

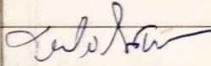
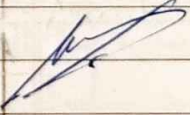
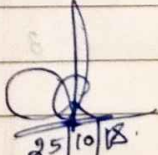
PROCEEDINGS OF BOS MEETING (OCTOBER 2018)

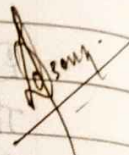
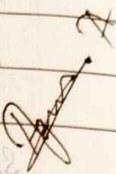
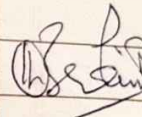
Date: 25-10-2018

Time: 11:00 am

Venue: Conference Hall (PG)

LIST OF BOARD OF MEMBERS PRESENT

| SL.No | DATE | NAME AND DESIGNATION | | SIGNATURE |
|-------|----------|---|-----------------------|---|
| 1 | 25-10-18 | Dr. Cletus Dsouza Professor Emeritus University of Mysore | Chairperson | online |
| 2 | 25-10-18 | Dr. Tulasi Manjunath University Medical Officer Manasagangothri, Mysore | University Nominee |  |
| 3 | 25-10-18 | Rev. Fr. Leslie Moras Episcopal Vicar MDEB, Mysore | Special Invited |  |
| 4 | 25-10-18 | Dr. Anjali Anun Medical Superintendent BGS, Apollo Hospital Mysore | Industrial Partner | Anjali |
| 5 | 25-10-18 | Dr. Caroline Cutinha Assistant Professor Dept. of Shalya Tantra Govt. Ayurveda College Mysore | College Nominee |  25/10/18 |

| SL.No. | DATE | NAME AND DESIGNATION | | SIGNATURE |
|--------|----------|---|------------------------|---|
| 6. | 25.10.18 | Dr. Donin Souza Head of the Department B.Voc Healthcare Technology Philomena's College, Mysore | Member |  |
| 7. | 25.10.18 | Ms. Agnes Antony Assistant Professor B.Voc Healthcare Technology Philomena's College, Mysore | Member |  |
| 8. | 25.10.18 | Mr. Othbert Pinto Director (PG Block) St. Philomena's College Mysore | Nodal officer |  |
| 9. | 25.10.18 | Dr. Elizabeth Frank Lead Laboratories Mysore | Industrial Partners | - Absent - |

AGENDA

1. To approve the syllabus, scheme of teaching and Examination blue print of the question paper and reference book.
2. To review and approve regulations of B.Voc Health Care Technology programme
3. Review and approval of panel of Examiners for the academic year 2017-19.
4. Any other subject with the permission of the chair

Minutes of the meeting

The chairman Prof. eldur Osouza welcomed the members and introduced the new members (Dr. Tulsi Mangunath, Dr. Caroline Cutanha, Dr. Dorin Osouza and Ms. Agnes Anthony). He also thanked the members who completed the term (Jareel Nageem, Dr. Sushma Apparab, Prof. Mary S. Kuman and Mr. Ronald Prakash Cutinho).

The following agenda were discussed.

Agenda 1: To approve the syllabus, scheme of teaching and Examination

The chairman taking of the 1st agenda informed the members that the copy of the syllabus was sent to them for their suggestion and also placed the hard copy before the BOS. chairman explained to the BOS ~~the~~ about the modification that has been included.

a) In the existing syllabus there is no provision for the students to take up higher studies in Biochemistry and Microbiology and also in the city of Mysore no other college is offering M.Voc in Healthcare Technology, keeping in mind the students' interest Biochemistry and Microbiology have been included in all the 6 sem to give an opportunity for these students to take up higher studies in these subjects.

b) The UGC had given directions in offering the skill sectors that is to be implemented uniformly all over India for the B.Voc programme. As per their directions, the students must be trained for phlebotomy technique during their 1st year, and as Medical Lab technician during their 2nd year and in their final year they must study the Blood Bank Technology and Histopathology in their 5th and 6th sem respectively.

c) To Equip them employable in the Healthcare sectors provision is made to opt trade like (a) Neurotechnology (b) Cardiac Care Technology, (c) Intensive Care Unit (d) CSSD (e) Radiology

↳ Analytical Biochemistry (g) / Blood Bank Technology (h) OT
(Note: 3 trainees to be opted from 3rd sem upto 6th sem)

d) In the previous syllabus there was no provision for a student to learn theory part of their trainee they were only undergoing training in the hospital and were assessed under the practical component. In the revised syllabus, the provision is made for theory and practical distribution of the marks for Evaluation is given in the syllabus.

e) The question paper pattern was also placed before the committee

f) The revised syllabus to be implemented for the students studying in the 2nd and 3rd year to make them eligible for higher studies in Biochemistry and Microbiology

The chairman sought the opinion of the members.

Dr. Anjali Arun thanked the chairman for giving a new look for the syllabus by including good number of skill components with a strong theoretical support and it could be implemented without any modification and could be extended for 14 years too.

Rev. Fr. Leslie Moras suggested, since it is HET like a part of nursing and training is necessary while they enter the hospital. So the ^{a unit of} nursing ~~made~~ on life skills must be included to make the syllabus complete was his opinion.

Members gave the approval of the syllabus and all modifications which have been explained from the sub-division from a - e.

Decision approved

Agenda: To review and approve regulations of B.Voc (NCT)
Chairman placed the modified regulations to be implemented the revised syllabus

Decision approved

Agenda 3: Review and approval of Panel of Examiners for the A & 2017-19

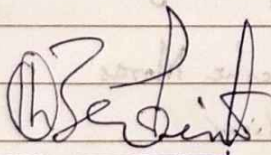
The chairman placed the list of members to be appointed as Examiners

- a) Dr. Deena De Souza
- y Mrs. Chandramath P
- o Dr. Rajesh
- d) Dr. Elizabeth Frank
- e) Prof. Anita De Souza (Chairman)

Agenda 4: Any other subject with the permission of the chair

Rev. Fr. Leslie Moras suggested, since the course is made attractive by giving scope for higher studies and also employability. The department must put effort to get more students and sought the co-operation of Dr. Anyah to offer them training and if possible placements.

The meeting concluded by thanking all the members for their valuable suggestions and co-operation.



NODAL OFFICER
 BACHELOR OF VOCATION
 ST. PHILIPINE VA'S COLLEGE (AUTONOMOUS)
 ENNIMANTAP, MYSORE 570 015

PROCEEDINGS OF BOS MEETING (AUGUST: 2020)

Date: 14.08.2020

Time: 11:30 am

Venue: PG Conference Hall

Mode: Virtual Meeting

LIST OF BOARD OF MEMBERS PRESENT

| Sl.No | DATE | NAME AND DESIGNATION: | |
|-------|----------|---|------------------------|
| 1. | 14.08.20 | Dr. Dorin Doouza Chairperson B.Voc (HET) | Chairperson |
| 2. | 14.08.20 | Dr. Hema H.P University Medical officer Manasagangothri, Mysore | University Nominee |
| 3. | 14.08.20 | Rev. Fr Leshe Moras Episcopal Vicar MDES, Mysore | Special Involvee |
| 4. | 14.08.20 | Prof. Cletus Doouza Professor Emeritus University of Mysore | Special Involvee |
| 5. | 14.08.20 | Dr. Anjali Arav Medical & Dean BGS Apollo Hospital Mysore | Industry Partner |

| | | | |
|----|----------|---|---------------------------------|
| 6. | 14.08.20 | Prof. Othbert Pomb Director / Nodal officer B.Voc Prog, 3 rd C Mysore | Nodal officer <u>B.P.</u> |
| 7. | 14.08.20 | Dr. Caroline Cubinha Assistant Professor Dept of Shalya Tantra Govt. Ayurvedic College | Member |
| 8. | 14.08.20 | Ms. Agnes Anthony Assistant Professor Dept of B.Voc (HCT) | Member <u>A.A.</u> |

AGENDA

1. Approval of the modifications made to the existing curriculum
2. Review and approval of Panel of Examiners for the Academic year 2020-21.

Minutes of the Meeting

The Chairperson welcomed all the members of BOS to the Virtual meeting and expressed the inevitable situation for not being able to meet in person due to the present Covid pandemic prevailing in the country. The new University Nominee member Dr. Hema H.P, Medical Officer was introduced to the members. The following agenda were discussed.

Agenda 1: To approve the modifications made in the existing Curriculum
Taking the 1st agenda the chairperson informed the members that the soft copy of the revised curriculum was mailed

to the members and also communicated the same over by calling them personally with a request to mail their suggestions. A copy of the same was shared on their computer screen during the discussion. Dr. Cleus D Souza and Dr. Caroline Cubinha had suggested few changes which were included in the final draft which was shared with the members. The chairperson informed the members that the Curriculum is revised as per HSEF guidelines keeping in mind the assessment of the students by the Sector Skill Council (SSC) for Health care sector. The chairperson also briefed on the following modifications.

Modifications in the First Semester

Title of the paper: Anatomy

| Unit | Sub-unit | Existing | Addition made | Justification |
|------|----------|-----------------|--------------------------------------|--|
| 1 | 1.1 | No changes made | Location of the organs in human body | It was not included earlier, this will help them to understand the human organ system. |

Title of the paper: Physiology

| Unit | Sub-unit | Existing | Addition | Justification |
|------|----------|-----------------|---|--|
| 2 | 2.2 | No changes made | Proteins and lipoproteins | This information is required in several other papers as well as practicals |
| 4 | - | No changes made | Practical- Clotting time and Prothrombin time | This is an important test in clinical chemistry |

Title of the paper: Biochemistry I

| Unit | Sub-unit | Existing | Addition made | Justification |
|------|----------|-----------------|-----------------------------|---|
| 2 | 2.5.3 | No changes made | Activation of pH electrodes | Maintenance of equipment is an integral part of laboratory training |

Title of the paper: Microbiology -I

| Unit | Sub-unit | Existing | Addition made | Justification |
|------|----------|-----------------|---|--|
| 1 | 1.2 | No changes made | Electron Microscopy: SEM & TEM | To study the working principle of the two electron microscopes |
| 5 | - | No changes made | Practical- Preparation of Chromic acid and its uses | To learn about the removal of stains from the glass wares in a microbiology laboratory |

PAGE:

Title of the paper: Phlebotomy Technology

| Unit | Sub-unit | Existing | Addition made | Justification |
|------|----------|-----------------|---|-------------------------------------|
| 2 | 2.1 | No changes made | Composition of blood- Plasma and its functions, serum, cells, proteins, ions, RBC, WBC and proteins | Incorporated as per NSDC guidelines |
| 2 | 2.2 | No changes made | Haemostasis- Blood coagulation, hemophilia | |
| 4 | 4.1 | No changes made | Patient preparations- Questions to be asked, calming the patient, preparations, drawing blood | |

Title of the paper: Basic Mathematics & Bio statistics

| Unit | Sub-unit | Existing | Addition made | Justification |
|------|----------|-----------------|------------------------|---|
| 3 | 3.3 | No changes made | Mean from grouped data | Included to learn the statistical data analysis |
| 5 | 5.1 | No changes made | Levy-Jennings plot | |

Modifications in the Second Semester**Title of the paper: Biochemistry II**

| Unit | Sub-unit | Existing | Addition made | Justification |
|------|----------|-----------------|--|--|
| 1 | - | No changes made | Practical -Estimation of Vitamin C | Included as a component of hands on training to support the theory |
| 2 | - | No changes made | Practical -Food adulterants | |
| 7 | - | No changes made | Practical - Calibration of Sweetness of artificial sweetener (Jam) | |

Title of the paper: Microbiology-II

| Unit | Sub-unit | Section | Addition | Justification |
|------|----------|-----------------|--|---|
| 1 | - | No changes made | Practical -General Procedure for isolation and identification of Bacteria | Basic techniques used in identification of Microorganisms. Since identification plays a prime role in Microbiology. |
| 2 | - | No changes made | Practical -Cultural Characteristics of microorganism | |
| 3 | - | No changes made | Practical -Citrate Utilization test, Oxidase test, Indole, catalase, coagulase test, TSI, Urea hydrolysis | |
| 4 | - | No changes made | Practical -Study of Fungi-isolation and Identification of <i>C.albicans</i> , <i>Aspergillus</i> and <i>Rhizopus</i> | |

Modifications in the third Semester

Title of the paper: Biochemistry III

| Unit | Sub-unit | Existing | Addition made | Justification |
|------|----------|-----------------|--|-----------------------------------|
| 6 | - | No changes made | Practical - Estimation of SGPT, SGOT and LDH | Part of many organ function tests |

Title of the paper: Neurotechnology -I

| Unit | Sub-unit | Existing | Addition made | Justification |
|------|----------|----------|---|---|
| 1-8 | - | Yes | Revised and re-arranged with topics related to Neuroanatomy | To give more clarity to the industry partners to train the students |

Modifications in the fourth Semester

Title of the paper: Neurotechnology -II

| Unit | Sub-unit | Existing | Addition made | Justification |
|------|----------|----------|---|--|
| 1-7 | - | Yes | Revised and re-arranged with topics related to Neurophysiology with seven units | To give more clarity to the industry partners to train the students. |

Modifications in the fifth Semester

Title of the paper: Biochemistry VI

| Unit | Sub-unit | Existing | Addition made | Justification |
|------|----------|-----------------|---|-----------------------|
| 6 | - | No changes made | Practical-assay of urinary steroids, cholesterol degradation products | Useful in diagnostics |

Title of the paper: Neurotechnology -III

| Unit | Sub-unit | Existing | Addition made | Justification |
|------|----------|----------|--|--|
| 1-7 | | Yes | Revised and re-arranged with topics related to Basics and Instrumentation of EEG | To give more clarity to the industry partners to train the students. |

Title of the paper: Blood Bank Technology

| Unit | Sub-unit | Existing | Addition made | Justification |
|------|----------|-----------------|-----------------------|---|
| 8 | - | No changes made | Practical-Coombs test | Most important testing done at the blood bank |

Modifications in the Sixth Semester

Title of the paper: Biochemistry -VII

| Unit | Sub-unit | Existing | Addition made | Justification |
|------|----------|-----------------|---|---------------------------|
| 3 | 1.2 | No changes made | Anti-phagocytic assay | Test for immune status |
| 6 | 3.1 | No changes made | Cell counting- WBC, RBC and Differential counting | Basic tests in hematology |

Title of the paper: Neurotechnology-IV

| Unit | Sub-unit | Existing | Addition made | Justification |
|------|----------|----------|---|--|
| 1-4 | - | Yes | Revised and re-arranged with topics related Basics and Instrumentation of EMG | To give more clarity to the industry partners to train the students. |

Title of the paper: Microbiology -VIII

| Unit | Sub-unit | Existing | Addition made | Justification |
|------|----------|-----------------|---------------------------------------|--|
| 2 | - | No changes made | Practical-Agarose Gel Electrophoresis | B.Voc laboratory is well equipped with |

| | | | | |
|---|---|-----------------|---|---|
| 3 | - | No changes made | Practical- Determination of Proteinase activity using casein as a substrate | molecular instruments therefore students have a better opportunity gain hands on experience with the electrophoretic unit rather than a demonstration |
|---|---|-----------------|---|---|

Professor. Clelus Dsouza sought clarifications regarding the alignment of all the papers on for with the guidelines of the sector skill Council and the chairperson informed that all the papers are aligned as per the requirement of the NSQF. He thanked the chairperson for giving clarity and good shape to the entire curriculum. While all other members of the BOS committee expressed that the additions made would give more clarity to students on what they would be learning both theoretical and practically.

All the members gave their approval of the syllabus and all modifications and additions made in all the semesters.
Decision: approved.

Agenda 2: Review & approval of Panel of Examiners for the AY 2020-21

The chairperson placed the list of members to be appointed as examiners

Prof. Clelus Dsouza

Dr. Dorin Dsouza

Mrs. Lydia Vandana

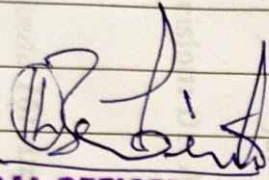
Ms. Agnes Anthony

Mr. Chandramathi

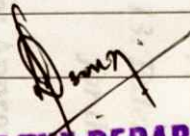
Mr. Mohanish Swaris

[The meeting concluded by thanking all the members for their suggestions and co-operation. She also thanked the organizing committee for arranging the virtual meeting]

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NODAL OFFICER
BACHELOR OF VOCATION
ST. PHILOMENA'S COLLEGE (AUTONOMOUS)
BANNIMANTAP, MYSORE-570 015



HEAD OF THE DEPARTMENT
B.VOC IN HEALTHCARE TECHNOLOGY
ST. PHILOMENA'S COLLEGE (AUTONOMOUS)
BANNIMANTAP, MYSORE-570 015

28. DEPARTMENT OF HEALTH CARE AND TECHNOLOGY (B.VOC)

| SL NO | NAME OF FACULTY | DESIGNATION |
|-------|--|---|
| 1 | DR. DORIN D'SOUZA HOD, St. Philomena's College, Mysore | Chairperson |
| 2 | DR. BASAVARAJU Dos in Health Care Technology, University medical Officer, University of Mysore | University Nominee |
| 3 | DR. ANJALI ARUN Medical Superintendent BGS Apollo Hospital, Mysuru | Member College Nominee Relevant Medical Field |
| 4 | DR. CAROLINE CUTINHA Assistant Professor, Department of Shalya tantra, Ayurvedic College, Mysore | College Nominee Relevant Education Field |
| 5 | DR. AUMIR MOIN Neurologist, Department of Neurology BGS Apollo Hospital, Mysore | Member College Nominee Relevant Medical Field |
| 6 | DR. LAKSHMIDEVI Head of the Department, Department of Microbiology University of Mysore, Mysore | College Nominee Relevant Education Field |
| 7 | MS. ANTHONY AGNES A | Member Faculty of the Dept- SPC |