



Vidya Vikas Education Society's
VIKAS COLLEGE OF ARTS, SCIENCE & COMMERCE
Affiliated to University of Mumbai
ISO 9001:2015 CERTIFIED



Department of BVOC MLT

TYBVOC MLT

PROJECT DISSERTATION REPORT A.Y.2018-19 TO 2022-23

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1) Professional Training Report A.Y. 2018-19

Vidya Vikas Education Society's
Vikas College of Arts, Science & Commerce
Department of BVOC MLT
PROJECT DISSERTATION REPORT FOR THE A.Y. 2018-19

A) Programme Name : BVOC MLT (TYBVOC MLT)

B) Programme Code: ISO1913

C) Semester VI

D) Name of the Course that include experiential Learning through Project:

E) Course Code : BMLT 307

F) Project Work Course Objectives

- Apply theoretical knowledge gained in coursework to practical, real-world scenarios.
- Apply problem-solving and critical thinking skills to identify, analyze, and resolve challenges encountered during the project work.
- Evaluate and interpret experimental results critically, drawing meaningful conclusions and implications based on the findings.

G) Course outcomes of the Project work

- ❖ Upon successful completion of the program, learners will be able to
 - To Understand the proficiency in conducting literature reviews, formulating research questions, and designing methodologies relevant to the field of medical laboratory science.
 - Will acquire and demonstrate proficiency in utilizing specialized laboratory techniques, instruments, and equipment relevant to their chosen project topic.
 - Will apply critical thinking skills to evaluate experimental results, identify potential issues or limitations, and propose solutions to research challenges encountered during the project
 - Will apply innovative thinking and creativity in addressing research questions, designing experiments, and exploring novel approaches to solving scientific problems


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H) List of Project Work of TYMLT students
A.Y.2018-2019 (November 2018- February 2019)

Roll no	Name of the student	Project Name
1812143901	ANSARI SHARINA FIROZ	Study, Survey & Analysis of Needle stick injuries among healthcare workers at the tertiary care hospital.
1812143902	ARALIMAR MAMTA SHIVANAND	Corelation of vitamin B12 with Haemoglobin and Vitamin D3with Calcium in adult.
1812143903	CARVALHO FIONA MATEUS	Hypothyroidism, Analysis on age and gender and its corelation with Uric acid, Cholestrol and Vitamin B12.
1812143904	CHAVAHAN PRADIP RASAL	Sickle cell diseases in ANC and childrens in tribal area.
1812143905	DHANAIT BHAGYASHRI RAMDAS	Cardiac biomarkersfor management of acute Coronary disease.
1812143906	DHARAM KAJAL RAJENDRA GHUGARE PRANALI CHANDRAKANT	Dengue: It's effects on platelets and correlation with SGOT and SGPT.
1812143907		Study of HepatitisA& B virus, Bilirubin, SGOT, SGPT in adults suffering from liver related diseases.
1812143908	GODE PRANALI TUKARAM	Detection of analysis of tuberculosis by Zeil Nelson staining method.
1812143909	GUPTA KANCHAN BHARATLAL	Diagnosis of Lipid profile related to heart diseases.
1812143910	GUPTA POOJA BADRIPRASAD	Diagnosis of Tuberculosis, Meningitidis is made by analyzing CSF collected by Lumbar Punctures.
1812143911	GUPTA SUPRIYA RAMSHISH	A Clinical study of reliability of fine needle aspiration cytology as a diagnosis tool in Lymphadenopathy.
1812143912	INGALE TRUPTI MADHAV	Corelation of Pertal hypertension & disease of hepatic origin by analysis of Ascitic fluid using biochemical cytological proc
1812143913	KAMBALE SHUBHAM JEEVAN	Diabetes Melitus: Its causes, effects diagnosis and prevention.
1812143914	KARANDE AASHA BHASKAR	Analysis of different liver disorders by Liver function test.
1812143915	KHAN SAUD AMIR	Seroprevalence of HBV and HCV Coinfection in HIV infected patients.
1812143916	MANSURI RUBY BANO IQBAL AHMED	Implementation of NACO guidelines of HIV testing in medical college and tertiary care hospital & its Quality control.
1812143917	PAL RAHUL JOKHANLAL	Physical, Chemical and microscopic examination of urine samples.
1812143918	PATIL CHAITALI JANARDHAN	Detection of Jaundice disease using biochemical tests.
1812143919	PASI ROSHNI RAMGULAM	Study of UTI in tertiary care hospital.
1812143920	RALE ADESH ANANT	Detection of Typhoid and paratyphoid fever.
1812143921	SAROJ KOMAL GOPAL	Utility of concentrtrtion techniques for diagnosis of internal parasitic ova in comparison to conventional method
1812143922	SHAIKH FATIMA BEGUM MOHM.	Role of geneexpert in detection of tuberculosis.
1812143923	SHAIKH JAVERIYA SALIM	Study of diagnosis of Kidney disorder of Hba1c BY BIORAD D10 Hba1c AUTOANALYZER INSTRUMENT
1812143924	SHAIKH MOSINA MOHIUDDIN SHAIKH ZOHA BANO ABDUL KHALIQ	Analysis of serological tests used in laboratory for diagnosis of syphilis
1812143925		Determination of serum electrolyte by Flame photometer.
1812143926	CHAVAN LAXMI PRADIP	Analysis of Semen sample and find out their different disease.


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I) Duration of the Project work (As Prescribed by the University)

TYBVOC MLT -90 Days

J) Evaluation Pattern Prescribed by the University

1. Students would undertake a project for 3 months during the Semester VI
2. The project should include the case study or the survey report.
3. The project would be the part of Practical Examination conducted by the University of Mumbai at Semester VI.
5. Assessment of the project should be during Practical Examination at Semester VI. Out of Total marks of 200, Assessment to be done by the External Examiner during Practical Examination.

K) Certificates of the Learners received to learners from the pathology laboratory / Hospitals


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HOLY SPIRIT HOSPITAL
Mahakali Road, Andheri (East), Mumbai - 400 093, India
Tel.: 2824 8500 - 04 Fax : 0091-22-2822 1430
E-mail: hsh@holyspirthospital.org Website: www.holyspirthospital.org



4th March 2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Fiona Carvalho has successfully completed her internship of three months in the Department of Laboratory at Holy Spirit Hospital, from 1st December 2018 to 4th March 2019.

She has taken keen interest in observing and learning the functioning of the Departments - Haematology, Biochemistry, Immunochemistry, Microbiology, Clinical Pathology, Histopathology & Blood Bank,

I wish her all success in her future endeavours.

Dr. Jyoti Agnihotri
Con. Pathologist
MD- Path

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AARATI DIAGNOSTIC CENTRE
 Mulund (W), Mumbai - 400 080. Tel. : 2561 4787 / 25610472 / 86550 63450
 sushillabmulund@gmail.com
 Emergency : 9167433440 (Home Visit)

SUSHIL PATH LAB
 Kajal Dharam
 Poll no 6

- 3, Darvenkur, opp. Kishan Nagar Ground, Kishan Nagar 1, Wagle Estate, Thane - 400 604 •Tel : 2582 4218 / 86551 74075
- 115, Hallmark, 1st Floor, Vasant Oscar, Mulund (West), Mumbai - 400 080. •Tel : 86550 30578
- 12, Bhaktidham Shree Nagar, Wagle Estate, Thane - 400 604. •Tel : 2583 3839

Dated: 05/03/2019

TO WHOMSOEVER IT MAY CONCERN,

This is to confirm that Miss. Kajal Rajendra Dharam has been trained at this Laboratory from 1st. December, 2018 to 03rd March, 2019 (for a period of three months).

She has worked in Phlebotomy section, Clinical Section, Haematology section, Biochemistry section and Immunology section.

She has grasped good Knowledge in working with Laboratory equipments and samples. She is extremely detail oriented with keen sense of understanding of working with automated Lab. Equipment. She has successfully completed her training during this tenure.

We wish her the best of future to her.

For, Sushil Path. Lab.

Dr. Suneet S. Singh. MD(Path.) Reg. No: 2015010263.



Checked by:

DR. ANIL K. RAMDAS Regd. No. 76974 M.D. (Path) (TATA HOSP.)

DR. SUNEET S. SINGH Regd. No. 2015010263 M.D. Path (Mum)

SUSHIL N. SINGH Microbiologist

PRAGNANVS SINGH M. Sc.

7 X 24 hrs EMERGENCY Home Visit 86550 63450

* Blood Cell Count Done on Fully Automated 6 part differential Cell Counter Sysmex XN-350 & Sysmex XP-100
 * All Biochemistry Done by Fully Automated, Bio-Tecnica BT - 1500, SIGRAD D-10 & VIDAS

R=Rechecked

IN SERVICE OF HUMANITY SINCE 1986

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K] Certificates of the Learners from the Project Dissertation signed by the External Examiners



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257 83540
 Fax : 257 96196

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 RE-ACCREDITED 'A' GRADE BY NAAC (WITH CGPA 3.15)
 ISO 9001 : 2008 CERTIFIED
 Vikas High School Marg, Kannamwar Nagar No.2, Vikhroli (E), Mumbai - 400 083.

Dr. R. K. Patra
 Principal
 Email : vikascollegeprincipal@gmail.com

Hon'ble Shri. P. M. Raut
 Chairman, V. V. Edu. Society
 www.vikascollege.org

Department of B.Voc Medical Laboratory Technology

CERTIFICATE

This to certify that Ms. Komal Gopal Saroj has satisfactorily completed the research project entitled "*Utility of Concentration technique for Diagnosis of Intestinal parasites as compared to Conventional methods*" as prescribed by the University of Mumbai towards the partial fulfillment of the degree of B.Voc in Medical Laboratory Technology (M.L.T) during the academic year 2018-2019.

[Signature]
 16/6/19
 Examiner's Sign

[Signature]
 16/4/19
 Head of department
 of B.Voc MLT

[Signature]
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2) Project Dissertation Report A.Y. 2019-20

Vidya Vikas Education Society's
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Department of BVOC MLT
PROJECT DISSERTATION REPORT FOR THE A.Y. 2019-20

A) Programme Name : BVOC MLT (TYBVOC MLT)

B) Programme Code: ISO1913

C) Semester VI

D) Name of the Course that include experiential Learning through Project:

Course Code : BMLT 307

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Sr. No	Seat NO	Students name	Project Title
1	4064101	GULNAZ MOHD ABDUL AZIZ	Methicillin Resistance Staphylococcus Aureus
2	4064102	SABNOOR JAHAN MOHD ABDUL AZIZ	ANALYSIS OF CREATININE LEVEL BY 'PICRIC ACID METHOD' OF RENAL DISORDER PATIENTS
3	4064103	ACHAREKAR KAVITA CHANDRAKANT	Study of correlation between cervical pap smear and cervical biopsy for diagnosis of malignancy
4	4064104	ANSARI KASHISH MOHD ILIYAS	Correlation between HbA1c and lipid profile in routine health checkup patients
5	4064105	BANDKAR RAKSHA RAMDAS	A study on isolation of different types of bacteria from pus and antibiotic susceptibility patterns.
6	4064106	BEDLANI ALISHA DHARAM	"Immunoturbidometry method, Principle, turbidity method in Hb1Ac
7	4064107	BHUSARA KISHORI JAYRAM	Positivity of blood cultures in adults and children's : A perspective on possible bloodstream infections
8	4064108	DABHOLKAR SAYALI SURYAKANT	Determination of reticulocyte count in anemic patient
9	4064109	SHUBHANGI BALLU DERE	To study of Ketouria in Diabetes mellitus
10	4064110	DUBEY SHRADDHA NARENDRA KUMAR	ANC: The complication of haemoglobin during pregnancy.
11	4064111	GADDE DIPALI VISHNU	Hemoglobin status in children a demographic study
12	4064112	GANGURDE AAKANKSHA SHARAD	CORRELATION WITH DENGUE IPF, PLATELET & P-LCR
13	4064113	GHADAGE KSHITUA RAMESH	PREVALENCE OF IRON DEFICIENCY ANEMIA
14	4064114	GOSAR KRUTI RIKHABCHAND	The study of Chronic Kidney Disease and its correlation with Clinical and Biochemical Parameters
15	4064115	HANDE YOGESH RAMCHANDRA	Haematological abnormalities in cirrhosis of liver
16	4064116	KAMBLE DIPALEE DINESH	These test done for diabetes to see 3 month control diabetes Or not And how many problems are created high level in Hba1c
17	4064117	KANAL TEJASVI DATTARAM	To study of 24 HOURS URINARY PROTEIN IN RENAL DISEASE
18	4064118	KHAN NAZIYA ABDUL RAQUEEB	Glucose tolerance test in pregnant women.
19	4064119	KHAN SABIRAH AFZAL	Determination of Arthritis in adult and children.
20	4064120	KHAN SAYMA BANO SALIM	Biomarkers in sepsis and their correlation with blood culture.
21	4064121	KOLE VINANTI DHANAJI	COMPARISON OF HEMOGLOBIN ESTIMATION BY SAHLI'S METHODS AND AUTOMATED ANALYZER METHOD
22	4064122	KURTADKAR PRANALI PARSHURAM	DENGUE NS1 CORRELATE BY PLATELETS ,DETERMINATION OF DENGUE NS1 CORRELATE BY PLATELETS
23	4064123	LOMATE RUPALI TANAJI	urine analysis : the normal and abnormalities study of urine specimen and diagnostic tests and procedures.
24	4064124	ARUP ARUN MANDAL	SWINEFLU A DEMOGRAPHIC COMPARITIVE STUDY IN SUBURBS OF KALYAN BETWEEN PEDIATRIC & ADULTS
25	4064125	MANSOORI RUMMAN SHAGOOFA MUSHTAQ AHMED	Importance of peripheral blood smear in Anemia.
26	4064126	MAURYA SHWETA VIJAY	Study of Thyroid Function Abnormality in Patient with Chronic Kidney Disease
27	4064127	PARHAD PRATIKSHA KISAN	DETECTION OF PROSTATIC CANCER BY PROSTATE SPECIFIC ANTIGEN TEST (PSA) AND PROSTATE BIOPSY
28	4064128	PATEL RIDDHI RAVILAL	To study various type of bacteria and it's pathogenicity and antibiotic susceptibility pattern found in wound swab
29	4064129	SASMAL CHANDRA ASHOK	DETERMINATION OF UTI INFECTION CORRELATED WITH DIABETES


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30	4064130	SHAIKH SAIF ALI MURAD ALI	ABSENT
31	4064131	SHAIKH SHUMAILA BANO EJAZ AHMED	Comparison of Urine culture and urine nitrite test in diagnosis of UTI.
32	4064132	SHEVKAR SHWETA SURESH	the pregnancy-induced hypertension and complications of pregnancy in high blood pressure. (pih)
33	4064133	THAKARE JAYSHREE SANJAY	TO DETERMINE THE PREVALENCE OF HYPERPROLACTINEMIA IN HYPOTHYROID FEMALE PATIENTS
34	4064134	TIWARI SIMRAN RAMESH	nutritional anaemia: analysis on age and gender and correlation of peripheral smear findings with biochemical and immunological parameters
35	4064135	TANAY TIWARI	Uric acid Chemistry
36	4064136	UPADHYAY NAVNEET RAJESH	CLINICO PATHOLOGICAL CORRELATION OF MYOCARDIAL INFARCTION WITH CARDIAC MARKER
37	4064137	VISHWAKARMA POOJA CHHEDILAL PREMSHILA	Antimicrobial Susceptibility Pattern of urine culture isolates in a tertiary care hospital of mumbai
38	4064138	WARIK SIDDHI SUHAS	To study of Microalbuminuria in type 2 diabetes mellitus


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H) Duration of the Project work (As Prescribed by the University)

TYBVOG MLT -90 Days

I) Evaluation Pattern Prescribed by the University

1. Students would undertake a project for 3 months during the Semester VI
2. The project should include the case study or the survey report.
3. The project would be the part of Practical Examination conducted by the University of Mumbai at Semester VI.
5. Assessment of the project should be during Practical Examination at Semester VI. Out of Total marks of 200, to be done by the External Examiner during Practical Examination.

K) Certificates of the Learners from the Project Dissertation signed by the Examiners


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GODREJ MEMORIAL HOSPITAL

COMPASSIONATE CARE FOR ALL
 HEALTH & WELL BEING

01

February 18, 2020

CERTIFICATE

This is to certify that Ms. Gulnaz MD. Abdul Aziz has satisfactorily completed her Internship Study at Godrej Memorial Hospital, from November 07, 2019 to February 07, 2020.

This study was undertaken as a part of her academic fulfillment in Pathology Department.

Yours Truly,
 For Godrej Memorial Hospital

Mr. Aftab Jokhi
 Mr. Aftab Jokhi
 Manager - HR & Administration

Dr. Ashwini Pore
 Dr. Ashwini Pore
 M.D. Pathologist



Proprietor, Vikhroli (E), Mumbai - 400 079
 Tel. No. : 022 66417100 / 66417052 Fax : 022 66417053
 E-mail : hospital@godrej.com Website : www.godrejhospital.com



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 **GODREJ MEMORIAL HOSPITAL**
 COMPASSIONATE CARE FOR ALL
 (Quality & Safety Assured)

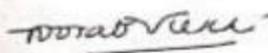
February 18, 2020

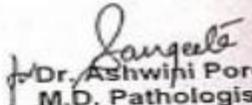
Project Completion

This is to certify that Ms. Pooja C. Vishwakarma of Vikas College of Arts, Science and Commerce has successfully completed her Project on the topic entitled "Antimicrobial Susceptibility Pattern of Urine Culture Isolates In A Tertiary Care Hospital of Mumbai" at Godrej Memorial Hospital, from November 07, 2019 to February 07, 2020.

During this project we found her hard working and sincere at her work.

Yours Truly,
 For Godrej Memorial Hospital


Mr. Aftab Jokhi
 Manager - HR & Administration


Dr. Ashwini Pore
 M.D. Pathologist





Piroshanagar, Vikhroli (E), Mumbai - 400 079.
 Tel. No. : 022 66417100 / 66417052 Fax : 022 66417053
 E-mail : hospital@godrej.com Website : www.godrejhospital.com


 Certificate No. MC 20847M 01540


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K] Certificates of the Learners from the Project Dissertation

The project report were mailed by the student to the subject teacher and were assessed during the practical exam in the form of viva-voce in online mode Microsoft teams during Covid-19 Pandemic(A.Y. 2019- 20, 2020-21) and so the certificate page of the students were not signed by the teachers.

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(Affiliated to University of Mumbai)
NAAC Re-accredited "A" Grade
Kannamwar Nagar-II, Vikhroli (East)
Mumbai-400083

CERTIFICATE

This is to certify MISS ANSARI KASHISH MOHD ILIYAS has worked and duly completed her project work for the Degree of Bachelor of Vocational in Medical Laboratory Technology under the Faculty of MLT in the subject of Project Report and project is entitled "**CORRELATION BETWEEN HbA1c AND LIPID PROFILE IN ROUTINEHEALTH CHECK UP PATIENTS**" under my supervision I further certify that the entire work has been done by learner under my guidance and that no part of it has been submitted previously for any Degree or Diploma of any University. It is own work and facts reported by his personal findings and investigations.

Examiner Sign

**Head of Department of
B.VOC MLT**

Date :

Place: Mumbai

College seal


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3) **Project Dissertation Report A.Y. 2020-21**

Vidya Vikas Education Society's
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Department of BVOC MLT
PROJECT DISSERTATION REPORT FOR THE A.Y. 2020-21

A) Programme Name : BVOC MLT (TYBVOC MLT)

B) Programme Code: ISO1913

TYBVOC MLT Semester VI

C) Name of the Course that include experiential Learning through Project:

Course Code : BMLT 307

D) Project Work Course Objectives

- Apply theoretical knowledge gained in coursework to practical, real-world scenarios.
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F) List of Learners and Project Titles :

TYBVOC MLT - A.Y. 2020-2021

Sr. No.	Roll No.	Students Name	Project Name
1	2012143901	Rohit Suresh badekar	ANEMIA
2	2012143902	Namrata Anand Bamhane	TO STUDY THE INCIDENCE OF HEPATIC DAMAGE IN PATIENTS WITH TRAUMATIC BRAIN INJURY AND MUSCLE INJURY.
3	2012143903	Siddhi Balkrishna Bhogale	TO DETERMINE THE DIFFERENT TYPES OF THE TUMOUR BY HISTOLOGICAL
4	2012143904	Saroj Santosh Bobhate	THE CORELESION BETWEEN THE DIABETES AND CARDIOVASCULAR DISEASE (CVD)
5	2012143905	Kiran suryabhan chauhan	TO DETERMINE THE SEROLOGICAL TESTING FOR HEPATITIS B AND HEPATITIS C INFECTION
6	2012143906	Pooja jogendra chauhan	TO STUDY THE DIABETES AND CLASSIFICATION OF DIABETES.
7	2012143907	Joshna Bhagaram Choudhary	STUDY ON SEROPREVALANCE OF COVID IgG AMONG HELATH CARE WORKERS.
8	2012143908	Priyadarshana bhara gaikwad	URINE ANALYSIS: THE NORMAL AND ABNORMALITIES STUDY OF URINESPECIMEN ANDDIAGNOSTIC TESTS ANDPROCEDURES.
9	2012143909	Komal chandrakant gawade	TO DETERMINE THE EFFECT OF AGE ON LIVER PROFILETEST
10	2012143910	Aakansha Anil Ghogashe	A STUDY OF SERUM ELECTROLYTE LEVEL AND LIPID PROFILE IN CHRONI TYPE 2 DIABETES MELLITUS
11	2012143911	Ashwini Dilip Ghonge	TO STUDY THE DETERMINATION OF PREVALENCE OF HYPERLIPIDEMIA IN DIABETIC PATIENTS [TYPE 2 DIABETES (NON INSULIN DEPENDENT)]
12	2012143912	Mayuri janardan gote	TO ESTIMATE THE PREVALENCE OF TYPHOID DISEASEWITH THE HELP OF WIDAL TEST
13	2012143913	Jennifer Alish Gunda	TO DETERMINE THE PREVALANCE OF THE POSITIVE ER/PR AND HER2 IN CANCER PATIENTS
14	2012143914	Ankita subhash gupta	TO DETERMINE THE JAUNDICE IN BLOOD OF THE PATIENTS
15	2012143915	Pallavi maruti kale	TO DETERMINE THE PREVALENCE OF URINARY TRACT INFECTION IN PATIENTS BOTH FEMALE AND MALE
16	2012143916	Sandesh Ashok Kharat	COMPARISON OF HEMOGLOBIN ESTIMATION BY SAHLI'S METHODS AND AUTOMATED ANALYZER METHOD
17	2012143917	Ashwini rajeshwar landge	TO STUDY INCREASE LEVEL OF LIPID PROFILE IN PREGNANT WOMEN
18	2012143918	Rahul Sanjay Lavhande	TO DETERMINE THE PREVALENCE OF AMYLASE ANDLIPASE AMONG THE PATIENT WITH LIVER CHRONIC DISORDER AND PANCREATITIS
19	2012143919	Sushant Pandurang Mali	THE PREGNANCY-INDUCED HYPER TENSION AND COMPLICATIONS OF PREGNANCY IN HIGH BLOOD PRESSURE.(PIH)
20	2012143920	Akshata lomharsh more	TO DETERMINE THE PREVALENCE OF MALARIA IN PREGNANCY IN FEMALE PATIENTS


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21	2012143921	Sapana Shivaram Musale	To DETERMINE THE PREVELENCE OF HYPERGLYCEMIA IN HYPERTENSION PATIENT.
22	2012143922	Rohini Deepak Nake	STUDY ON DIABETICE NEPHROPATHY
23	2012143923	Urvashi Vinod Ojha	TO DETERMINE THE PREVALENC OF THYROID IN POLYCYSTIC OVARY SYNDROME FEMALE PATIENTS
24	2012143924	Aishwarya ravindra padave	PREVALENC OF IRON DEFICIENCY ANAEMIA AMONG ANEMIC PATIENTS
25	2012143925	Parth Vinod Parekh	TO DETERMINE THE PREVELANCE OF WIDAL TEST IN TYPHOID patients
26	2012143926	Manasi Nitin Patil	TO DETERMINE THE ROLE OF URIC ACID IN RENAL FUNCTION
27	2012143927	Shwetali Prakash Pawar	TO DETERMINE SERUM CREATININ LEVEL IN HYPERTENSIVE PATIENT
28	2012143928	Qureshi Suhela Nasir	IMPACT OF DENGUE & ITS RELATION TO THROMBOCYTE & Liver enzyme
29	2012143929	Ayuti suresh sankhe	STUDIES OF DIABETIC TYPE 1 AND TYPE 2.
30	2012143930	Shrutika sanjay sapkal	STUDY OF HIV(AIDS)
31	2012143931	Sayyed Naimunnisa Vajuddin	IMPACT OF MALARIA AND ITS RELATION TO THROMBOCYTE AND LIVER ENZYMES
32	2012143932	Dhruvi Paresh Shah	PREVALENC OF JUVENILE IDIOPATHIC ARTHRITIS IN ARTHRITIS PATIENTS
33	2012143933	Shashank Suresh singh	RETROSPECTIVE STUDY TO ANALYZE CORRELATION BETWEEN MYOCARDIAL NECROSIS MARKERS: TROPONIN I AND CK MB
34	2012143934	Pooja Balu Tapase	TO STUDY THE RENAL FUNCTION AND RELATED KIDNEY DISEASES.
35	2012143935	Sayali Deepak Tatkare	TO DETERMINE THE LIPID PROFILE AND IT'S RELATION OF CARDIAC Disorders
36	2012143936	Manoj Babu Thorat	TO ESTIMATE THE PREVALENC OF LOWER URINARY TRACT INFECTION IN URINARY TRACT INFECTION PATIENT
37	2012143937	Priya Akhilesh Tiwari	TO PREVALANCE OF HAEMOGLOBIN LEVEL IN DIFFERENT AGE GROUPS
38	2012143938	Prajakta Milind yadav	TO DETERMINE THE PREVALENC OF ANEMIA IN PREGNANT WOMEN
39	2012143939	Yadav sareeta Radheshyam	THE CORELESION BETWEEN THE DIABETES AND HEART DISEASES
40	2012143940	Shraya Sheshnath Yadav	TO STUDY THE PREVALENC OF "INVITRO FERTILIZATION IN DETAIL WITH ITS COURSE OF PROCESS"
41	2012143941	Yadav shweta radheshyam	URINE ANALYSIS : THE NORMAL AND ABNORMALITIES STUDY OF URINE SPECIMEN AND DIAGNOSTIC TESTS AND PROCEDURES.


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G) Duration of the Project work (As Prescribed by the University)
 TYBVOC MLT -30 Days (Due to Covid-19 Pandemic)

H) Evaluation Pattern Prescribed by the University
 TYBVOC MLT SEMESTER VI

1. Students would undertake a project for 1 months during the Semester VI
2. The project should include the case study or the survey report.
3. The project would be the part of Practical Examination conducted by the University of Mumbai at Semester VI.
5. Assessment of the project should be during Practical Examination at Semester VI. Out of Total marks of 200, to be done by the External Examiner during Practical Examination.

K] Certificates of the Learners from the Project Dissertation signed by the Examiners

MOB. : 9167643963

LIFE CARE PATHOLOGY LAB
 Near Saibaba Mandir, Sambhaji Chowk New MID Road, Kurla (W), Mumbai - 400 070 • E-mail : lifecarepathologylab37@gmail.com

TRAINING CERTIFICATE

MARCH 20, 2021

TO WHOMSOEVER IT MAY CONCERN

THIS IS TO CERTIFY THAT MISS. AAKANSHA ANIL GHOGASHE STUDENT OF B. VOC MLT, VIKAS COLLEGE OF ARTS, SCIENCE & COMMERCE HAS SUCCESSFULLY COMPLETED HER INTERNSHIP WITH OUR ORGANIZATION IN BELOW MENTIONED AREAS DURING THE PERIOD FROM FEBRUARY 20, 2021 TO MARCH 19, 2021.

- CLINICAL PATHOLOGY
- BIOCHEMISTRY
- HEMATOLOGY
- SEROLOGY
- MICROBIOLOGY
- PHLEBOTOMY

DURING THE PERIOD THE COMPANY FOUND HER PERFORMANCE TO BE GOOD. SHE HAS DEMONSTRATED A POSITIVE ATTITUDE TOWARDS LEARNING. WE WISH HER THE VERY BEST IN ALL HER FUTURE ENDEAVOUR.

FROM, LIFE CARE PATHOLOGY LAB

[Signature]
LIFE CARE PATHOLOGY LAB
 Near Saibaba Mandir, Sambhaji Chowk,
 New MID Road, Kurla (W), Mumbai-400070.
 MOB: 9167643963

Checked by: *[Signature]* **Chandra Sasmal**
 DMLT B. Sc. MLT

[Signature]
Dr. S. B. Patel (M. D. Path.)
 Consulting Pathologist

Fast | Accurate | Affordable
 Facilities : Computerised Pathology / Complete Body Checkup / ECG / Home Visit

[Signature]
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K] Certificates of the Learners from the Project Dissertation

The project report were mailed by the student to the subject teacher and were assessed during the practical exam in the form of viva-voce in online mode Microsoft teams during Covid-19 Pandemic(A.Y. 2020-21) and so the certificate page of the students were not signed by the teachers.

Vidya Vikas Education Society's
(Affiliated to University of Mumbai)
NAAC Re- accredited "A" Grade
Kannamwar Nagar- II, Vikhroli (East)
Mumbai-400083

CERTIFICATE

This is to certify **Miss Sapana Musale** has worked and duly completed her project work for the degree of Bachelor of Vocational in Medical Laboratory Technology under the faculty of MLT in the subject of Project report and the project entitled " **To determine the prevalence of Hyperglycemia in Hypertension patient**" under my supervision. I further certify that the entire work has been done by the learner under my guidance and that no part of it has been submitted previously for any degree or Diploma of any University. It is own work and facts reported by the personal findings and Investigations.

Examiner Sign

Head of the Department
BVOC MLT

Date:

Place : Mumbai

College Seal


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4) **Project Dissertation report A.Y. 2021-22**

Vidya Vikas Education Society's
Vikas College of Arts, Science & Commerce
Department of BVOC MLT
PROJECT DISSERTATION REPORT FOR THE A.Y. 2021-22

A) Programme Name : BVOC MLT (TYBVOC MLT)

B) Programme Code: ISO1913 TYBVOC MLT Semester VI,

C) Name of the Course that include experiential Learning through Project:

Course Code : BMLT 307- TYBVOC MLT

D) Project Work Course Objectives

- Apply theoretical knowledge gained in coursework to practical, real-world scenarios.
- Apply problem-solving and critical thinking skills to identify, analyze, and resolve challenges encountered during the project work.
- Evaluate and interpret experimental results critically, drawing meaningful conclusions and implications based on the findings.

E) Course outcomes of the Project work

- ❖ Upon successful completion of the program, learners will be able to
 - To Understand the proficiency in conducting literature reviews, formulating research questions, and designing methodologies relevant to the field of medical laboratory science.
 - Will acquire and demonstrate proficiency in utilizing specialized laboratory techniques, instruments, and equipment relevant to their chosen project topic.
 - Will apply critical thinking skills to evaluate experimental results, identify potential issues or limitations, and propose solutions to research challenges encountered during the project
 - Will apply innovative thinking and creativity in addressing research questions, designing experiments, and exploring novel approaches to solving scientific problems


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F) List of Learners and Project Titles :

Roll number	Students full name	Project Title
2112143901	Rajashri Shankar Alagi	Examine the C Reactive Protein (CRP) response in patients with COVID-19 and Gauge the Severity of the Disease.
2112143902	Aishwarya Hareshsh Babar	To determine prevalence of widal test in typhoid patient
2112143903	Avantika Haresh Babar	Purpose of ANA in rheumatic arthritis
2112143904	Hrutuja Santosh Bait	To determine the effect of blood transfusion in thalassemia patient
2112143905	Pranita Raghunath Bebart	Histopathological analysis of appendectomy specimen
2112143906	Saima Chaudhary	Estimate the rate of Hepatitis-B surface antigen
2112143907	Chikane Shraddha Sampat	Determination and Evaluation of the levels of Lipid Panel in Diabetic patients.
2112143908	Shifa Fatima Rafique Chougale	To evaluate the values of SGOT/SGPT and their ratio
2112143909	Iram farooqui	To study cardiac markers
2112143910	Rutuja Ankush Gaikwad	Comparative study of lipid profile and serum electrolytes in diabetic patients
2112143911	Shruti pandurang gaikwad	Imbalance of hormones
2112143912	Ravina Rajan Gawade	To Determine The Lipid profile and its relation with cardiac disorders
2112143913	Diptee Suryakant Ghodgekar	A comparison of hba1c and fasting blood sugar test in the patients with diabetes mellitus
2112143914	Kapila Arun Gurav	To detect bone cancer
2112143915	Roshni Deepak Jadhav	Evaluating the rate of hepatitis A, B, C infection in patients serum
2112143916	Shardul Mahendra Karanjekar	Detection And Analysis Of Vitamin A, E & C
2112143917	Durga sagar khadka	To determine fasting blood sugar analysis and blood sugar regulation in diabetic patient
2112143918	Sabina Kamiruddin Khan	Use of Glycated Haemoglobin (HbA1c) in the Diagnosis of Diabetes Mellitus
2112143919	Khan shifa moeed	Estimation of bilirubin level in infants
2112143920	Pinki kushwaha	Detail study about corona virus
2112143921	Mandal Papiya Sanatan	Prevalence of Rheumatoid factor test in Rheumatoid arthritis patients serum
2112143922	Aditi bharat mane	Determine the Montoux test in tb (tuberculosis) of patient
2112143923	Ruchita naik	Comparative study of enzyme level (sgot, sgpt and alp) between male female and different age group
2112143924	Pooja Bhawaniprasad Nishad	COMPARISON OF HEMOGLOBIN ESTIMATION
2112143925	Snehal Sanjay Parab	Detection and analysis of urinary tract infection by urinalysis and urine culture
2112143926	Sahil Suresh Pawar	Screening of Diabetic Nephropathy by HbA1c analyzer technique and renal function test (RFT)
2112143927	Kirti Nityanand Prabhu	To determine the CBC and creatinine level in breast cancer patient and determine the effect of chemotherapy and drugs
2112143928	Neelam sumer prajapati	Diagnostic importance, causes of high and low Electrolyte
2112143929	Anisha ravindra Prasad	Internship certificate
2112143930	Harshada Anand Punugade	To Determine the Creatinine, Uric Acid and Blood Urea/ BUN level in chronic kidney disorder.
2112143931	Farheen qureshi	Determination of liver disorder by liver function test
2112143932	Muskan sharif mohammad rangtez	Testing of urine sample
2112143933	Sangeeta shah	To determine the prevalence of widal test in typhoid patients
2112143934	Sayyed mahesh fatima	Detection and analysis of typhoid disease by widal test


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	shahensha	
2112143935	Abu osama abu sufiyan shaikh	Estimation of electrolyte and urea level in pregnant women
2112143936	Shaikh Iqra Mohd Zubair	Evaluation of lipid profile
2112143937	Shaikh Rahila Mohd. Rafique	Evaluation of Hormonal Imbalance in PCOS
2112143938	Ms. Sakshi Ashok Shinde	Role of Tumor marker CA-125 and Complete blood count levels in Ovarian Cancer
2112143939	Siddiqui Aamrin Azaz Ahmad	Internship report
2112143940	Priya Singh	"PREVALENCE OF THYROID DYSFUNCTION IN DIABETIC PATIENTS"
2112143941	Pooja Dilip Suryawanshi	Prevalence of iron deficiency Anemia
2112143942	Shrikant Sanjay Tupe	Histopathological analysis of 20 gall bladder specimen
2112143943	Sonu devtadin varma	detection & analysis of thyroid disorder by (radio immunoassay) technique
2112143944	Virkud Karina Liladhar	Analysis of urine to detect specific body condition
2112143945	Indu mohanlal yadav	To determine the kidney disorder by evaluating the value of creatinine bun and correlation with the sugar
2112143946	Tejas nivas yadav	COORELATION ODF SERUM URIC ACID WITH RENEAL FUNCTION PARAMETER IN PREECLAMPSIA

G) Duration of the Project work

TYBVOC MLT -90 Days

H) Evaluation Pattern Prescribed by the University for TYBVOC MLT

1. Students would undertake a project for 3 months during the Semester VI
2. The project should include the case study or the survey report for TYBVOC MLT Case study or survey report in the Laboratory.
3. The project would be the part of Practical Examination conducted by the University of Mumbai at Semester VI.
4. Assessment of the project should be during Practical Examination at Semester VI. Out of Total marks of 200, Assessment is done by the External Examiner during Practical Examination.
5. Student shall carry out the project work in consultation with faculty and industrial partner organizations. (Project work done by the student will be included in this semester for 200 marks)

I] Certificates of the Learners received from the Pathology Laboratory OR Hospitals


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Aarogya-Chintan

Diagnostic & Blood Collection Centre

100, S.P. Compound, Near M.D. College, Opp. Kadar Garage, Parel, Mumbai-400 012.
 E-Ward, Parkhurst Nagar, Behind Ringston Tower, G.D. Ambekar Marg, Katschowli, Mumbai-400 033.
 Contact Nos. - 80308 30 093 / 92891 23 349

HOME VISITS AVAILABLE

Centre - Mon to Sat: 6:00 am to 6:00 pm, Sundays: 9:00 am to 12:00 pm

Project Completion

To Whom it may concern

This is to Certify That Miss. Aishwarya Haresh Babar student of Vikas College OF Arts ,Science and Commerce has successfully completed her project on the Topic entitled " To Determine the Prevalence in Typhoid Patient. " at Aarogya Chintan Diagnostic and Blood Collection Center.

During this project we found her Hard working, sincere.at her work.

I wish her good success and best luck in Future.

Lab. Incharge

Sayerb

AAROGYA CHINTAN DIAGNOSTIC CENTRE

100, S. P. Compound, Near Kadar Garage
 Opp. M. D. College, Behind Gopal Hospital
 Parel, Mumbai - 400 012.

Dr. Jayesh J. Parmar

Sample Run at :



Medi Sure

ISO 9001 : 2008 CERTIFIED LAB.
 Specialist Pathology Centre



[Signature]
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BRIHANMUMBAI MAHANAGARPALIKA
L.T.M.M.C AND GENERAL HOSPITAL, SION, MUMBAI-22.
Department of pathology

Date-28/02/2022

PROJECT COMPLETION CERTIFICATE

This is to certify that Miss, Hrutuja Santosh Bait of Vikas College of Arts, Science and Commerce has successfully completed her project on the topic entitled "To determine the prevalence effect of blood transfusion in thalassemia patient at Lokmanya Tilak Sion Hospital from 24 November 2021 to 24 February 2022.

During this project we found her hard working and sincere at her work.

AD. Amarnath
28/2/22
Professor & head,
Department of Pathology,
LTMMC & LTMGH,
SION, MUMBAI-22.

Principal
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JJ Certificates of the Learners from the Project Dissertation signed by the Examiners

TYBVOOC MLT Semester -VI

Phone : 2578 4267
2578 3540
Fax : 2579 6196

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 (Affiliated to University of Mumbai)
 (NAAC RE-ACCREDITED "A" GRADE)
 Vikas High School Road, Kannamwar Nagar - 2, Vikhroli (East), Mumbai - 400083

Dr. Ranjan Kumar Patra Principal	Hon'ble Shri. P. M. Raut Chairman - V.V.E.S
Email : vikascollege1986@yahoo.com	www.vikascollege.org

Department of B.Voc Medical Laboratory Technology

CERTIFICATE

This is to certify that Ms. Shaikh Iqra has satisfactorily completed the research project entitled "*Evaluation of Lipid profile*" as prescribed by the University of Mumbai towards the partial fulfillment of the degree of B. Voc in Medical Laboratory Technology (M.L.T) during the Academic year 2021-2022.



Examined
Avia
04/04/2022
 Examiner's Signature

MAO Savant
 Head of department
 BVOC MLT


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5) Project Dissertation Report A.Y. 2022-23

Vidya Vikas Education Society's
Vikas College of Arts, Science & Commerce
Department of BVOC MLT
PROJECT DISSERTATION REPORT FOR THE A.Y. 2022-23

- A) Programme Name : BVOC MLT (TYBVOC MLT)
- B) Programme Code: ISO1913 TYBVOC MLT Semester VI,
- C) Name of the Course that include experiential Learning through Project:

Course Code : BMLT 307- TYBVOC MLT

D) Project Work Course Objectives

- Apply theoretical knowledge gained in coursework to practical, real-world scenarios.
- Apply problem-solving and critical thinking skills to identify, analyze, and resolve challenges encountered during the project work.
- Evaluate and interpret experimental results critically, drawing meaningful conclusions and implications based on the findings.

E) Course outcomes of the Project work

- ❖ Upon successful completion of the program, learners will be able to
 - To Understand the proficiency in conducting literature reviews, formulating research questions, and designing methodologies relevant to the field of medical laboratory science.
 - Will acquire and demonstrate proficiency in utilizing specialized laboratory techniques, instruments, and equipment relevant to their chosen project topic.
 - Will apply critical thinking skills to evaluate experimental results, identify potential issues or limitations, and propose solutions to research challenges encountered during the project
 - Will apply innovative thinking and creativity in addressing research questions, designing experiments, and exploring novel approaches to solving scientific problems


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F) List of Learners and Project Titles :

ROLL NO	TYBVOC MLT Students	Students projects
2212143901	ANSARI MOHAMMED FAISAL UBAIDUR REHMAN	UTILITY OF PROCALCITONIN IN DIAGNOSIS OF BACTERIAL INFECTION
2212143902	Sneha Subhash Bhat	Correlation of Parathyroid hormone in Renal failure patients
2212143903	Chandra Adhikari	MYOCARDIAL INFARCTION COMORBIDITIES AND CORELATION WITH TROPONIN I
2212143904	Prachita Ganpat Chipte	To study correlation of serum electrolyte and lipid profile in type 2 diabetes
2212143905	Tejashree Sanjay Desale	Testing of different parameters investigate in diabetes patients of various age group
2212143906	Ashwini Deokar	ABSENT
2212143907	Arpita Shantaram Garate	co-relation between liver function test in jaundice and liver disorders
2212143908	Saloni parasnath Goswami	CYTOPATHOLOGY STUDY OF CERVICAL CANCER IN FEMALE
2212143909	Siddhi Sameer Gurav	Study of thyroid hormones and correlation with age and sex
2212143910	Snehal Jadhav	Study of association of blood group with bleeding time and clotting time
2212143911	Sayali santosh kadam	To analyse the liver function tests in adult diabetes mellitus patient
2212143912	Mahadev indrajit kamble	Correlation of CD4 counts with HIV patients
2212143913	Priti Ramdheeraj kanaujiya	Correlation of body fluid routine and microscopic finding with ada level at reference laboratory
2212143914	Himali Subhash Katarnavare	Automation in Blood Banking Machanism
2212143915	KHAN MOHD AQUIB MOHD AJMAL	Coagulinopathy in hyperglycemic patients
2212143916	Chetan baburao khotare	To study of hematological parameters in malaria patients
2212143917	Aakanksha shivaji Mane	PARASITAEMIA AND ITS RELATION TO HEAMATOLOGICAL.PARAMETERS AND LIVER FUNCTION AMONG PATIENTS IN MALARIA & DENGUE
2212143918	Shradha rajendra mane	Prevalence of anemia in women's
2212143919	Saiesh Prakash Mestry	ANALYSIS OF BLOOD UNIT STORAGE, SHELF-LIFE AND THERAPY
2212143920	Ankita Mokal	ABSENT
2212143921	Momin Namira Bi Mohd usman	CAMPARISON OF RENAL FUNCTION TEST (RFT) IN CHRONIC KIDNEY DISEASE (CKD) AND DIABETES PATIENTS
2212143922	Saadiya Zainuddin Momin	Estimation of lipid profile in hypertension and diabetes patients.
2212143923	Maithili mahendra more	"BREAST CANCER KNOWLEDGE, SCREENING & SELF CARE PRACTICE OF WOMEN"
2212143924	Neha More	ABSENT
2212143925	Amisha Amit Pagare	Study of lipid profile in patiens with coronary Artery


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		disease
2212143926	Tejasvi Tushar Panchal	LABORATORY CONFIRMED H1N1 INFLUENZA AMONG HOSPITALISED CASES OF ACUTE RESPIRATORY
2212143927	Deepa Pandya	Cross Matching and transfusion reactions
2212143928	Bhavisha Pramod Parab	VARIOUS TYPES OF LEUKEMIA BY PERFORMING CYTOCHEMISTRY AND BY USING ADVIA 2120i.
2212143929	Kimaya Atmaram Patil	Study of Arterial Blood Gas Analysis and Co-relation of metabolic acidosis with Chronic Kidney Disease
2212143930	Komal tanaji patil	To study advance diagnosis of nephrolithiasis
2212143931	Sanika vikas patole	Detection of cervical cancer by pap smear
2212143932	Ruchita pawar	Diabetes Nephropathy by HbA1C
2212143933	Prajapati Priya Ramkailas	Assortment of Hemoglobinopathy detected by HPLC method at referral laboratory
2212143934	Priti Prasad	A clinical based study on hormonal abnormalities linked with the Polycystic ovarian syndrome in female patients.
2212143935	Rakesh Ravi	Evaluation of experimental methodology in arterial blood gas analysis aiming better clinical results with improved sample collection and diminished procedural errors
2212143936	Amisha Rangrez Samir Mohammad	Evaluation of Urine specimen in patients in adverse clinical conditions determining it's severity
2212143937	Mahima Shankar Sathe	PREVALENCE IRON DEFECIENY ANEMIA
2212143938	Shaikh Sadaf Naaz Mhd. Umar	Study of liver function test its liver failure
2212143939	Ashvini balu shelje	Estimation of ESR and CRP in febrile patient
2212143940	Shaikh Shifa Parveen	Exploring the pathological serum concentrations of IgE and absolute eosinophil count during allergic reactions.
2212143941	Neha vaibhav sutar	Diagnosis of lipase
2212143942	PALLAVI MANOHAR TAJNE	Prevelance of hepatitis B infections among adults.
2212143943	Kavyashree Sachinkumar upadhyay	"Study of different organisms in urine culture for urinary tract infection"
2212143944	Gauri Valanju	Clinical examination of blood variables on dengue patients exploring their pathophysiological state
2212143945	Ankita Wagmhode	Evaluation of Urine specimen in patients in adverse clinical conditions determining it's severity

A) Duration of the Project work
TYBVOC MLT -90 Days


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B) Evaluation Pattern Prescribed by the University for TYBVOC MLT and MVOC MLT

- 1) . Students would undertake a project for 3 months during the Semester VI
2. The project should include the case study or the survey report for TYBVOC MLT Case study or survey report in the Laboratory.
3. The project would be the part of Practical Examination conducted by the University of Mumbai at Semester VI .
4. Assessment of the project should be during Practical Examination at Semester VI. Out of Total marks of 200, Assessment is done by the External Examiner during Practical Examination.
5. Student shall carry out the project work in consultation with faculty and industrial partner organizations. (Project work done by the student will be included in this semester for 200 marks

I] Certificates of the Learners received from the Pathology Laboratory OR Hospitals

TYBVOC MLT


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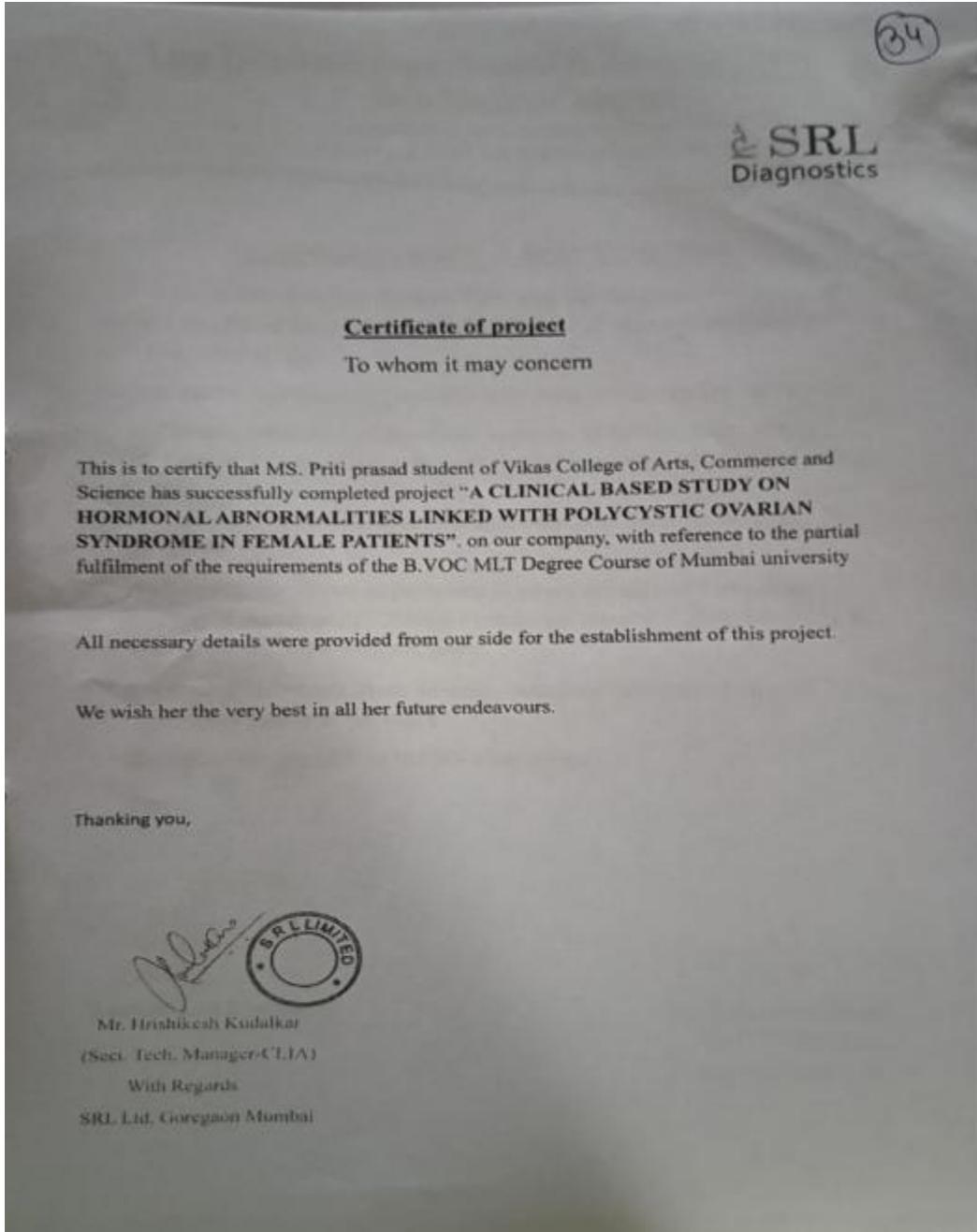
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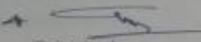
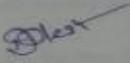
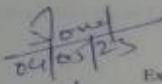
J] Certificates of the Learners from the Project Dissertation signed by the Examiners

TYBVOG MLT Semester -VI

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CERTIFICATE

This is to certify **Mr. Mahadev Indrajit Kamble** has worked and duly completed his project work for the Degree of Bachelor in Vocational Medical Laboratory Technology under the faculty of MLT in the subject of Project Report and his project is entitled "**Correlation of CD4 count with HIV positive patient.**" under my supervision. I further certify that the entire work has been done by learner under my guidance and that no part of it has been submitted previously for any Degree or Diploma of any University. It is own work and facts reported by his personal findings and investigations.

 Co-ordinator (Prof. Mr. Vikas Raut)	 Principal (Dr. R.K. Patra)
 Project Guide (Mrs. Deepika Mestry)	 External Examiner <i>Examined</i>

Date: _____
 Place: _____


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