

Rayat Shikshan Sanstha's  
KARMAVEER BHAURAO PATIL COLLEGE, VASHI (Autonomous)  
Department of Microbiology

MoU Activity Report (2021-2022)

Date: 15<sup>th</sup> June 2022

**UG Programme B.Sc Medical Laboratory Technology offered by Karmaveer Bhaurao Patil College Vashi (Autonomous) in collaboration with iTransform Paramedic Skill Program, Trascender Services Pvt. Ltd (TSPL), Andheri, Mumbai**

**Details of Activity**

**Title of Activity: Student exchange programme on B.Sc medical technology**

**Duration: Academic Year 2022- 2023**

**Attendee Number: 30 seats**

**Name of Resource person: Mr Sameer Joshi, Dr Seema Joshi, Mrs Snehal Joshi, Mrs Rashmi Chauhan & Mrs. Aishwarya Mapuskar**

**Name of Collaborating Agency: iTransform Paramedic Skill Program, Trascender Services Pvt. Ltd (TSPL), Andheri, Mumbai**

**Objectives of Activity**

1. As an Autonomous college, in collaboration with iTransform Paramedic Program Center, we have designed a Medical Laboratory Technology (B.Sc. -MLT) syllabus to cater to students to the current skill sets required by the industry and research institutes and also adopted CBCS (Choice Based Credit System) in the syllabus as per the UGC guideline. We have introduced OJT training and internships as a mandatory part of the course.
2. Students should be ready for the Job role of assistant Medical Lab Technologist.
3. Students would be ready for the Job role of Laboratory Medical Officer.

**Description of Activity**

Karmaveer Bhaurao Patil College Vashi in association with iTransform Paramedic Skill Program, Trascender Services Pvt.Ltd (TSPL) offers 3 years bachelor's degree in B.Sc. Medical laboratory Technology starting from the academic year 2022-23.

B.Sc. Medical Laboratory Technology is a Paramedical course in association with iTransform Paramedic Skill Program, Trascender Services Pvt.Ltd (TSPL) offers a 3-year Bachelor's degree in Medical Laboratory Technology. During the program students learn to detect and diagnose diseases and learn about different treatments available for them. They also acquire knowledge about the collection and sampling of important data, testing, documentation and reporting for the same.

The department conducts skill-based programs on advanced instrumentation, molecular biology techniques and corporate soft skills, apart from these many workshops, seminars, and conferences are also conducted. In the Hematology section students observed venous blood collection, different vacutainers & registration of patients, and containers & labelling were very well explained. & also Various automated machines were observed in the Biochemistry & Hematology section.

In the Blood Bank all about Blood donor records, Bleeding chairs, Different types of Refrigerators, Apheresis Machines and different procedures of the Blood Bank were



*Cy*  
**I/c. Principal**  
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explained.

iTransform Paramedic Skill Program, Trascender Services Pvt. Ltd (TSPL) faculty members were active in teaching the entire course to FYBSc MLT students. The members are: Mr Sameer Joshi, Dr Seema Joshi, Mrs Snehal Joshi, Mrs Rashmi Chauhan & Mrs. Aishwarya Mapuskar

The entire program was coordinated with the support of the Hon. I/C Principal Dr. Shubhada Nayak, Dr.Keshav Shinde Head, Department of Microbiology, Dr. Ashwini Pande - MLT Program coordinator and all other departmental members.

**Impact of activity on the community: NA**

The benefit to participants:

- a) Students will be ready for the Job role of assistant Medical Lab Technologist.
- b) Students will be ready for the Job role of Laboratory Medical Officer.

**Link of activity (If Online): NA**

**Certificates received by students : Mark Sheet for MLT course by Karmaveer Bhaurao Patil College, Vashi (Autonomous)**

[https://drive.google.com/file/d/1AguPP3j2rz\\_g1QCdoGztU081GO8i9oQ7/view?usp=sharing](https://drive.google.com/file/d/1AguPP3j2rz_g1QCdoGztU081GO8i9oQ7/view?usp=sharing)

**Attendance of participated students :**

[https://drive.google.com/file/d/1uOeXt0mpoKo1R1bgr\\_5-UTMQ6yjm3kWd/view?usp=sharing](https://drive.google.com/file/d/1uOeXt0mpoKo1R1bgr_5-UTMQ6yjm3kWd/view?usp=sharing)

**Feedback of activity :**

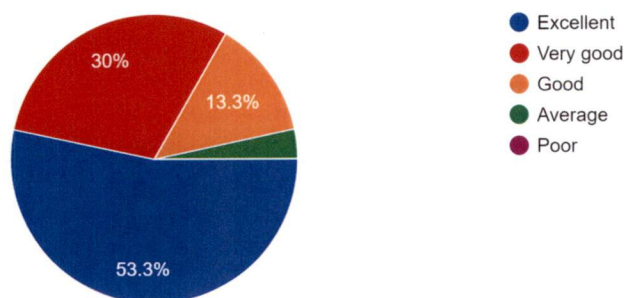
The entire academic year was scheduled, and lectures and practicals were taken as per schedule. More than 90% students gave highly positive feedback to this course.


Student feedback was taken and the link of the entire feedback is mentioned below.

[https://docs.google.com/spreadsheets/d/1gAz-PViH\\_xBYJJUezm4HK4RSd2fB0dReaCaERmBc5A4/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1gAz-PViH_xBYJJUezm4HK4RSd2fB0dReaCaERmBc5A4/edit?usp=sharing)

1.How do you rate the syllabus of the course that you have studied in relation to the competencies expected out of the course.

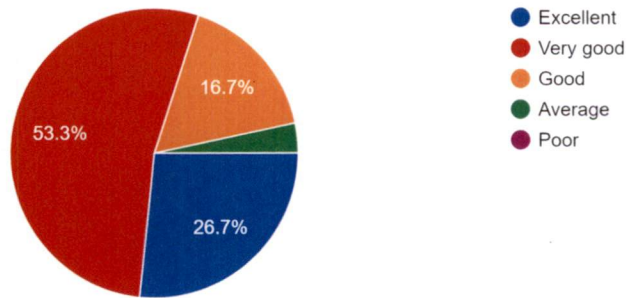
30 responses



  
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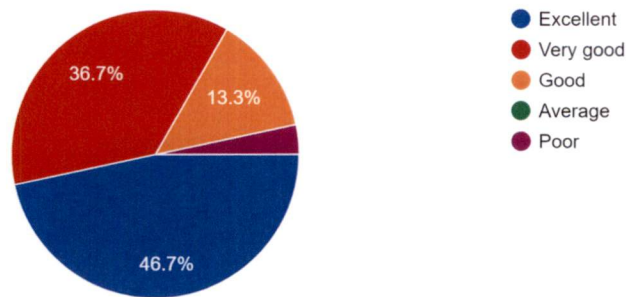
2. How do you rate the relevance of the units in Syllabus relevant to the course?

30 responses



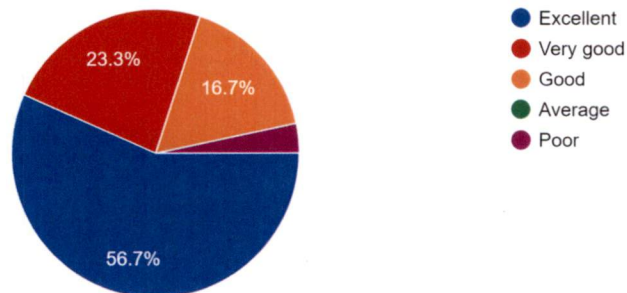
3. How do you rate the allocation of the credits to the courses?


30 responses



4. Rate the courses in terms of extra learning or self learning considering the design of the courses

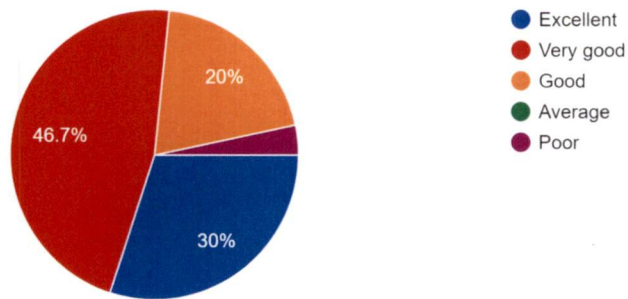
30 responses



  
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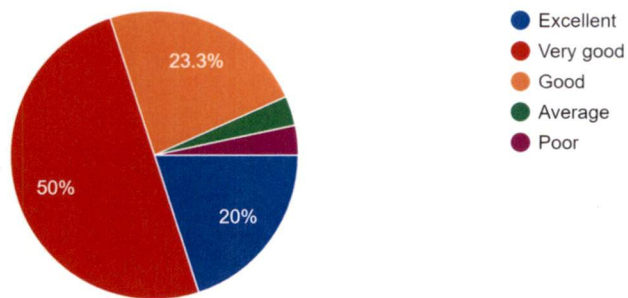
5. How do you rate the evaluation scheme designed for each of the course?

30 responses



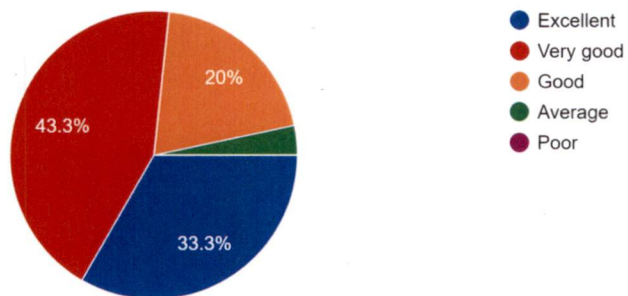
6. Usage of teaching aids and ICT in the class by faculty to facilitate teaching

30 responses



7. Fairness in the assessment processes (KAT, Quiz, Assignments, etc.)

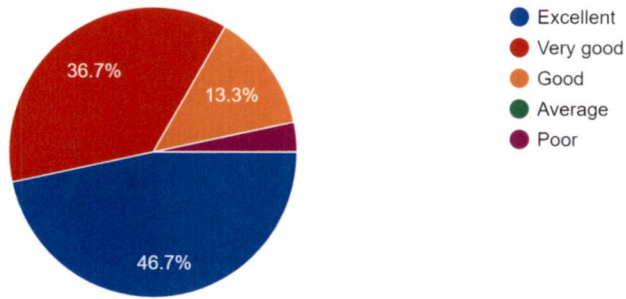
30 responses



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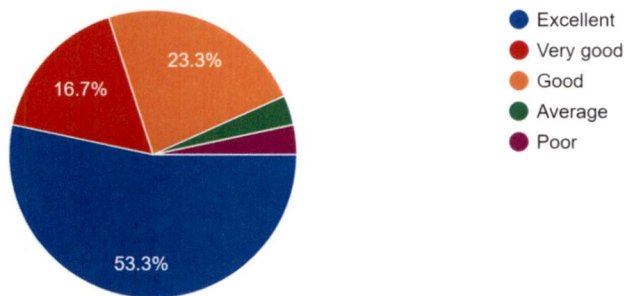
8. Opportunities for out of class room learning (guest lectures, seminars, workshop, value added programmes, conferences, competitions)

30 responses



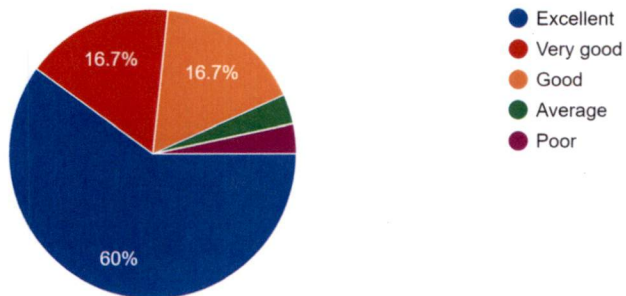
9. Opportunities in the University for Research Activities

30 responses




10. Opportunity for students to participate in internship, student exchange, field visit

30 responses



Photos of Activity :



  
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**FYBSc MLT students undergoing observership/ training in Terna Medical College, Nerul, Navi Mumbai**



**Laboratory Visit of FYBSc MLT Students- Rajpal Hospital, Suraj Laboratory, Koperkhairane, Navi Mumbai**



  
**In-charge Principal**  
Karmaveer Bhaurao Patil College  
Vashi, Navi Mumbai - 400 703.



**Title of activity: UG Programme B.Sc Medical Laboratory Technology**  
**Place: Terana Medical College, Mumbai**  
**Date: 02/08/2022**

**A dedicated laboratory for BSc MLT students for the academic year.**

**Newspaper cutting: NA**

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**HEAD**

**Department of Microbiology**  
**Terana Medical College, Vashi, Navi Mumbai**

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17-08-2022

**Signature of MOU authority (second party)**

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**I/c. Principal**  
**Karmaveer Bhaurao Patil College**  
**Vashi, Navi Mumbai - 400703.**

