, HoD, Dept of Civil Engineering, SMIT
- ii. Mr Abhranil Adak, AP II, Dept of Civil Engineering, SMIT
- iii. Mr Guru Prasad Sharma, AP II, Dept of Civil Engineering, SMIT

External Members

- i. Prof (Dr) Santharama Patil, Manipal Institute of Technology, Manipal.
- ii. Mr B K Ojha, Project Director, Energy Infratech, Testa III, HE Project, C/o Abir Infrastructure Ltd., Behind 9 Singhik, North Sikkim 737116
(Mr Praveen Kumar Pradhan is replaced by Mr B K Ojha, as per the requirement of 45th ASM)

Placed before the Senate for approval.

Decision: Approved.

C) Reconstitution of BOS members for E &C Department, SMIT

Decision: Internal Members Approved. For external members, there should be one member from Industry and one from Academics.

Progress: -

Internal Members

- i. Prof (Dr) RN Bera, Head, Dept of E & C, SMIT
- ii. Prof (Dr) PC Pradhan, Head, Dept of SMIT –IT, SMIT
- iii. Mr OP Singh, Asso Prof, Dept of E&C, SMIT
- iv. Dr Sourav Dhar, Asso Prof, Dept of E & C, SMIT
- v. Mr Hemanta Saikia, Asso Prof, Dept of E&C, SMIT

External Members

- i. Prof (Dr) S K Sarkar, Professor, Electronics & Telecommunication Engineering, Jadavpur University
- ii. Mr Prasun Kumar Sounda, Principal Architect, Tech Mahindra Limited, Kolkata

Placed before the Senate for approval.

Decision: Approved.

D) Reconstitution of BOS members for IT Department, SMIT

Decision: Internal Members Approved. For external members, there should be one member from Industry and one from Academics.

Progress: -

Internal Members

- i. Prof HKD Sarma, Dept of IT, SMIT
- ii. Mr U Baruah, Associate Professor, Dept. of IT, SMIT
- iii. Mr D Baruah, Associate Professor, Dept of IT, SMIT
- iv. Mrs P Rai, Associate Professor, Dept. of IT, SMIT

External Members

- i. Dr Sivashankar B Nair, Professor, Dept of CSE, IIT Guwahati
- ii. Mr Kushal Kumar Banerjee, Head Academic Relations, East India, Tata Consultancy Services (TCS)

Placed before the Senate for approval.

Decision: Approved.

E) Reconstitution of BOS members for Chemistry Department, SMIT

Decision: Internal Members Approved. For external members, there should be one member from Industry and one from Academics

Progress: -

Internal Members

- i. Prof Sangeeta Jha, Head, Dept of Chemistry, SMIT
- ii. Prof Sanjay Dahal, Dept of Chemistry, SMIT
- iii. Dr Nayan Kamal Bhattacharyya, Asso Prof, Dept of Chemistry, SMIT
- iv. Dr Satadru Jha, Asso Prof, Dept. of Chemistry, SMIT
- v. Mr Santanu Gupta, Asst. Prof(SG) Dept of Chemistry, SMIT

External Members

- i. Prof M N Roy, Dept of Chemistry, North Bengal university, West Bengal
- ii. Mr Rajkumar Somendrajit Singh, Territory Manager, Metrohm India Limited Guwahati.

Placed before the Senate for approval.

Decision: Senate members suggested to take external member (Industry) from pharmaceutical companies operating in Sikkim.

F) Reconstitution of BOS members for Dept. of Management Studies, SMIT

Decision: Internal Members Approved. For external members there should be one member from Industry and one from Academics.

Progress: -

Internal Members

- i. Prof (Dr) Ajeya Jha, Head, Dept of Mgt.Studies, SMIT
- ii. Prof (Dr) BB Pradhan, Dept of ME, SMIT
- iii. Prof Dr Ratika Pradhan HoD Dept of CA, SMIT
- iv. Dr Anindita Adhikari, Dept. of Mgt.Studies, SMIT
- v. Prof (Dr) Gayathri Devi S, Dean (Research & Training), SMUDDE

External Members

- i. Mr Sonam T Venchungpa, Associate Dean, ICAI University, Sikkim
- ii. Mr Ashok Dua, GM Unichem

Placed before the Senate for approval.

Decision: Approved.

FRESH AGENDA
46th Academic Senate Meeting
Sikkim Manipal University

Sikkim Manipal Institute of Technology (SMIT)

Item No. III. List of members for BOS of Dept of IT for BSc & MSc in Information Technology.

Internal Members

- i. Prof HKD Sarma, HoD Dept of IT, SMIT
- ii. Mr U Baruah, Dept of IT, SMIT
- iii. Dr. S Borah, Dept of CA, SMIT
- iv. Mr. U K Chakraborty, Dept of CSE, SMIT
- v. Prof (Dr) L Senthil Kumar, Dept of IT, Prof & Head, SMUDDE

External Members

- i. Dr R Dutta Baruah, Asst Prof, Dept of CSE, IIT Guwahati, Assam

Placed before the Senate for approval.

Decision: Internal Members & External member from Academics, Approved. For external member from Industry, Senate suggested the department to take fresh approval from Mr Kushal Kumar Banerjee, Head Academic Relations, East India, Tata Consultancy Services (TCS).

Item No. IV Proposal for Absolute Grading:

It is proposed that the following scheme may be recommended for implementing Absolute Grading System.

	≥ 90	85-89	80-84	75-79	70-74	65-69	60-64	50-59	40-49	35-39
Grade	10	9	8.5	8	7.5	7	6.5	6	5	4
Grade	S	A+	A	B+	B	C+	C	D+	D	E

Justification:

(A)

- i. Reduce the complexity of grade calculations for each and every subject separately.
- ii. Enable the printing of Grades and associated ranges of absolute grading's on the mark sheet.
- iii. Bring authenticity and simplicity to the employers/authorities of other institutes/organizations about our marking system.
- iv. Make easier to track the grade marks for back log papers, as it will not vary from subject to subject and semester to semester as in the existing case.
- v. Justify the conversion of CGPA to percentage by the equation:

$$\text{Percentage} = 10 \times \text{CGPA}.$$

(B) It is further recommended that for all types of examinations including theory, labs and project work, the same grading system shall be used.

(Annexure II, Pg. No. 63)

Placed before the Senate for approval.

Decision: Senate members suggested that the Registrar, SMU to get the details from MIT and check. SMU will follow the same group policy as followed by MIT, MU.

Item No V. Proposal for Modification of Parallel Semester System

Parallel semester may be streamlined by offering only those subjects, which are not clashing with the higher semester subjects, so that the regular time table spreading over the day as practiced earlier can be continued. However, students opting for parallel classes of lower semesters may drop the lab subjects of current semester to rejoin in lower semester subjects. The dropped lab-classes may be allowed to attend/appear during Additional Laboratory classes.

Justification:

- i. Large number of failures of students in rejoined subjects.

- ii. Early opting out from rejoined subjects after the payment of fees and attending initial few classes.
- iii. Due to shift system, students get plenty of time to indulge in unwanted activities.
- iv. The interests of the majority of the students of average and above average categories are sacrificed for a few rejoined students in terms of reduced contact hours.

Placed before the Senate for approval.

Decision: Not Approved.

Item No VI. Approval for Academic calendar of Odd Semester 2015.

(Annexure III, Pg. No. 64)

Placed before the Senate for approval.

Decision: Approved. Senate Members also suggested to prepone commencement of odd semester from August to July.

Item No VII. Introducing B. Sc /M. Sc IT courses under the IT Department SMIT approval received via email from ASM.

(Annexure IV, Pg. No. 65-66)

Placed before the Senate for ratification

Decision: Ratified. Intake of minimum 10 students is required to start the course.

Item No VIII. Approval of syllabus of B. Sc /M. Sc in IT (Annexure V, Pg. No. 67-70)

Placed before the Senate for approval.

Decision: Approved.

Item No IX. Approval for inclusion of New Specializations in MBA and Corresponding Correction in Schema (Annexure VI, Pg. No. 71)

Placed before the Senate for ratification.

Decision: Ratified.

Item No X. Proposal for New Electives.

A new open elective on “Cyber Law and Information Security” is being floated for all stream of engineering both for Bachelors as well as Masters which will be offered by the Department of IT, SMIT. (Annexure VII, Pg. No. 72-73)

Placed before the Senate for approval.

Decision: Approved.

Item No XI. Approval for change of names of M. Tech courses offered by ECE & ME Departments.

- i. “VLSI & ES” to be renamed as “VLSI”.
- ii. “Mechanical Engineering” to be renamed as “Production Engineering”.

(Annexure VIII, Pg. No. 74-75)

Placed before the Senate for approval.

Decision: Approved.

Item No XII. Approval for Correction in Schema of Department ECE.

Annexure IX, Pg. No. 76-77(a)]

Placed before the Senate for approval.

Decision: Not Approved.

Item No XIII. Proposal for Revision of Eligibility criteria for BCA

Candidates for admission into BCA programme should have passed Higher Secondary (10+2) Examination with 45% (40 % for SC/ST/OBC) marks in Science, Arts & Commerce streams or vocational streams. Vocational Streams to be included in eligibility criteria.

Placed before the Senate for approval.

Decision: Not Approved. However, Information Technology (IT) from vocational stream to be included in eligibility criteria.

Item No XIV. Proposal for introduction of bridge course in MCA

Proposal for introduction of bridge course on *“Fundamentals of System Simulation”* to the lateral entry students in MCA. This also serves as the prerequisite for many electives papers. The proposed course will be taught in 3rd semester MCA and time table for the same will be released along with 3rd semester MCA. The duration of the proposed bridge course will be minimum 48 hrs. spread throughout the semester. The syllabus for the same is enclosed.

(Annexure X, Pg. No. 78-79)

Placed before the Senate for approval.

Decision: Approved with guidelines from Academic Senate Members:

- i. The name should be changed from *“Fundamentals of System Simulation”* to *“Statistical Methods and Simulation”*
- ii. It cannot be called as bridge course if conducted during the normal semester. In that case it can be taught as a compulsory audit course.
- iii. If conducted as a bridge course it will be done prior to commencement of semester with adequate number of days to cover the topic.

Item No XV. Approval of Registration Form for Admission in a Semester for Examination.

(Annexure XI, Pg. No. 80-81)

Placed before the Senate for approval.

Decision: Approved.

Item No XVI. The minimum Cut Off marks for passing a theory subject (SMU/Reg.Acad/2015-50)

The Academic Senate of the university on its 45th meeting held on January 07, 2015 approved that the minimum cut off marks for passing a theory subject will be at 35 out of 100 (inclusive of both in-sem and end sem marks) subject to the condition that the student has appeared in both examinations. This shall supersede the decision of 44th ASM (Item No VIII) dated 14th July 2014 and letter No. SMU/Reg/2014-82 Dated 20 May 2014.

Further, the pass marks and award of grades for lab will be reverted to that followed for 2012 and earlier batches. The minimum pass marks will continue to be between 35 and 50 overall depending upon the class average as has been the practice.

The above regulation may be modified as given below:

The minimum Cut Off marks for passing a theory and a laboratory subject: *The minimum cut off marks for passing a theory subject will be at 35 out of 100 (inclusive of both in-sem and end sem marks) subject to the condition that the student has appeared in both examinations. The minimum pass marks will be between 35 and 45 overall depending upon the class average as has been the practice.*

For the laboratory subjects, the minimum pass marks will be between 35 and 50 (inclusive of both in-sem and end sem marks) subject to the condition that the student has appeared in both examinations, as has been the practice.

In addition, a student has to obtain the minimum cutoff for E-grade in theory and laboratory subjects respectively.

Placed before the Senate for approval.

Decision: No need for separate notification. The notification SMU/Reg.Acad/2015-50 had restored the earlier practice for minimum cutoff for passing theory and practical. The earlier rules already provide for the minimum cut off between 35 to 45 for theory and 35 to 50 for practical based on class average.

Item No XVII. : Agenda Points from DCE(T) for ratification

- i. Credit for 7th Semester Mini Project is increased by 0.5 to 2.5 credits to make the total credit rounded to 205 for 2011 & 2012 batch students of B.Tech (Electrical & Electronics). Earlier it was of 2 credits after this change it becomes 2.5 credits.
(This change has been incorporated in Nov/Dec 2014 Exam for 2011 batch after approval of Vice Chancellor.)
- ii. The credit for Mini project/Ind. Training/Seminar in 7th Semester of B.Tech (Information Technology) has been changed from 3.5 to 3.0 in Nov/Dec 2014 Exam for 2011 batch after approval of Vice Chancellor, to make the uniform credit for all branches of B.Tech.

Placed before the Senate for ratification.

Decision: Ratified.

- iii. The Unique Admission/Registration number assignment for admission in 2015 onwards.

Placed before the Senate for Approval.

Decision: Approved.

Item No XVIII. Approval for Supplementary examination at the end of Even Semester Examination (July/August)

It is proposed that the supplementary examinations may be conducted for the students who have fulfilled the attendance criteria in the regular semester but are having backlog subjects during the previous end semester examinations. The supplementary examination may be conducted in the month of July/August at the end of even semester examinations. In line with the conduct of odd semester subjects in makeup examinations, it is further recommended that only even semester subjects may be allowed to appear by the student during supplementary examination.

This constraint may be relaxed for final year students only.

Justification:

- i. At the end of odd semester examination students get a chance to appear for backlog papers of odd semesters in Makeup Examination during January. On the same ground at the end of even semester student should get chance only to apply for even semester backlog papers during supplementary examination.
- ii. Having both odd semester papers and even semester papers during supplementary examination the duration of examination becomes quite long. This time the duration is 16 July to 10 August 2015. Publishing the result and getting promotion list at the end of even semester after supplementary exam takes some times that goes to the next semester. When Makeup exam was not there in SMIT, those days Supplementary exam used to be conducted for both even and odd semester papers.

Placed before the Senate for approval.

Decision: This point is deferred till the last batch of final year students complete extra semester.

Item No XIX. Draft copy of Regulation Governing Academic Curricula and Evaluation Process under CGPA Scheme.

(Annexure XII, Pg. No. 82- 107)

Placed before the Senate for approval.

Decision: i) Format to be according to the earlier “Regulations Governing Academic Evaluation.

ii) All first year students to have a copy of the same by last week of August.

Item No XX. Ratification of modified syllabus of all courses with respect to restructuring of Schema and Uniform Coding.

Justification:

- i. In 2015 restructured syllabus for the uniformity in Course Codes, Structures and Question papers formats for theory papers was approved vide SMU/Reg.Acad/2015-65.

- ii. Syllabus was restructured (in Unit I and Unit II format) for all courses without any change of the contents as approved vide SMU/Reg.Acad/2014-79.

Placed before the Senate for ratification.

Decision: Ratified.

Item No XXI. Approval for Revaluation / Review of Major Project.

Major Project being a single subject of 16 credits, the provision for re-evaluation may be thought of or else, review of the end results after grade scores by a departmental committee may be thought of before declaration of the final result by DCE (Tech).

Placed before the Senate for approval.

Decision: Approved with guidelines from Academic Senate Members:

- i. Marks given by external examiner cannot be changed.
- ii. The Department is permitted to moderate only internal marks if required up to one mark out 50.

Item No XXII. Incentive for Research Paper Publication

Proposal to accept the revised and amended guideline of Manipal University for the ***“Incentive Awards for faculty Research and Scientific Publication”***

(Annexure XIII, Pg. No. 108 - 117)

Placed before the Senate for approval.

Decision: Not Approved. Existing system to continue.

Sikkim Manipal Institute of Medical Sciences

Item No XXIII. MD/MS students should be exempted from Ph.D. Entrance examination

It is proposed that the MD/MS passed students should be exempted from Ph.D. Entrance examination of the University as they gather sufficient research experience during their course.

Placed before the Senate for approval.

Decision: Not Approved.

Item No XXIV. Remuneration paid to Internal Examiners

It is proposed that the remuneration paid to internal examiners should not be clubbed with the salary. It should be paid separately as being done in other medical colleges.

Placed before the Senate for approval.

Decision: Not Approved. It may be put up in next Finance Committee Meeting.

Item No XXV. Approval for additional 7(seven) days of academic leave for PG Residents

PG residents are entitled to 30 days leave in a year. It is proposed to grant additional 7(seven) days of academic leave to them annually for attending conferences and CME.

Placed before the Senate for approval.

Decision: Approved. However leave should not hamper the MCI inspection and official/academic work.

Item No XXVI. Revised list of PG Teachers and PG Internal Examiner

There has been some irregularity in approving some faculty as PG teacher and PG internal examiners as they do not fulfil the MCI eligibility criteria. The updated list is enclosed.

(Annexure XIV, Pg. No. 118)

Placed before the Senate for approval.

Decision: Approved.

Item No XXVII. Proposal for increasing the internship stipend of MBBS Students.

Existing : ☐ 7,500/- (last revision 32nd GC Meeting held on 16th Nov 2012)

Proposed : ☐ 12,000/-

Placed before the Senate for approval.

Decision: Not Approved.

Item No XXVIII. EXAM CELL, MEDICAL

A) Proposed to revised the rates of various documents issued from the Examination Cell, SMU:

SL NO	DOCUMENTS/ CERTIFICATE	EXISTING RATE	PROPOSED RATE
1	Transcript * (MHA/ M.Sc Medical)	Free	200/- (+ postal charge)
2	Duplicate Degree certificate	100	500/-
3	Duplicate score card of PhD Entrance	--	100/-

Placed before the Senate for approval.

Decision: Approved.

B) Mileage rate for reimbursement of Taxi fare to the External Examiner who travel by Taxi or own Car. (Refer the SMU/Reg/2014-298 dated 24 June 2014).

Existing : ☐ 8/- per KM

Proposed : ☐ 14/- per KM

Placed before the Senate for approval.

Decision: Reimbursement of amount restricted to AC 2nd class fare from destination to NJP and prevailing Taxi Fare from NJP to Gangtok and vice versa is approved.

C) Proposed Paper correction rate of the External Examiner (UG courses).

Existing: ☐ 15 per answer script (Theory)
☐ 30 /- per candidate for practical examination
(last revision 28th GC /EC Meeting held on 26.11.2010)

Proposed: ☐ 20/- per answer script (Theory)
☐ 30 /- per candidate for practical examination

Placed before the Senate for approval.

Decision: Approved.

D) Proposal to include 'DT' in grading system of the semester course

It is proposed to include 'DT' in grading system of the semester course of SMU, in case a student is not eligible to appear for the University examination due to the shortage of attendance or unsatisfactory performance in In-semester examination.

Grade points is as below:

Letter Grade	S	A	B	C	D	E	F	I	DT
Grade Point	10	9	8	7	6	5	0	0	0

Placed before the Senate for approval.

Decision: Already in practice.

E) Invigilation remuneration to be increased.

Existing: ☐ 150/- *(last revision 28th GC /EC Meeting held on 26.11.2010)*

Proposed: ☐ 200/-

Taxi fare to external examiners to & fro Siliguri to Gangtok to be increases from ☐ 2200/- to ☐ 2500/-

Placed before the Senate for approval.

Decision: Invigilation remuneration will not be reviewed now. For taxi fare to be paid to the external examiners the Senate suggested the following:

- i. Engineering Deptt, SMIMS to initiate contract agreement with some travel agencies and the taxis to be hired from the enlisted taxi providers. Comparative statement and contract documents to be put up as per procedure for approval.**

F) Examination fee for all the courses are to be revised.

SL NO	COURSE	EXISTING	PROPOSED
1	MBBS & M.Sc (Prelims)	<input type="checkbox"/> 1750 /- per subject	<input type="checkbox"/> 2000/- per subject (Theory) <input type="checkbox"/> 2000/- per subject (Practical)
2	BPT	<input type="checkbox"/> 300/- per subject (Theory) <input type="checkbox"/> 1150/- per subject (Practical)	<input type="checkbox"/> 2000/- per subject (Theory) <input type="checkbox"/> 2000/- per subject (Practical)
3	B.Sc Nursing	<input type="checkbox"/> 300/- per subject (Theory) <input type="checkbox"/> 1150/- per subject (Practical)	<input type="checkbox"/> 2000/- per subject (Theory) <input type="checkbox"/> 2000/- per subject (Practical)
4	Post Cert. B.Sc Nursing	<input type="checkbox"/> 300/- per subject (Theory) <input type="checkbox"/> 1150/- per subject (Practical)	<input type="checkbox"/> 2000/- per subject (Theory) <input type="checkbox"/> 2000/- per subject (Practical)
5	Final M.Sc (Medical)	<input type="checkbox"/> 3000/-	<input type="checkbox"/> 5000/-
6	BMLT	<input type="checkbox"/> 600/- per subject	<input type="checkbox"/> 2000/- per subject (Theory) <input type="checkbox"/> 2000/- per subject (Practical)
7	Int M.Sc Medical Biotechnology	<input type="checkbox"/> 300/- per subject (Theory) <input type="checkbox"/> 1150/- per subject (Practical)	<input type="checkbox"/> 2000/- per subject (Theory) <input type="checkbox"/> 2000/- per subject (Practical)
8	MPT	<input type="checkbox"/> 350/- per subject (Theory) <input type="checkbox"/> 1750/- per subject (Practical)	<input type="checkbox"/> 2000/- per subject (Theory) <input type="checkbox"/> 2000/- per subject (Practical)
9	MHA (4 papers / semester)	<input type="checkbox"/> 1250/- per semester <input type="checkbox"/> 1750/- (Viva Voca)	<input type="checkbox"/> 5000/- per semester <input type="checkbox"/> 2000/- (Viva Voca)

10	BA/B.Com (4 paper / sem.)	<input type="checkbox"/> 3000/- per semester taken in Adv. <input type="checkbox"/> 300/- per back paper	<input type="checkbox"/> 5000/- per semester in Adv. <input type="checkbox"/> 500/- per back paper
11	M.Com / MA (4 paper / sem.)	<input type="checkbox"/> 6000/- per semester taken in Adv. <input type="checkbox"/> 300/- per back paper	<input type="checkbox"/> 8000/- per semester in Adv. <input type="checkbox"/> 500/- per back paper
11	PhD	<input type="checkbox"/> 10,000/-	No Change

Note: *If any exam paper combines more than one subject (i.e., 2 or 3 subjects), fees needs to be collected separately for each subject.*

(Last revision 28th GC /EC Meeting held on 26.11.2010)

Placed before the Senate for approval.

Decision: Senate directed Dean SMIMS to form a committee with DCE (M), Principal College of Nursing, Principal (i/c) Physiotherapy and Finance Executive SMIMS as members to recommend the revised fees.

Sikkim Manipal College of Nursing

Item No XXIX. Proposal for establishment of Master of Nursing.

1) Eligibility criteria /Admission Requirements (as per INC)

- i. The candidate should be a Registered Nurse and Registered midwife or equivalent with any State Nursing Registration Council.
- ii. The minimum educational requirements shall be the passing of B.Sc. Nursing / B.Sc. Hons. Nursing/Post Basic B.Sc. Nursing with minimum of 55% marks in aggregate. 5% relaxation of marks for SC/ST candidates may be given.
- iii. The candidate should have undergone B.Sc. Nursing / B.Sc. Hons. Nursing / Post Basic B.Sc. Nursing in an institution which is recognized by Indian Nursing Council.
- iv. Minimum one year of work experience after Basic B.Sc. Nursing.
- v. Minimum one year of work experience prior or after Post Basic BSc. Nursing.
- vi. Candidate shall be medically fit.

2) Duration / Commencement of the course

The Master of Nursing course is of two years duration. Tentative date for commencement of the course is 1st September, 2016 provided INC, WBNC, State Govt. and SMU approve the proposal.

3) Admission capacity

It is proposed to have a total intake of 25 candidates per year divided into five specialties - Medical-Surgical Nursing, Child Health Nursing, Mental Health Nursing, OBG Nursing & Community Health Nursing. Five seats will be allocated for each specialty.

4) Syllabus

The syllabus prescribed by Indian Nursing Council will be followed.

5) Fee Structure

Comparison fee structures of two colleges are given below for references and for further direction of senate.

Sl.No.	Name of the College	Course Duration	1st Year	2nd Year	Total
1.	Manipal College of Nursing, Manipal Karnataka	2 years	129,000	119,000	248,000
2.	BM Birla College of Nursing, Kolkata, WB	2 years	75,000	70,000	145000

Placed before the Senate for approval in principle.

Decision: - Approved in principle subject to:

- i. **Syllabus duly approved by BOS to be placed before the next Academic Senate for ratification.**
- ii. **Course curriculum to be placed before the next Academic Senate for ratification.**
- iii. **Fee structure will be decided based on revised fee fixation under process currently.**

Item No XXX. Proposal for closing down admission of Post Basic BSc. Nursing course from 2016 and discontinuance of the course from 2017.

The Post Basic BSc. Nursing programme was established on the demand of nurses, working in CRH and the STNM hospital with due approval of the 25th Governing Council, held on 28/03/2009. During establishment of this course it was well understood that the actual admission capacity is limited to 25 only as this course usually availed by the working GNM staff nurses who require support of sponsorships and in instant case sponsorships were available mainly from Sikkim Govt. and CRH. Outside candidates without sponsorship and usually being married find it difficult to leave behind the family and join the course. Still SMON went ahead with an admission capacity of fifty

because the INC minimum norm was for fifty candidates at that time. The number of sponsorship in last 4 years against the quota of seats is given below:

Sl. No	Organization	Quota	No. of Sponsorship				
			201	2011	2012	2013	2014
1	Sikkim Govt.	10+5=15	9	7	4	2	2
2	CRH	5	5	Nil	Nil	Nil	Nil

As is evident, after first year, no sponsorship has been awarded by CRH till now and sponsorships have been tapered down in case of State Govt. In the light of negligible number of sponsorships, there is need to review continuance of this programme with a view to optimum resource utilisation and business development.

It is also pertinent to mention that before closing any programme the approval of State Nursing Council and Indian Nursing Council is required.

Placed before the Senate for approval.

Decision: - Approved. Faculty engaged for this course may be diverted to UG or suggested PG program.

Sikkim Manipal College of Physiotherapy

Item No XXXI. Agenda of Bachelor in Physiotherapy Program (BPT)

A) Proposal to change in eligibility criteria for admission

Existing Criteria: 40 % of PCB marks in aggregate and pass in individual subjects for SC/ST/OBC candidates and 455 marks in aggregate and pass in individual subjects for general candidates.

The Board of members suggested for the aggregate marks of 50% and above to be taken into consideration for admission of BPT for all the subjects.

Justification:

Since the admission is based on 1st come 1st serve basis, in order to have a quality students, BoS suggested to have the admission criteria for all categories with PCB marks 50% and above.

Placed before the Senate for approval.

Decision: - Approved.

B) Re – adjustment and splitting of Syllabus

Proposal for the re-adjustment of Biomechanics subject of 1st year into 2nd year and splitting of exercise therapy and electrotherapy into I & II in 1st and 2nd year respectively

Existing:

1 st Year	2 nd Year
Anatomy	Pharmacology
Physiology	Pathology
Biochemistry	Microbiology
Sociology	Psychology & Psychiatry
Biomechanics	Exercise Therapy
	Electro Therapy

Proposed:

1 st Year	2 nd Year
Anatomy	Pharmacology
Physiology	Pathology
Biochemistry	Microbiology
Sociology	Psychology
Exercise Therapy I	Biomechanics
Electro Therapy I	Electrotherapy II
	Exercise therapy II

Justification:

The students should have sound knowledge of Anatomy for the biomechanics subject, it is therefore essential that anatomy as a subject to be taught before biomechanics class for which it is suggested to resequencing the biomechanics subject from 1st year and 2nd year.

Placed before the Senate for approval.

Decision: - Approved.

C) Proposal for revision of Syllabus – (Year wise & subject wise)

- i. First year – Exercise therapy I, Electrotherapy I,
- ii. Second year – Exercise therapy II, Electrotherapy II, Biomechanics,
- iii. Third year – Clinical Orthopaedics, Community Medicine, PT Neuro and PT Ortho,
- iv. Fourth year – General medicine and PT in general conditions and PT Rehabilitation.

(Annexure XV, Pg. No. 119 – 151)

Placed before the Senate for approval.

Decision: - Approved.

D) Proposal for Readjustment of marks in questions paper pattern from objective to subjective:

- i. **Rearrangement of MCQ:** It is suggested that MCQ marks in 1st and 2nd year of BPT to be reduced from 20 to 10 in 80 marks paper and 10 to 5 in 40 marks paper as this provide better assessment of students' knowledge.
- ii. The question paper pattern of 80 marks of 1st and 2nd year should have one long essay type question preferably with subdivision, eight short notes out of ten, ten brief answers (specific to the point to point answer is desired) and ten MCQs.
- iii. The question paper of 40 marks of 1st and 2nd year should have five short notes out of six, five (brief answers specific to the point answer is desired) and five MCQs.
- iv. The answer key should be submitted by the paper setter.

Placed before the Senate for approval.

Decision: - Approved.

Item No XXXII. Agenda of Master of Physiotherapy (MPT)

A) Proposal for revision of Syllabus – (Year wise & subject wise)

Existing:

1st year MPT syllabus: **Theoretical basis and principles of Practice in Physiotherapy** is a general paper for 1st year MPT having university exams both theory and practical.
2nd year MPT syllabus has been revised with addition of new topics in all speciality.

Proposed:

After thorough revision of general paper of 1st years MPT: **Theoretical basis and principles of Practice in Physiotherapy** is being revised to keep only general topics. It is suggested to have university exams with only theory subject.

Justification:

Theory component of 1st year MPT need to be revised as annotated in annexure attached so that PGs obtain widespread knowledge extending over all the subjects of general nature in addition to existing syllabus. The topic which was removed while

revising 1st year MPT syllabus has been however readjusted in general paper of 2nd year MPT pertaining to speciality subjects. The revised syllabus therefore suggested to have only theory. (Annexure XVI, Pg. No. 152-153)

Placed before the Senate for approval.

Decision: - Approved.

B) Specialty:

Existing: At present the college has following speciality and its subspecialty:

- Physiotherapy in Orthopedics-Manual therapy, Sports rehabilitation
- Physiotherapy in Neurological sciences-Adult Neurology and Pediatric Neurology
- **Physiotherapy in Cardiopulmonary sciences-** Cardio-pulmonary Rehabilitation
- Physiotherapy in Community based Rehabilitation – Industrial Health & women's health.

Proposed:

- a. To change the nomenclature of “Physiotherapy in Community based Rehabilitation” into **Physiotherapy in Health Promotion & Disability Rehabilitation**
- b. Addition of a new specialty **MPT in Ergonomics** (as approved by BCPE)
- c. Removal of subspecialty **Industrial health** in **MPT CBR** and addition of **Geriatrics** and addition of subspecialty in **MPT Cardio Pulmonary Sciences** as **ICU management**.

Justification:

Since inception of MPT course, no one has taken admission in subspecialty course: industrial Health. Keeping in view of demand of courses and availability of specialized faculty in the college, the addition of geriatrics, MPT in Ergonomics and ICU Management is recommended and Industrial health to be removed.

(Annexure XVII, Pg. No. 154 -172)

Placed before the Senate for approval.

Decision: - Approved.

Item No XXXIII. PhD Programme

A) The following research scholars of the University had successfully defended their theses & awarded with provisional PhD degree. **The PhD degree will be awarded to them during forthcoming convocation 15th Convocation of SMU.**

a. **Ms Rinchenla Bhutia**, External / Part Time, Reg. No. **2007100015** Dept. of Microbiology, SMIMS.

Guide : - Prof (Dr) J Mahanta, Director & Scientist G, RMRC (ICMR) Dibrugarh, Assam and

Co-Guide : - Prof (Dr) TSK Singh, Head, Dept. of Microbiology, SMIMS

Topic : - "Direct Detection of rpoB Mutation in Sputum Smear as a Marker of Rifampicin Resistance under DOTS in Sikkim, India".

b. **Mr. Mohan Pratap Pradhan**, Internal/Part Time, Reg.No. **201010006**, Dept. of Computer Science & Engineering, SMIT.

Guide : - Prof (Dr) M. K. Ghose, Dean Academics, SMIT

Topic : - "Development of Automatic Digitization Techniques for GIS Applications".

c. **Mrs. Indoo Singh**, External/Part Time Registration No. **201010016**, Department of Management Studies, SMIT.

Guide : - Prof (Dr) Ajeya Jha Professor & Head, Management Studies, SMIT

Topic : - "Study on Emotional Intelligence in Teaching Performance for Medical and Technical Education".

d. **Dr Ranabir Pal**, External/Part Time Registration No. **200710009**, Department of Chemistry, SMIT.

Guide : - Prof (Dr) Sanjay Dahal, Dept. of Chemistry, SMIT

Topic : - "Diagnosis of Pulmonary Diseases by the Analysis of Exhaled Breath with a Colorimetric Sensor Array".

- e. **Mrs Sonam Choden Bhutia**, Internal/Part Time Registration No. **200810002**, Department of Biochemistry, SMIMS.

Guide :- Prof (Dr) T A Singh, Head, Dept of Biochemistry, SMIMS
Co-Guide :- Prof (Dr) Mingma Lhamu Sherpa, Dept of Biochemistry, SMIMS
Topic :- “Production of Polyclonal Antibody against Osteogenic Protein -1(OP—1) in Arthritic Synovial Fluid and Study for Immunodiagnostic Utility and Correlationship with Oxidative Stress Markers in Arthritis”.

- f. **Raja Roy Choudhary**, Internal/Part Time, Reg.no. 201110003, Dept. of CSE, SMIT

Guide :- Prof (Dr) MK Ghose, Dean (A), SMIT
Topic :- “An efficient semi analytical model using robust Nonlinear unconstrained optimization of an optical fiber having Kerr Nonlinearity and graded index fiber”.

- g. **Ruben Phipon**, Internal/Part Time, Reg. No. 200910008, Dept. of ME, SMIT

Guide :- Prof (Dr) BB Pradhan, Head, Dept. of ME, SMIT
Topic :- “Solution of Machining Optimization problems using genetic Algorithm”.

Placed before the Senate for ratification.

Decision: - Ratified.

B) Review report has been received from the examiners. The scholar has to submit the modified thesis as suggested by examiners.

- a. **Sunil Kr Pandey**, Internal/Part Time, Reg. No. 200810001, Dept. of Pharmacology, SMIMS.

Guide :- Prof (Dr) Amit Chakrabarti, Indian Council of Medical Research (ICMR), Kolkata.
Coguide :- Prof (Dr) Sanjiba Datta, Head, Dept. of Psychiatry, SMIMS
Coguide :- Dr Yogesh Verma, Associate Professor, Dept. of Pathology, STNM Hospital

Topic :- "Availability, Accessibility and Acceptability of Treatment of Alcohol and Other Drug Abuse in Sikkim".

Placed before the Senate for information.

Decision: - Noted.

C) Theses of the following research scholars have been sent to the examiners for review.

a. **Priyanka Paul Biswas**, External/Part Time/ Reg No. 201010011 Dept of Microbiology, SMIMS

Guide :- Prof (Dr) Sangeeta Dey,

Coguide :- Prof (Dr) Luna Adhikari, Dept. of Microbiology, SMIMS.

Topic :- "Phenotypic and Genotypic heterogeneity of Enterococcus species with reference to detection of virulence markers."

b. **Mousami Gupta**, Internal/Part Time/ Reg No 200910017, Dept of CSE, SMIT

Guide :- Prof. S. N. Biswas, ISI Kolkata

Co-Guide :- Prof. R. N. Bera, ECE Department SMIT

Topic :- "Some intervention on target detection for possible use for surveillance."

b. **Amrita Biswas**, Internal/Part Time/ Reg No 200910014, Dept of EC, SMIT

Guide :- Prof (Dr) MK Ghose, Dean (A), SMIT

Topic :- "Development of Algorithms for Human Face Recognition."

c. **Debranjana Datta**, Internal/Part Time, Reg No. 200810003, Pharmacology, SMIMS.

Guide :- Prof (Dr) Amit Chakrabarti, Indian Council of Medical Research (ICMR), Kolkata.

Coguide :- Prof (Dr) Sanjiba Datta, Head, Dept. of Psychiatry, SMIMS

Coguide :- Dr Yogesh Verma, Associate Professor, Dept. of Pathology, STNM Hospital.

Topic :- "Epidemiology of prescription opioid abuse in Sikkim".

Placed before the Senate for information.

Decision: - Noted.

D) The consents to review the thesis of the following research scholar has been received from the examiners, however the scholar is yet to submit the thesis.

a. **Selvam Ramachandran**, Internal/Part Time/Reg No 201010009, SMCPT

Guide :- Dr Sudip Dutta, Pediatrics Department, SMIMS

Topic :- "Effect of early therapy intervention on singleton preterm very low birth weight infant at high risk of developing motor developmental delay- a randomized controlled clinical trial."

b. **Arunima Sengupta**, External/Part Time/Management Studies, Reg No 200810011, SMIT

Guide :- Dr Ajeya Jha, HoD Management Studies, SMIT

Topic :- "Relationship between Emotional Intelligence and Leadership Effectiveness: A Study of Indian Health Care Professionals".

c. **Dipanjan Bhattacharjee**, Internal/Part Time/Reg No 200910006, Dept of ECE, SMIT

Guide :- Dr R N Bera, HoD ECE, SMIT

Topic :- "Development of Smart Sensor in Instrumentation for Environmental Monitoring".

Placed before the Senate for information.

Decision: - Noted. Time to submit Thesis to be checked and action is to be taken for defaulters as per PhD rules.

E) **The synopsis of the following research scholar has been sent to the examiners for their consent to review the theses.**

a. **Jaya Rani**, Internal/Part Time/Reg No 200910011, Dept of Management Studies, SMIT

Guide :- Dr Ajeya Jha, HoD Management Studies, SMIT

Topic :- “Direct-to-Consumer Promotion of Pharmaceutical Products in India: Impact Assessment”.

b. **Pijush Barthakur**, Internal/Part Time/ Reg No 201010007, Dept of CA, SMIT

Guide :- Dr Manoj Dahal, Novell IDC, Bagmane Tech Park, C V Ramannagar, Bangalore

Coguide :- Dr. M. K. Ghose, Dean (A), SMIT

Topic :- “Development of a Real-Time Machine-Learning based Botnet Detection Mechanism”.

c. **Rajeev Kumar Singh**, Internal, Part Time/ Reg No 201010017, Dept of Mathematics, SMIT

Guide :- Dr B N Mandal, ISI Kolkata,

Coguide :- Dr B S Dandapat, HoD Mathematics, SMIT

Coguide :- Dr Ashish Pathak, Dr Harisingh Gour Central University, Sagar, Madhya Pradesh.

Topic :- “Development of a Real-Time Machine-Learning based Botnet Detection Mechanism”.

Placed before the Senate for information.

Decision: - Noted.

F) **PhD Registration**

a. **Akash Kr Bhoi**, Internal/Part Time, Reg.no **201510001**, Dept. of AEI, SMIT.

Guide :- Prof (Dr) K. S. Sherpa, Head, Dept. of EEE, SMIT

Topic :- “Characterization of QT-Complex for Detection of Ischemic Heart Disease (IHD) and Ventricular Tachyarrhythmia (VT) Using Electrocardiogram.”

- b. **Manikala Moktan**, External/Part Time, Reg.no **201510002**, Dept of Community Medicine, SMIMS

Guide :- Brig (Dr) V K Mehta, Professor & Head Dept of Community Medicine, SMIMS

Coguide :- Dr. Tashi Tobgay, Director, KGUMSB, Bhutan

Coguide :- Dr. Elsa Sanatombi Devi, Asso Prof, Manipal College of Nursing, Manipal University

Topic :- “Assessment of current status of nursing education in Bhutan - a cross sectional study.”

- c. **Col Raman Kakkar**, External/Part Time, Reg.no **201510003 (Provisional)**, Dept of Management Studies, SMIT

Guide :- Dr Deepika Tiwari, Asso Prof., Dept of Management Studies, SMIT

Coguide :- Prof (Dr) Ajeya Jha, Prof & Head, Dept of Management Studies, SMIT

Topic :- “Competency Mapping of Ex-Servicemen for Gainful Utilization in Nation Building”

- d. **Priyam Porwal**, External/Part Time, Reg.no **201510004**, Dept of Management Studies, SMIT

Guide :- Prof (Dr) Ajeya Jha, Prof & Head, Dept of Management Studies, SMIT

Topic :- ‘Homestay Tourism in Sikkim: Evaluation and Impact’.

- e. **Prativa Rai**, Internal/Part Time, Reg.no **201510005 (Provisional)**, Dept of Information Technology, SMIT

Guide :- Prof (Dr) HKD Sarma, Prof & Head, Dept of IT, SMIT

Coguide :- Prof (Dr) MK Ghose, Dean (A), SMIT

Topic :- “Some Studies on Energy Efficient Cognitive Radio Wireless Sensor Network.”

- f. **Ms Deepika Sharma**, External/Full Time, Reg.no **201510006**, Dept of Pathology, SMIMS

Guide :- Prof (Dr) Amlan Gupta, Prof & Head Dept of Pathology, SMIMS

Coguide :- Dr Rohan Sinha, Asst Prof, Dept.of Surgery (Consultant Neurosurgery), SMIMS

Topic :- “An investigation on the nature of Proteins released when Glial and Neural Cells are Co-Cultured with White Blood Cells.”

- g. **Preety Choudhary**, External/Full Time, Reg.no **201510007**, Dept.of Microbiology, SMIMS.

Guide :- Prof (Dr)T S K Singh Head, Dept. of Microbiology, SMIMS

Coguide :- Prof (Dr) Luna Adhikari, Dept. of Microbiology, SMIMS

Coguide :- Prof (Dr) Parvati Nandi, Department of Medicine, SMIMS

Topic :- “Study of Multi drug resistant tuberculosis (MDR TB) and Extensively drug resistance tuberculosis (XDR TB) by Real Time PCR in clinically suspected patients of Pulmonary Tuberculosis by IFN-gamma release assay (IGRA) and / or florescence microscopy.”

- h. **N. Onila Chanu**, External/Full Time, Reg.no **201510008** Dept of Microbiology, SMIMS

Guide :- Prof (Dr) T S K Singh, Head, Dept of Microbiology, SMIMS

Coguide :- Prof (Dr) Sudip Dutta, Head, Dept of Pediatrics, SMIMS

Topic :- “Occurrence of Intestinal Parasitic Infection with Gastrointestinal Symptoms in Children of East Sikkim”

- i. **Jerina Tiwari**, Internal /Part Time, Reg.no **201510009**, Dept of Anatomy, SMIMS

Guide :- Dr Polly Lama, Asst Prof, Dept of Anatomy, SMIMS

Coguide :- Dr Jyoti P Kulkarni, Professor & Head, Dept of Anatomy, SMIMS

Coguide :- Dr. TA Singh, Professor & Head, Dept of Biochemistry, SMIMS

Topic :- “Glycoproteins of the Cadaveric and Pathological Intervertebral Disc”

- j. **Pallavi Kwan**, External/Full Time, Reg.no **201510010**, Dept of Psychiatry, SMIMS
- Guide :- Prof (Dr) Sanjiba Dutta, Head, Dept of Psychiatry, SMIMS
- Coguide :- Dr Harshavardhan.S, Asst Prof, Dept of Psychiatry, SMIMS
- Topic :- “Assesment of psychosocial factors associated with alcohol dependence syndrome among patients at rehabilitation centres in sikkim”

Placed before the Senate for ratification.

Decision: - Ratified.

G) Cancellation of PhD Registration

- a. **Sonam Lhamu Bhutia**, Registration No: 20120008, Dept of IT/EEE, SMIT.

- Guide :- Prof (Dr) K S Sherpa, Head, Dept of EEE, SMIT
- Coguide :- Prof (Dr) Ratika Pradhan, Head, Dept of CA, SMIT
- Reason :- “Progress not satisfactory, candidate uncomfortable with her field of research.”

Placed before the Senate for ratification.

Decision: - Ratified.

H) PhD Guides

The University Research Committee of SMU had approved the following as PhD Guides/Coguides:-

1. Prof (Dr) MK Ghose, Dean (A),SMIT (Coguide)
2. Prof (Dr) K S Sherpa, Head, Dept of EEE, SMIT (Guide)
3. Prof (Dr) Sanjiba Dutta, Head, Dept of Psychiatry, SMIMS (Guide)
4. Prof (Dr) PK Mitra, Head, Dept. of Medical Biotechnology, SMIMS (Coguide)
5. Dr. TA Singh, Professor & Head, Dept of Biochemistry, SMIMS (Coguide)
6. Dr Jyoti P Kulkarni, Professor & Head, Dept of Anatomy, SMIMS (Coguide)
7. Prof (Dr) Amlan Gupta, Prof & Head Dept of Pathology, SMIMS (Guide)

8. Dr Rohan Sinha, Asst Prof, Dept.of Surgery (Consultant Neurosurgery), SMIMS (Coguide)
9. Dr Polly Lama, Asst Prof, Dept of Anatomy, SMIMS (Guide)
10. Ms. Sonam Ongmu Lasopa, Predoctoral Research Fellow, Dept of Epidemiology, College of Public Health & Health Profession & College of Medicine, University of Florida (Coguide)
11. Dr Tashi Tobgay, Director, KGUMSB, Bhutan (Coguide)
12. Dr. Elsa Sanatombi Devi, Asso Prof, Manipal College of Nursing, Manipal University (Coguide)
13. Prof (Dr)T S K Singh Head, Dept. of Microbiology, SMIMS (Guide)
14. Prof (Dr) Luna Adhikari, Dept. of Microbiology, SMIMS (Coguide)
15. Prof (Dr) Parvati Nandi, Department of Medicine, SMIMS (Coguide)
16. Brig (Dr) V K Mehta, Professor & Head Dept of Community Medicine, SMIMS (Guide)
17. Prof (Dr) Sudip Dutta, Head, Dept of Pediatrics, SMIMS (Coguide)
18. Prof (Dr) Ajeya Jha, Prof & Head, Dept of Management Studies, SMIT (Guide)
19. Prof (Dr) HKD Sarma, Prof & Head, Dept of IT, SMIT (Guide)
20. Dr Deepika Tiwari, Asso Prof., Dept of Management Studies, SMIT (Guide)
21. Dr Harshavardhan.S, Asst Prof, Dept of Psychiatry, SMIMS (Coguide)

Placed before the Senate for approval.

Decision: - Approved.

I) PhD Entrance Exam

The entrance exam for PhD programme of the University was held on 26th April 2015. Out of 32 candidates who appeared in the entrance test, 27 candidates qualified in the said examination.

Placed before the Senate for information.

Decision: - Noted.

Sikkim Manipal University Directorate of Distance Education

Item No. XXXIV. Nomination for Academic Senate Members from SMUDDE.

Dr. Manoj Nagasampige Professor & Head, Healthcare Science, SMUDDE has been nominated in place of Dr. Shivram Krishnan for inclusion in the Academic Senate.

Placed before the Senate for approval.

Decision: - Director, SMUDDE will continue as member of Academic Senate.

Item No. XXXV. Proposal for Alignment of credits of BSc IT and MSc IT.

The DE curriculum of these programs is now being aligned to the campus offering with a minor change. The credit weightage for the practical courses is rounded off to 2 instead of 1.5 as in the campus. This increase in credits is adjusted against the credit weightage of both Mini and Major Project work. Thereby, the total program credits of both the campus and the DE offering remains same. A comparative table is attached for reference and approval, as provided in Annexure 1 for BSc IT and Annexure-2 for MSc IT program.

(Annexure XVIII, Pg. No. 173 - 175)

Placed before the Senate for approval.

Decision: - Approved.

Item No. XXXVI. Any other agenda with the permission of the Chair.

MoU signed between SMU & NSDC.

MoU signed between SMU and National Skill Development Corporation (NSDC) for collaboration to support skill development initiatives in sectors namely Electronics, IT-ITES and Automotive for 3rd and 4th year students of SMIT w.e.f session 2015-16.

Placed before the Senate for information.

Decision: - Noted.

Additional Agenda Point

Item No. XXXVII. List of Programs Discontinued in Distance Mode.

Sl No.	Program	Session when discontinued (No fresh admission was taken in below mentioned session)	Reason for discontinuation
1	M.Sc (Bioinformatics) with exit option after 1 year as Post Graduate Diploma in Bioinformatics	May 2015 (30 May 2015 onwards)	Not offered on campus. Discontinued to comply with UGC's directive in its compliance report vide F No UGC/DBE/Recognition./SMU/Sikkim/2014/1419-1423 dt 22 nd Oct 2014 (item No. (ii))
2	B.Sc (Health Information Administration) with exit option after 2 years as Diploma in Health Information Administration	Aug 2012	Low student enrolment number
3	M.Sc (Computer Science)	Feb 2013	Low student enrolment number
4	B.Sc (Medical Imaging Technology) with exit option after 2 years as Diploma in Medical Imaging Technology	May 2015 (30 May 2015 onwards)	Not offered on campus. Discontinued to comply with UGC's directive in its compliance report vide F No UGC/DBE/Recognition./SMU/Sikkim/2014/1419-1423 dt 22 nd Oct 2014 (item No. (ii))
5	B.Sc (Health Information Administration)	Aug 2012	Low student enrolment number
6	B.Com. (Information System)	Feb 2013	Low student enrolment number
7	M.Com. (Information System)	Feb 2010	Low student enrolment number
8	B.A. (Journalism and Mass Communication)	May 2015 (30 May 2015 onwards)	Not offered on campus. Discontinued to comply with UGC's directive in its compliance report vide F No UGC/DBE/Recognition./SMU/Sikkim/2014/1419-1423 dt 22 nd Oct 2014 (item No. (ii))

9	M.A. (Journalism and Mass Communication)	May 2015 (30 May 2015 onwards)	Not offered on campus. Discontinued to comply with UGC's directive in its compliance report vide F No UGC/DBE/Recognition./SMU/Sikkim/2014/1419-1423 dt 22 nd Oct 2014 (item No. (ii))
10	M.Sc. (Telecom Technology)	Aug 2011	Low student enrolment number
11	M.Sc. (Clinical Research and Regulatory Affairs) with exit option after 2 years as Post Graduate Diploma in Clinical Research and Regulatory Affairs	May 2015 (30 May 2015 onwards)	Not offered on campus. Discontinued to comply with UGC's directive in its compliance report vide F No UGC/DBE/Recognition./SMU/Sikkim/2014/1419-1423 dt 22 nd Oct 2014 (item No. (ii))
12	B. Sc (Hospitality and Catering Management) with exit option after 1 year as Diploma in Hospitality and Catering Management. with exit option after 2 years as Advanced Diploma in Hospitality and Catering Management	Aug 2012	Low student enrolment number
13	BBA (Retail Operations)	Aug 2011	Low student enrolment number
14	Post Graduate Diploma in Travel and Tourism Management	Feb 2013	Low student enrolment number
15	M.Sc (Ecology and Environment)	Feb 2010	Low student enrolment number
16	M.Sc. (Disaster Mitigation)	Feb 2010	Low student enrolment number
17	M.Sc(Sustainable Development)	Feb 2010	Low student enrolment number
18	M.Sc (Total Quality Management)	Feb 2010	Low student enrolment number
19	M.Sc (Geo Informatics)	Feb 2010	Low student enrolment number
20	M.Sc (Eco Tourism)	Feb 2010	Low student enrolment number
21	M.Sc (Pollution Control)	Feb 2010	Low student enrolment number
22	B.Sc (Safety and Fire Management) with exit	May 2015 (30 May 2015)	Not offered on campus. Discontinued to comply with UGC's directive in its compliance report vide

	option after 1 year as Diploma in Safety and Fire Management, with exit option after 2 years as Advanced Diploma in Safety and Fire Management.	onwards)	F No UGC/DBE/Recognition./SMU/Sikkim/2014/1419-1423 dt 22 nd Oct 2014 (item No. (ii))
23	B.Sc (Apparel and Fashion Design) with exit option after 1 year as Diploma in Apparel and Fashion Design and illustration	Aug 2012	Low student enrolment number
24	MBA Dual Specialization	Feb 2013	Low student enrolment number
25	Integrated MCA	Feb 2013	Low student enrolment number

Placed before the Senate for approval.

Decision: Approved.

The Meeting ended with vote of thanks by the Registrar, SMU.



**REGISTRAR
SIKKIM MANIPAL UNIVERSITY
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