

**SHREEMATI NATHIBAI DAMODAR THACKERSEY
WOMEN'S UNIVERSITY**

1, Nathibai Thackersey Road,
Mumbai - 400 020.

Ref. No.: Univ. Sec. A.C./2021-22/29

July 10, 2021.

To,
Dr. Nema Shika
Dean (Addl. Charge),
Faculty of Science & Technology,
SNDT Women's University,
Juhu Campus,
Mumbai - 400 049.

Madam,


This is to inform you that, the Academic Council at its meeting held on June 17, 2021 has considered the following item and passed the resolution as attached herewith.

Agenda Item No.4

To consider the Minutes of the meeting of the Faculty of Science and Technology held on 10th June 2021.

In view of the above you are hereby requested to take necessary action in the matter in accordance with the resolutions passed by the Academic Council and submit the compliance report in the prescribed format, within eight days of receiving this resolution.

Yours faithfully



(Dr. Mira Desai)
Registrar (Addl. Charge)

- C.C.to:
1. The Dean. Faculty of Science & Technology.
 2. The Deans (Addl. Charge) Faculty of Humanities, Faculty of Interdisciplinary Studies.
 3. All the Associate Deans (Addl. Charge).
 4. All the Chairpersons of the Board of Studies/Subject Board under the Faculty of Commerce & Management.
 5. The DOEE, Examinations, Juhu.
 6. The Assistant Registrar, Academic Section.
 7. The Computer Centre.
 8. The DU. SNDT.

Agenda Item No.4

To consider the Minutes of the meeting of the Faculty of Science and Technology held on 10th June 2021.

Resolution passed by the Academic Council dt. 17.06.2021:

Resolved that the Minutes of the meeting of the Faculty of Science and Technology held on 10th June 2021 be accepted and approved as follows:

**FS&T Agenda 01 :
Minutes of BOS in Food Science & Technology**

4.1.1 Eligibility criteria for M.Sc in Nutrition and Food Processing

The following eligibility criteria were recommended by the Board of Studies.

A). Students who have minimum 50% or B Grade in Undergraduate program:

B.Sc. Food Science and Quality Control, Food Science and Nutrition, Foods and Nutrition, Clinical Nutrition and Dietetics, Nutrition and Dietetics, Public Health and Nutrition, Applied Nutrition. B.Sc. Home Science (Hon. with Food Science and Nutrition/Food Technology)

B). Students who have minimum 50% or B Grade in Undergraduate program:

B.Sc. or B. Voc in Food Technology/Food Processing, Post-Harvest Technology, B. Tech (Food), Food Technology and Management, Microbiology, Biotechnology, Biochemistry

For both A and B categories of students, there will be relaxation of marks for reserved category candidates as per Government norms.

Category B students should successfully complete (pass an examination conducted by the Department/College) 12 credits of nutrition related subjects such as Human Nutrition, Dietetics/Diet Therapy, Nutrition during the Life Cycle, in the first year of MSc.

It was recommended by the Faculty that the Department / College should organize a bridge courses of 12 credits be completed by category B students.

Faculty Resolution: Eligibility criteria for M.Sc. in Nutrition and Food Processing stated above be accepted and recommended to Academic Council.

Resolution passed in the Academic Council meeting held on June 17, 2021.

Resolved that the change in the Eligibility criteria for M.Sc. in Nutrition and Food Processing be accepted and approved.

4.1.2 Eligibility criteria for M.Sc. in Food Science and Nutrition

The Board of Studies recommended that the percentage of seats be increased to 30 percent only for the specialization in MSc -Food Science and Nutrition. Also, students with B. Pharm degree may also be allowed to apply. However, applicants with Science /Pharmacy background would need to fulfill prerequisites in terms of bridge courses of 12 credits in the areas of Nutrition, Food Science and Dietetics that has already been passed in the earlier Academic Council.

The eligibility for MSc Clinical Nutrition and Dietetics will remain the same as it was and has not been changed.

There will be relaxation of marks for reserved category candidates as per Government norms.

Faculty Resolution: Revision in Eligibility criteria for M.Sc. in Food Science and Nutrition be accepted and approved to be placed in the Academic Council.

Resolution passed in the Academic Council meeting held on June 17, 2021.

Resolved that the Revised Eligibility criteria for M.Sc. in Food Science and Nutrition be accepted and approved incorporating B. Pharm student and prerequisites of Bridge courses of 12 credits for science / pharmacy students.

4.1.3 Syllabi for the various courses to be offered by the University Department of Food Science and Nutrition that are listed as essential for eligibility (Bridge Courses syllabi)

The BOS in Food Science & Nutrition has submitted the syllabi of 11 prerequisite courses for students from non-nutrition backgrounds for the MSc programmes in Food Science and Nutrition or Clinical Nutrition and Dietetics earlier.

Faculty Resolution: The revised syllabi for the various courses to be offered by the University Department of Food Science and Nutrition that are listed as essential for eligibility be accepted and approved to be placed in the Academic Council. (Annexure -1).

Dr. Shobha Udipi listed following 11 prerequisite courses which need to be completed in the first year by students from Non- Nutrition backgrounds.

- 1). Advance Chemistry
- 2). Bio-Chemistry
- 3). Food Preservation
- 4). Dietician I (Theory) Dietician II (Practical)
- 5). Food Analysis
- 6). Food Service Management.
- 7). Micro-biology.
- 8). Macro-nutrients & Micro nutrients.
- 9). Micro-nutrients
- 10). Food Analysis & Food Safety
- 11). Functional Foods and nutraceuticals

Dr. Shedmake raised the question that who will issue the certificate to the students for the bridge courses. He was informed that the contents are passed through BOS and the extra sessions are conducted by the Department, and the students are required to pass the exam, assignments and practical at internal level before appearing for the University exam. Dr. Shedmake pointed that there was one student who did not fulfill the criteria and there was a question about who will conduct the exam for her prerequisite course.

Dr. Shobha Udipi clarified that there are many UGC courses on portal and students can choose any of the University.

Dr. Anuradha Sovani explained the matter related to lateral entry of students was passed in an earlier Academic Council and this was particularly done, where there are large numbers of students wish to take admission in Masters in psychology and they do not get an entire psychology particularly in UG third year where seats were limited.

She stated that our University has 80 credit programme where the difference in the credits is met by the students appearing for the examinations of certain papers with 1st and 2nd year students thus the question of separate examinations for completing the remaining credits did not arise.

Dr. Shobha Udipi clarified that this is the eligibility criteria for admission. Any students who have not fulfilled the eligibility criteria will not get admitted. She further said that a student who is not having a nutrition background have become a dietician. The prerequisite courses are required for student to manage her studies better.

Prof. Magare said that eligibility is a condition of admission that who will be admitted. He further said that Dr. Shedmake gave his perspective which lead to deliberation. He also said that Dr. Udipi have clearly stated the eligibility

criteria for admission. He further said that eligibility certificate is given by Academic Section but confirmed by the Departmental Heads. Prerequisite courses need to be managed at the Department / College level as has been the practice.

Resolution passed in the Academic Council meeting held on June 17, 2021.

Resolved that the BOS approved Prerequisite courses to be completed for eligibility be accepted and approved. The Department / College can decide mode of Delivery and assessment locally.

4.1.4 Syllabus for B.Sc. specialization in Food Science and Nutrition

The BOS in FSN has submitted the syllabus for the specialization BSc in Food Science and Nutrition (Annexure 2). The Faculty had approved and accepted the same. However, it will not be possible to implement the syllabi in Academic year 2021-2022, as there are common courses to be offered by the five specializations in Home Science in FY BSc. These have not been identified. The Chairperson of the BOS in Food Science and Nutrition, stated that Dr Leena Raje, be requested to take the responsibility and call for a meeting of the concerned Chairpersons and Principals and submit to the Faculty, the common courses that will be offered to students of Home Science specializations in the FY BSc, by October 2021 so that all specialization in undergraduate Home Science can revise their respective syllabus.

Dr. Shobha Udipi suggested that all the Chairpersons of the Home Science Boards should come together and try to solve the points raised in the light of NEP. Many points listed in NEP are followed by Home Science faculty for years. She further said that unless a strong foundation is worked, it is difficult to build the super structure.

Resolution passed in the Academic Council meeting held on June 17, 2021.

Resolved that the common structure for UG Home Science be made and approved from all Home Science BOSs. Once done, structure and syllabus of B.Sc. in Food Science and Nutrition be designed and submitted for approval.

4.1.5 Syllabus for B. Sc specialization in Food Science and Quality Control

This syllabus has not been approved by the Board and has been deferred back to the Pune College of Home Science to address the following gaps that were found by the BOS members. (i) Programme Objectives (ii) Scope and Description of the course (iii) Programme Outcomes. (iv) Improving the objectives and adding higher level objectives for various courses in the syllabus (v) Offering several alternatives and wider choice for choice-based courses, keeping in mind the New Education Policy and giving this programme a multi-disciplinary perspective. The Chairperson Dr. Shobha Udipi informed the House, that she has spoken to Dr Chandrakala Mannuru

and have asked her to work on these aspects and **resubmit the syllabus** to the Board within one or two months.

4.1.6 Certificate course for HACCP offered by the Ramakrishna Bajaj-CFBP Testing and Consumer Education Centre at Juhu Campus.

The Chairperson, BOS in FSN requested permission of the Dean to permit her to consult various experts regarding the contents of the course that the Ramakrishna Bajaj-CFBP Testing Centre wants to offer for 16 hours in collaboration with PG Dept of FSN. Mira Desai raised a question that in the light of last AC Resoultion, such courses can be accepted/offered at Dept level and need not come to AC. Dr. Udipi pointed out that presently the Department has an In-charge HOD who is not from the subject area. Hence, she requested that she will consult various industry and other experts and finalize the course and give to the CFBP.

Dr. Khale stated that even faculty felt that inputs of industry experts are required but who these experts are and where they come from as in private or industry academia collaboration can be explored.

Dr. Mira stated that CFBP is the service centre which is servicing industry so the Centre is in contact with industry and being into education, one of their mandates is to reach out to the society for betterment and awareness and consumer testing also. They have all the equipments. The said course is of 16 hours and Department level decision could have been done and it should not have been brought to Academic Council.

Dr. Magare informed that this very activity of consulting industry experts and seeking their opinion is also good from point of view of NAAC and this is a welcome activity. In fact in BOS constitution itself take care with membership of industry experts.

Resolved that, to undertake the exercise of the expert opinion to finalize the HACCP course be taken by Dr. Shobha Udipi as Chairperson of BOS in FSN.

Resolution passed in the Academic Council meeting held on June 17, 2021.

Resolved that, a industry expertise can be sought on Certificate course for HACCP offered by the Ramakrishna Bajaj- CFBP Testing and Consumer Education Centre. The course can be offered once Dr. Udipi sends communication to that effect to CFBP.

FS&T Agenda 02 : Minutes of Polytechnic BOS

The minutes of the BOS in Electronics were accepted and approved.

4.2.1 To Approve the revised curriculum for the Fourth year of the Department of Electronics

Discussion at Faculty: Mr. Girap as special invitee presented the curriculum of the seventh and eighth semesters of Diploma in Electronics passed by Syllabus framing Committee of P V Polytechnic. Outcome-based education approach along with the problem-based learning has been adapted while framing the curriculum.

Mr. Girap informed members that one of the 8th-semester papers "**Entrepreneurship and Innovation**" would be offered in purely online mode through Moodle LMS. He also clarified the query raised by Dr. Magare regarding 'Term-work' component which consists of problem-based assignments, he further mentioned that passing in Term-work is compulsory to be eligible for the final exam.

Faculty Resolution: Resolved that the Fourth Year Curriculum of Diploma in Electronics be accepted and approved to be placed in the Academic Council.

Information / discussion in the Academic Council meeting held on June 17, 2021:

Dr. Shedmake inquired about the marking scheme in the syllabus and basis on which degree is awarded i.e. whether to give results based on Semester III and IV or Semester V and VI, and who will conduct the exam i.e. College level or University level.

Dr. Mira Desai suggested that a joint meeting should be held between Director DOEE and the PVP staff to resolve the matters. Prof. Shashikala Wanjari suggested that every member who want to ask any questions can be given space to raise his questions. Academic Council is an important meeting a thorough discussion should be done.

Prof. Shashikala Wanjari said that unless the PVC and DOEE is satisfied the revised curriculum of the Fourth year of the Department of Electronics should not be approved.

Prof. Magare suggested that Dr. Sachin Laddha is the appropriate person to explain the said matter. Dr. Sachin Laddha joined the meeting and explained that external means that University will conduct the exam and internal means that the exam will be conducted in-house by PVP.

Dr. Sachin Laddha said that the last two years exam is conducted by the University. Dr. Dinesh Girap clarified that this diploma is divided into theory, practical and term-work and problem based project learning in which every course has the projects to solve. He further said that there is only external exam which is conducted at the end of the semester and the internal work is done during the course, zero indicates that there is no internal exam. He further said that the minimum passing mark is 20 out of maximum 50.

Prof. Magare said that total exam is of 150 and there is individual head of passing and not aggregate head of passing and these should be mentioned in the syllabus.

Dr. Shedmake pointed that 4 credit total marks is 150 and in last row 4 credit total marks is 100. Dr. Girap said that 1 credit is 15 hours of theory and 30 hours of practical in one week. Dr. Shedmake said that as it is a 4 years course of 8 semesters, on which Semester degree is to be given is not mentioned in the syllabus.

Dr. Girap said that till today the degree was given on the basis of Semester 7 and Semester 8.

Dr. Shedmake said that there was one reference where the degree was given on the basis of Semester 4 and Semester 6 where Semester 5 was skipped where Semester 4 is of other year and Semester 6 is of another year.

Dr. Laddha suggested that what uniform norms is followed, the same norms should be followed for PVP exam.

Prof. Wanjari said that how to conduct the exam is not mentioned in any of the syllabus. Prof. Wanjari was of the opinion that what future schemes are going to be taken and also what provisions are there for the failures should be mentioned in the syllabus. She also suggested not to conduct the exam unless the changed syllabus is received by the Exam Dept.

Dr. Shedmake also pointed that the University declared the result on aggregate basis and on the basis of Semester 7 and Semester 8, wherein the PVP degree is given on Semester 4 and Semester 6, where Semester 4 is of different year and Semester 6 is of different year and Semester 5 is skipped.

Prof. Wanjari suggested to give all changes in writing to the Exam Department as she suggested that in the past one student was allotted Degree on the basis of certificate course so with reference to exam people should be cautious.

Dr. Panat asked that if the students go for lateral entry whether they will get admitted to 2nd year or 3rd year. Dr. Dinesh Girap clarified that the students will get admitted in 2nd year. Dr. Girap clarified that since 1983 these course is of 4 years and of which one year is of in-plant training. He further said that nowhere in Maharashtra students get in-plant training which is equal to NSQF and can appear for sector skill council exams. These students are preferred by industries as they have experience of this in-plant training. The industry is a mentor to the students. This programme is identified as a sandwich programme where skill component is a part of it.

After a long discussion Dr. Magare, Pro- Vice chancellor concluded that, the Academic Council should be ensured that henceforth no errors must be committed while framing the syllabi including exam guidelines. In this Diploma one extra year

is added. On the basis of which lateral admission can be taken. However the issue remains that of the examination. Thus if the examinations section is satisfied that the examination related issues of the programme can be taken care the same can be considered.

Thus although academically the programme seems good however the destiny of all is exams thus over all care should be taken on its Implementation.

Resolution passed in the Academic Council meeting held on June 17, 2021.:

Resolved that, Diploma in Electronics syllabus is Principally approved provided the procedure and base for conduction of exam is provided by PVP by 20th June 2021/One week. The syllabus should be submitted again with all the change.

4.2.2 To approve the evaluation fees per qualification pack (diploma and B. Voc.) charged by the sector skill council

Discussion:

Curricula of most of the Diploma and B. Voc. Degree courses offered by P V Polytechnic are mapped with the National Skill Qualification Framework. Sector skill Councils (SSC) are autonomous industry-led bodies by NSDC responsible for creating occupational standards, develop competency framework and certify trainees. Students from Diploma or Degree courses can appear for the assessment test offered by their respective SSC. The applications for the same needs to be forwarded by the institute with the assessment fees of Rs 800 plus 18% GST. This fees need to be paid by the student if she wants additional certification.

Resolution:

The committee resolved and accepted the assessment fees charged by the sector skill council which is Rs 800 plus 18% (Rs 944/-) per qualification pack.

Resolution passed in the Academic Council meeting held on June 19, 2021:

Resolved that, the assessment fees charged by the sector skill council which is Rs 800 plus 18% (Rs 944/-) per qualification pack be ACCEPTED and approval to be taken from Fee Fixation Committee.

4.2.3 To approve the fees for Diploma in Packaging

Discussion:

PV Polytechnic wants to start a diploma in Packaging in collaboration with industry partner. The said diploma is industry integrated and having skill-based component where the Sector Skill Council/Industry Partner will

evaluate the skill component. For the this unaided course, the proposed fee structure of Rs 39,528 includes all college and University components.

Dean, Faculty of Science and Technology, Prof. Anubha asked to resend the proposed fees structure with the justification for the amount mentioned against each head; so that the same could be placed before the University Fees Fixation Committee for its approval.

Resolution passed in the Academic Council meeting held on June 17, 2021:

The Diploma in Packaging syllabus was approved and accepted for recommendation to the Academic Council. It was resolved that the proposed fee-structure be placed before the University Fees Fixation Committee for the final approval.

FS&T Agenda 3: BOS: Electronics and Communication (Referring to UMIT)

3.1 Proposing Minor degree format for B. Tech (ENC-Electronics and Communication) and B. Tech (EE-Electronics Engineering),

To consider the matter of revision and approval of the proposed structure and syllabus for B.Tech.- ENC and EE Sem-V and VI and Minor Degree program details as per AICTE guidelines and proposed structure and syllabus.

Syllabus of B. Tech Electronics and Communication and Electronics Engineering Semester V and VI suggestions by BOS members are Incorporated is recommended by the BOS in Electronics and Communication.

Faculty Resolution: Syllabus of B.Tech.- ENC and B.Tech.- EE for Sem-V and VI with Minor Degree as per AICTE proposed structure and guidelines be **accepted and recommended to Academic Council.**

Observation/ Discussion:

Dr. Sanjay Pawar, Principal UMIT presented that the earlier B.Tech programmes were of 240 credit and as per AICTE new concept the same has been reduced to 160 credits thus giving flexibility to students for skilling themselves. Thus students get time for self-learning and in addition to their main core degree subjects, they can take a minor degree like robotics, cyber security, etc. for 18 credits that can be earned through various modes like Swayam, MOOCs or online courses based upon their interest. These are as per AICTE guidelines. The said credits can be earned throughout four years. These are over and above the credits of the major degree.

Dr. Shedmake, DOEE expressed his concern on the implementation of the same on the mark-sheet. Dr. Pawar suggested we can add the same in the major degree or we can show it separately on the mark-sheet.

Dr. Khale inquired if student is allowed to do multiple minor degree. Dr. Pawar informed the intension of AICTE by decreasing the core load students can do specialization wherever required.

Dr. Magare said that the proposal must be complete in all aspects. Now the students will get degree of 160 credits. If the minor degree is voluntary then one who is doing the same is benefited doubly thus there would be difference between two students acquiring the same degree from the same University. Therefore two students come out very tacitly that the basic degree hence forth will be for 160 credits. Thus those who are not getting into minor degree will get their degree for 160 credits. But students who go for a minor degree for additional credits they will get a separate Certificate. We should not deviate from the UGC nomenclature. Dr. Magare informed that the issue that the examination section would be facing also needs to be considered. Guidance should be sought from AICTE on what kind of degree certificate must be issued.

Resolution passed in the Academic Council meeting held on June 17,2021:

Resolved that, Minor degree format for B. Tech (ENC) and B. Tec(EE) be accepted and approved, however guidance to be sought from AICTE on the kind of degree certificate to be awarded and the same be conveyed to the examination section.

3.2 Approval of Exam panel for ENC and EE

Proposing of **Exam panel for ENC and EE** was discussed and approved by BOS. Dr. Ruby Ojha pointed out those full forms of the acronyms be mentioned for the benefit of other members.

Resolution: Exam panel for ENC and EE was Accepted and recommended. It was forwarded to Exam Section.

3.3 Proposing Minor Degree Programme as per Guidelines of AICTE

The agenda is discussed for discussion and proposing **Minor Degree program** details as per AICTE guidelines and proposed structure and syllabus for **Minor degree in AI (Artificial Intelligence) and ML (Machine Learning) and Data Science** has been recommended for B.Tech. EE and B.Tech. ENC students from the Academic Year 2021-22.

FS&T Agenda 04: Minutes of BOS in Computer Science & Information Technology

- 4.1** Proposing the syllabus and Scheme of Examinations for Semester V and VI for B.Tech. in Computer Science and Technology and Information Technology.

Discussion and Resolution:- As per the guidelines of AICTE Curriculum, the syllabus for Semester V and VI for B. Tech. in Computer Science and Technology and Information Technology was proposed and recommended for implementation.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, the syllabus and Scheme of Examinations for Semester V and VI for B. Tech. in Computer Science and Technology and Information Technology be accepted and approved for implementation from the Academic Year 2021-22.

4.2 Proposing the Minor Degree for students of B. Tech. in Computer Science and Technology and Information Technology.

Discussion:

As discussed Previously the total credits for B. Tech. Students' have reduced from 240 to 160. The intension of the reducing in academic load is to have self-learning and improving their technical skills. Also to provide the students the flexibility in getting the details of skills and knowledge based on their interest, considering employability. Based on the guidelines of AICTE "Minor Degree Programme" total of 18 to 20 credits in specialised area is proposed for B. Tech. in Computer Science and Technology and Information Technology. The students have to earn the credits through the courses offered for online courses/MOOCs/ etc. in the respective specialised areas. Once they earn the required credits as specified in the courses, they can be given "Minor Degree" in the specified area. The students can take any specialization irrespective of their core B.Tech. Major Degree subjects. Dr Archana Bhatnagar and Dr Mira Desai asked if such courses can be offered to students from other departments. They were informed that AICTE guidelines are open to consider the "Minor Degree Programme" considering their have the some certificate, skills and knowledge to any courses the students are interested. Other department students are also open to take some of the courses offered in engineering and after clearing the exams, the certificate can be issued.

Faculty Resolution:- The "Minor Degree" for the students of Computer Science and Technology and Information Technology as per the AICTE list is proposed, is recommended to the Academic Council for approval.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, the Minor programme to the students of Computer Science and Technology and Information Technology be accepted and approved, however guidance to be sought from AICTE about the nature of Degree

certificate to be awarded with this kind of Modification and the same be conveyed to the examination section.

4.3 Proposal for Nomenclature of B. Tech. in Computer Engineering and Data Science

Discussion: Dr. Sanjay Pawar presented B. Tech. in Computer Engineering and B.Tech. in Data Science from retrospective effect from 2020-21. These courses have already been passed by Academic Council in 2017 but modification in nomenclature is proposed as per the AICTE Directives.

1. B.Tech. in Data Science
2. B.Tech. in Computer Engineering

Resolved to accept the change in the nomenclature suggested by the BOS in Computer Science and Information Technology.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, the following modification in nomenclatures be accepted and approved:

1. **The B. Tech in Data Engineering will change to B. Tech in Data Science.**
2. **The B.Tech in Computer Science and Technology will change to B. Tech in Computer Engineering**

4.4 Courses with Zero Credit

Discussion and Resolution:- As per the guidelines of AICTE there are some courses which are not technical but essential to be taken up by the students. Such courses are having very less weightage and labelled as zero credits but will need to be cleared by the students to get the degree. But when implementing such courses the conduction of examination through University becomes difficult. Hence members recommended instead of zero credit, it can be made certificates courses.

Resolutions:- Zero credit courses when cleared by the students, they can be issued certificate by the institute, for completing and clearing the course.

Discussion/Information in the Academic Council meeting held on June 17, 2021:

Dr. Pawar suggested that these courses relate to day to day life of Student and are from social sciences. Dr. Magare inquired that Although the name indicated zero they are important and compulsory unless and until the student does it, she does not get her Degree. Institute can give the certificate and the mark-sheet should

indicate that the student has done the zero credit courses and thus have met the compliance for completing the Degree. Only pass or fail will be mentioned on the mark sheet in the case of zero credit courses.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, the Certificate for the Zero credit courses cleared by the students be issued by the institute, for completing and not completing the course.

FS&T Agenda 4: BOS: Computer Science and Technology

Revision and approval to the proposed scheme and syllabus for three-year degree course BSc-IT (Second- and Third-Year semester III, IV, V and VI).

Discussion and Resolution: Syllabus first and second semesters of B.Sc. IT was approved in the last Academic Council. The proposed scheme and syllabus for BSc-IT Sem- III, IV, V and VI was discussed and recommended for implementation for Academic Year 2021-22.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, scheme and syllabus contents for BSc-IT Sem- III, IV, V and VI be accepted and approved.

FS&T Agenda 05 : Minutes of BOS in Human Development

The minutes of the BOS in Human Development were approved by the faculty of Science and Technology.

5.1 Syllabus revision of M.Sc. Human Development

Discussion: The BOS Chairperson, Dr. Anuradha Bakshi presented the revised Syllabus structure of MSc Human Development approved in the BOS, for all four semesters. She reported that with the rich inputs and suggestions by esteemed members of the BOS, detailed course content is under preparation. The chairperson elaborated on the important highlights of the contents.

Faculty Resolution:

The revised Syllabus structure and detailed course content of M.Sc.Human Development have been accepted the faculty and Recommended to the Academic Council for its final approval.

Mira Desai informed the members that in her experience of working on this syllabus, it is better to work on full syllabus prior to implementing it since the syllabus forwarded now will be offered in coming semester to students which

creates lot of pressure for single faculty departments where there are no additional helping hands.

Resolution passed in the Academic Council meeting held on June 17,2021:

Resolved that, the revised Syllabus structure of M.Sc. Human Development be accepted and approved. The Contents will be presented in the next Academic Council.

5.2 Correction in the Percentage Equivalency for grades in M.Sc. Human Development.

Discussion: The BOS Chairperson, Dr. Bakshi noted that for F Grade the percentage equivalence was incorrectly noted as 20 to 20. Therefore, the BOS proposed a new percentage equivalency in line with the 50% minimum passing. Following grading system was proposed by the BOS –

- Standard of Passing will be 50% in each subject and overall. Separate passing will be necessary for internal and external exams.

Grade	Grade Point	% Equivalent
O=Outstanding	6.00	80-100
A+=Very good	5-5.99	70-79
A=Good	4-4.99	65-69
B=Average	3-3.99	60-64
C=Below avg.	2-2.99	55-59
D=Poor	1-1.99	50-54
F=Fail	0-0.99	0 - 49

Resolution

The corrected grading system and percentage equivalency for MSc Human Development be accepted and approved for recommendation to the Academic Council. The same to be communicated to the Examination section.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, the corrected grading system and percentage equivalency for MSc Human Development be accepted and approved which remain common for all M. Sc. Home Science programmes.

5.3 Placement of common papers/nomenclatures in the MSc syllabus

Discussion: While revising the MSc Human Development syllabus, the BOS members observed that they were constrained by the papers that were common across two or more departments. These papers were either taken by students of two or more departments (e.g., Research Methodology) or the paper was within the department but had a common nomenclature across departments (e.g., Entrepreneurship, Product Development). The BOS recommended that the Chairpersons of the different Department Boards of Studies could meet to reconsider the placement of these common papers or common nomenclature papers in the MSc syllabus. For the current MSc Human Development syllabus revision, the BOS has worked within the constraint of common papers.

Resolution:

The faculty accepted the recommendation of the BOS to reconsider the placement of the common papers/nomenclatures in the MSc Home Science Syllabus.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, the recommendation of the BOS to reconsider the placement of the common papers or common nomenclature papers in the MSc Syllabus be noted.

5.4 Value-added Course titled "Life Skills Education"

Discussion:

The BOS in Human Development approved the value-added course after modifications to content by the esteemed members of the BOS and presented the same to the faculty.

Faculty Resolution: Resolved to accept the value-added course, Life Skill Education and further recommended to the Academic Council for final approval.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, the value-added course, (certificate course) Life Skill Education of 2 credits awarded by the department be accepted and approved. Resolved further that 10% of fees collected to be deposited to University Account.

FS&T Agenda 06 : Subject Board Physiotherapy

Eligibility Criteria for admission to B.P.T. program

In the light of enrollment status and difference in the eligibility at the State and SNDTWU, the need to revise the eligibility has arisen as presented by Chair Subject Board of Physiotherapy.

Eligibility criteria of **S.N.D.T. Women's University for Bachelor of Physiotherapy** Course is - Aggregate marks obtained in **Std. 12 minimum 45 %** in case of open/ EWS category and **40% in case of SC / ST / SEBC** Category in Physics, Chemistry & Biology in Theory & Practical examination for H.S.C.E. at the qualifying examination.

As per the **State of Maharashtra** eligibility criteria for Bachelor of Physiotherapy, For B. PTH, BOTH, BASLP & BP & O Courses: Passing grade at HSC/12th Standard or equivalent examination is necessary.

While in the **State of Gujarat state eligibility criteria** for Bachelor of Physiotherapy Course is: For Homeopathy / Naturopathy / Physiotherapy / Orthotics and Prosthetics/ Optometry / Audiology and Speech Language Pathology and Occupational Therapy Courses : (Physics, Chemistry and Biology) : **Std. 12 Pass**

Faculty Resolution: Faculty of Science and Technology in its meeting on 10th June 2021 has resolved to accept the change in eligibility criteria for BPT program as per the Maharashtra and Gujarat government prescribed criteria i.e. "Passing grade at HSC/ 12th Examination". The same will be recommended to the Academic Council for its final approval.

Resolution passed in the Academic Council meeting held on June 17,2021:

Resolved that, the change in eligibility criteria for BPT program as per the Maharashtra and Gujarat government prescribed criteria i.e."Passing grade at HSC/ 12th Examination" be accepted and approved.

FS&T Agenda 07 : Minutes of BOS in Extension & Communication:

Dr. Mira Desai, as member of BoS reported that the BOS Chairperson Prof. Uma Joshi resigned and therefore at the BOS Meeting held on May 22, 2021 discussion about a new Chairperson was initiated. Two people were eligible- Prof. Pahad and Prof. Desai. The Board agreed that since Prof. Mira Desai is an internal person she should be nominated as Chairperson for BOS in Extension and Communication. The Minutes of the BOS in E&C were presented and accepted. Mira presented the Second Year Syllabus of **MSc in Extension & Communication**. Members recommended the Syllabus for further process.

Faculty Resolution: Resolved that the Second Year syllabus of M.Sc. Extension and Communication be recommended to Academic Council for approval. Since the students are already in First Year, the Second Year syllabus will get into implementation from coming semester in September 2021. The contents were approved in the BoS held on May 22, 2021 and Faculty Meeting held on June 12, 2021.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, the Second Year syllabus contents of M.Sc. Extension and Communication be accepted and approved.

FS&T Agenda 8: Proposed MSc Chemistry New Syllabus

Two of our affiliated colleges have got approval to start M.Sc. Chemistry. Since the university is not having this program, syllabus was designed by external experts. The syllabus has already been reviewed by the BOS.

The final corrected syllabus was presented at the BOS in Analytical Chemistry.

Faculty Resolution: The new syllabus of M.Sc. Chemistry be accepted and recommended to the academic council for its approval.

Observation/discussion:

Members pointed out that Choice Based Credits System (CBCS) to be shown in all four semesters for M.Sc. Chemistry syllabus.

Resolution passed in the Academic Council meeting held on June 17, 2021:
Resolved that, the new syllabus, M.Sc. Chemistry be accepted and Approved with changes in CBCS to be shown in all four semesters.

FS&T Agenda Item No. 09: Minutes of BOS in Zoology

Proposing the New syllabus and Scheme of Examination for all Four Semesters of M.Sc. Biodiversity.

Faculty Resolution: Resolved that, the syllabus of M.Sc. Biodiversity recommended by the Faculty of Science & Technology be accepted and recommended to Academic Council.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, the syllabus and contents of M.Sc. Biodiversity for Semester I, II, III and IV, be accepted and approved after Programme outcomes, Learning objectives and outcomes for papers are added. The final syllabus be sent to secretariat for implementation in 2021-22.

FS&T Agenda Item No.10: BOS in Family Resource Management:

4.10.1 Addition in existing Eligibility of

- a) Master in Resource Management & Interiors**
- b) Post Graduate Diploma in Environment Development**
- c) Post Graduate Diploma in Hospitality Administration**

Discussion:

Discussions on the Eligibility took place, where the need to permit the candidates with Non-Interior background be admitted provided they possess the necessary skills in softwares along with the recognized certificates of Drawing exams. The candidate would be required to Bridge courses of total 12 credits organized by the Department on extra fees. As discussed earlier the assessment will be carried out at the Department.

Faculty Resolution: It was resolved that new additions proposed by BOS-FRM are accepted and Approved.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, the Addition in existing Eligibility of Master in Resource Management & Interiors be allowing non-interior students provided they undergo 12 credits bridge course be accepted and approved.

- a) Post Graduate Diploma in Environment Development**
- b) Post Graduate Diploma in Hospitality Administration be accepted and approved.**

4.10.2 The Revised Curriculum of Undergraduate program under FRM.

Discussion:

Dr. Bhatanagr informed the house that members from Affiliated colleges (SMRK-Naski, PNDoshi-Ghatkopur, & Home Science College-Pune) were special invitees who contributed to the courses under FRM for UG Degree and submitted the Revised syllabus with CBCS included.

Faculty Resolution: It was resolved that the Revised Curriculum for Under Graduate program structure under Family Resource Management be accepted and be proposed to Academic Council.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, the Revised Curriculum structure for the Under Graduate program under Family Resource Management be accepted and approved

4.10.3 Post Graduate Revised Curriculum for the following Programs offered at FRM Department at Juhu Campus be considered for approval.

- (I) Master Degree in Resource Management & Ergonomics (PO.PSO& CO)
- (II) Master Degree in Resource Management & Interior Design (PO.PSO& CO)
- (III) PG Diploma in Environment & Development
- (IV) PG Diploma in Hospitality Administration

Discussion:

The members suggested minor additions and deletions to the presentation of above contents. The suggestion be incorporated and final syllabus be submitted for implementation for the academic year 2021-21.

Faculty Resolution: It was resolved that the Revised Curriculum for all Post Graduate program under Family Resource Management be accepted and be proposed to Academic Council.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, Revised Curriculum for the following Programs

**(V) Degree Masters in Resource Management & Ergonomics
(PO.PSO& CO)**

**(VI) Degree Masters in Resource Management & Interior Design
(PO.PSO& CO)**

(VII) PG Diploma in Environment & Development

(VIII) PG Diploma in Hospitality Administration be accepted and approved for implementation for the academic year 2021-21.

4. 10.4 To consider the proposal of modifications under Internship during COVID 19 situation.

Discussion: Across faculty meetings concern was expressed about inability to undertake "internship" by UG as well as PG students. The members agreed to modify the learning experiences for students due to pandemic as resolved in the earlier Academic council Meeting. Within FRM Department outside Internship in Hospitality Industry is a challenge, hence various Assignments have been designed in replacement to Internship period.

Faculty Resolution:

The proposal of flexibility in Internship was accepted and the proposed Activities to be considered under Internship for UG Hospitality administration at BMN College Matunga students.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, the proposal of proposed Activities to be considered under Internship for UG Hospitality administration at BMN College Matunga students. For PG students the resolution of Board of Studies of Psychology presented in this meeting be accepted for FRM students also.

4.10.5 To consider the Proposal of TWO Value-added courses in collaboration with IMOS for UG & PG Departments.

Discussion:

Two value-added courses proposed by PG Department of 2 credits each / 30 hours in collaboration with IMOS will help create trained manpower as presented by Dr. Bhatnagar. These courses are proposed for the first time. Students will be taught Interior Design software who will be employed by architects. Other two courses on House Keeping and Sleek Kitchen for getting manpower.

Faculty Resolution: It is resolved that four Value -added courses be accepted and approved to be offered by the Department. These courses can be taken up for tenth pass students from affiliated colleges.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, four Value-added courses to be offered by FRM Department be accepted and Approved. Administrative process for these courses if taken up by colleges be ascertained.

4.10.6 Fees structure for Two PG Diplomas approved by Fee fixation committee

- a. PG Diploma in Environment & Development**
- b. PG Diploma in Hospitality Administration**

Dr. Bhatnagar presented the Fee structure and stated that they had used Department of Human Development Early Childhood Education fee structure which will demand minimum seven students to run it with break even. It was approved and recommended by the Fee Fixation committee.

Faculty Resolution:

It was resolved that TWO PG Diploma fees be accepted and proposed to Fee Fixation Committee & Academic Council.

Resolution passed in the Academic Council meeting held on June 17, 2021:

Resolved that, PG Diploma in Environment and Development and PG Diploma in Hospitality Administration fees structures be accepted and approved.

FS&T Agenda 11 Pharmacy: The minutes of the BOS in Pharmacy were accepted and approved.

There were no items in Pharmacy pertaining to Academic council decision. Dr. Tatke informed the house that PCI had listed eight electives of which two needs to be taken. BOS proposed two more electives making it mandatory for students to take any four electives. Only 10% variation in PCI model curriculum is acceptable. From RUSA modules Pharmaceutical marketing and Data Management two electives were taken and were approved by Academic council earlier. BOS added two more elective syllabus of which was approved in 2017.



(Dr. Mira Desai)
Registrar (Addl. Charge)

22/7/21

Name of the Section / Department: - _____

Name and designation of the concerned officer: - _____

Compliance report on the action taken on the resolutions of the Academic Council

Sr. No.	Academic Council Reso.No.	Date of the Meeting	Resolution of the Academic Council	Action taken thereon (Giving details of the letters / communication sent, if any. Copies be enclosed)