

Bharatiya Vidya Bhavan's
Sardar Patel Institute of Technology
(Autonomous Institute Affiliated to University of Mumbai)



Minutes of

Fourth Meeting of the

Academic Council

On

Wednesday, January 16, 2019 at 3.00 PM

at

Conference Room No. 105
Sardar Patel Institute of Technology
Andheri (West), Mumbai-58



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**Bharatiya Vidya Bhavan's
SARDAR PATEL INSTITUTE OF TECHNOLOGY**

Munshi nagar, Andheri(W), Mumbai – 400 058.
(Autonomous Institute Affiliated to University of Mumbai)

**Minutes and Action taken report for 4th Academic Council Meeting
of S.P.I.T., Andheri (West), Mumbai.**

Meeting Date: Wednesday, January 16, 2018

Time: 3.00 p.m.

Venue – Sardar Patel Institute of Technology

Following Members were present:

Sr. No	Name
1	Dr. Prachi Gharpure, Principal & Chairman
2	Dr. Shubha Pandit, Mumbai University Nominee
3	Dr. R.D. Daruwala, Mumbai University Nominee
4	Prof. Sunil Bhagwat, Mumbai University Nominee
5	Dr. Zia Saqib, External Expert
6	Dr. Jonathan Joshi, External Expert
7	Dr. Satyanarayana Bhasatte, TIFR, External Expert
8	Dr. Kushal Tuckley, IIT Bombay, Invitee
9	Dr. Y.S.Rao, Head Electronics and Telecommunication Engineering Department, Member
10	Dr. Radha Shankar Mani, Head Information Technology Department, Member
11	Dr. D.R.Kalbande, Head Computer Engineering Department, Member
12	Dr. Pooja Roundale, Head Master of Computer Applications, Member
13	Prof. Kailash Devadkar, Associate Professor, Information Technology Department, Member
14	Prof. D.D. Ambawade, Associate Professor, Electronics & Telecommunication Engineering Department, Member
15	Prof. Kiran Talele, Associate Professor, Electronics Engineering Department, Member
16	Prof. Surekha Dholay, Associate Professor, Computer Engineering Department, Member
17	Dr. Rajendra Sutar, Associate Professor, Electronics Engineering Department, Invitee
18	Dr. Sudhir Dhage, Professor, Computer Engineering Department, Invitee
19	Prof. D.M.Patil, Associate Professor, Applied Sciences & Humanities Department, Invitee
20	Mrs. Apurva Mohite, Controller of Examination, Invitee
21	Dr. Surendra Rathod, Dean(Academics) & Member Secretary

Leave of absence was requested by Dr. Milind Sohoni, Dr. Sameer S Sahasrabudhe, Dr. V. B. Chandrate,
Dr. M. B. Patil, Dr. Suresh Ukarande and Dr. Rita Das



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Sr. No.	Agenda Item	Discussion/Remarks	Decision	Action Taken
1.	Welcome to members of the Academic Council for Fourth Meeting.	Member secretary, Academic Council Dr. S. S. Rathod started meeting by welcoming members. He informed that Dr. M. B. Patil, IIT Bombay, Dr. Shobha Pandit, KJSC, Dr. R. D. Daruwala, VJTI and Dr. Sunil Bhagwat, ICT, are the nominee of Mumbai University in AC. Dr. Rathod presented agenda of the meeting and then proceedings of the meeting started	--	--
2.	Confirmation of Minutes and Action Taken Report of the Third Meeting of Academic Council held on 14th July 2018.	Member secretary asked about confirmation of minutes of third academic council meeting held on 14 th July 2018. No corrections or suggestions are given by the members and minutes are approved.	Minutes of Academic Council held on 14 th July 2018 are unanimously approved by all the members.	Minutes taken and ATR noted
3.	Approval of revised scheme and course contents for semesters VII and VIII from academic year 2019-20 for UG program in Electronics Engineering, Electronics & Telecommunication Engineering, Computer Engineering and Information Technology	Please refer Annexure-I for detail discussion.	All departments will once again look for minor revisions. AC authorized chairperson to implement final year scheme and contents for all branches from 2019-20 after minor revisions. In order to maintain uniformity for finding rank or award purpose, CGPI to be taken on the basis of VII semester.	Final year scheme, courses and their contents are approved Unanimously. To be implemented from academic year 2019-20.

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4.	Liberal art courses	Dr. Rathod Presented various new Liberal art courses added to the present liberal arts courses. He proposed to offer these courses from 2019-20 to First year and Second Year as per scheme. Dr. Daruwala recommended to change the name 'Liberal Art'.	Courses and their contents are approved Unanimously	To be implemented from academic year 2019-20. Liberal arts name is changed to 'Life Skill Courses'
5.	Mandatory elective courses	Put forward for approval of addition of new courses Mandarin and Japanese. It was recommended to change 'Mandatory Elective Course' to 'Mandatory Elective'	Courses and their contents are approved Unanimously. MEC will be changed to MC for students admitted in first year in 2019-20.	To be implemented from academic year 2019-20.
6.	Minor Changes in SE and TE course contents	Put forward for approval.	Approved Unanimously	EXTC department instructed to do the changes in syllabus and upload on website immediately.
7.	Monitoring and Evaluation of Internship	Dr. Rathod presented the monitoring and evaluation of semester long internship and the detail manual prepared by Dean Industry Relations Dr. D. R. Kalbande. Dr. Jonathan Joshi suggested that institute can allow for research internships under institute faculty. Dr. Shubha Pandit recommended to put 'attendance' as a criteria in internship evaluation rather than discipline and there should be redressal mechanism on case to case basis for evaluation of internships.	Monitoring and evaluation mechanism is unanimously approved.	To be implemented from academic year 2019-20.



Dr. Daruwala
22/01/19



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		Dr Daruwala recommended that for all internships, S.P.I.T. approval is must and there should be a grade penalty for students accepting internship and not joining a company or joining a company but not completing internship.		
8.	First year Curriculum Scheme to be implemented from academic year 2019-20.	Please refer Annexure- II for detail discussion.	Applied Mechanics can be part of Physics and not offered as a separate course. Chemistry can contain thermodynamics. One more relevant 'open elective' course in the area of mechanics at SEM VI level can be offered as a prerequisite to automation and robotics courses. The proposed first year curriculum scheme was unanimously approved as it is.	Faculty to prepare the detail syllabus as per the scheme approved in AC.
9.	Curriculum scheme for UG Courses as per new AICTE Guidelines for 160 Credits	Dr. Rathod presented the new scheme for Second Year, Third Year and Final Year to be adopted for first year batch admitted in 2019-20. Dr. Rathod presented the idea of offering additional courses to fast learners. It was well appreciated by everyone. Dr. Daruwala recommended having CGPA as a CAP fee	The scheme was unanimously finalized and approved. Now respective departments can put the course names in the scheme and get approval of respective BoS.	All departments will be instructed to prepare the scheme as per the decided format and put for approval in next academic council.



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		student registrations. It can be interdisciplinary course. He also suggested using terminology 'Non-credit' and not 'audit' courses.		
10.	Student Exchange Programme	Postponed for next meeting.	Postponed for next meeting.	--
11	Any other matter with permission of chair.	Dr. Daruwala said that 'Open Elective' can be offered from first year faculty also.	To be informed to first year faculty.	--
		Member secretary informed that all the items of agenda are discussed and meeting ended with vote of thanks.		

Annexure-I

Dr. Rathod presented revised scheme and course contents for semesters VII and VIII from academic year 2019-20 for UG program in Electronics Engineering, Electronics & Telecommunication Engineering, Computer Engineering and Information Technology are presented.
Dr. Y. S. Rao suggested to look once again to overall credits offered in final year and recommended to make IP as 3 credit course. Dr. Rathod replied that it was done to have uniform credits across all the departments. To this Dr. Daruwala and Dr. Shubha Pandit said that it is not necessary to have same credits for all branches to offer the degree. Then it is decided that these schemes can be once again looked by the department and minor changes can be done. Dr. Jonathan suggested having a look on project I and II nomenclature for category I and II students. Dr. Rathod informed that it was a typing mistake. Dr. Shubha Pandit recommended being careful about the calculation of CGPI and conduct of examination for 'Open Elective' courses. She suggested that in order to maintain uniformity for finding rank or award purpose, CGPI to be taken on the basis of VII semester. This can be further discussed in examination committee.

Annexure-II

Dr. Rathod proposed scheme for First Year 2019-20. Dr. Rathod invited Prof. D. M. Patil to express his opinion about 'Mechanics' course. Prof. D. M. Patil expressed his displeasure in shifting of the 'Mechanics' course. He spoke for more than 20 minutes quoting various examples/survey/applications. He raised his concerns about introduction of digital circuit's course in first year and intentions about removing mechanics course.
Then Dr. Rathod gave the justification of necessity of introducing digital circuits at first year level. He clarified why it is necessary to shift one common course from all branches to first year by presenting detail scheme with 160 credits.
Dr. Sunil Bhagwat started discussion on this point stating that primary beneficiary of education should be society. He has asked for the comparison of existing first year and the proposed curriculum which was then shown by Dr. Rathod.



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Dr. Prachi Gharpure explained the necessity of shifting Applied Mechanics course to higher semester. She informed that S.P.I.T. recruiters are majorly financial & IT companies needing applied courses related to the domain.

Prof. Surekha Dhole said that engineering mechanics is useful in Robotics and Automation. Dr. Sudhir Dhage and Prof. Surekha Dhole were of the opinion that Engineering Mechanics is the fundamental Engineering course. Its basic principles are required in Robotics, artificial intelligence, Machine learning and automation. Dr. Jonathan Joshi, Dr. Shubha Pandit, Dr. Kushal Tuckley and Dr. Zia Saquib discussed about solution to this problem. Dr. Sunil Bhagwat was of the opinion that we should keep what society wants in the syllabus to which Dr. Rathod explained about various other courses introduced in the curriculum.

Dr. Satyanarayana said industries always want students ready to work from day one. It does not mean we should chop the basics and keep advance courses in lower semesters.

Dr. Sunil Bhagwat asked whether this course will affect skills of students to which Dr. Rathod replied that as per NBA graduate attributes it will not affect because there are many courses through which application of engineering knowledge, analysis and design skills can be taught. Dr. Y. S. Rao suggested that correct positioning of the course in higher semester. Dr. Rathod also read the messages of Dr. M. B. Patil and Dr. Sameer Sahastrabudhe supporting the shift in the mechanics course to higher semester.

When asked about the % distribution Dr. Rathod presented it to the council. After observing that there is no professional core course taught in first year, it was decided that digital circuit credits can come under professional core in first year. Dr. Sunil Bhagwat then suggested to put branch relevant contents of mechanics course in physics course.

He said physics and mechanics can be one course which was seconded by Dr. Y. S. Rao. Finally it is unanimously resolved that Applied Mechanics can be part of Physics and not offered as a separate course. Modify Physics and Chemistry Syllabus. Chemistry can contain thermodynamics. The contents of these courses must be modified as per requirement of branches.

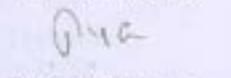
Dr. Rathod suggested having one more relevant 'open elective' course at SEM VI level can be offered as a prerequisite to automation and robotics which was unanimously accepted by all. After decision Dr. Rathod asked to Prof. D. M. Patil whether he agree to it to which he has given affirmative reply.

Signature and Date


Dr. S. S. Rathod

Dean (Academics) and Member Secretary,
Academic Council

Signature and Date


Dr. Prachi Gharpure
Principal and Chairman,
Academic Council

