

No. SMU/ Reg.Acad/2012-72

5th March, 2012

To,
All Members
Academic Senate
Sikkim Manipal University

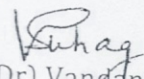
Minutes; 39th Academic Senate Meeting of the University

Dear Sir/Madam,

The Minutes of 39th Academic Senate Meeting of the University held on February 10, 2012 are enclosed herewith for necessary information please.

Thanking You,

Yours sincerely


Prof (Dr) Vandana Suhag
Registrar Academics, SMU

Copy to

1. Brig (Dr) SN Mishra, Vice Chancellor, SMU – Chairman
2. Brig(Dr)SS Pabla, President Manipal University, Jaipur
3. Prof (Dr) RN Salhan, Pro VC (Medical) & Dean, SMIMS,
4. Maj Gen SS Dasaka, SM,VSM (Retd) Director, SMIT
5. Prof N S Ramesh Murthy, Director , SMUDDE
6. Prof (Dr) D K Jha, Additional Controller Examination, SMU
7. Prof (Dr) B K Kanungo, Head-OBG,CRH
8. Prof (Dr) B S Dandapat, Dean Academics, SMIT
9. Prof (Dr) Ajeya Jha, Head, Dept. of Management Studies, SMIT
10. Prof D Suryanaryana, Head, Dept of E&E, SMIT
11. Prof Mridula Das, Principal, College of Nursing, SMIMS
12. Dr Nikita Joshi, Principal, In- Charge College of Physiotherapy
13. Dr Gayathri Devi, Dean Academics, SMUDDE
14. Prof (Dr) Tapas Kumar Bhattacharya, Principal NBMC
15. Prof (Dr) MK Ghose, Dean (R& D) Head, Dept of CSE,SMIT –(Invitee)
16. Prof (Dr) Anjan Roy Choudhuri, DCE(Tech) SMIT- (Invitee)

No. SMU/ Reg.Acad/2012- 154

13th July, 2012

To,
All Members
Academic Senate
Sikkim Manipal University

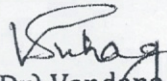
Minutes; 40th Academic Senate Meeting of the University

Dear Sir/Madam,

The Minutes of 40th Academic Senate Meeting of the University held on June 12, 2012 are forwarded herewith.

Thanking You,

Yours sincerely


Prof (Dr) Vandana Suhag
Registrar Academics, SMU

To,

1. Brig (Dr) SN Mishra, Vice Chancellor, SMU – Chairman
2. Brig(Dr)SS Pabla, President Manipal University, Jaipur
3. Prof (Dr) RN Salhan, Pro VC (Medical) & Dean, SMIMS,
4. Maj Gen (Dr) SS Dasaka SM,VSM (Retd) Director, SMIT
5. Prof (Dr)N S Ramesh Murthy, Director , SMUDDE
6. Prof (Dr) D K Jha, Additional Controller Examination, SMU
7. Prof (Dr) B K Kanungo, Head-OBG,CRH
8. Prof (Dr) B S Dandapat, Dean Academics, SMIT
9. Prof (Dr) Ajeya Jha, Head, Dept. of Mgt. Studies, SMIT
10. Prof D Suryanaryana, Head, Dept of E&E, SMIT
11. Dr Gayathri Devi, Dean Academics, SMUDDE
12. Prof (Dr) Tapas Kumar Bhattacharya, Principal NBMC
13. Dr Arun Baran Samaddar, Director, National Institute of Technology NIT, Sikkim, Ravangla Campus, Burfang Block, Ravangla South Sikkim -737139



MINUTES

39th Academic Senate Meeting

Sikkim Manipal University

2012

MINUTES
39th Academic Senate Meeting
Sikkim Manipal University

Time: 10.00AM

Date: February 10, 2012

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

The 39th Academic Senate Meeting of SMU began with the welcome address by Brig (Dr) SN Mishra, Vice – Chancellor, Sikkim Manipal University.

Members Present:-

Brig (Dr) SN Mishra , Vice Chancellor, SMU; Brig (Dr)SS Pabla, President, Manipal University, Jaipur; Prof (Dr) R N Salhan, Pro-VC (Medical) & Dean, SMIMS ; Maj Gen (Dr) SS Dasaka SM, VSM (Retd) Director; Prof(Dr) Vandana Suhag, Registrar Academics, SMU ;Prof (Dr) D K Jha, Addl. Controller Examination, SMU; Prof (Dr) B K Kanungo, Head of Dept. OBG, CRH; Prof (Dr) B S Dandapat, Dean (Academics) & Head, Dept of Mathematics, SMIT; Prof D Suryanaryan, Head, Dept of E&E, SMIT; Mrs Champa Adhikari, Principal Incharge, College of Nursing, SMIMS; Dr. Nitika Joshi, Principal In charge, College of Physiotherapy, SMIMS; Prof Pankaj Chettri, Addl. Registrar, SMIT, (Invitee); Dr Shivamkrishan, SMUDE, (Invitee); Ms Sudha Babulnath, SMUDE (Invitee); Prof (Dr) MK Ghose, Dean (R& D) Head, Dept of CSE,SMIT (Invitee) Prof (Dr) Amlan Gupta, Head, Dept of Pathology, SMIMS, (Invitee); Shri KC Panda, Finance Officer, SMU (Invitee); Brig Surindar Singh, Head HR & General Services, SMU (invitee)

Members granted leave of absence:

Prof. N S Ramesh Murthy, Director SMUDE, Prof (Dr) Ajeya Jha, Head Dept. of Mgt. Studies, Prof (Dr) Tapas Kumar Bhattacharya, Principal NBMC.

Item No I - Confirmation of Minutes of the 37th & 38th Academic Senate Meeting held on 5th September, 2011 at SMU, Tadong Campus & 14th December, 2011 at Manipal Tower Bangalore.

Decision – Confirmed.

Item No II Review of Minutes; 37th Academic Senate Meeting.

a) Grant of Lien: Faculty Members

The proposal of Grant of Lien policy to faculty members for inclusion in the University leave policy was placed before the 35th Academic Senate. The Senate directed that the Policy be framed by the Committee constituting of both the Heads of the Institutions, the Vice Chancellor and the Head HR, SMU. The Committee comprising of the above members worked out the modalities and decided that lien as a rule will not be granted to Faculty Members. However, specific cases duly recommended by the Director, SMIT/Dean, SMIMS could be considered by the Vice Chancellor SMU. The underlying principle for grant of Lien being only in the organizational interest. This would be on case to case basis and at the sole discretion of the Vice Chancellor, SMU. The 30th Governing Council Meeting of the University had approved the above.

Decision - Completed.

b) Change/Modification in Syllabi for B Tech (CSE), M Tech, (CSE), MCA and BCA Courses.

The BOS of Department of Computer Science & Engineering had proposed changes/modification in the syllabi for M. Tech (CSE), B. Tech (CSE), MCA and BCA courses, to be implemented from the session 2011-12. The 37th Senate had approved the modified syllabi for B Tech (CSE), MCA (CSE) & M.Tech (CSE) and **directed that the credit requirement for the B Tech in CSE should be same for all disciplines of B Tech Courses.**

Decision- Pending

c) External Examiners; Air Fare

The 37th Academic Senate of the University had approved the proposal of giving air fare (economy class) by shortest route to the External Examiners (Professors & Associate Professors) if the city/cities from where they are called is connected by air link. The same was ratified during the 30th GC meeting of the University.

Decision - The Senate decided that in future the university /institute will try and make the booking of the air tickets on economy air fare for the external examiners.

d) The BOS of CSE department proposed the following necessary changes/modifications for the M. Tech (CSE), MCA, B. Tech (CSE) and BCA courses.

The 37th Academic Senate directed for revision of BCA syllabus and same be placed during the next senate meeting of the university.

The revised syllabus of BCA was placed for approval.

Point has been discussed during 39th Academic Senate Meeting and placed at Item XXI (o).

e) M. Phil Programme in Mathematics.

The 37th Academic Senate of the university had approved the introduction of M. Phil program in Mathematics and directed the credit requirement of the program and the course details be placed before the senate during its 39th meeting **as item XXI 'f'**

Decision- Approved.

f) External expert for SMIT - Engineering courses

The 37th Academic Senate suggested that the Director of NIT Sikkim to be approached for inviting him /her as member of academic senate of the university. The Senate was informed that Dr AB Samaddar has been requested for his consent. Reply waited.

Decision: Noted.

d) Faculty Promotion Policy

The proposal for Career Advancement and Line Promotion Policies for faculty with Technical Qualification and with Science & Humanities Qualification was placed before the 37th Academic Senate Meeting. The members suggested for further modifications in coordination with Head HR SMU.

Decision – The Senate decided that the existing Group policy will be followed.

Item No III - Review of Minutes; 38th Academic Senate Meeting

a) Info related to IPR program to be offered in collaboration with CII.

The CII was keen on collaborating with the university and offer a program on IPR (Intellectual Property Rights) to its members by way of a Certificate/Diploma program. The Senate was requested to accord approval for the same. The 38th SMU Academic Senate approved and directed for sharing of fee for the same.

Decision- Pending.

b) Proposal to launch B Ed

The constant enquiries for the B Ed course, both from students and LCs revealed that there is a demand for trained teachers in almost all the States. The B Ed on Distance mode is a two-year program and prior permission of the NCTE is required for which efforts are on to seek the requisite permissions. The Senate was requested to accord approval to launch the course; details of the same were be laid at the next meeting. The Senate had approved the proposal and desired further confirmation on the Infrastructure and faculty DE to support similar courses at SMU.

Decision -Response awaited.

MINUTES
39th Academic Senate Meeting
Sikkim Manipal University

Sikkim Manipal Institute of Technology (SMIT)

Item No IV - Change/ Modification of Syllabi for B Tech E&E Engg

The proposal to add one more elective subject “EHV AC and DC Transmission” under Elective-I to VI Semester students. The syllabus of the Department of E&E Engineering is under revision and this subject is proposed as an additional elective subject under Elective I. Approval of the Academic Senate is sought for including the above subject under Elective I so that the subject could be offered to the present VI Semester (Jan –May 2012) students. Placed before the Senate for approval.

Decision: Approved

Item No V - Change/Modification of Syllabi for B Tech (Civil Engg)VIth Semester

One of the electives of B Tech (CE) “Remote Sensing and GIS (CE-602.5)” is not preferred by the students. Approval of the Academic Senate was therefore requested for transfer of one of the elective subjects under Elective II to Elective I i.e. Subject title: Ground Water Engineering Code CE 603.5 be changed to Elective I with CE 602.6. The proposal was placed before the Senate for approval.

Decision: Approved

Item No VI- Re-organization of Board of Studies.

BOS of various Departments were approved in the 37th Academic Senate Meeting. Consequently, there have been some changes in respect of few Departments as under. The senate directed for any BOS meeting two external experts to be included i.e **one each from Industry and Academic Institute.**

i) Department of Electrical & Electronics Engineering

- a. Prof (Dr) Abhijit Chakraborty, Dept. of E& E, B E& SU, Howrah. - External
- b. Dr. R. Sreeram Kumar, Head, E& E, NIT, Sikkim - External
- c. Shri Arijit Basu Roy NPTEL, Visiting Professor, JU, Kolkata - External

Placed before the Senate for approval.

Decision: Approved. The Senate suggested that the names of internal members to be also included as members of BOS.

ii) Department of Information Technology

- | | |
|---|----------|
| a. Prof (Dr). Subrata Ghoshal, Head, Dept of IT, SMIT. | Internal |
| b. Prof (Dr)M.K. Ghose, Dean (R&D) & Head, Dept of CSE,SMIT | Internal |
| c. Prof (Dr). R.N. Bera, Head, Dept of E&C Engg, SMIT | Internal |
| d. Mr. H. K.D. Sarma, Associate Prof, Dept of IT,SMIT | Internal |
| e. Mr. Udayan Baruah, Associate Prof, Dept of IT,SMIT | Internal |
| f. Mr. Bhaskar Bhuyan, Associate Prof, Dept of IT,SMIT | Internal |
| g. Prof (Dr). S.K. Ghosh, IT Department, IIT Kharagpur. | External |
| h. Prof (Dr) R.K. Samanta, Dept of CSE, NBU. | External |
| i. Mr. Satyabrata Das, , Core Technologies, Kolkata | External |

Placed before the Senate for approval.

Decision: Approved.

iii) Department of AE&I Engineering

- | | |
|---|----------|
| a. Mr. Swarup Sarkar, HOD I/C AE&I Dept. | Internal |
| b. Prof (Dr). R.N. Bera, HOD E&C Engineering | Internal |
| c. Prof D. Suryanarayana, HOD E&E Engineering. | Internal |
| d. Prof (Dr). Nisha Gupta, HOD, E&C Engineering, BIT Mesra. | External |
| e. Prof (Dr). C.K. Sarkar, Prof E.T.C.E. Jadavpur University. | External |
| f. Mr. Tulsi Ratan Poddar, Technical Director. | External |

Placed before the Senate for approval.

Decision: Approved.

iv) Department of Physics

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|--|----------|
| a. Prof (Dr). V.K. Sayal, Head, Dept of Physics, SMIT | Internal |
| b. Prof (Dr). G.C. Mishra, Dept of Physics, SMIT | Internal |
| c. Dr. U. Deka, Associate Professor, Dept. of SMIT, Physics | Internal |
| d. Prof S.K. Ghosal Department of Physics, NBU. | External |
| e. Prof A.N. Iyengar Head Plasma Physics Division, SINP ,Kolkata | External |

Placed before the Senate for approval.

Decision: Approved

v) Department of Computer Science & Engineering.

- | | |
|--|----------|
| a. Prof (Dr)M.K. Ghose, Dean R& D, Head, Dept of CSE, SMIT | Internal |
| b. Prof (Dr) Kalpana Sharma, Dept of CSE, SMIT | Internal |
| c. Prof (Dr) Ratika Pradhan, Dept of CSE, SMIT | Internal |
| d. Dr. S. Borah Dept of CSE, SMIT. | Internal |
| e. Mr. U.K. Chakraborty, Dept of CSE, SMIT | Internal |
| f. Mr Pijush Barthakur, Dept of CSE, SMIT | Internal |
| g. Dr. K. Kasavasamy, Head HR, TCS, Trivandrum | External |
| h. Dr. S.K. Ghosh, Associate Professor, SIT, IIT Kharagpur | External |
| i. Dr S Ramesh Babu, Associate Vice President,
Education & Research, Bhubaneshwar | External |

Placed before the Senate for approval.

Decision: Approved. External member from industry can be from nearby areas.

vi) Department of Mathematics.

- | | |
|--|----------|
| a. Prof (Dr). B.S. Dandapat, Head, Dept of Maths, SMIT | Internal |
| b. Prof (Dr) S.K. Abdur Rouf , Dept. of Maths, SMIT | Internal |
| c. Prof (Dr). Anjan Roychoudhuri. Dept . of Maths, SMIT | Internal |
| d. Dr. Archit Yajnik, Dept of Maths, SMIT | Internal |
| e. Mr. Santanu Savapondit, Dept of Maths, SMIT | Internal |
| f. Dr. Pankaj Chettri, Dept. of Maths, SMIT | Internal |
| g. Prof (Dr). Peeyush Chandra, Dept of Maths, IIT Kanpur | External |
| h. Prof (Dr). B.N. Mondal, ISI, Kolkata | External |
| i. Prof (Dr). D.P. Dalal, Dept of Maths, IIT Guwahati | External |

Placed before the Senate for approval.

Decision: Approved.

vii) Department of Civil Engineering

- | | |
|---|----------|
| a. Prof C J Thomas, Head, Dept of Civil Engg. SMIT | Internal |
| b. Dr C Bhuiyan, Asso Prof, Dept of Civil Engg. SMIT | Internal |
| c. Dr Sankar Sarkar, Asso Prof, Dept of Civil Engg. SMIT | Internal |
| d. Mr. Biswajit Saha, Asst Prof, Dept of Civil Engg. SMIT | Internal |
| e. Dr V.R. Desai, Professor, IIT, Kharagpur. | External |
| f. Dr Utpal Kumar Mondal, Prof, Jalpaiguri, Govt. Engg. College | External |
| g. Mr B.K.Ojha, CEO, Lanco Infratech Ltd, Majitar | External |

Placed before the Senate for approval.

Decision: Approved.

Viii) Department of Chemistry

a. Prof (Dr) Sangeeta Jha, Head, Dept. of Chemistry, SMIT	Internal
b. Prof (Dr) Sanjay Dahal, Professor, Dept of Chemistry, SMIT	Internal
c. Dr Nayak Kamal Bhattacharya, Asso Prof, Dept of Chemistry (SMIT)	Internal
d. Dr Satadru Jha, Associate Professor, Dept of Chemistry, SMIT.	Internal
e. Mr Santanu Gupta, Assistant Prof –I, Dept. of Chemistry, SMIT	Internal
f. Prof S.K. Saha, Dept. of Chemistry, NBU	External
g. Prof S.C. Santra, Dept. of Env. Sci, University of Kalyani	External
h. Prof M.N Ray, Dept of Chemistry, NBU	External

Placed before the Senate for approval.

Decision : Approved.

Item No VII Registration as a Supervisor of the Doctoral Candidates

Approval of the Academic Senate is requested for registration of the name of Dr. Amitava Ray, Department of Mechanical Engineering, SMIT as a Supervisor for the Doctoral Candidates.

Decision: The Senate decided that the University Research Committee (URC) will approve the names of the guide and of the Scholar and thereafter the same will be placed before the members of SMU Academic Senate for ratification.

Item No VIII - External Member from Industry for BOS

In spite of our best efforts, it has been observed that Ph. D Degree holders are not available in the industry to be included as external members. It is therefore recommended that requirement of Ph.D degree holders from industry as BOS member may be dispensed with.

The above was placed before the Senate for directions.

Decision: The Senate clarified that the PhD degree is not mandatory criterion for members of the industries for BOS. However, the industry representatives should have sufficient experience to contribute positively in the BOS. University has not given any such directive regarding the said qualification earlier also.

Item No IX - Approval for New Course Structure for Subjects offered by CSE Dept (B Tech, M Tech, BCA/MCA)

After a detailed comparison of the syllabi of MIT & SMIT, detailed syllabus has been prepared by CSE Department for B Tech, M Tech and MCA. Approval for the same is sought for working out the detailed syllabus subsequently.

Placed before the Senate for approval.

Decision: The Senate pointed that any such matter should be first discussed in Board of Studies of the concerned department, approved by Academic Council of the institute and then the proceedings of the same to be placed before the SMU Academic Senate for further direction.

Item No X - Grant of Two Advance Increments for M Phil at the Entry Level.

AICTE norms for advance increments are as under:-

- a) Faculty, who acquire M Phil Degree or a post graduate degree in a professional course recognized by the relevant Statutory Body/Council while in service, shall be entitled to one advance increment.
- b) Two compounded advance increments shall be admissible for Assistant Librarian/College Librarian with M Phil Degree in Library Science at the entry level. Assistant Librarian/College Librarian and those in higher positions acquiring M. Phil Degree in Library Science at any time during the course of their service shall be entitled to one advance increment.

The Senate was requested the approval for the implementation of the above AICTE norms.

Decision: Agenda point is for entry level increments. Whereas AICTE norms quoted are for higher qualification while in service, thus contradicting each other. Increments at Entry level for M Tech/M Phil/ PhD are already in practice. For in-service higher qualification, the individual is given SAAA. Therefore existing Group Policy to be followed.

Sikkim Manipal Institute of Medical Science (SMIMS)

Item No XI - To streamline and monitor the teaching of Undergraduate and Post Graduate in the Sikkim Manipal Institute of Medical Sciences, the following officers are appointed with their functional designation for a period of two years.

- a. Dr Sanjiba Dutta, Professor, Dept of Psychiatry as Clinical Coordinator cum Sub Dean for Undergraduate teaching.
- b. Dr Subrata Chattopadhyay, Professor, Dept. of Physiology as Coordinator for Post Graduate (MD/MS/DNB) Teaching/ Research.
- c. Prof (Dr) BK Kanungo, HOD, OBG will continue to be the Convener of DNB Courses.

The Senate was requested for ratification.

Decision: Ratified.

Item No XII - Formation of BOS for Medical courses :- The departments of Community medicine, Medicine, Physiology, Paediatrics & Anatomy had constituted the Board of Studies comprising of two Internal members from the concerned Department, One Internal member from Inter Department & two External Members from recognized Medical College. The above BOS were placed before the Senate for approval.

Decision: The Pro VC (Medical) SMU, Dean SMIMS is requested to give the names of common BOS of MBBS Course and separate BOS for each Dept of PG courses.

i) Department of MD Biochemistry & MSc Medical Biochemistry

- | | |
|---|----------|
| a. Prof (Dr) RN Salhan, Pro VC (medical) & Dean, SMIMS | Chairman |
| b. Prof (Dr) DK Jha, MD, Controller of Examination, SMU | Internal |
| c. Dr Mingma L Sherpa, Asso Prof, Dept. of Biochemistry, SMIMS | Internal |
| d. Prof (Dr) T A Singh, Head, Dept of Biochemistry, SMIMS | Internal |
| e. Prof (Dr) W.G Singh, Dean of Faculty Head, Dept of Biochemistry, RIMC regional Imphal. | External |
| f. Dr Basudev Bhattachariya, BME, Tripura Govt. (IPGMER) Kolkata | External |

Placed before the Senate for approval.

Decision: Approved

ii) Department of Integrated MSc Medical Biotechnology

- | | |
|--|----------|
| a. Prof (Dr) RN Salhan, Pro VC(medical) & Dean, SMIMS | Internal |
| b. Prof (Dr) DK Jha, MD, Controller of Examination, SMU | Internal |
| c. Dr Mingma L Sherpa , MD, Associate Professor,
Dept. of Biochemistry, SMIMS | Internal |
| d. Prof (Dr) T A Singh, MD, Head , Dept of Biochemistry, SMIMS | Internal |
| e. Prof (Dr) W.G Singh, Dean of Faculty, Head, Dept of Biochemistry,
RIMC, Imphal | External |
| f. Dr YD Sharma, Head, Dept of Biotechnology, AIIMS | External |

Placed before the Senate for approval

Decision: The Senate suggested that one expert from Bioinformatics to be included as member of BOS.

iii) Department of BScMLT

- | | |
|--|----------|
| a. Prof (Dr) RN Salhan, Pro V Medical & Dean SMIMS | Internal |
| b. Prof (Dr)TSK Singh, Head, Dept of Microbiology, SMIMS | Internal |
| c. Prof (Dr) Amlan Gupta, MD, Head ,Dept of Biochemistry, SMIMS | Internal |
| d. Dr Mingma L Sherpa, Associate Professor, Dept. of Biochemistry, SMIMS | Internal |
| e. Prof (Dr) Joyashree Bhattacharjee, Head, Dept of Biochemistry,
Lady Hardinge Medical College New Delhi | External |
| f. Prof (Dr) W.G Singh, Dean of Faculty Head, Dept of Biochemistry,
Regional Institute of Medical Science, Imphal | External |

Placed before the Senate for approval.

Decision : Approved.

iv) Sikkim Manipal College of Nursing (SMCON)

- | | |
|--|------------|
| a. Prof (Dr) RN Salhan, Pro VC(medical) & Dean, SMIMS | - Chairman |
| b. Prof Mridual Saikia Khanikar, Principal , RCN (Govt.) Guwahati | - External |
| c. Mrs Reena Bose, Principal, SFCN(Pvt) Kolkata | - External |
| d. Prof Mahesweta Bose, Principal West Bengal Govt. College of Nursing | - External |
| e. Prof Mridula Das, Secretary, Principal, SMCON | - Internal |
| f. Mrs Champa Sharma, (Minutes Secretary) Associate Professor, SMCON | - Internal |

Placed before the Senate for approval.

Decision: Approved.

v) Sikkim Manipal College of Physiotherapy (SMCPT)

- | | |
|--|------------|
| a. Prof (Dr) RN Salhan, Pro VC (medical) & Dean, SMIMS | - Chairman |
| b. Dr Nikita Joshi, In charge, SMCPT | - Internal |
| c. Dr Bidita Khandelwal, Professor, Dept of Medicine, SMIMS | - Internal |
| d. Dr PP Mohanty, Head, Dept. of Physiotherapy, SVNIRTAR Cuttack | - External |
| e. Dr Arun Maiya, Head, Dept. of Physiotherapy, MCOAHS, Manipal. | - External |

Placed before the Senate for approval.

Decision: Approved.

Item No XIII - Academic Calendar of Integrated MSc Medical Biotechnology for the year 2011-2012 is placed before the Senate.

Decision: Noted. However, the Senate suggested that in future only Academic scheme of the Calendar to be placed for perusal.

Item No XIV Sikkim Manipal College of Nursing (SMCON)

Academic Calendar for B.Sc Nursing & Post BSc Nursing Programme, 2011 is placed before the Senate for information.

Decision: Noted.

Item No XV Sikkim Manipal College of Physiotherapy (SMCPT)

As per the current guidelines laid down for the gold medal awarded during the convocation is for minimum batch strength of 20 students. But as per the present trend of admission in the BPT whose maximum intake is 30 & MPT is 12, the set criteria is not always fulfilled hence a denial in the grant of gold medal has been observed for the past two years. To bring about a positive reinforcement among the students who equally deserve the medal, consideration for the award of medal for the best passing out student from the college depending on the strength of the batch should be done away with.

Placed before the Senate for decision.

Decision: Not Approved.

Item No XVI – The following faculty have sought the senate approval to be registered as PhD Guide.

- a. Prof (Dr) Shivram Krishnan, Head, Dept. of Arts & Humanities, SMUDDE, Bangalore
- b. Dr Raghavendra Rao. B, Asst. Professor, Dept. of Healthcare Science, SMUDE, Bangalore.
- c. Dr Manojkumar Nagasampige, Asso.Professor, Dept. of Healthcare Sciences, SMUDE, Bangalore.
- d. Prof (Dr) L. Senthilkumar, Head, Dept. of IT, SMUDE, Bangalore.
- e. Prof (Dr) GP Sudhir, Head, Dept of Mgt.Studies, SMUDE, Bangalore.
- f. Dr Glenda Lynna Anne Tibe Bonifacia, Associate Professor in Women's Studies, University of Lethbridge, Alberta, Canada. (Co-Guide of Indira Sharma, Dept of Mgt. Studies, SMIT)

Placed before the Senate for approval.

Decision: For Sr 'a to e', the Senate pointed that the research guides are approved for registration by the University Research Committee and then placed before the Academic Senate for ratification. The Senate approved Sr 'f' since the Department Research Progress Committee (DRPC) and the guide of the concerned scholar have already given their consent to include Dr. Glenda as an additional guide.

Item No XVII PhD Registration-

The following provisionally registered candidates have qualified the PhD entrance examination of the University hence, the registration of these candidates been confirmed -

- a. Mr Arjun Maitra (External/Part Time candidate) Reg No-201010010, Dept of Physiology (SMIMS): Guide/s –Dr Rakesh Biswas, Prof (Dr) DK Jha.
- b. Mrs Chaitali Deb Maitra (External candidate)) Reg No 201110002, Dept of Biochemistry (SMIMS) Guide-Dr ARS Sinha, Dr T A Singh.

- c. Lt Col Amit Purty, (External/Part Time), Reg No – 201110009, Dept. of Mgt. Studies, SMIT ,Guide – Brig (Dr) SN Mishra & Lt Col (Dr) J Sathpathy.
- d. Col J P Singh, (External/Part Time) Reg. No. -201110010 , Dept. of Mgt. Studies, SMIT. Guide – Brig (Dr) SN Mishra & Lt Col (Dr) J Sathpathy.

Decision : Noted

Item No XVIII –The following research scholars of the University had successfully defended their theses & awarded with PhD degree.

- a. Nitu Bhatnagar, Reg. No 200810010, Dept of Chemistry, SMIT on the topic **“Development of High Performance Polymeric Nanocomposite for Automobile and Aerospace Applications”**.
- b. Roheet Bhatnagar, Reg. No 200910002, Dept of CSE, SMIT, on the topic **“Early Stage Software Effort Estimation, Software Engineering”**

The senate was informed.

Decision : Noted

Item No XIX - Sikkim Manipal University Directorate of Distance education (SMUDDE)

- a. **Launch of Flexi MBA** - The Details of the programme were placed before the Senate for approval.

Decision: The Senate suggested that the word Flexi should be omitted and more number of specialization to be included /offered to make the programme flexible.

- b. **Launch of EMBA-** The 38th Academic Senate of the university had approved the launch of Executive MBA program during its meeting.

The structure of the program was placed before the Senate for approval.

Decision: Approved. The equivalence of the said degree should be checked with the Post Graduate Degree. If found not equivalent than inclusion of one more semester / direct entry to the required semester to be planned .

- c. **MSc CS – The Degree** awarded in **MScIT/ MScCS** by other Universities to be considered as eligibility criterion to pursue MCA as Lateral / Direct entry to Year 3 of SMU DE MCA program.

Placed before the Senate for approval.

Decision: Approved, subject to the condition that the analysis/mapping of the course details are found similar to that of other universities.

Item No XX. List of Learning Centre of SMUDE

- a. **List of Learning Centre of SMU DE is placed before the Senate for approval.**

Decision: Approved. The Senate suggested that the list of the SMU DE Examination centres also be communicated to the University.

- b. **Approval of All India Register of Graduates- January 2011 Examinations and July 2011 Examinations.**

The Directorate of Distance Education, SMU successfully conducted the Term-end examinations in January 2011 and July 2011. **20538** students from January 2011, **13** students from April 2011 and **37942** students from July 2011 examinations have successfully completed their Courses / Programs and are eligible to receive their Degrees.

The Course / Program-wise Register of Graduates for both the examinations are placed before the Academic Senate for approval.

Decision: Approved.

Item No XXI. - SMIT Additional Agenda

a) Revision of Syllabus for B Tech IT Dept

On the recommendations of the Board of Studies the following proposal is placed before the Senate:-

- i. To eliminate the course IT - 610 “Study Oriented Project” of 1.5 credits.
- ii. To reduce the total credit of the course IT 709 “Mini Project, Industrial training and Seminar” from 3.5 to 3.0 credits.

Above changes would reduce the total credit of B. Tech (IT) for students admitted from 2011 onwards to 210. However, students admitted in 2010 and 2009 would have a total credit of 213 as their first year credit remains at 53 placed before the Senate for approval.

Decision : Approved.

b) Revision of Syllabus for B.Tech and M. Tech/PhD Course Work for ME Dept

Dept. of Mechanical Engineering proposed revision of syllabus for the following subjects:

- i. Engineering Graphics (COA 105/ COB 205)
- ii. Fluid Mechanics Lab (ME 508)
- iii. Thermal Engineering LAB II (ME 607)
- iv. Machine Dynamic Lab (ME 706)
- v. Workshop Practice-II (ME 307)
- vi. Operations Management (MME 216): Proposed syllabus for M. Tech/PhD course work
- vii. Metrology Lab(ME 509)- Proposed syllabus
- viii. Metrology Lab(ME 509)- Proposed Lab
- ix. Automobile Lab(ME 609)-Proposed Lab

Placed before the Senate for approval.

Decision: Approved.

c) The following changes are made in subjects of VIth and VIIth semesters due to the incorporation of new labs in the B. Tech (Mech) course. However, the contents of the syllabi of these subjects are kept same.

- i. Automobile Engineering(ME 604)
- ii. Instrumentation & Control System(ME 704)

The proposed revised syllabus will be placed during the meeting.

Placed before the Senate for approval.

Decision: Approved.

d) Revision of Syllabus for B. Tech and M. Tech- E&E Dept

The meeting of Board of Studies of E&E Dept. along with external experts held on January 12th 2012, formulated a detailed course syllabus for B. Tech and M. Tech- (E&E).

The revised curriculum and syllabi for the same will be placed during the meeting.

Placed before the senate for approval.

Decision : Approved.

e) Revised Syllabus for B. Tech- Civil Dept

After having reduced the credit for the first year (Common to all branches) from 53 to 50, the total credit for the four year course is 207. To make it 210, it is proposed to add one additional elective course of 3 credit for present batch already in the sixth semester.

Placed before the senate for approval.

Decision: Approved.

f) Revised Syllabus for M Phil and M.Sc - Maths Dept

Meeting of the Board of Studies for Mathematics Dept., held on Dec 8th, 2011, formulated a detailed course for M. Phil and recommended the change in curricula and syllabi of the M. Sc Mathematics courses of the University. The revised curriculum and syllabi for M. Phil and modified syllabus for M.Sc Mathematics viz. MMT 101(Real Analysis) and MMT 401(Wavelet analysis) placed for approval.

Decision: Approved.

g) Appointment Policy for the Post of Assistant Prof II for Non Ph. D Candidates in Basic Sciences Departments/ B. Tech/ MCA and Incentives for Candidates with Ph. D. and M. Phil. Degrees

Comparison of the present salary structure of the SMIT with UGC/AICTE scale was done. Based on that, proposed salary for different intake categories is given below.

SL. NO	INTAKE CATEGORIES	PRESENT SALARY		PROPOSED SALARY	REMARKS
		SMIT	UGC/AICTE		
1	M. Sc./B. Tech./MCA	Consolidated Amount Rs 30000		Consolidated Amount Rs 30000	No change
2	M. Sc./B. Tech./MCA with Teaching Experience in college/university or Industrial Experience	Consolidated Amount Rs 30000		Pay protection in regular scale	These candidates need to enhance their qualifications as per institute's norm within next three years. If they cannot do so, their salary is

					recommended to be fixed at that stage till their qualification is enhanced.
3	M. Sc/MCA with NET(National Eligibility test)	Consolidated Amount Rs 30000	Regular Scale	Regular Scale	
4	M. Sc /MCA and completed research work for Ph. D degree but yet to submit the thesis and having at least two research publications in any indexed standard journals	Consolidated Amount Rs 30000		Regular Scale with two increments.	These candidates need to enhance their qualifications as per institute's norm within next two years. If they cannot do so, their salary is recommended to be fixed at that stage till their qualification is enhanced.
5	M. Sc/MCA and submitted Ph. D thesis but not awarded the degree and having at least two research publications in any indexed standard journals but yet to receive the degree.	Consolidated Amount Rs 30000		Regular Scale with three increments.	

6	M. Sc /MCA and registered for Ph. D and completed course work but not published any research papers in indexed journals	Consolidated Amount Rs 30000		Consolidated Amount Rs 32000	These candidates need to enhance their qualifications as per institute's norm within next three years. If they cannot do so, their salary is recommended to be fixed at that stage till their qualification is enhanced.
7	M. Sc /B. Tech /MCA and published one research papers in indexed journals but not registered for Ph. D	Consolidated Amount Rs 30000		Consolidated Amount Rs 31000	These candidates need to enhance their qualifications as per institute's norm within next three years. If they cannot do so, their salary is recommended to be fixed at that stage till their qualification is enhanced.
8	B. Tech /MCA and completed their Project work, submitted thesis for M. Tech and awaiting results	Consolidated Amount Rs 30000		Consolidated Amount Rs 31000	The candidate has to produce M. Tech degree with in six months from the date of joining
9	M. Sc, M. Phil.	Regular Scale with two increments.	Regular Scale with two increments.	Regular Scale with two increments.	As per UGC circular No.F.3/1/2009 (PS), dated: Sept. 2009.

10	M. Sc/ M. Tech/MCA with Ph.D. degree in the relevant discipline	Regular Scale with four increments.	Regular Scale with five increments.	Regular Scale with five increments.	As per UGC circular No.F.3/1/2009 (PS), dated: Sept. 2009.
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Placed before the Academic Senate for implementation of above.

Decision: Existing policies of SMU to be continued.

h) Faculty Recruitment in SMIT for SMIT Recent Pass - outs

It is observed that many of the young faculties inducted immediately after passing out B. Tech./M.Sc from SMIT have very close friendship with their juniors still studying in SMIT. These faculties spend most of their leisure time with these students. This type of close association may adversely affect the confidentiality of the examination process and sanctity of SMIT environment, especially in cases of classes for extra semester/rejoin cases.

In view of the above, it is proposed that B. Tech/ MCA/M. Sc. pass outs from SMIT should be considered for recruitment in faculty position in any department of the institute, only after the completion of M. Tech./ M. Phil. Degree and also in case of candidates in a consolidated scale, the candidates should be taken only after two years after passing out B. Tech./ MCA/M.Sc from SMIT, so that they would not have to teach their immediate juniors when they did B.Tech/MCA/M.Sc. In addition, it would also help the faculty to update/top up their knowledge for two years before they start taking classes. This will also reduce the adverse effects of in-breeding.

The senate may give directions on the above.

Decision : Not approved. As the recruitment policy is same for all aspiring candidates.

i) Rejoin Cases

At present in case of Rejoin candidates, the attendance is counted from the date in which the student has rejoined. Over the years, students have been taking advantage of this chance by joining as a rejoin candidate very late after the commencement of the semester, attending classes only for a few days and claiming 100% attendance. This has been adversely affecting their knowledge of the subject. It is therefore proposed that a candidate may be allowed to rejoin only up to 15 days from the date of commencement of the semester and his attendance be counted against the complete attendance from the beginning of the semester.

Approval of the Academics Senate was requested for implementation of the above.

Decision: Rejoining cases are supposed to be at the commencement of the semester. The exam schedule and declaration of result have been advanced to facilitate this. Any deviation is to be considered on its merit by the Director, SMIT.

j) Motivating/Inspiring Professors during their long years of Professorship.

A Professor holds the post for approximately 25 -30 years on the assumption that he becomes professor at the age of 35-40 years and retires at 65 years. Holding that designation for too long is not motivating as the career path stagnates after that. It is therefore proposed to create the four levels of Professors as under:-

- (i) Chair Professors – Top most category
- (ii) Research Professors – Middle category
- (iii) Senior Professors – Higher than normal category
- (iv) Professors – Normal category

The promotion from one level to another should be linked to years spent in the previous level, No of publications, involvement in externally funded projects and guidance of Ph. D scholars etc. If approved in the principle, details would be worked out for submission separately.

Decision : Not approved.

k) Addition of one External Expert in the List of Board of Studies for CSE Department

CSE Department proposes to further add the name of Dr. S. Ramesh Babu, Associate Vice President, Education and Research, Bhubaneshwar as another External Examiner in the list of BOS. Placed before the Senate for approval.

Decision: Reference Item V ‘v’ of Minutes of 39th Academic Senate Meeting.

l) Formula for the CGPA to Percentage Conversion

SMIT adopted the CGPA (Cumulative Grade Point Average) system of evaluation from 2004-2005. The equivalence percentage of marks for the CGPA obtained by a student is given by the equation “ $y = -0.12x^3 + 3.44x^2 - 20.5x + 80$; where y = percentage of marks and x = CGPA”.

The above formula has become redundant as it applied to the data at that point of time. Hence there is a need to review the above formula.

m) T&P Dept. keeps receiving queries from companies on the formula used for the CGPA to percentage conversion. Recently, officers from the Indian Army who had come to the

campus for University Entry Scheme selection were also insisting on the same. Moreover, a large number of alumni also keeps asking for same. Hence a suitable formula may be adopted for dissemination/information to all concerned whenever needed.

Placed before the Senate for necessary directions.

Decision: The Senate directed that the AICTE norms to be followed.

n) Revision of Syllabus for BCA Course of CSE Dept

At present BCA has four mathematics papers -BCA 101: Mathematics- I, BCA 201: Mathematics- II, BCA 301: Mathematics- III, and BCA 401: Mathematics- IV. In view of the intake of BCA students without Mathematics background in their 12th standard and also the requirement of incorporating departmental subject JAVA PROGRAMMING in BCA to cope up with the industrial requirement, it is proposed to condense the present syllabus to three Mathematics papers viz Mathematics-II (BCA 201), Mathematics- III (BCA 301) and Mathematics- IV(BCA 401) into two papers in Mathematics as Mathematics-II and Mathematics- III(Problem Solving using C/C++). Mathematics-I (BCA -101) would remain unchanged. These changes would be applicable for BCA students of 2012-2013 onwards. For the ongoing BCA courses, there will be four papers of Mathematics as per existing syllabus.

Placed before the Senate for approval.

Decision: Maths syllabus to be at the level of XII to be covered during the BCA programme to make the student of BCA eligible for MCA in future. Accordingly the existing syllabus of the programme be compared.

o) Proposed/Modified Schema for B. Tech/M.Tech/BCA/MCA Courses of CSE Dept

The proposed / modified course structures (schema) of B. Tech/M.Tech/BCA/MCA to be implemented from 2012-13 batch is at Appendix A. The detailed syllabus will be submitted after approval of the schema which would be reviewed by BOS and put up for approval in the next academic senate.

The Senate is informed.

Decision: The senate suggested that such proposals should be placed before the BOS of the respective departments/course, approved by Institute Academic Council and then be placed before the Academic Senate for necessary decision.

Item No XXII - Agenda from Additional Controller of Examination, SMU

- a. **University examination of BSc Nursing as per INC guidelines.** There will be one annual & one supplementary examination in one Academic year.

Decision: Noted

- b. **Issue of Duplicate Admit card** – Rupees 100/- to be charged for issue of Duplicate admit card during university examination.

Decision: Approved.

The meeting ended with vote of thanks to the chair, members of the Senate and invitee.



Sd/

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

MINUTES

40th Academic Senate Meeting
Sikkim Manipal University

2012

MINUTES
40th Academic Senate Meeting
Sikkim Manipal University

Time: 9:30AM

Date: June 12, 2012

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

The 40th Academic Senate meeting began with the welcome to Dr Arun Baran Samaddar, Director, National Institute of Technology (NIT) and all other members to 40th Academic Senate Meeting.

Members present:-

Brig (Dr) SN Mishra, Vice Chancellor, SMU – Chairman ; Maj Gen (Dr) SS Dasaka SM,VSM (Retd) Director, SMIT; Dr Arun Baran Samaddar, Director, National Institute of Technology NIT, Sikkim; Prof (Dr) Vandana Suhag, Registrar Academics, SMU; Prof (Dr)N S Ramesh Murthy, Director , SMUDDE; Prof (Dr) D K Jha, Additional Controller Examination, SMU; Prof (Dr) B K Kanungo, Head-OBG, CRH; Prof (Dr) B S Dandapat, Dean Academics, SMIT; Prof (Dr) Ajeya Jha, Head, Dept. of Mgt. Studies, SMIT ;Prof D Suryanaryana, Head, Dept of E&E, SMIT; Dr Gayathri Devi, Dean Academics, SMUDDE ; Brig (Retd.) Surindar Singh, Head HR & General Services, SMU (Invitee); Shri KC Panda, Finance Officer, SMU (Invitee); Maj Gen (Dr) Shamsher Singh, Medical Superintendent, CRH(Invitee); Dr RR Rausaria, Advisor, SMUDDE (Invitee); Dr Shivram Krishnan Prof & Head, Dept of A & H and VS, SMUDDE (Invitee); Mr Vasu K Saksena, President - Distributed learning Centre, MaGE (Invitee);; Dr Pankaj Chettri, Asst. Registrar, SMIT(Invitee);, Mr Ashok Sahu, Head Product Marketing; (Invitee);

Members granted leave of absence:

Prof (Dr) RN Salhan, Pro VC (Medical) & Dean, SMIMS, Brig(Dr)SS Pabla, President Manipal University, Jaipur; Prof (Dr) Tapas Kumar Bhattacharya, Principal NBMC; Prof Mridula Das, Principal, SMCON; Dr Nikita Joshi, (MPT) In- Charge, SMCPT.

However, the Senate opined since Prof (Dr) Tapas Kumar Bhattacharya, Principal NBMC has not attended even a single meeting after his appointment as the member of the Academic Senate, (Appointed during the 37th Academic Senate Meeting of the university held on 5th Sept 2011), the Pro VC (Medical) & Dean, SMIMS may propose a fresh nomination as expert member.

Item No I - Confirmation of Minutes of the 39th Academic Senate Meeting held on 10th February 2012 at Conference Hall, Level III, College building SMIMS, Tadong, Gangtok.

Decision: Confirmed.

Item No II Review of Minutes; 39th Academic Senate Meeting.

a) Change/Modification in Syllabi for B Tech (CSE), M Tech, (CSE), MCA and BCA Courses.

The 37th Senate had approved the modified syllabi for B Tech (CSE), MCA (CSE) & M.Tech (CSE) and directed that the credit requirement for the B Tech in CSE should be same for all disciplines of B Tech Courses. The matter was pended during 39th Academic Senate meeting. The credit requirements for the B Tech in CSE are placed at Item No. XIX Pg no. 13.

Decision: Refer Item No. XIX Pg No. 16.

b) Info related to IPR program to be offered in collaboration with CII.

The CII collaboration with the university to offer a program on IPR (Intellectual Property Rights) to its members by way of a Certificate/Diploma program was placed before the 38th Academic Senate meeting the senate directed for sharing of fee. The matter was pending during the 39th Academic Senate meeting also.

Decision: Considering the current market situation, the program launch has been deferred. Further, the Senate, during the previous meeting had directed DE to share the modalities of fee sharing with CII.

Since the launch is deferred, discussion with CII on fee sharing shall take place prior to the launch of the program.

c) Proposal to launch B Ed

The 38th Academic Senate was requested to accord approval to launch the above course; details of the same were to be laid during the 39th meeting. The Senate had approved the proposal and desired further confirmation on the Infrastructure and faculty DE to support similar courses at SMU. The point was pending during the 39th Academic Senate meeting.

The program can be launched after obtaining due permission from the NCTE: after fulfilling the prescribed requirements of NCTE Infra+ faculties at the University).

The maximum no. of candidates that can be admitted is 500 per year within the state in which the approved university exists.

Decision: The Senate suggested the following points:-

- i. Sikkim State Government to be approached to issue a letter to SMU requesting the University to offer B.Ed/ M.Ed programs to meet the demands of the State Government for qualified trained teachers in the State. NCTE approval would be sought thereafter.**
- ii. Head, A&H to immediately proactively initiate action for timely launch of B.Ed/M Ed programs on campus in creating necessary infrastructure facilities, requirement of faculty as per NCTE norms (grades-minimum qualification), insertion of advertisement for faculty recruitment, and for information of general public and prospective students.**

d) Re-organization of Board of Studies.

BOS of various Departments were approved during the 39th Academic Senate Meeting of the University. Consequently, there have been some changes in respect of few Departments as under. The senate directed for any BOS meeting two external experts to be included i.e **one each from Industry and Academic Institute.**

The BOS in the Department of Electrical & Electronics Engineering were placed and approved by the 39th Academic Senate Meeting and suggested that the name of the internal members to be also included as members of BOS. The same was placed as under:-

- | | | |
|--|---|----------|
| a) Prof. D. Suryanarayana, Head, Dept. of E&E, SMIT | - | Internal |
| b) Prof. (Dr.) K. S. Sherpa, Professor, Dept. of E&E, SMIT | - | Internal |
| c) Md. Nasir Ansari, Associate Professor, Dept. of E&E, SMIT | - | Internal |
| d) Amit Kumar Singh, Associate Professor, Dept. of E&E, SMIT | - | Internal |
| e) Prof (Dr) Abhijit Chakraborty, Dept. of E& E, B E& SU, Howrah | - | External |
| f) Dr. R. Sreeram Kumar, Head, E& E, NIT, Sikkim | - | External |
| g) Shri Arijit Basu Roy NPTL, Visiting Professor, JU, Kolkata | - | External |

Decision: Approved. The Members pointed that Dr. R. Sreeram Kumar, Head, E& E, NIT, Sikkim has been posted to some other place and in his place one External member from Academic to be nominated and to be placed during the next Academic Senate meeting.

- e) Formation of BOS for Medical Courses :-** The Departments of Community Medicine, Medicine, Physiology, Paediatrics & Anatomy had constituted the Board of Studies comprising of two Internal members from the concerned Department, One Internal member from Inter Department & two External Members from recognized Medical College. The above BOS were placed before the 39th Academic Senate meeting. The Pro VC (Medical) SMU, Dean SMIMS was requested to give the names of common BOS of MBBS Course and separate BOS for each Dept of PG courses.

Decision : Pending

- f) The BOS in the Department of Integrated MSc Medical Biotechnology** were placed before the 39th Academic Senate Meeting the Senate suggested that one expert from Bioinformatics to be included as member of BOS.

- | | |
|--|----------|
| a. Prof (Dr) RN Salhan, Pro VC(medical) & Dean, SMIMS | Internal |
| b. Prof (Dr) DK Jha, MD, Controller of Examination, SMU | Internal |
| c. Dr Mingma L Sherpa , MD, Associate Professor,
Dept. of Biochemistry, SMIMS | Internal |
| d. Prof (Dr) T A Singh, MD, Head , Dept of Biochemistry, SMIMS | Internal |
| e. Prof (Dr) W.G Singh, Dean of Faculty, Head, Dept of Biochemistry,
RIMC, Imphal | External |
| f. Dr YD Sharma, Head, Dept of Biotechnology, AIIMS | External |

Decision: Pending

g) Revision of Syllabus for BCA Course of CSE Dept.

The revised Syllabus for BCA Course of CSE Dept was placed before the 39th Senate Academic for approval. The Senate directed that Maths syllabus to be at the level of XII to be covered during the BCA programme to make the student of BCA eligible for MCA in future. Accordingly the existing syllabus of the programme be compared.

The revised syllabus of the above courses was placed before the Senate - Item No XIX Pg no 13.

Decision: Refer Item No . XIX Pg No. 16.

h) Proposed/Modified Schema for B. Tech/M.Tech/BCA/MCA Courses of CSE Dept

The modified course structures (schema) of B. Tech/M.Tech/BCA/MCA to be implemented from 2012-13 batch was placed before the 39th Academic Senate, the Senate suggested that such proposals should be placed before the BOS of the respective departments/course, approved by Institute Academic Council and then be placed before the Academic Senate for necessary decision.

The revised syllabus of the above courses was placed - Item no XIX Pg no 13 before the Senate for decision .

Decision: Refer Item No. XIX Pg No. 16.

Minutes
40th Academic Senate Meeting

Sikkim Manipal Institute of Technology (SMIT)

Item No. III Academic Calendar for Odd Semester of Academic year 2012-13

The Academic Calendar for odd semester of the academic year 2012 -13 has been recommended by College Council Meeting held on 26th April 2012 at SMIT is placed before the Senate for its approval.

Appendix II 'A'

Decision: Approved.

Item No. IV Maximum Time to clear a Subject under Old Syllabus after its Revision

At present, maximum time for a student to clear a subject under the old syllabus after its revised syllabus come into existence is not recorded. A student while completing his/her degree in SMIT takes a time period ranging from 4 to 8 years (even more in exceptional cases) and the syllabus usually changes once in 3 years. Consequently, groups of students with different syllabi for the same subject an increase which in turn increases the complexities in scheduling classes and examinations. At present, there is no equivalency in subjects between old and new syllabus, due to which the above complexities arise.

It is therefore proposed that, once a syllabus changes, a student be given an opportunity to clear the backlog papers as per the old syllabus, upto two years from the time of introduction of new syllabus. The subjects passed as per the old syllabus be equated to subjects as per new syllabus according to equivalency. In this process, a student may lose the advantage of passing a few subjects under the old syllabus, not equated to any subject in the new syllabus and may have to appear in a few more subjects as per new syllabus. The system of equivalency is available in some reputed universities. The proposed change would obviate the present disadvantages.

Decision:

(a) Agreed for two years.

(b) Agreed for equivalency of two courses.

(c) However, the Senate suggested to take care of total credits so that credits fixed at the time of admission should remain same till a student completes the course, even when he switches over to new syllabus as per equivalence.

(d) Whenever syllabus revision is proposed, SMIT to work out equivalency of subjects (between old and new syllabus).

Item No. V Promotion of Students to Higher Semester

At present, some students are promoted to final year, in spite of having back papers of 1st / 2nd Semester. Also, some of them are having more than 10 back papers of previous semesters. As a result, seriousness is lacking among the students and the quality of education /name and fame of the institute are at stake.

To put a check on these and also to help the students in the long run, it is recommended that, from 2012-13 batch onwards, for a student to get promoted to the next year, the students should pass all the subjects of the previous year. i.e. a student cannot be promoted from 2nd to 3rd year if he/she has back papers of 1st year. Similarly, a student cannot be promoted from 3rd to 4th year if he/she has back papers of 2nd year.

Decision: Not approved.

Item No. VI Number of Attempts in the Marks Sheet

At present, a student of SMIT can clear a paper in any semester e.g. a student can clear his/her back paper(s) of 1st semester even being a student of final year. Nowhere in their mark sheet, is it mentioned that in how many attempts one has cleared his /her particular paper. But on the other hand, the mechanism of mentioning the number of attempts in the mark sheet is in vogue in SMIMS.

It is therefore proposed that like in SMIMS, in SMIT too, the number of attempts in which a student has cleared a paper be mentioned on their mark sheets so that students will be motivated to clear their papers in one attempt. It would also reduce the tendency of students to clear papers in piecemeal form. The proposal if accepted, may be implemented from 2012-13 and /or earlier batches.

Decision: Not approved.

Item No. VII Extra Semester

Presently, Extra Semester is permitted for those students who are detained on genuine grounds like medical and/ or cases where in-semester marks are less than 18. During Extra Semester, a fresh in-semester assessment is being done as per the guidelines laid down. Whenever re-assessment of in-semester performance is done, the better of the two performances (the earlier assessment and the new assessment) is being awarded to the student.

However, it is found that students are misusing the facility of Extra Semester by intentionally keeping their attendance and / or internal marks low in some papers so that they can clear

these papers in extra semester and thus the load of all papers of a semester gets divided. In this way, a student smartly clears all papers taking some in regular and some in Extra Semester, resulting in disparity between the students who clear all papers in the regular semester versus those who clear some in regular and some in Extra Semester. Also the number of students and the subject combinations in Extra Semester are increasing alarmingly. Moreover, during the Extra Semester, all the courses of both even and odd semesters as opted by the students have to be conducted, as a result of which load on each Department becomes double the load as compared to regular semester. Teachers too can't avail their vacation leave. In addition to this, maximum grade for each subject cleared in Extra Semester in MIT is "C" irrespective of the grade/marks obtained therein.

In view of the above, following points are recommended from 2012-13 and/or earlier batches for approval:-

- (a) A student getting attendance detention in any subject(s) cannot apply for the same subject (s) in next Extra Semester and hence has to clear it while rejoining in that subject(s).
- (b) Maximum number of subjects one can take in Extra Semester in any combination of theory and lab should be three as against four subjects, presently allowed.
- (c) In - semester marks in Extra Semester will be the average of the previous internal and the internal of present extra semester i.e only 50% improvement in internal marks is permitted in Extra Semester.
- (d) Maximum grade for each subject cleared in Extra Semester should be "C/D".
- (e) No student will be allowed to opt for Extra Semester more than once in a particular subject.
- (f) A student cannot clear Mini Project and grand Viva during Extra Semester. He/She can be given extension if required.

Decision: The Senate approved the following:

(a) Grade obtained by a student in Extra Semester will be lowered by one grade (except for E grade); for example a student getting grade "D" in Extra Semester will be lowered to "E", "A" will become "B" but "E" will remain as "E" itself.

(b) A student in Extra Semester should be treated as a fresh student in the course. His in-semester assessment will be considered afresh and his previous internal and attendance in the subject should become null and void, once he takes the subject in Extra Semester.

(c) Above comes into force with effect from 2012-13 for all batches less final year batch (passing out in 2013. From 2013-14 onwards, it will be applicable for all batches.

Item No. VIII Rejoining Cases

It is observed that the number of students seeking rejoining is increasing rapidly every year. To put a check on this growing trend, following points are placed before the Academic Senate Meeting for approval from 2012-13 and /or earlier batches:-

- (a) A student promoted to higher semester will not be allowed to simultaneously rejoin in subjects of lower semester. However, some relaxation will be given only for final year students i.e. passing out batch of 2012-13.
- (b) No student will be allowed to rejoin later than one week from the commencement of the semester.
- (c) Attendance for a rejoining student will be counted from the date of commencement of the semester and not from the date of his joining the course. Thus, a student at the maximum loses one week of classes after if he joins late.
- (d) A rejoining student should be treated as a fresh student in the course. His in-semester assessment will be considered afresh and his previous internal and attendance in the subject should become null and void, once he rejoins the subject.
- (e) A student cannot rejoin in more than two semesters at a time, as against no such limit as of now.
- (f) A student can rejoin in any number of subjects of any one fixed semester but he/she cannot choose more than three subjects of two different semesters at a time.
- (g) A rejoin student getting attendance detention in any subject(s) cannot apply for the same subject(s) during immediate next extra semester.
- (h) A student will start attending classes only when his/her entire admission procedure is complete.

Decision: The Senate approved the following :

- (a) A student will be allowed to rejoin in maximum of two subjects of lower semester simultaneously with the full load of regular semester, subject to the condition that there will be no clash between the classes in the time table.**
- (b) A detained student will be allowed to rejoin in a maximum of ten subjects of different semesters, subject to the condition that there will be no clash between the classes in the time table**
- (c) No student will be allowed to rejoin later than one week from the commencement of the semester/after declaration of the results of makeup /supplementary exams.**
- (d) Attendance for a rejoining student will be counted from the date of commencement of the semester/declaration of result and not from the date of his**

joining the course. Thus, a student at the maximum, loses one week of classes if he joins late.

(e) A rejoining student should be treated as a fresh student in the course. His in-semester assessment will be considered afresh and his previous internal and attendance in the subject should become null and void, once he rejoins the subject.

(f) A student will start attending classes only when his/her entire admission procedure is complete.

(g) Points at serial (a), (b) and (e) came into force with effect from 2012-13 for all batches less final year batch (passing out in 2013. From 2013-14 onwards, it will be applicable for all batches.

Item No. IX Equal Weightage for In-Semester and End Semester Marks and cut off marks.

At present, the grade of students is given corresponding to the total marks obtained from in-semester and end semester exams. If a student is performing well in either of these two and not well in the other, his/her final grade will not get affected. As a result, a student may not have a consistent performance in both parts, which is against the CGPA system requirement.

Hence, it is proposed to give equal weightage for in-semester and end semester marks separately while evaluating grades of a student and also to keep cut off marks in both parts for passing the subject.

Decision: Not approved.

Item No. X Change of Consolidated Pay to Regular Scale

At present, many faculty members of SMIT are getting a consolidated salary ranging from Rs 30,000/- to Rs 32,000/- Recent hike in salary of teaching staff did not bring any hike in their salary as their salary is not in regular pay scale. In addition, they lose the benefits of regular pay scale available to other teaching staff. It is considered that if these two issues are addressed, the morale of the above teaching staff too would increase.

Hence it is proposed to change the consolidated salary of such faculty to regular scale keeping their total salary same and also to hike their salary with effect from 01/01/2012.

Decision: Senate directed that keeping the basic pay same as that of AP II, salary to be restructured to the scale of 33000-to-36000/- for B.Tech /MSc Candidates joining as faculty. On completion of M Tech/M Phil they will move to starting Gross CTC of AP-II. Head HR & General Services of SMU is requested to send the worksheet to SMIT.

Item No. XI Introduction of M.Tech in Civil Dept

The first Civil Engineering Batch will pass out in 2013. Due to non -availability of M.Tech /Ph.D qualified individuals, we have a number of B.Tech qualified faculty in the department . Their attrition rate is also high. There is therefore a requirement to motivate them to continue in SMIT. Also, the department has to grow, for which M.Tech course is required to be introduced. It is therefore proposed that approval may be accorded to commence M.Tech course from Academic Year 2013-14 in one/two specializations. It is expected that we would be able to attract suitable faculty in the next one year to commence M.Tech course.

Decision: Approved in principle. Efforts to be made to commence from 2012-13 if possible.

Item No. XII Locating Training and Placement Officers in Selected Cities

There will be an increase in the number of students passing out from SMIT from year 2013 onwards, due to first batches of Civil and AEI Department passing out. In order to ensure maximum placement opportunities for the students, it is proposed that Training and Placement Officers (TPO) be located in a few selected cities like Kolkata, Bangalore and Delhi. A TPO based in these cities may be in a better position to network with Corporate Sector to facilitate placements and internship opportunities for SMITians. In the past, a Manager, Projects and Placements, SMIT was functioning from Kolkata and Delhi.

It is therefore proposed that similar arrangement may be reintroduced.

Decision: Not Approved. However, coordination and a strong network to be made among TPOs of Manipal group. Outgoing/recently posted out TPOs of Manipal group be requested to introduce their acquaintances to TPO of SMIT.

Item No. XIII Agreement of Service for Study Leave

The university has taken care of employees' growth by providing them required opportunity to move further. This is possible due to Study Leave facility for 2 years which can further be extended for one more year with special approval of the Vice Chancellor.

The Leave Rules underwent a revision w.e.f. 11 May 2011 vide SMU Letter No. SMU/REG/2011-128. The Clause 94 under the head of "Study Leave" regarding the Agreement of Service states that "Faculty members who are sponsored for higher studies/training shall be eligible to draw their fixed salary (category A as per PMS) that would have accrued to them had they not proceeded on study leave, of which, 75% would be paid monthly and 25% retained to be paid later in three installments on rejoining duty after Study Leave, subject to the condition that they execute a bond in the form prescribed, undertaking to serve the University/College for a continuous period equivalent to the duration of study leave, which is to be calculated from the date of their resuming duty after expiry of the study leave. The bond amount would be equivalent to the total amount received by the employee during the study leave with 10 %

interest. He/she shall submit Bank Guarantee/Security as may be found acceptable to the authority for reimbursement of salary drawn during the period of leave i.e. the amount paid to the employee for the period of leave. Those who do not serve the institute to the required bond period will be required to pay back to the institute the bond amount on pro rata basis for the remaining period of the service bond."

The Bank Guarantee as aforesaid would come up to an amount as mentioned in columns E and G for 2 and 3 year period respectively:-

A	B	C	D	E	F	G
Designation (Without Ph. D.)	Pay Band	Average Pay CTC with 'A' grade	Amount for 2 years	Bank Guarantee (75%) (2 years) interest	Amount for 3 years	Bank Guarantee (75%) (3 years)
Associate Professor	37400- 67000	968939	1937878	1453408	2906817	2180112
Assistant Professor I	15600- 39100	681789	1363578	1022684	2045367	1534025
Assistant Professor II	15600- 39100	545473	1090946	818210	1636419	1227314

Considering the amount to be deposited, it would be extremely difficult for the faculty to provide a bank guarantee for the very high amounts. This negates the very purpose of study leave facility. It is, therefore proposed that instead of a Bank Guarantee, the following alternatives may be considered:-

- To withhold the Original Educational Certificates while going for study leave. Also the existing bond may be strengthened with the consent of legal expert.
- The sponsorship can be made proportionate to the category of Institute / cost of living of the location of Study Leave i.e 75% of the salary may be paid for courses done at IITs etc. and 50% for others.
- As before, obtain an agreement of Rs. 2.5 Lakhs and the amount paid during study leave along with 10% interest, incase of default to fulfill the agreement.

Decision:

- A candidate may be allowed to proceed on study leave with salary benefits in reputed institutions authorized by Government of India to run QIP for faculty upgradation. This facility will also be extended for higher studies with Manipal Group Institutions. Head HR will make necessary amendment to study leave rules.**

(b) Modified version of bond having jurisdiction under the court of Sikkim has to be followed.

(c) Bank Guarantee clause in same from 1997 & there is no change. It permits HOI for using his discretion.

Item No. XIV Standardized Coding for Subjects

At present, subjects taught by one Department in other Departments are coded according to the Department in which the subject is taught. In the BOS meeting of Mathematics Department, it was resolved that the Mathematics subject codes should start with MA instead of CSE/EC/EE etc. as every reputed Institute like IITs, MIT (Manipal), BIT etc. are following. It was further decided that code for all UG courses will have three digits followed by MA ($MA \alpha \beta \mu$), where α denotes semester number, if β is zero, then the concerned subject will be common to other departments, if not, then both β and μ will denote the departmental code applicable to that department only. However, for PG courses, the code will be of the form $MA \alpha \gamma \delta \zeta$, where as usual α will denote the semester number, γ and δ will denote the departmental code and ζ is the number of the subject. For example, Mathematics syllabus for M. Tech. 1st Sem of EC, will be MA 1121 (earlier it was MDC 101), same for CSE will be MA 1115 (earlier it was MCSE 105).

If agreed in principle, the above kind of coding system based on a 4 digit / 3 digit will be followed for other departments as applicable.

Decision: Approved in principle. Details to be worked out keeping in mind the future expansion of all departments and subjects.

Item No. XV Revision of Syllabus

Syllabus of EE Department was approved by the 39th Academic Senate Meeting held on 10th February 2012. The syllabus of IT, Chemistry and Management departments was approved in 2010 and due for revision in 2013.

Item No. XVI Physics Dept: Revision of Syllabus for B. Tech and M.Sc

The meeting of Board of Studies of Physics Dept. along with external experts was held on 13th April 2012. It was opined that there is a need for modification of the present syllabus for Engineering Physics (COA 103/COB 203) as it is being taught for last seven years. Also, in the present M.Sc. Physics syllabus, the theory group and experimental group have unequal credits in the second year of the course (theory group 47 credits and experimental group 45 credits). This affects the total CGPA at the end. In the experimental group, each lab is of 6 hours.

In view of the above, following are proposed for approval:-

(a) The revised syllabus from the academic session 2012-13 for Engineering Physics (COA 103/COB 203) is enclosed at **Appendix II 'B'**.

(b) To make the total credit same for the theory group and experimental group in M.Sc. Physics, it is proposed that the credits of all labs in III and IV semesters be considered 4 instead of 3. The credit list of the courses in III and IV semesters for both the groups is at **Appendix II 'C'** for approval. This will be applicable for students admitted during the academic session 2011-12 and thereafter.

Decision: Approved.

Item No. XVII

Civil Dept: Revision of Syllabus for B. Tech

Based on the recommendations of the Board of Studies meeting held on 25th April 2012, following changes are proposed in the syllabus:-

(a) In the proposed syllabus, the total credit for the 4 year degree course in Civil Engineering is made 210. This new syllabus will be applicable for students admitted during the academic session 2011-12 and thereafter.

(b) The syllabus of COA-102/COB-202 - Mechanics of Solids (Common for all branches) is revised to be at par with the MIT syllabus for the same subject. This revised syllabus will be applicable for students admitted during 2012 and thereafter.

(c) Some of the subjects are changed from one semester to another to make the syllabus more similar to the one presently followed in MIT. Also, this is done with a view to keep the number of theory subjects same in all the semesters. In the proposed syllabus, there are six theory subjects in all the semesters from 3rd to 7th.

(d) All the elective subjects are combined into two groups, namely Elective subjects and open elective subjects. Open elective subjects are those which students of related branches can also study. This is similar to the scheme followed in MIT where the classification of elective subjects is made as program elective and open elective.

(e) It is proposed to combine all elective subjects as one pool with the following advantages:-

(i) Students will have the option to choose their electives of interest.

(ii) Department will have the option to float electives depending upon the availability / work load of the subject teacher. This is very much necessary as at present, it is extremely difficult to get required number of teaching faculty.

(iii) The students will be allowed to choose any of the electives from the pool as per their choice subject to the condition that those electives are offered by department in a particular semester and the same student cannot take the same elective twice.

- (f) Elective subjects will be identified by the code only and not by subject name. The subjects will be identified as (CE-E1, CE-E2, CE-E3 etc)

The proposed syllabus is enclosed at **Appendix II 'D'** for approval.

Decision: Approved with the following conditions:

(a) In the Sixth Semester, credits of the subjects CE-605(Elective-I) and CE-606(Elective -II) to be raised to 4 from 3. As a result, the total credits of the Sixth Semester will be raised from 26.5 to 28.5.

(b) In the Seventh Semester, credits of the subjects CE-705(Elective -III) and CE-706(Open Elective) to be raised to 4 from 3. Credits of CE-708(Design Assignment) to be reduced to 1.5 from earlier proposed 2 credits. As a result, the total credits of the Seventh Semester will be increased from 27 to 28.5.

(c) In the Eighth Semester, credits of the subjects CE-801(Project Survey & Seminar) to be reduced to 1.5 from 5, which was proposed earlier. As a result, the total credits of the Eighth Semester is reduced from 21 to 17.5.

Item No. XVIII

M.E Dept: Revision of Syllabus for B.Tech, M. Tech and Ph. D

The Department proposed revision of syllabus for the following subjects of B.Tech:-

- (a) Engineering Graphics (COA 105/ COB 205) to be effective for the students admitted from 2012-13 batch and subsequent batches.
- (b) Workshop Practice-II (ME 407) to be effective for the students admitted from 2011-12 batch and subsequent batches.
- (c) Fluid Mechanics Lab (ME 508) to be effective for the students admitted from 2010-11 batch and subsequent batches.
- (d) Thermal Engineering LAB II (ME 607) to be effective for the students admitted from 2010-11 batch and subsequent batches.
- (e) Machine Dynamic Lab (ME 707) to be effective for the students admitted from 2009-10 batch and subsequent batches.

The above revised syllabi may be effective for the students admitted from 2009 batch and subsequent batches from their current respective semesters.

The Department proposed the inclusion of new syllabus of the following Labs in B.Tech course curriculum/scheme to make up the shortfall of 3 credits in order to maintain a total of 210 credits in B. Tech courses across all the departments of SMIT.

- (a) Metrology Lab (ME 509)
- (b) Automobile Lab (ME 609)

With the inclusion of both the Labs in the B. Tech Course Curriculum of Mechanical Engineering, the entire curriculum may be changed. This new course curriculum will be implemented from 2011 batch students.

The following changes are made in subjects of VIth and VIIth semesters due to the incorporation of new labs in the B. Tech course. However, the contents of the syllabi of these subjects are kept same:-

- (a) Automobile Engineering (ME 604)
- (b) Instrumentation & Control System (ME 704)

Due to the introduction of Mechanics of Solids in the 1st year, the subject of Mechanics of Solids (ME506) of Vth semester may be renamed as Mechanics of Solids-II (ME506) in new curriculum without changing the contents of the syllabus. This renamed course in the curriculum may be implemented from 2011 batch students.

The Department proposed the inclusion of new syllabus for the new elective subject Operations Management (MME 216) for M.Tech/ Ph.D course work.

The proposed revised syllabi are at **Appendix II 'E'** and **Appendix II 'F'** respectively for B. Tech and M. Tech/ Ph.D for approval.

Decision: Approved with the following changes:

Ph. D course work subjects should not be fixed as they vary from topic to topic and totally depend on the directions of IRPEC. The Senate approved the inclusion of Operation Management (MME 216) for M.Tech.

Item No. XIX CSE Dept: Revision of Syllabus for BCA, MCA, B.Tech and M. Tech

The proposed / modified detailed syllabus of BCA, MCA, B. Tech and M.Tech to be implemented from 2012-13 batch are at **Appendix II 'G', 'H', 'I', J** respectively. The salient changes / modifications on the revised syllabus are also included at **Appendix II G 1**. These have been endorsed by BOS on 5th June 2012.

Decision:- Approved.

Item No. XX AEI Dept: Revision of Syllabus for B.Tech

The meeting of Board of Studies of AEI Dept. along with external experts held on 11 April 2012, formulated a detailed course syllabus to be implemented from 2011-12 batch for B. Tech (AEI) with the modifications as given in the succeeding paras.

The topics relevant to AEI Dept. from the existing subjects viz IE-305(Electromagnetic Wave), IE-402(Signal and System), IE-405(Principles of communication systems), IE-409(Basic Communication Lab), IE-503(Advanced Communication Systems) & IE-507(Advance Communication Lab) are considered as a single subject named as Signals, Systems and Communications (IE-404), to be taught in the fourth semester. The subjects IE-507, IE-602 & IE-706 are proposed to be removed from the old syllabus due to their less importance in instrumentation engineering.

The subject IE-604 (Embedded Systems) & IE608 (Embedded Systems Lab) is proposed to be kept in 7th semester and the subjects IE-703 (VLSI Design) & IE -707 (VLSI Design Lab) be kept in the 6th semester. The contents of the above mentioned subjects are also modified.

Taking only relevant and important portions from IE-304(Pulse, Digital and Switching Circuits) and IE-406(Digital System Design), a new subject (IE-304: Digital Electronic Circuits) is proposed to be introduced.

As the Microcontrollers are important devices for industrial instrumentation, it is included in the syllabus of Microprocessors having the modified name "Microprocessor and Microcontrollers (IE-405)" and the excess portion of microprocessor is excluded.

Keeping in view, the importance of the subjects - Sensors & Transducers, Process Control and Industrial Instrumentation - their advanced versions have been covered in two papers of two different higher semesters.

The number of experiments is reduced from the following subjects as per requirement.

- (a) IE-504(Microprocessor and its applications)
- (b) IE-607 (Process Control & Instrumentation Lab)

As some of the experiments of IE-608 (Embedded System Lab) and IE-707 (VLSI Design Lab) are not relevant to the specified subject, the new syllabus of the above lab subjects has been modified accordingly.

The detailed syllabus after incorporating above modifications is at **Appendix 'K'** for approval.

Decision: Approved with the following condition.

Credit points of Elective-I and Elective -II to be raised to 4 from 3. Also the Credit point of Mini Project, Industrial training & Seminar (IE-709) to be reduced to 3 from 5.

The meeting of Board of Studies of ECE Dept. along with external experts was held on 04 May 2012. In the proposed syllabus of B. Tech, the total credits for the 4 year degree course in Electronics & Communication Engineering is kept as 210. This new syllabus will be applicable for students admitted during the academic session 2011-12 and thereafter and as given in succeeding paras.

(a) The syllabus of COB-102/COA-202 Basic Electronics (Common for all branches) is revised to be at par with the MIT syllabus for the same subject. This revised syllabus will be applicable for students admitted during 2012 and thereafter.

(b) Some of the subjects are changed from one semester to another to make the syllabus more similar to the one presently followed in MIT. Also, this is done with a view to keep the number of theory subjects as same in all the semesters. In the proposed syllabus, there are six theory subjects in all the semesters from 3rd to 7th.

(c) Syllabus for the following Subjects are upgraded to be at par with the latest developments in the fast growing field of ECE:-

- (i) EDC (EC-303)
- (ii) SS (EC-305)
- (iii) Digital Electronics (EC 306)
- (iv) NA&
- (v) S (EC 405)
- (vi) DASD (EC 406)
- (vii) LDCS (EC 502)
- (viii) DSP (EC 505)
- (ix) Digital Communication (EC 604)
- (x) Power Electronics (EC 605)
- (xi) BBCN (EC 706 EL-II)

(d) "Electrical Circuits & Machines (Theory and Lab)" subjects are removed from the syllabus to accommodate new subjects and their important contents are included in similar subjects.

(e) BBCN is made elective to provide space for mobile communications (EC 705).

(f) As per the industry demand, following new subjects are included in the E&C curriculum.

- (i) Signal & Circuit Simulation Lab. (EC 308)
- (ii) Adaptive Signal Processing (EC 702)

Members of the BOS also formulated a detailed course syllabus for M.Tech (ECE Dept.) with the following modifications:-

(a) 4G Technologies (MDC-102) is changed as a compulsory subject from elective subject as suggested by the industry.

- (b) DSSC (MDC 204) is shifted from first semester to 2nd Semester so as to accommodate 4G technologies in the 1st semester.
- (c) Inclusion of two new subjects for M.Tech is also proposed.
 - (i) CWCN (MDC- 202) as compulsory Subject
 - (ii) ICT (MDC – 105) as Elective –II-1
- (d) Syllabus has been upgraded for the following subjects:-
 - (i) Radiating Systems (MDC 205)
 - (ii) SOCS (MDC 203)
 - (iii) DSSC (MDC 204)

The modified detailed syllabus of B. Tech and M.Tech proposed to be implemented from 2012-13 batch are at **Appendix 'L'** and **Appendix 'M'** respectively for approval.

Decision: Approved

Item No. XXII Change of Title of M.Tech (Applied Nano Technology) to M.Tech (Material Science and Nano Technology)

The present course in Nanotechnology was named as M.Tech (Applied Nanotechnology) and the course has been running as such, with the approved syllabus. However, in the prospectus of 2012, the course was changed to M.Tech (Material Science and Nanotechnology). It is considered that the present change in the title would necessitate changes in the syllabus which has been worked out and is waiting for the approval of external BOS member(s). It is therefore recommended that either of the below mentioned options be approved by the Academic Senate:-

- (a) Maintain Status quo to keep the course as M.Tech (Applied Nanotechnology).
- (b) Change of syllabus as per M.Tech (Material Science and Nanotechnology).

It is recommended that status quo be maintained as the previous title would be more attractive and appealing to the prospective candidates. This would be also in consonance with this state of art developments in the emerging field, as Material Science is a subject common all over.

Decision: Approved. Syllabus to be modified as per M. Tech (Material Science and Nanotechnology).

BOS Meeting for syllabus in Mathematics was held on 30-31 May, 2012. In previous syllabus of the department, there were gaps in gradual development of the subject. These gaps are filled up, so that students can understand the subject easily.

A drive has been taken to bring the uniformity of Mathematics Syllabus across the Departments, for example in 3rd Semester, EEE, ECE, AE&IE and ME will have the common Mathematics paper denoted as MA 301, similarly IT and CSE will have the common course denoted as MA 302, whereas, for Civil Engineering it will be MA 318.

A foundation course has been introduced in BCA to cover their deficiency in school mathematics. The syllabus of BCA has been reduced in consultation with the Head, CSE and now it would have three Mathematics courses instead of four which as earlier. Further it was decided to abolish the unit wise grouping and replace it with the subject heading.

If agreed in principle, the same kind of coding system will be followed for other papers as applicable.

The modified detailed syllabus of Mathematics subjects taught in different courses, proposed to be implemented from 2012-13 batch is at **Appendix 'N'** for approval.

Decision: Approved.

Sikkim Manipal Institute of Medical Sciences (SMIMS)

The following are proposed:-

- a) The present tariff for hotel booking for external examiners is Rs.750/- per day. It is proposed to increase the same to Rs. 1000/-per day.
- b) The present charges for working lunch is Rs. 80/- . It is proposed to increase the same to Rs.100/-.

Decision : Approved.

Item No. XXV. PhD programme

The University Research Committee has approved the following as PhD Guides / Co guides.

- a) Dr M L Sherpa, Associate Professor, Dept. of Biochemistry and Biotechnology, SMIMS (Guide)
- b) Prof (Dr) Amlan Gupta, Head, Department of Pathology, SMIMS (Co-guide)
- c) Dr Anup Pradhan, Associate Professor, Dept. of Obs & Gynae, SMIMS (Co-guide)
- d) Dr Amitava Ray, Associate Professor, Dept of Mechanical Engineering,, SMIT (Guide)
- e) Dr Sandeep Chakraborty, Lovely Professional University, Punjab (Co- Guide).
- f) Dr Anindita Adhikary, Associate Professor, Dept of Mgt. Studies, SMIT. (Guide)
- g) Prof (Dr) KS Sherpa, Dept. of Electrical & Electronics Engineering, SMIT (Guide)
- h) Prof (Dr) Ratika Pradhan, Dept of Computer Science Engineering , SMIT (Guide)
- i) Dr Debabrata Purohit, Vice Principal, Head, Dept of Mathematics, Sikkim Govt. College, Gangtok. (Guide)
- j) Dr Amrita Sen Gupta, Dept of Mgt. Studies, SMIT (Co-guides).
- k) Dr Diganta Mukherjee, B.I.R.U. Indian Statistical Institute, and Kolkata.(Co- guide)
- l) Dr. Sudip Dutta, Head, Dept of Paediatrics, SMIMS (Guide)
- m) Ms. Sonam Ongmu Lasopa, M Phil, Clinical Psychologist, Dept of Psychiatry, STNM, Gangtok. (Co-guide)

Decision : Ratified.

Item No. XXVI. PhD Registration :- The research protocols of the following candidates have been approved by the URC of SMU. They have qualified the PhD Entrance Exam of the university.

- a) Soibam Deepa, (Full Time), Dept of Biochemistry & Biotechnology, SMIMS, Reg No. 201210001, Guide- Prof (Dr) T A Singh, Head, Dept of Biochemistry & Biotechnology, SMIMS, Co guide - Dr Parvati Nandy, Dept. of Medicine, SMIMS.
- b) Rinchen Doma Bhutia, (Internal/Part Time) Dept of Biochemistry &Biotechnology, SMIMS, Reg No. 201210002, Guide - Prof (Dr) T A Singh, Head, Dept of Biochemistry & Biotechnology, Co guide - Dr Bidita Khandelwal, Head, Dept of Medicine.**
- c) T Paras Singh, (Internal/ Part Time),Dept of Biochemistry & Biotechnology, SMIMS, Reg No. 201210003, Guide --Dr. M L Sherpa, Associate Professor, Co -guide/s - Prof (Dr) Amlan Gupta, Dr Anup Pradhan,

- d) Deepanjana Dass, (Internal / Part Time) Dept of Pharmacology, SMIMS, Reg.No. 201210004, Guide- Prof (Dr) Amit Chakrabarti, Dept of Pharmacology, Co guide - Dr Bidita Khandelwal, Head, Dept. of Medicine, SMIMS.
- e) Shabbiruddin, (Internal/ Part Time) Dept of E & E, SMIT, Reg.No. 201210005, Guide- Dr Amitava Ray, Associate Professor, Dept of ME, SMIT & Co guide Dr Sandeep Chakraborty, Lovely Professional University, Punjab.
- f) Jitendra Kumar, (Internal/ Part Time) Dept of Mgt. Studies, Reg. No-201210006, Guide- Dr Anindita Adhikary, Associate Professor, Dept of Mgt. Studies, SMIT.
- g) Pradeep Kumar, (External/Part Time) ,Dept of CSE,SMIT, Reg. No- 201210007, Guide - Prof (Dr) MK Ghose, Dean (R&D) & Head, Dept. of CSE, SMIT
- h) Sonam Lhamu Bhutia, (Internal/ Part Time), Dept of E& E, Reg.No. -201210008, Guide- Prof (Dr) KS Sherpa, Dept. of E&E, SMIT; Co guide Prof (Dr) Ratika Pradhan, Dept of CSE, SMIT.
- i) Polash Banerjee, (External/ Part Time), Dept of Mgt. Studies, Reg.No. 201210009, Guide -Dr Debabrata Purohit, Vice Principal, Head, Dept of Maths, Sikkim Govt. College, Gangtok, Co guide/s -Prof (Dr) Vandana Suhag & Dr Amrita Sen Gupta, Dept of Mgt. Studies, SMIT.
- j) Abhijit Sarkar, (External/ Part Time), Dept of Mgt. Studies, Reg. No- 201210010, Guide- Prof (Dr) Ajeya Jha, Head, Dept of Mgt.Studies, SMIT & Co guide Dr Diganta Mukherjee, B.I.R.U. Indian Statistical Institute, and Kolkata.
- k) Nikita Joshi, (MPT),(Internal/ Part Time) Dept of Physiotherapy, Reg.No-201210011, Guide- Dr. Sudip Dutta & Co-Guide - Ms. Sonam Ongmu Lasopa, M Phil, Clinical Psychologist, Dept of Psychiatry ,STNM.
- l) Karma Lakhi Bhutia, (Internal/ Part Time) Dept of Anatomy, Reg.No-201210012, Guide- Dr Ratnabali Sengupta, Head, Dept of Anatomy, SMIMS; Co guide - Prof (Dr) BK Kanungo, Head, Dept of OBG,SMIMS.**

Decision: Ratified. The Senate ratified at Sl No. (d) Dr Bidita Khandelwal, Head, Dept of Medicine, SMIMS is the Co guide of Rinchen Doma Bhutia, (Internal/Part Time) Reg No. 201210002; Dept of Biochemistry & Biotechnology, SMIMS and Sl no (l) Prof (Dr) BK Kanungo, Head, Dept of OBG,SMIMS is also the Co guide of the Karma Lakhi Bhutia, (Internal/ Part Time) Reg.No-201210012,Dept of Anatomy.

Sikkim Manipal University Directorate of Distance Education (SMUDDE)

Item No. XXVII Program: B.Sc.(IT – IMS): Lateral Entry Provisions ; Dept. of IT

Eligibility for Lateral Entry to Semester – II:

- 10 + 2 or equivalent and six Months Computer Hardware or Networking course from a reputed institution (OR) –**Approved.**
- 3 year Diploma in CS/IT from a State Board of Technical Education (OR)- **Approved.**
- 3 year Diploma from a State Board of Technical Education and six Months Computer Hardware or Networking course from a reputed institution.- **Approved.**

In this lateral entry scheme, students have to appear and pass the first semester examination. Books of first semester will be supplied by the University and internal assessment will be completed at the Learning Centers.

Item No. XXVIII Program : B Sc (IMS)

Appendix III ‘B’

Program: B.Sc. (IMS) – Alliance with IIHT, Bangalore : Curriculum revision, with Lateral Entry and exit qualification provisions. Approved by BoS Meeting Minutes dt. 3rd April 2012

Decision: Approved curriculum revision along with Lateral Entry and exit provisions as for Item No. XXVII of agenda above.

Item No. XXIX New Short Term Programs in Alliance with Appin Technology Labs

Appendix III ‘C’

Approval of two New Short Term Programs in Alliance with Appin Technology Labs, New Delhi is placed as under.

- a) Certification in Cyber Security – 6 months **Appendix III C ‘a’**
- b) Diploma in Information Security & Ethical Hacking – 1 year (2 semesters)
Approved by BoS Meeting Minutes dt. 9th May 2012 **Appendix III C ‘b’**

Decision: The above two programs were approved as per DEC norms for Certificate and Diploma programs.

Item No. XXX Dept of AHS

- a) Approval for revised PGDCRRA & MSc CRRA program.

Decision: Revised PGDCRRA & MSc CRRA programs were accepted and approved.

- b) Approval for Master of Science in Clinical Research & Clinical Data Management (MSc CRCDM & PGD CRCDM) & Master of Science in Clinical Research & Pharma co vigilance (MSc CRPV & PGDCRPV) Minutes of BoS meeting.

Decision : The above four programs were approved as per recommendations of BoS Meeting Minutes. Appendix III 'D'.

- c) Approval for Revised MSc Bioinformatics Program. Minutes of BoS meeting.

Decision:- Approved as per recommendations BoS meeting Minutes. Appendix III 'E'

Item No. XXXI Dept of Arts, Commerce, Humanities and Vocational Sciences

Approval of the Revision of MAJM program.

Decision: Revision of MAJM program was approved as per details given in Appendix III 'F1,'F2' 'F3')

Item No. XXXII Dept of Management Sciences

- a) Introduction of Entrance exam for enrolment to MBA program: It is proposed to conduct Entrance exam as a prerequisite for admission to MBA program in line with recommendation of DEC as part of compliance.

Decision: Proposal to conduct Entrance Test for admission to MBA program as per DEC recommendation was appreciated by members. Further, merits of admitting candidates having passed the MAT/ other Entrance tests was discussed. However, it was later decided that owing to the peculiar nature of DE activity, the scheme devised by SMUDE may be followed. The Senate accepted the proposal to conduct Entrance Test for MBA in line with other Universities implementing the same. Details provided in Appendix III 'H'.

- b) Revision of BBA-Retail Operations structure, in keeping with industry requirements for in-service candidates. Revised program structure and supporting documents attached.

Decision: Revised BBA-RO structure as per industry requirement was approved as per details provided in Appendix III 'T' 1, I 2, I 3.

- c) Proposal for converting the MBA program to 2.5 years duration as per DEC requirements. There shall be a six-month Internship over and above the current two-year MBA program.

Decision: Members appreciated and approved the proposal to make MBA program duration 2.5 years as per DEC requirements. Copy of evaluation method of Project/Internship attached (Appendix III 'S').

Item No. XXXIII Examinations Dept.

- a) Approval of All India Register of Graduates- October 2011 Examinations, Nov 2011 Examinations and January & February 2012 Examinations. The Directorate of Distance Education, SMU successfully conducted the Term-end examinations in October 2011, November 2011 and January & February 2012. 21739 students from January & February 2012, 6022 student from November 2011 and 1027 students from October 2011 examinations have successfully completed their Courses / Programs and are eligible to receive their Degree.

The Course / Program wise Register of Graduates for the examinations are placed before the Academic Senate for its approval and signature.

Decision: All India Register of Graduates for October 2011, Nov. 2011 and January and February 2012 examinations conducted for DDE students declaring successful students from subject examinations was approved by Senate and subsequently signed by members.

- b) Policy for issue of rank certificates to SMU DE students. Placed before the Senate for approval of the policy.

Decision: Not approved.

- c) OMR answer sheets of Term-end examination to be archived for three months from date of declaration of results, post which they may be shredded. Placed before the Senate for approval.

Decision:- The sheets may be duly scanned and stored in digital form after examinations and authenticated by the exam department. The digital copy may be stored, and the OMR sheet shredded thereafter.

- d) Approved list of examiners involved in QP setting and evaluation for semester-end exams. Placed before the Senate for ratification. (Appendix III 'L')

Decision:- SMU DE submitted List of examiners and the Senate directed to also include faculty from SMIT and SMIMS campuses.

- e) It is proposed to start resit exams only during week-ends and everyday evenings (6.30 to 8.30 pm) in select locations (Delhi, Mumbai, Kolkata, Chennai, Bangalore, Hyderabad, Ahmedabad, Jaipur, Chandigarh etc.

This is being thought of with a view to

- Optimize the load of exams
- Facilitate students by reducing waiting time

Decision: Approved for students fulfilling the eligibility requirements of completion of duration of a Semester.

Item No. XXXIV General

- a) Approval of faculty members as PhD guide.

Decision:- Any faculty, eligible to supervise candidates for Ph.D may apply, along with the applicant student. The same would be considered and approved as a natural consequence.

- b) Bulwark International has come forward with a proposal for offering their Personality Development Program to SMU students through Joint Certification.

(Appendix III 'N')

Decision: Approved. On behalf of the University, the Director-SMU DE would be the co-signatory on the Certificates, to be issued jointly with Bulwark International. Bulwark International's expertise given in Appendix III 'N' to be shared with Director-SMIT, to facilitate offer of this value-add program to SMIT students as well.

- c) The list of new LCs and the application approval process placed before the senate for approval. Appendix III 'O'

Decision:- Approved.

- d) Proposal for Introduction of 'Information centres' as a part of DE activity to provide information to prospective learners about the program on offer, the delivery mechanism including use of technology to supplement the learning and related issues.

The focus of the proposed information centre will be on pre admission counselling and student support and not part of program delivery which would be part of the activity of Authorised Learning Centres of the University.

Information Centre may be located in recognised UG / PG colleges, / Universities and institutions and at location of private service providers having adequate qualified professionals.

The Senate was requested to approve the set-up of Information Centres.

Appendix III 'P'

Decision: The Senate approved the proposal for creation of Information Centres to help prospective learners to get information about programs and facilities provided by University.

Item No. XXXV Managing version changes in programs of SMU DE. The suggested recommendations are as under:-

- a) Old programs would be mapped to the current new programs and students would be transferred to the current program without affecting the credits earned by them. Therefore, mapping table would be an essential part of launching/designing new versions/structure of a program.
- b) We may decide what would be duration of transition period during which the old as well as new programs will run parallel – six months or one year.
- c) Four simple rules to ensure students don't lose the credit earned and at the same time benefit from latest program structure:
 - If the student has passed a course/subject in the old structure which is still there in new structure (with same title or new title and code), the student gets credit for the same and declared pass in that subject/course.
 - If the student has not passed (or failed) a course/subject in the old structure which is still there in new structure (with same title or new title and code), the student does not get any credit for the same and he/she would be declared not pass (failed) in that subject/course.
 - If the student has passed a course/subject in the old structure which is not there in the new structure, then we need to capture it in the transcript/CMC as 'Subjects Additionally Pursued and Passed'.

- If there is a course in the new structure which is not there in old structure of the program, then the student needs to pursue that program and pass for completing the new program and be eligible for the award of final degree.

Decision:- Approved with implementation of Transition period of one year.

Item No. XXXVI Adjunct faculty

- a) With a view to strengthen academic delivery SMU DDE shall appoint adjunct faculty in the various departments. Such faculty may work for two days a week, as decided by the HoD. Their remuneration would be calculated on an hourly basis and paid once a month.
- b) Faculty of SMU campus with requisite qualification may be allowed to support SMU DE (in addition to their regular responsibilities) as Adjunct faculty.

Decision:- Approved.

Item No. XXXVII Diploma in Management and Banking

Manipal Global Education proposes to offer a Diploma in Banking and Finance (full-time, on campus) program jointly with Bank of Baroda, under the auspices of Baroda Manipal School of Banking, customised to the needs of the Bank. The DBF program corresponds to 70 credits on campus, being of high intensity and rigor. SMU would recognise these credits and permit a "Credit transfer" to such of these students desirous of pursuing SMU's MBA (B&F) program.

Upon mapping, it is seen that these 70 credits are equivalent to 52 credits of III and IV semesters of SMU's MBA-Banking and Finance program.

Program structure for the DBF program has been given in **Appendix III 'Q'**.

Decision: Approved for recognition of credits for pursuing SMU DE's MBA subsequently.

Item No. XXXVIII Value-add Project Guidance/ Mentorship; MBA students

It is proposed to provide value-add Project guidance/mentorship to students of MBA-Entrepreneurship Development and Family Business specialization.

(Appendix III 'R')

Decision: Approved. To also explore the option of setting up of Entrepreneurship Development Cell in coordination with DST. To also explore coordination with Technology Business Incubator of Manipal University.

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

- a) Exit as B Sc Medical Biotech after 3 years of the Integrated M.Sc Medical Biotech.

Decision: Approved.

- b) Introduction of new course; M Sc Medical Biotech a 3 years course after B Sc Biological Sciences.

Decision: The Senate suggested that such proposal should be placed before the BOS of the respective departments/course and then on approval of Institute Academic Council be placed before the SMU Academic Senate for necessary decision.

- c) **DIRECT** admission for the students of MSc Biotech course with 55 % & above in qualifying subjects' w.e.f 1st June onwards of every years, till the competitive entrance examination.

Decision – Approved.

The meeting ended with vote of thanks to the Chair, Members and Invitees.



Sd/-

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