



YENEPLOYA

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5.1.2 Institutional Implements a variety of capability enhancement and other skill development scheme

Detailed report of the Capacity enhancement programs and skill development schemes

4. Analytical skill development

INDEX

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Yenepoya (Deemed to be University)

Summary sheet of the Analytical Skill development programs from 2016-2021

Sl. No.	Year	No. of Programs	No. of participants
1	2020-2021	03	130
2	2019-2020	06	416
3	2018-2019	04	170
4	2017-2018	03	178
5	2016-2017	01	15

List of the Analytical skill development programs from 2016 - 2021

Sl. No	Year of implementation	Name of the program	Number of students enrolled	Page No
2020-21				
1.	2020-21	Guest Lecture (online) on “ Stem cell Banking” by Dr.Zulfikar Ahmed Blood Bank Officer Government Wenlock District Hospital Mangalore.	50	8-12
2.	2020-21	Epithychia- Orientation Program of MDS Course. Basics in Research Methodology Workshop	40	13-19
3.	2020-21	Epithychia- Orientation Program of MDS Course. Basics in Research Methodology Workshop	40	20-33
2019-20				
1.	2019-20	Workshop titled “Introduction to Population Genetics and Molecular Evolution” organized	21	35-43
2.	2019-20	Hands on training in advanced molecular Biology techniques	10	44-54
3.	2019-20	Workshop on “Next generation sequencing applications in Clinical Research”	150	55-60
4.	2019-20	Foundation course Yenepoya Medical College 2019	150	61-65
5.	2019-20	Debriefing the awarness on yengage 12.7.2019	60	66-68
6.	2019-20	“Quality-Assured Data Capture using Epicollect” 20.06.2019	25	69-75
2018-19				
1.	2018-19	NextGen-based whole genome sequencing, Assembly and Annotation 25.5.19	7	77-87



YENEPOYA
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 Yenepoya University
 2017-18

Yenepoya (Deemed to be University)

2.	2018-19	Intensive hands on work shop on Fundamentals of Mass Spectrometry-base Proteomics for Bigginers.	10	88-97
3.	2018-19	Basic Research Methodology Workshop for First Year Medical Post-Graduates 30.8.18 to 1.9.18	93	98-103
4.	2018-19	Workshop on SPSS	60	104-108
2017-18				
1.	2017-18	"Hypothesis testing and Basics of Inferential Statistics" 12th April 2018	82	110-116
2.	2017-18	Colloqui um 2017- Nurse: patient International advocacy: Role of Nurse in ensuring ethically sensitive Practice - 14.11.2017	48	117-125
3.	2017-18	YMC-Basic Research Methodology 7.9.17	48	126-130
2016-17				
1.	2016-17	20 to 25.03.2017 - (PGDFAO) 2017 - Post Graduate Diploma in Forensic Anthropology	15	132-143



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Reports of the Analytical skill development programs from 2016-2021

4. Analytical skill development 2020-2021

DEPARTMENT OF PATHOLOGY



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Pathology Alumni Guest Lecture on Stem Cell Banking

Webinar

Organised by: Department of Pathology

DEPARTMENT OF PATHOLOGY



Office of the Registrar
University Road
Deralakatte, Mangalore - 575 018
Ph: 0824 - 2204667/68/69/70/71
Fax: 0824 - 2203943

Ref: No. Y/REG/ACA/Webinar/2020

27.10.2020

The Coordinator
Guest Lecture Series
Yenepoya (Deemed to be University)

Sub: Webinar on "Pathology alumni Guest Lecture on Stem Cell Banking"
on 26.10.2020

Permission is hereby accorded to organize Webinar on "Pathology Alumni Guest Lecture on Stem Cell Banking" on 26.10.2020 at 2.30 p.m. Dr. Zulfikar Ahmed, Blood Bank Officer, Government Wenlock District Hospital, Mangalore will be the Resource person for the programme.

Sanction is accorded for the payment of honorarium as per University norms.

You are requested to submit a report on the conduct of the Webinar with photographs for our records.


REGISTRAR

Copy to:

1. Finance Officer
2. File copy




Professor & Head
Department of Pathology
Yenepoya Medical College
Mangaluru-575 018

DEPARTMENT OF PATHOLOGY

REPORT OF THE FIRST PATHOLOGY ALUMNI GUEST LECTURE

The first Pathology Alumni Guest Lecture was held online on 26 October 2020 at 2.30 pm. The Invocation was given by Dr. Akib Avaru, I year Postgraduate student and also undergraduate Alumnus of 2013 batch.

Dr. Prema Saldanha, Professor & Head, Department of Pathology welcomed the participants. Dr. Sanila Rahim, Assistant Professor, Department of Pathology and undergraduate Alumnus of 2004 batch introduced the Guest speaker.

The Guest Lecture was delivered by Dr. Zulfikar Ahmed Senior Consultant Pathologist, Dept of Immunohaematology and Transfusion Medicine, Government Wenlock District Hospital, Mangalore on 'Stem Cell Banking'. Dr. Zulfikar was is an alumnus of the first Post graduate batch of 2005. He also worked as Faculty for one year (2008-09). Dr. Zulfikar explained in detail about stem cells, their importance and uses, and about Stem Cell Banking.

The Vote of Thanks was proposed by Dr. Renuka Patil, Assistant Professor, Department of Pathology and postgraduate Alumnus of 2014 batch.

The participants included Faculty and Postgraduates from the Department of Pathology, Postgraduate Alumni and Faculty from other Departments of the Medical College and other constituent Colleges of the University. This was a beginning and we hope to invite each of the Alumni for Guest Lectures in turn, in order of their seniority.



Professor & Head
Department of Pathology
Yenepoya Medical College
Mangaluru-575018

DEPARTMENT OF PATHOLOGY

*Cardially invites you to
The Pathology Alumni Guest Lecture*

Chief Guest
Dr. M.S. Moosabba
Principal & Dean
Yenepoya Medical College, Mangalore

Guest speaker
Dr. Zulfikar Ahmed
Blood Bank Officer
Government Wenlock District Hospital,
Mangalore

Topic: "Stem Cell Banking"
Date: 26.10.2020
Time: 2.30 pm
Venue: Online
[Link on 26th morning]

Programme

1. *Invocation*
2. *Welcome speech*
3. *Inaugural address*
Dr. M.S. Moosabba
Principal & Dean
Yenepoya Medical College, Mangalore

4. *Guest lecture*
Dr. Zulfikar Ahmed
Blood Bank Officer
Government Wenlock District Hospital,
Mangalore.

5. *Vote of thanks*

Dr. Ras

Dr

Professor & Head
Department of Pathology
Yenepoya Medical College
Mangaluru-575 018

DEPARTMENT OF PATHOLOGY

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23 of many < >

Guest Lecture on 26.10.2020 📄 📧

🔍 📧 📄



Guest Talk guesttalk@yenepoya.edu.in
to me

Mon, Oct 26, 2020, 9:43 AM ☆ ↶ ⋮

Dear Sir/Madam

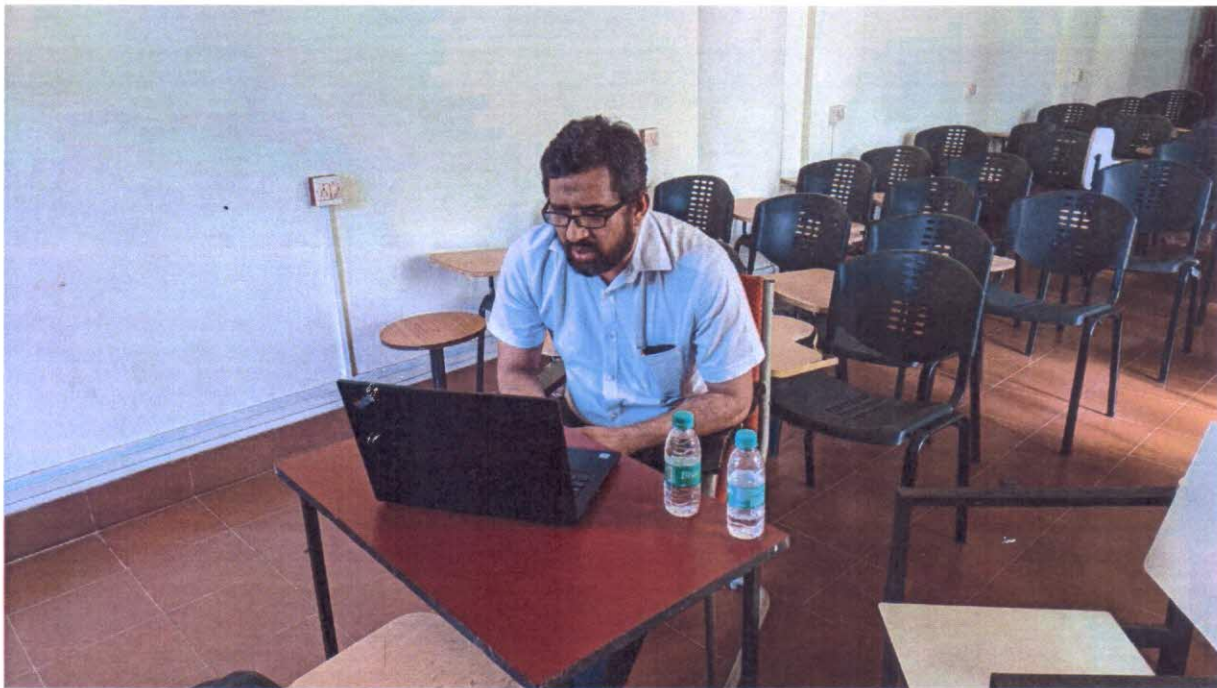
Guest Lecture Series Dept. of Pathology, YMC

Dr. Zulfikar Ahmed Blood Bank Officer Government Wenlock District Hospital Mangalore	Webinar on Stem cell banking	Monday 26.10.2020 2.30 pm
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Link: www.zoom.us/j/9254444444

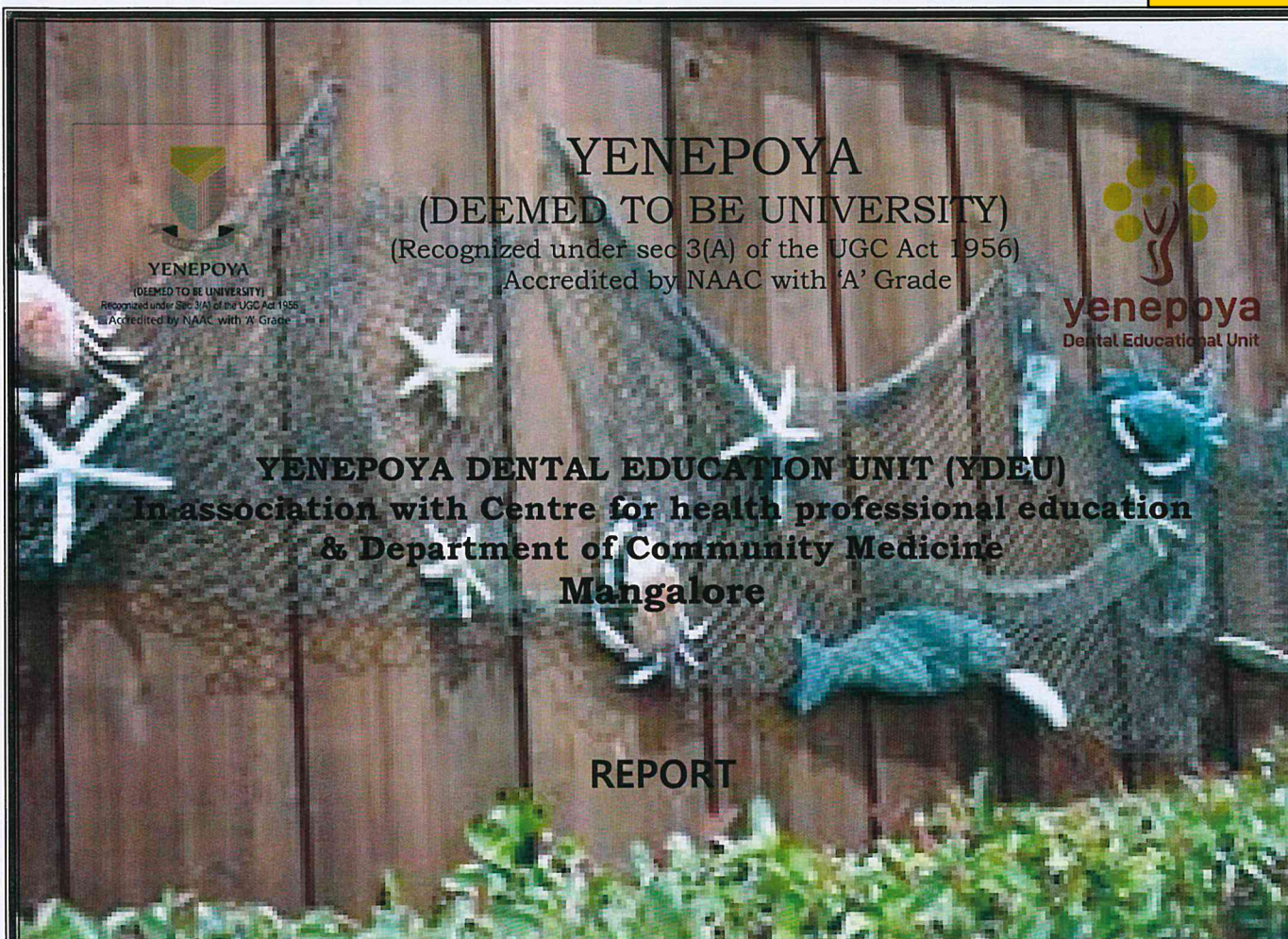
Thanks & Regards
Guest Lecture Series

Dr. Bhagya B. Sharma MSc, PhD
Coordinator | Guest Lecture Series | Yenepoya University |
University Road | Derlakatte | Mangaluru - 575018 | Karnataka, India |
☎: 0824 - 2204667/68/69 Ext.2012 | Fax: 0824 - 2203943 | 📠: 9845905220



Per

Professor & Head
Department of Pathology
Yenepoya Medical College
Mangaluru-575018



'Epithychia-2020'

**Orientation Program of MDS Course
Basics in Research Methodology Workshop**

**26th-28th, August 2020 | 09.15 AM | Yenepoya Dental College, |
Yenepoya –Deemed to be University, Deralakatte, Mangalore-
575018**

Yenepoya Dental Education Centre Co-ordinator

Dr.Imran Pasha M

Aben
DEAN / PRINCIPAL
Yenepoya Dental College
Yenepoya Deemed to be University
University Road, Deralakatte
Mangaluru-575018

Day 1- Report:

The Program Started at 9:15 AM, with invocation by Dr.Miqdad Thangal, Lecturer, Department of Oral Pathology. Welcome Address was given by Dr.Poonam Nirgude, HOD Department Community Medicine. Dr.Akther Husain, Dean/Principal Yenepoya Dental College delivered the guest of Honour, and Also Address by Guest of Honor Dr.Gangadhara somayaji, registrar Yenepoya-Deemed to be university and Dr.Vijayakumar, Honorable Vice Chancellor, Yenepoya- Deemed to be University, Delivered the Presidential address.The Master of ceremony for the day was Dr.Umme Amarah, Lecturer Yenepoya Dental College.

The Program started with Dr.Abhay Nirgude, addressing the students on the topic selection for their dissertation. Dr.Pracheth Addressed on the Study designs, Dr.Pavithra H on review of literature and the last speaker of the day was Dr.Imaad and Address on sample Size considerations.

The technical assistance was provided by Dr.Junaid, Assistant Professor, Yenepoya Dental College.

The Day ended with address by the Co-ordinator of the YDEU, Dr.Imran Pasha M.

Glimpses of the Event:

Address by the Chief Guest: Dr.Akhter Husain, Dean/Principal, YD

**Address by the Guest of Honor: Dr.Abhay Nirgude, Associate Dean, YMC and Deputy
Director CHPE.**

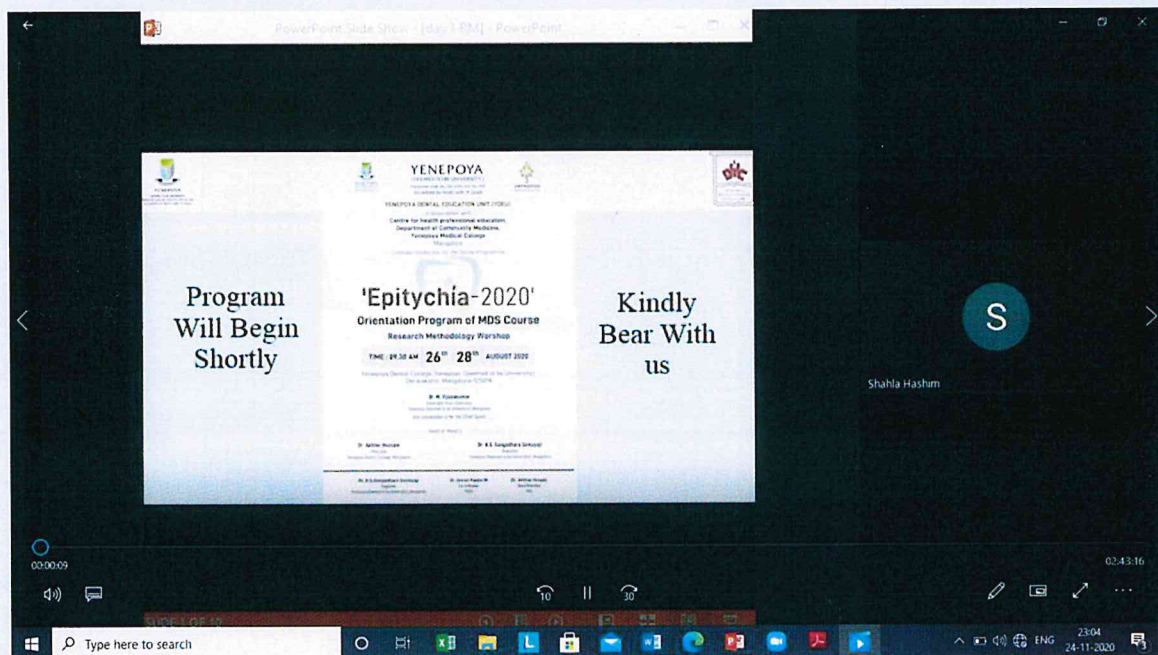
Address by Dr.Akhter Husain, Dean/ Principal, YDC

Day 2 :

The Day 2 Started at 9:30 AM with address by Dr.Ismail, HOD statistics department, Dr.Imran Pasha M, Addressed Data collection tools and Data Quality and Dr.Laxminarayan Sonde Addressed on Data management.

The technical assistance was provided by Dr.Junaid, Assistant Professor, Yenepoya Dental College.The day ended with Co-Ordinator Dr.Imran Pasha M addressing, the students on the third day proceedings.

Glimpses of the Event:



Outline

- Introduction to Biostatistics
- Population and Sample
- Types of variables
- Parameter and Statistic
- Information needed for sample size:
 - Precision
 - *Standard error*
 - *Confidence intervals*
 - Type I and Type II errors
 - *Level of significance, Power and effect size*
- *P value*

Professor Ismail B

Type here to search

23:06 24-11-2020

Designing Data Collection Tools

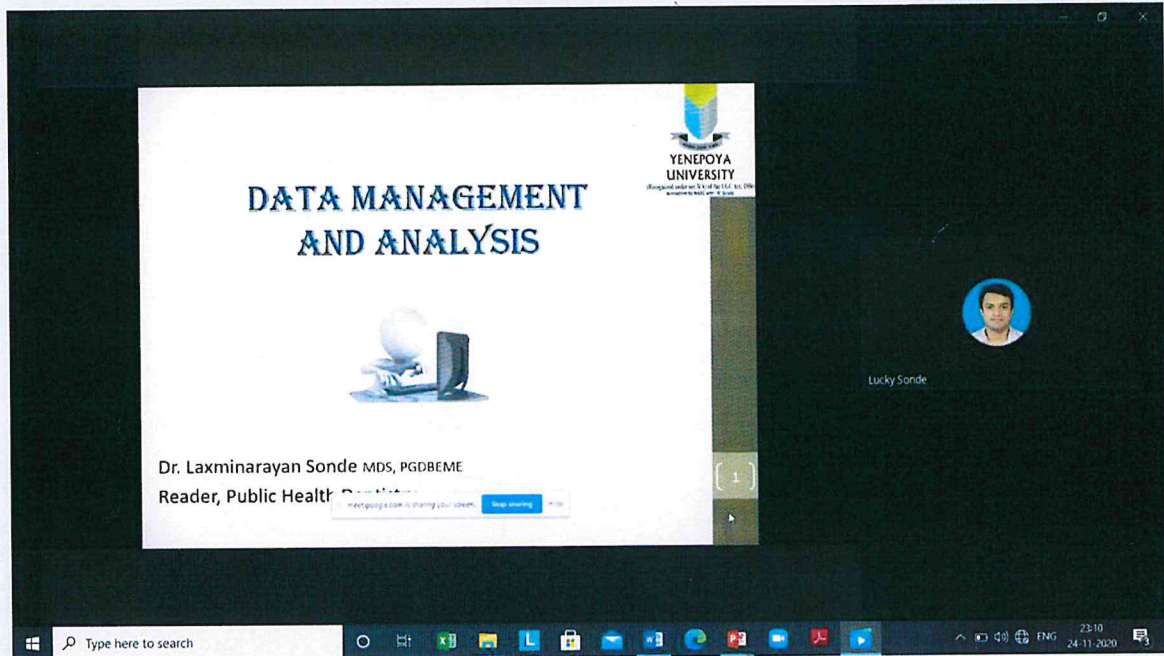
Dr. Imran Pasha M
Reader
(FAIMER FELLOW MANIPAL-2019)
Department of Public Health Dentistry
Yenepoya Dental College

nanwq

Yenepoya Dental Education Unit

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Day 3:

The Day Started with the address by Principal Yenepoya Dental College Dr.Akther Husain.

The Students were informed on the research opportunities at the YRC by Deputy Director YRC, Dr.Rekha PD, Dr.Hari Kishore addressed students on the ethical considerations, Dr.Navya addressed the students on Synopsis Protocol writing, and the day ended with Dr.Rohit addressing the student on reference styles.

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APRIL 1978 - 2019
Programme and the YENEPLOYA ACT
Approved by NMAC with 100% Fee

Yenepoya Research Centre

03:02:23

03:14:16

Ethical considerations in Designing & Conducting Research study

Dr. H. Hari Kishore Bhat
MDS, PGDBEME, PGDCE

Reader
Centre for Craniofacial Anomalies
Department of Oral & Maxillofacial Surgery
Yenepoya Dental College,

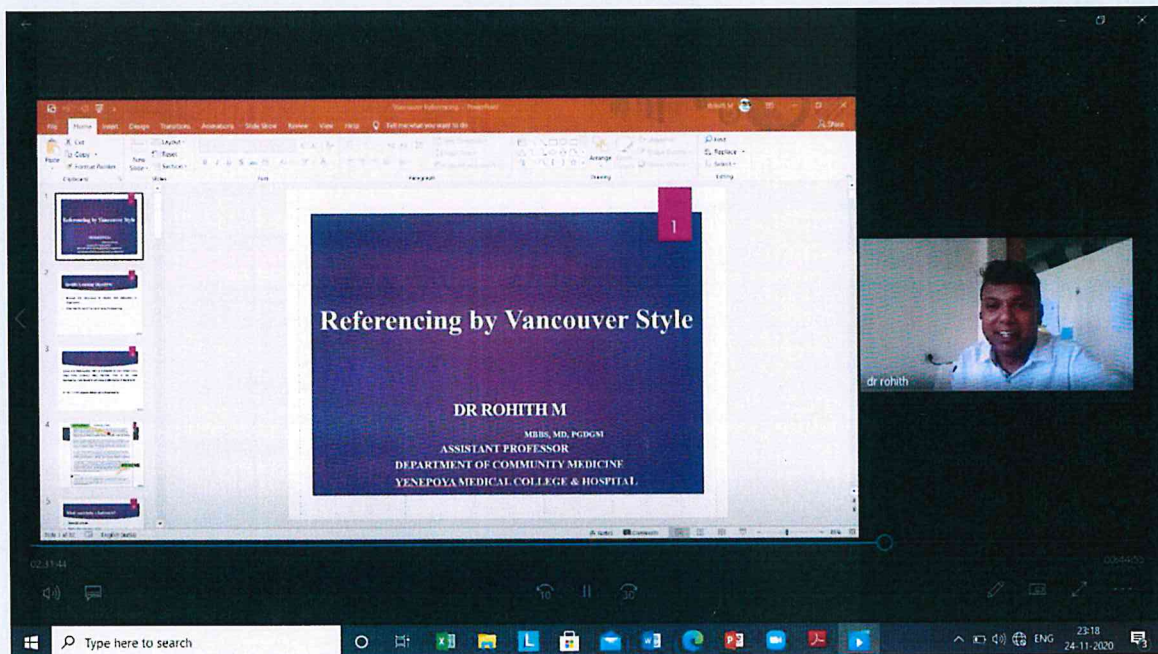
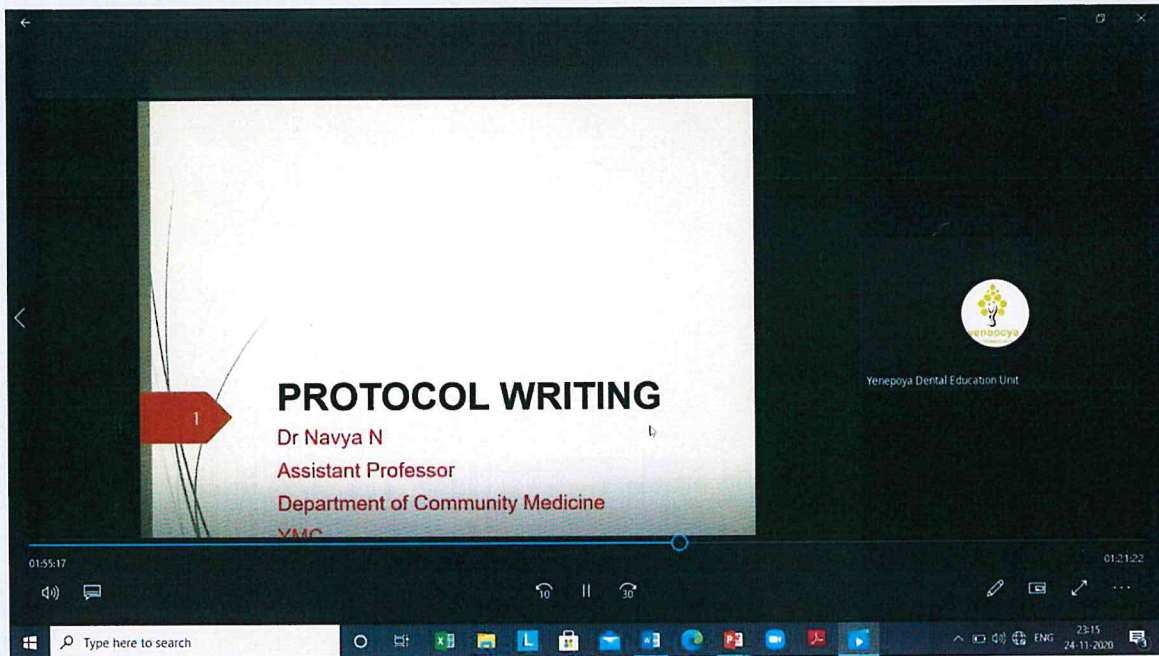
Member Secretary
Yenepoya Ethics Committee 2
Yenepoya (Deemed to be University)
DGCI - ECR/1337/Inst/KA/2020
DHR- under process

Hari Kishore

CD Drive (F:) CDROM
Select to choose what happens with this disc.

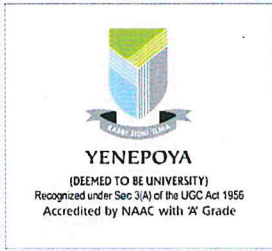
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24-11-2020

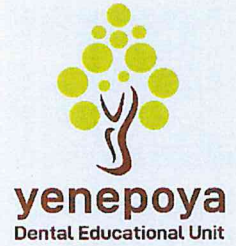


Alexander
DEAN / PRINCIPAL
Yenepoya Dental College
Yenepoya Deemed to be University
University Road, Deralakatte
Mangaluru, 575018

Imran
Dr. IMRAN PASHA, MDS
MAHE FAIMER FELLOW, 2019
READER
Dept. Of Public Health Dentistry
Yenepoya Dental College
Yenepoya (Deemed to be University)
University Road, Mangaluru - 575 018



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YENEPOYA DENTAL EDUCATION UNIT (YDEU)
In association with Centre for health professional education
& Department of Community Medicine
Mangalore

REPORT

'Epithychia-2020'

Orientation Program of MDS Course

17th-19th, August 2020 | 09.30 AM | Yenepoya Dental College, |
Yenepoya –Deemed to be University, Deralakatte, Mangalore-
575018

Aleneni
DEAN / PRINCIPAL
Yenepoya Dental College
Yenepoya Deemed to be University
University Road, Deralakatte
Mangaluru-575018

Yenepoya Dental Education Centre Co-ordinator

Dr.Imran Pasha M

Day 1- Report:

The Program Started at 9:30 AM, with the address by the chief guest, Dr.Akther Husain , Dean/Principal Yenepoya Dental College and Also Address by Guest of Honor Dr.Abhay Nirgude. The Master of ceremony for the day was Dr.Raksha Ballal and D.Syed Migdad Thangal.The Moderator of the Day was Dr.Imran Mohtesham.

The Day Started with the principal Dr.Akther Husain, principal/Dean, addressing the students with his stellar motivational speech to come and achieve in life.

Vice principals Dr.Laxmikanth Chatra addressing the students on the academic activities as a post graduate student, Dr.Sham S Bhat addressing on the rules and regulations of the Yenepoya Dental College and Dr.Maji Jose addressing on the hostel rules and regulations, extracurricular activities and also a word of advice on substance abuse.

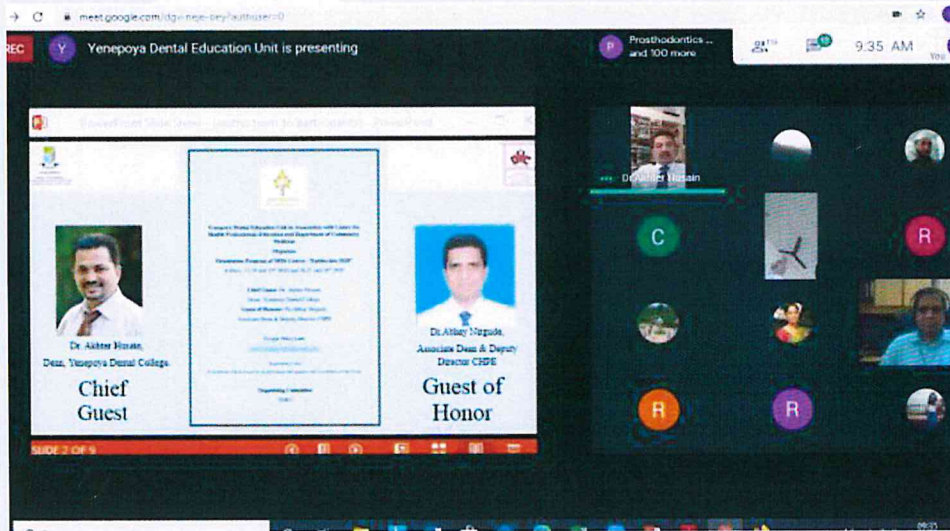
The Head of Department of the different Specialties introduced the faculty and also listed out the various achievements by the faculty, department and research areas of the department, patents from the department and also extracurricular activities.

Dr.Sanath Shetty, HOD Department of Prosthodontics
Dr.Prashanth Shenoy, HOD Department of Oral Medicine & Radiology
Dr.Rajesh Kashyap, HOD Department of Periodontics
Dr.Prathap MS, HOD, Department of Conservative Dentistry& Endodontics
Dr.Riaz Abdulla, HOD, Department of Oral Pathology
Dr.Sharan S Sargod, HOD, Department of Paedodontics and Preventive Dentistry
Dr.Rekha Shenoy, HOD Department Of Public Health Dentistry
Dr.Joyce Sequeira, HOD Department Of Oral and Maxillofacial Surgery
Dr.Rohan Mascarenhas, HOD Department Of Orthodontics & Dentofacial Orthopaedics

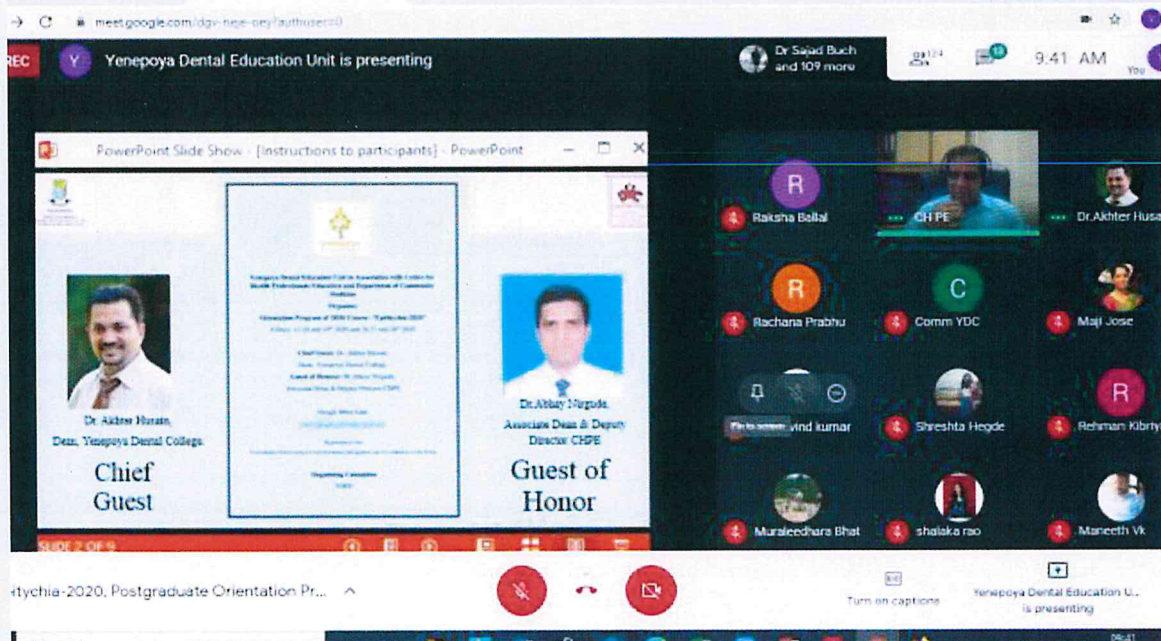
The Program Co-ordinator and technical assistance was provided by Dr.Junaid, Assistant Professor, Yenepoya Dental College.

The Day ended with address by the Co-ordinator of the YDEU, Dr.Imran Pasha M.

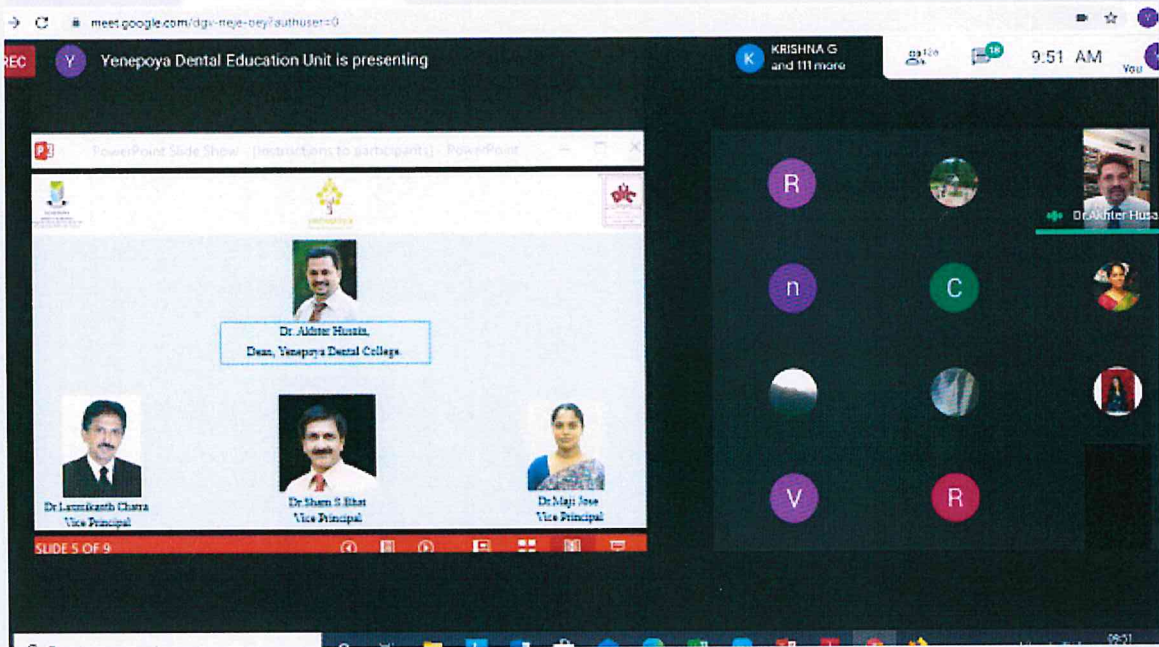
Glimpses of the Event:



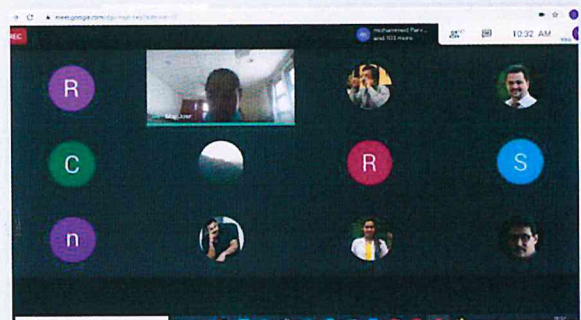
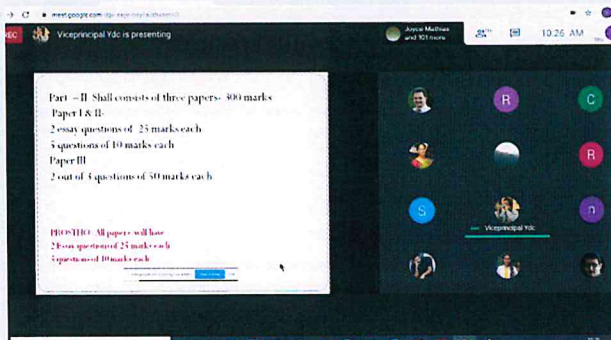
Address by the Chief Guest: Dr.Akhter Husain, Dean/Principal, YD

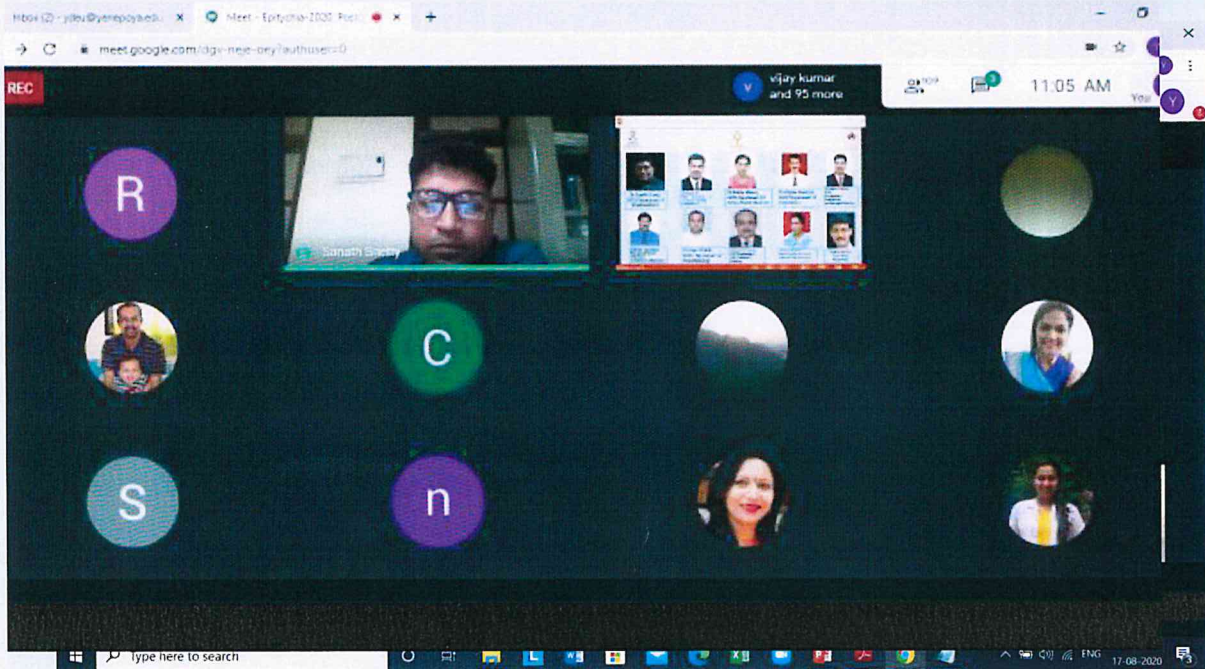
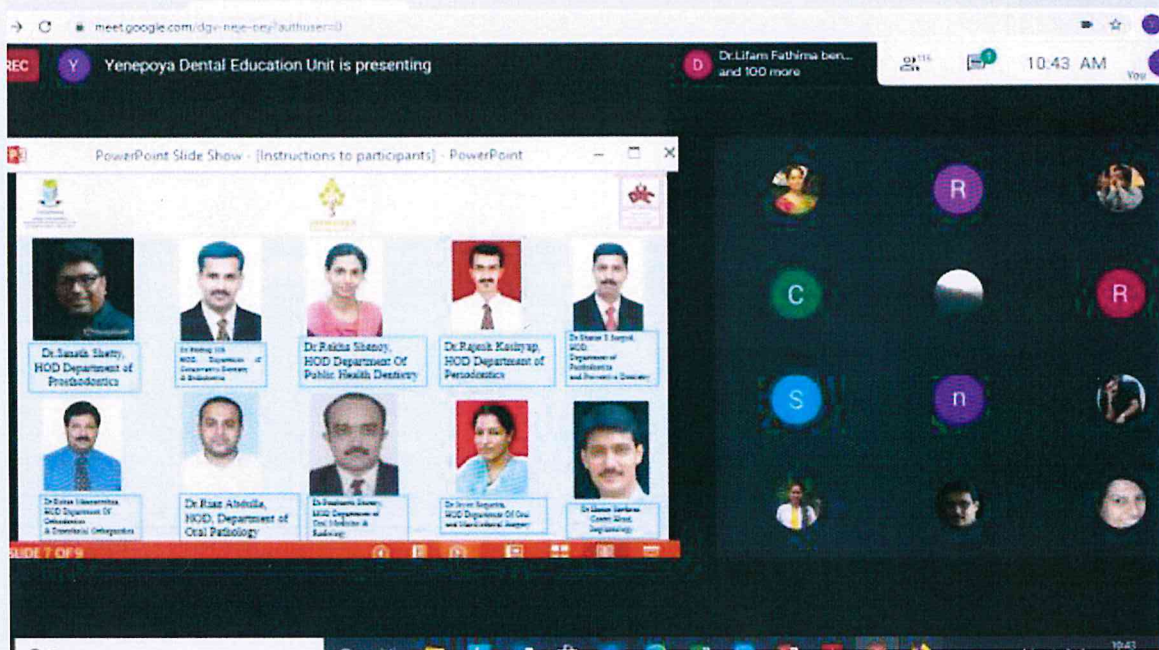


Address by the Guest of Honor: Dr.Abhay Nirgude, Associate Dean, YMC and Deputy Director CHPE.



Address by Dr.Akhter Husain, Dean/ Principal, YDC





Presentation by Department HOD's

Day 2 :

The Day 2 Started at 9:00 AM with address by Dr.Laxmikanth Chatra, Vice Principal, YDC. The Master of ceremony for the day Dr.Shrivya and Dr.Junaid and Moderator of the Day Dr.Vinay, Associate Professor, Department of Oral and Maxillofacial surgery.

The day started with the guest lecture by Dr.Hasan Sarfaraz, Professor Department of Prosthodontics and Centre Head Implantology, on Extended learning opportunities for the students.

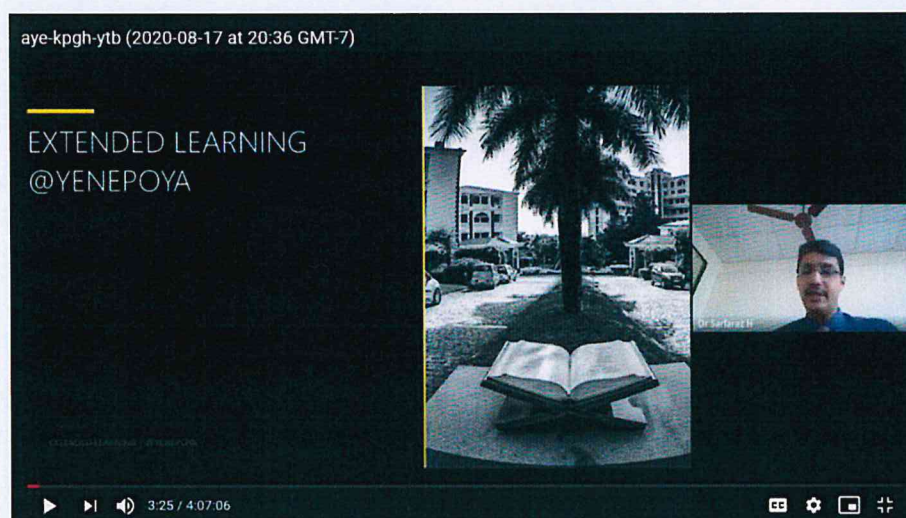
The Next session was done Dr.Pushpanjali, Professor and HOD Department of Public Health Dentistry, MS Ramaiah Dental College, Bangalore, on **pedagogy**.

The session on Seminar presentation was taken by Dr.Padmini T, HOD incharge Department of Physiology, Yenepoya Medical College.

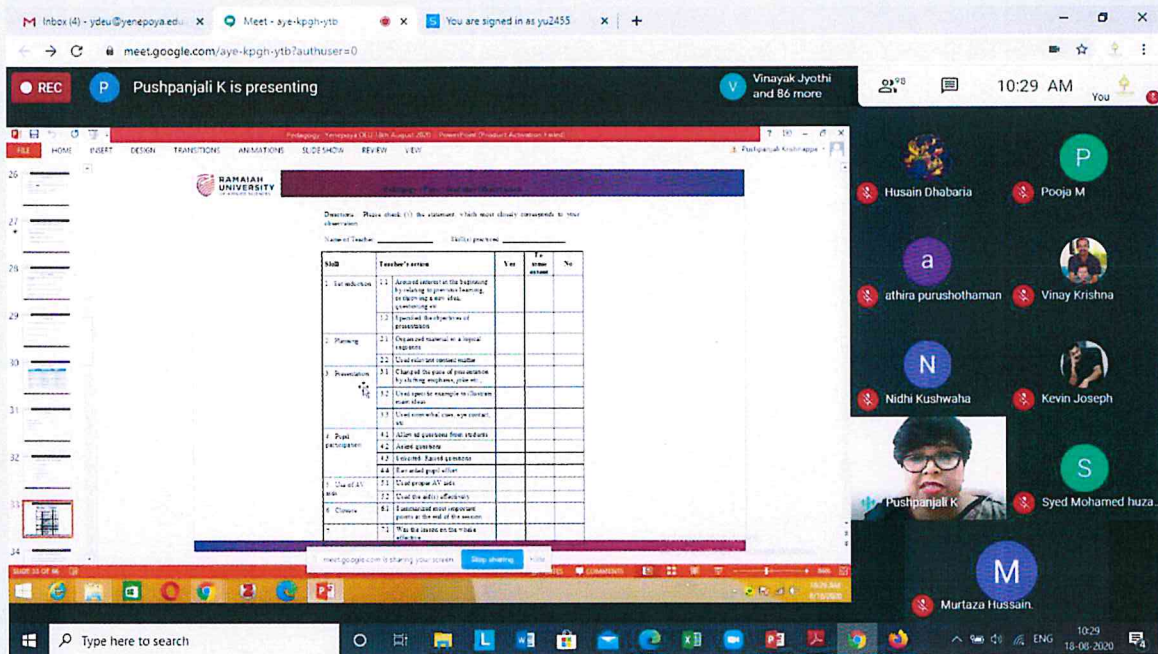
The session on Communication skills was taken by Dr.Animesh Jain, Professor Department of Community Medicine, KMC Mangalore.

The introduction to Central library services was introduced by the Mrs.Mamatha, Chief Librarian, Yenepoya Central Library.

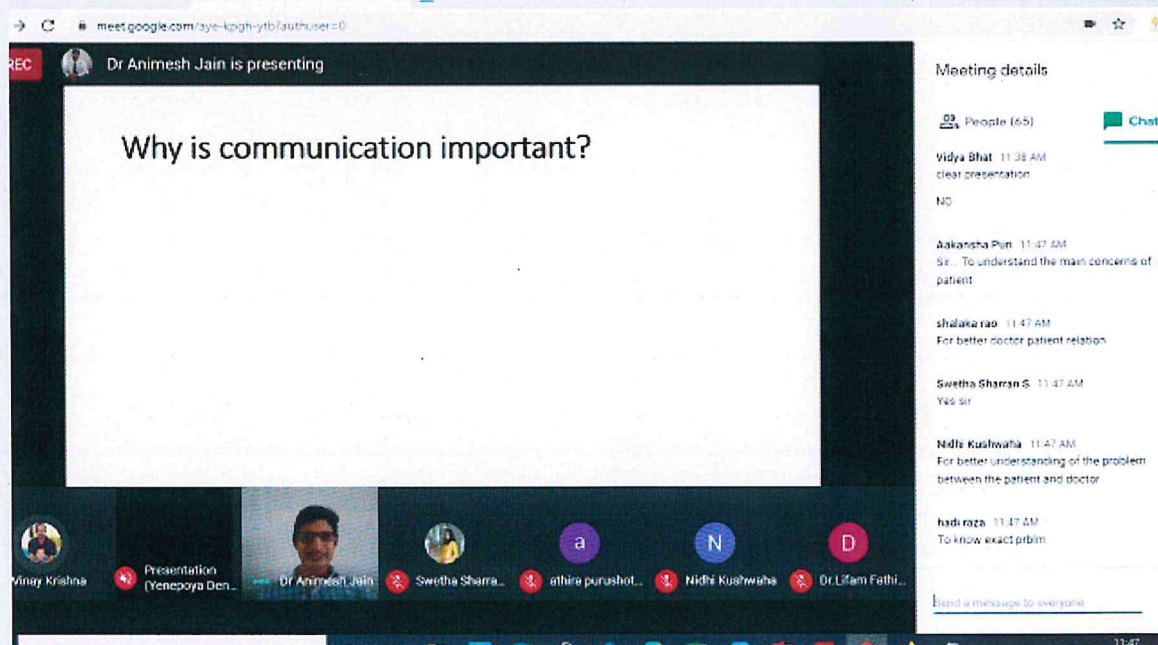
The day ended with Co-Ordinator Dr.Imran Pasha M addressing, the students on the third day proceedings.



Session on Extended Learning @ Yenepoya, By. Dr.Hasan Sarrafaz, Professor and Centre Head Implantology



Pedagogy Presentation By Dr.Pushpanjali, HOD Department of Public Health Dentistry ,MS Ramaiah Dental College



The session on Communication skills was taken by Dr.Animesh Jain, Professor Department of Community Medicine, KMC Mangalore.

Deliver seminar the perfect way!

WHAT YOU NEED TO KNOW?

Dr. Padmini Thalanjeri^{MBBS, MD, PGDBEME, MAHE-FAIMER FELLOW}
 Associate Professor and I/C HoD
 Dept. of Physiology
 Yenepoya Medical College

YENEPOYA
 DEEMED TO BE UNIVERSITY
 Bangalore-560 076, Karnataka
 www.yenepoya.edu

The session on Seminar presentation was taken by Dr.Padmini T, HOD incharge Department of Physiology, Yenepoya Medical College.

Location of Library

Mamtha P. Kumar

Session on Facilities at the Central library, Yenepoya (Deemed to be University), By,
 Dr.Mamtha P.K, Chief Librarian

Day 3:

The Day Started with the address by Principal Yenepoya Dental College Dr.Akther Husain.

The Master of ceremony for the day Dr.Umme Amarah and Dr.Anu Babu and Moderator of the Day Dr.Anupama, Associate Professor, Department of periodontics.

The first session on Dental photography was taken by the dynamic Dr.Hasan Sarfaraz, Professor Department of prosthodontics and Centre Head Implantology.

The session on coping with Academic Stress, was taken by Dr.Anil Kakunje HOD, Department of Pshychiatry, Yenepoya Medical Collge.

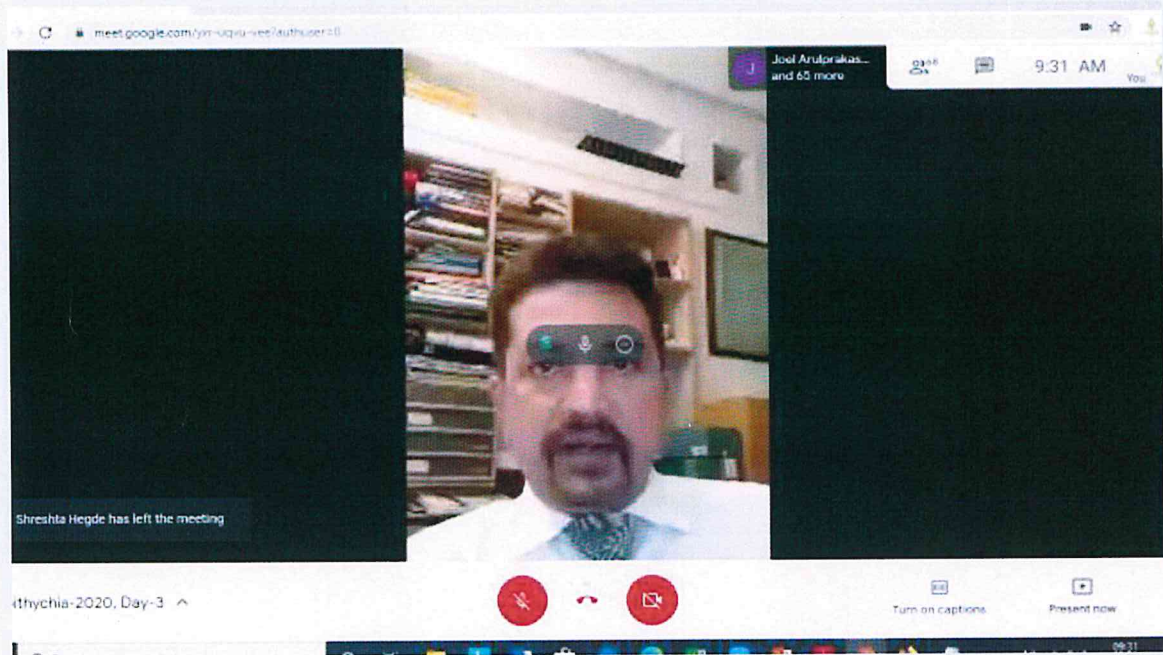
The Session on Journal Club presentation was given by Dr.Praveen Jodalli, associate Professor, Department of Public Health Dentistry.

The Program ended with the interaction of the various postgraduate students of the first year giving their view points on first impression of college and introducing themselves and college they have done their undergraduattion.

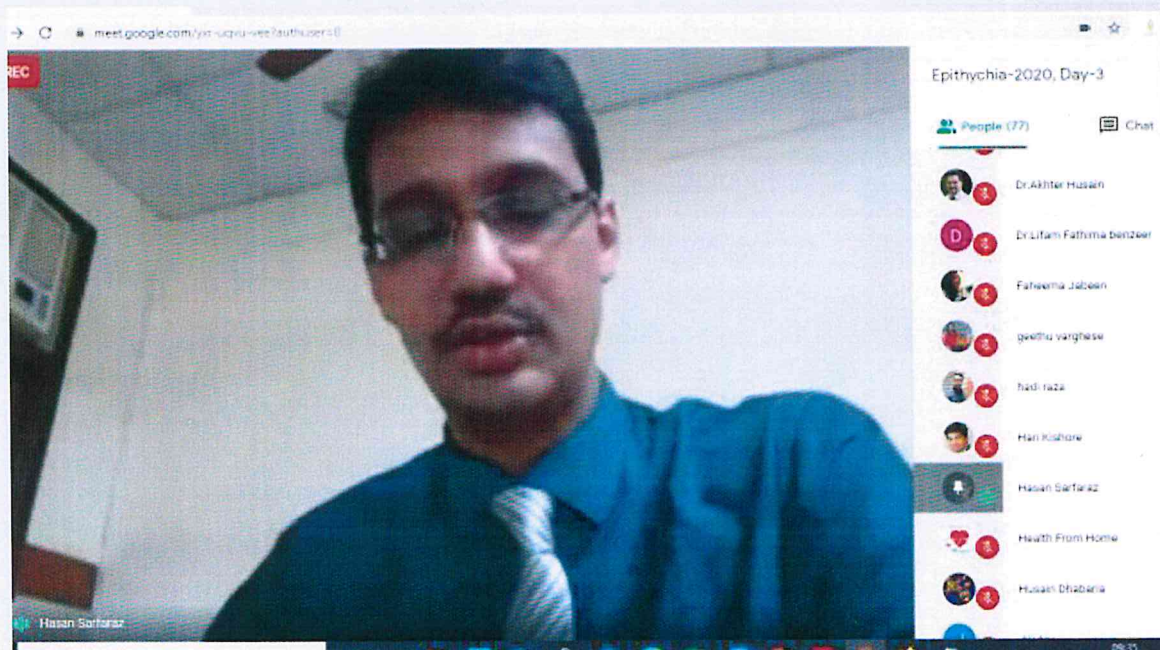
The Program Co-ordinator and technical assistance was provided by Dr.Junaid, Assistant Professor, Yenepoya Dental College.

The day Ended with Dr.Imran Pasha M, informing the students on the part-2 of the program on the research methodology workshop being done on the 26th,27th and 28th august, 2020.

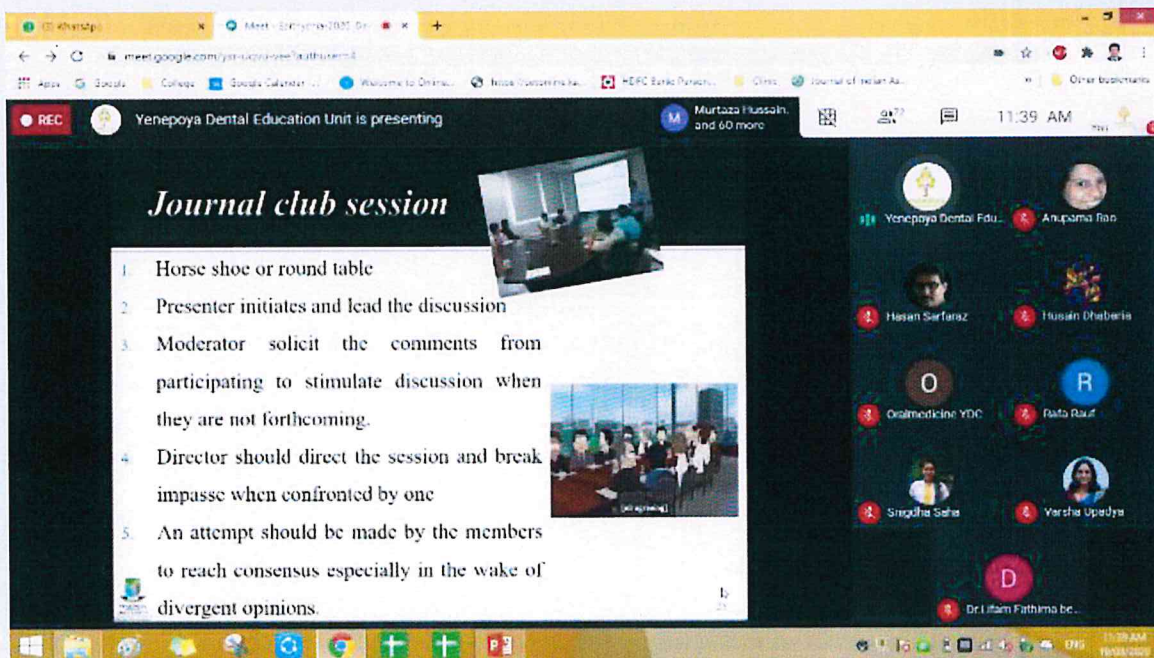
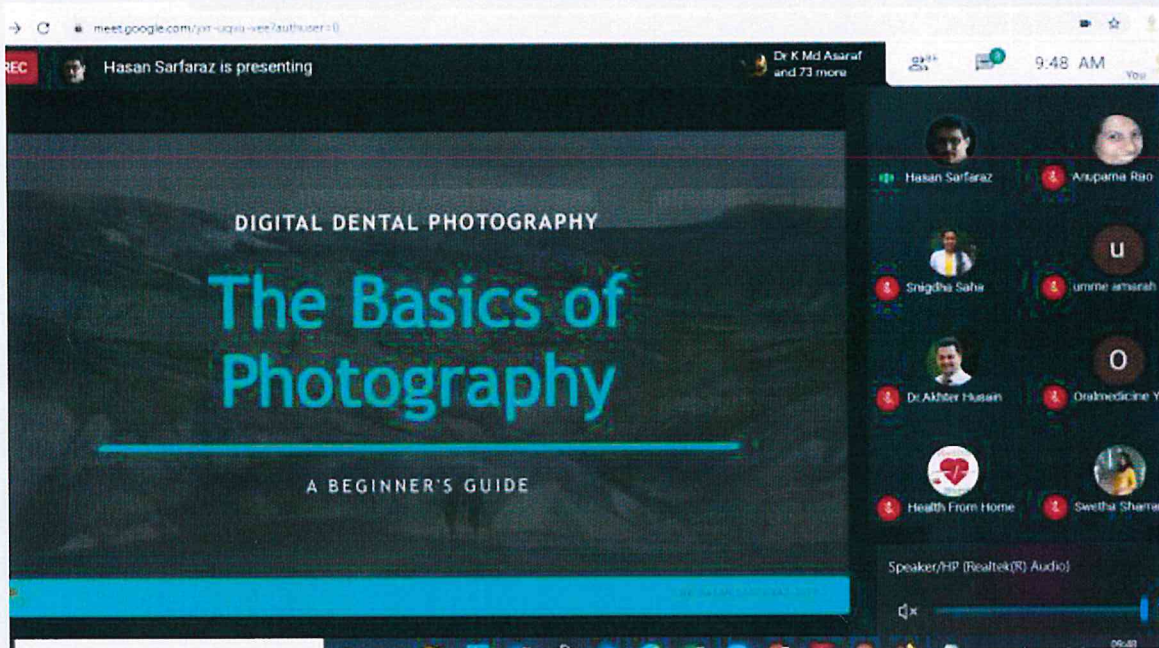
Glimpses of the Event:



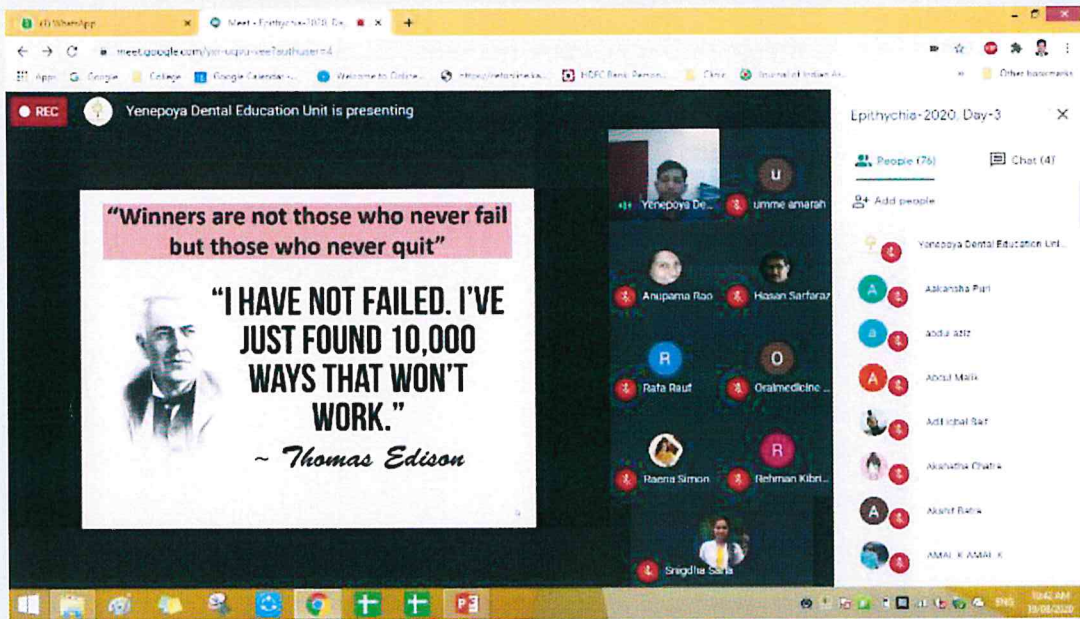
Address by Dean/Principal Dr.Akhter Husain, Yenepoya Dental College.



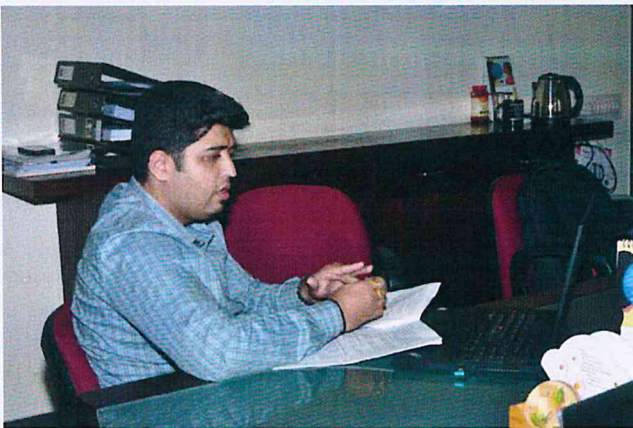
Session on Dental Photography by Dr.Hasan Sarfaraz, Professor and Centre Head Implantology.

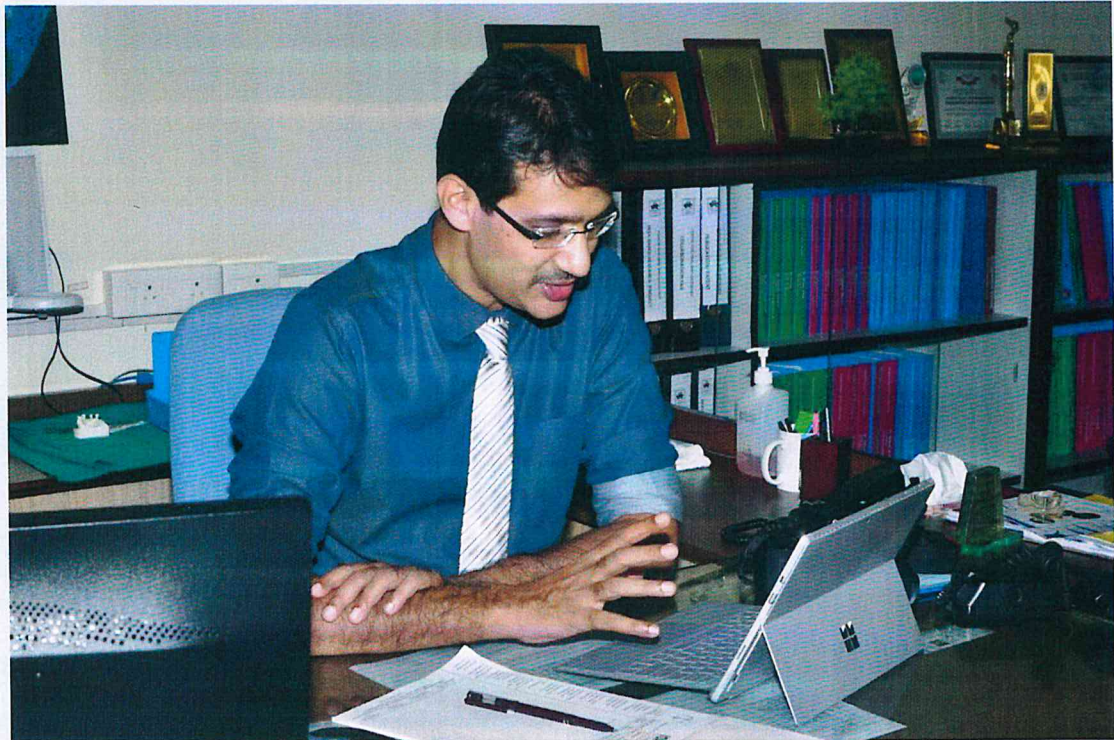


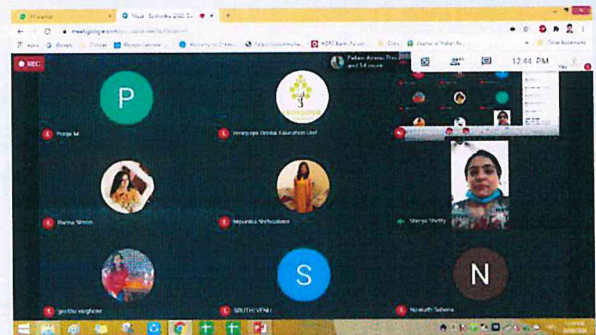
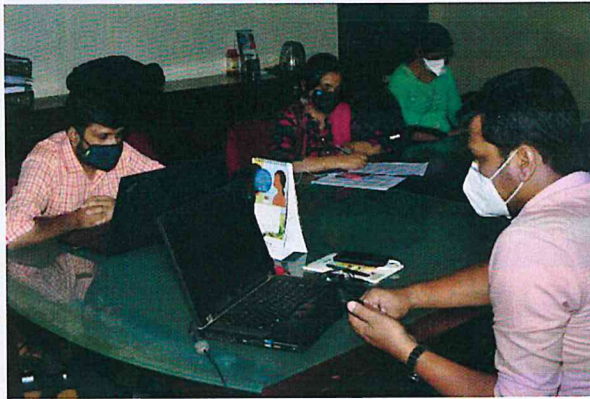
Session on the Journal Club Presentation by Dr.Praveen Jodalli, Associate Professor, Yenepoya Dental College.



Session on Coping With Academic stress by Dr.Anil Kakunje, HOD Department of pshychiatry, Yenepoya Medical College.







Imran

Dr. IMRAN PASHA, MDS
MAHE FAIMER FELLOW, 2019
READER
Dept. Of Public Health Dentistry
Yenepoya Dental College
Yenepoya (Deemed to be University)
Deralakatte, Mangaluru - 575 018

Alexander

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4. Analytical skill development 2019-2020



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Workshop on

Introduction to Population Genetics and Molecular Evolution

Organized by

Yenepoya Research Centre
Yenepoya (Deemed to be University)
Deralakatte, Mangalore- 575018
Karnataka, India

February 07-08, 2020

Beesomayazh
Registrar
YENEPOYA
(Deemed to be University)



YENEPLOYA RESEARCH CENTRE

06.01.2019

To,
The Registrar
Yenepoya (Deemed to be University)

Dear Sir,

Sub: Permission to conduct workshop on "Introduction to population Genetics and Molecular Evolution"

Yenepoya Research Centre is proposed to conduct workshop on "Introduction to population Genetics and Molecular Evolution" Scheduled on 7th and 8th February 2020. Kindly permit us to conduct the same and also request you to provide the following logistics.

1. Lecture hall
2. Wireless Internet access
3. Projector
4. Notebooks, Pens, board pins etc
5. Tea and Snacks for 40 people for two days
6. *Photographer*

The brochure is enclosed herewith for your kind perusal.

Thank you

Rekha P.D.
7/1/2020

Dr. Rekha P.D. Deputy Director
Yenepoya Research Centre
Yenepoya (Deemed to be University)
Deralakatti

Office of the Deputy Director
Yenepoya Research Centre
Yenepoya (Deemed to be University)



Office of the Registrar
University Road
Deralakatte, Mangalore – 575 018
Ph: 0824 – 2204667/68/69/70/71
Fax: 0824 – 2203943

Ref: No. Y/REG/ACA/032/YRC/2020

16.01.2020

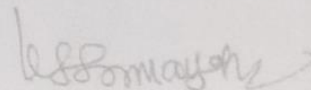
The Dy. Director
Yenepoya Research Centre

Sub: Workshop on "Population Genetics and Molecular Evolution" from
7th to 8th February 2020

Ref: Your letter dated 13.01.2020

Permission is hereby granted to organize workshop on "Population Genetics and Molecular Evolution" from 7th to 8th February 2020 at Seminar Hall, Yenepoya Research Centre. Dr. Ranajit Das, Assistant Professor of Yenepoya Research Centre will be the Resource Person for the programme.

You are requested to submit a report on the conduct of the programme with photographs within a week's time for our records.


REGISTRAR
mj

Copy to:

1. Director, Purchase & Stores - {with a request to provide office materials}
2. Dy. Director, I.T – {with a request to provide wireless internet access projector}
3. P.R.O - {with a request to provide photography}
4. Food Craft
5. File copy

NSG WORKSHOP-REPORT

The workshop "Next generation sequencing applications in Clinical Research" was conducted on 21st November 2019, from 9.00 am to 12.30 pm, at EMD auditorium, Yenepoya Medical College Hospital. This workshop was organized by Yenepoya Research Center, Yenepoya (Deemed to be University) in collaboration with Thermo Fisher Scientific, Bangalore. The main focus of the workshop was to introduce the basics of Next generation sequence and its significance in clinical setup. More than 150 delegates attended the workshop from different departments of Yenepoya University including Yenepoya Research Center, Yenepoya Dental College, Yenepoya Medical College and other colleges including St. Aloysius College, Mangalore and Mangalore University, Konaje.

The organizing committee consisted of Dr. Rajesh Shastry, Dr. Sudeep D Ghate, Dr. Shruthi Kanthaje, Ms. Aparna Hegde, Ms. Sajida, Ms. Sneha, Ms. Saptami, Ms. Athmika, Mr. Suresh, Mr. Rajath, Mr. Param, Mr. Vijay, Dr. Ashwini Prabhu, Mr. Vipin, Ms. Pooja, and Ms. Fida.

The introductory note for the workshop was addressed by Dr Rekha P. D., Deputy Director, Yenepoya Research Center. Mr. P. C. Raju Yadav, Product specialist from Thermo Fisher Scientific delivered the talk on NGS "Application in Reproductive Health & Microbial Sequencing", followed by Dr. Rahul Bhattacharyya's (Scientist, Thermo Fisher Scientific) talk on "NGS Application in Oncology & Nutrigenomics" and Mr. Harish Rotti (Product Specialist, Thermo Fisher Scientific) on "Microbiome for Diagnostic & Research using Microarray". The workshop was concluded with vote of thanks delivered by Dr Shruthi Kanthaje.

Funding:

A registration fees of 100/- was collected from each registered participant. A university sanction of 30,000/- was provided from the University for conducting the workshop and the same was utilized for conducting the workshop.

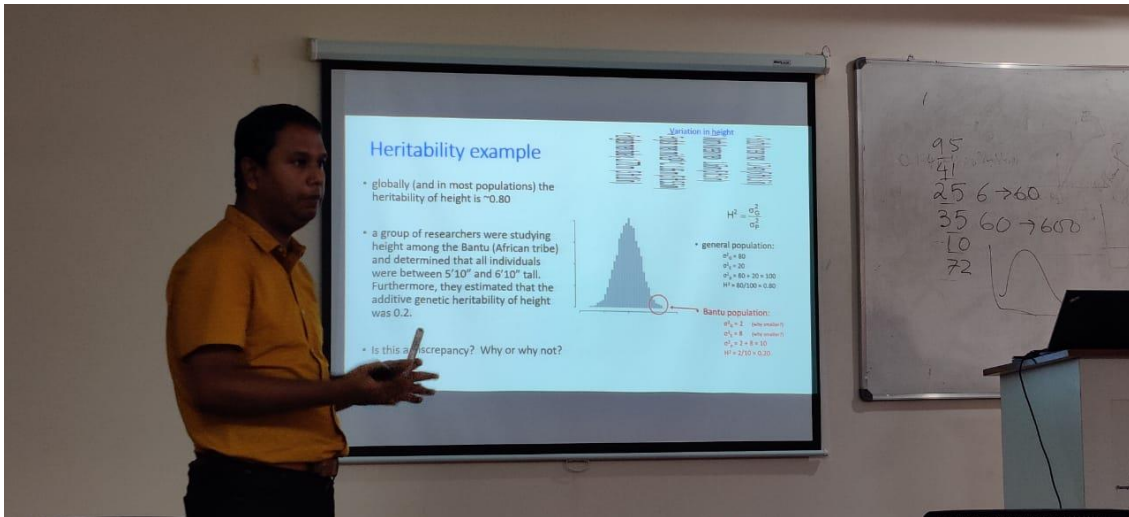
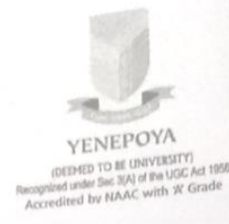
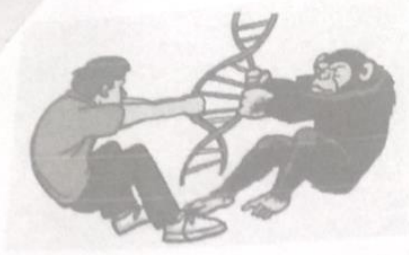


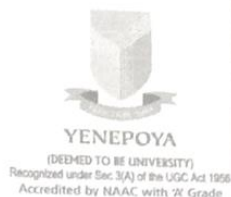
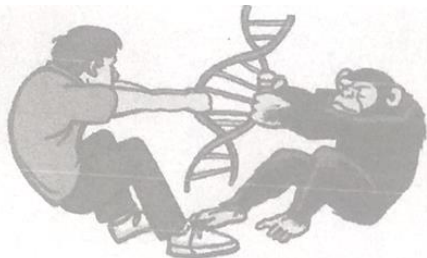
Figure 1. Delivering the lecture in the workshop by Dr. Ranajith



Figure 2. Participants in population genetics and molecular evolution workshop



<i>Workshop Information Overview</i>	
Workshop Title	Introduction to Population Genetics and Molecular Evolution
Date	7 th and 8 th February 2020
Location	Seminar Hall, Yenepoya Research Centre Yenepoya (Deemed to be University) Mangalore 575003
Workshop Description	<p style="text-align: center;">I. Brief description of the workshop</p> <p>Population Genetics and Molecular Evolution are essential fields of Biology that studies the processes and forces instrumental in generating the diversity of individuals at the population, species and beyond species level. Research in the field of population genetics is fundamental towards understanding the finer structures within natural populations, spatio-temporal changes in disease allele frequencies and preservation of biological diversity through appropriate management measures. With the advent of genome era, population genetics has undergone a technological revolution in the ability to generate large quantities of genome-wide data fast and relatively cheaply.</p> <p>This workshop is aimed at providing an exhaustive overview of the fundamental concepts of population genetics and will benefit participants with an improved understanding of various fields of modern biology including evolutionary genetics, computational biology, mathematical modelling and comparative genomics. Moreover, it will also help to expand the knowledge of genetics and its application in delineating the diversity of natural populations.</p> <p>On the first day, this workshop will explore the basics of population genetics and genomics, discussing the forces and processes that generate diversity within natural populations such as various kinds of selective forces such as natural selection, sexual selection, kin selection, frequency dependent selection, background selection and artificial selection, recombination, random genetic drift, mutation and migration. The workshop will also discuss the history and fundamental theories of Evolutionary Genetics such as Hardy-Weinberg Equilibrium, Wright-Fischer Model, Neutral Theory, Red Queen Hypothesis, Muller's Ratchet, to name a few and delineate how various statistical tests can be employed to determine signatures of natural selection in various endangered wildlife populations.</p> <p>The second day of the workshop will be interactive, where we will discuss various whole genome sequencing and microarray genotyping based approaches and various algorithms that can be used in population genetics and genomic research. We will explore the publicly available genome databases discussing their utility in molecular evolution research.</p>



	<p>2. The goal of the workshop</p> <p>To introduce population genetics, which is still at a very nascent stage in India, to students, who are currently pursuing their Masters or Doctoral degrees and are willing to pursue research in the future.</p> <p>3. Intended audience</p> <p>Postgraduate and Doctoral students, who have completed their undergraduate science degree course in any branch of Biology, Medical Sciences, BTech etc from a recognized university, Research staffs, Postdocs, Faculties are eligible to apply. Candidates are expected to have basic understanding of Genetics and Statistics.</p> <p>Activities in the workshop</p> <p>Day 1 (First Half – 11 am to 1:30 pm): Topics to be covered:</p> <ul style="list-style-type: none"> • Introduction to population genetics, Hardy-Weinberg equilibrium, drift, selection, mutation, migration and non-random mating. • Theories that shaped population and evolutionary genetics such as Neutral Theory, Linkage and Linkage Disequilibrium, Heritability, Hill-Robertson's effect, Clonal Interference, Muller's Ratchet, Red Queen Hypothesis, Price equation etc. <p>Day 1 (Second Half – 2:30 pm to 5 pm): Topics to be covered:</p> <ul style="list-style-type: none"> • Genetic changes and evolution. Genome evolution, Human population Genetics. • Coalescence Theory, Speciation and Conservation genetics <p>Day 2 (10 am onwards): Hands on sessions - Real life applications of population genetics and molecular evolution; whole genome approaches used in molecular evolution research; Computation Biology Lab session- Introduction to data mining, software, programs, and algorithms employed in population genetics.</p>
<p>Resource person</p>	<p>Dr. Ranajit Das, Assistant Professor, Yenepoya Research Centre, Yenepoya (Deemed to be University), Mangalore, Karnataka, India.</p> <p>Contact Information Phone: +918582802871 Email: das.ranajit@gmail.com</p>
<p>Basic requirements</p>	<p>Lecture hall, Wireless Internet access, Projector, White board with 4 different color markers, Office supplies (notebooks, pens, board pinsetc.). Candidates are expected to bring their laptops during the workshop.</p>
<p>How to apply</p>	<p>Please fill up the web form in the link below and submit</p> <p>https://forms.gle/ZX3SHpf36ym2GAt9</p>

Format for Departmental/College programme

Nature of the programme with topic	Workshop on Population Genetics and Molecular Evolution
Programme schedule with Date, Time and Venue:	<p>Date: 7th and 8th February 2020</p> <p>Schedule with time:</p> <p>Day 1 (First Half – 11 am to 1:30 pm): Topics to be covered: Introduction to population genetics, Hardy-Weinberg equilibrium, drift, selection, mutation, migration and non-random mating.</p> <p>Theories that shaped population and evolutionary genetics such as Neutral Theory, Linkage and Linkage Disequilibrium, Heritability, Hill-Robertson's effect, Clonal Interference, Muller Ratchet, Red Queen Hypothesis, Price equation etc.</p> <p>Day 1 (Second Half – 2:30 pm to 5 pm): Topics to be covered: Genetic changes and evolution. Genome evolution, Human population Genetics.</p> <p>Coalescence Theory, Speciation and Conservation genetics</p> <p>Day 2 (10 am onwards): Hands on sessions - Real life applications of population genetics and molecular evolution; whole genome approaches used in molecular evolution research; Computation Biology Lab session- Introduction to data mining, software, programs, and algorithms employed in population genetics.</p> <p>Venue: Seminar Hall, Yenepoya Research Centre (YRC)</p>
Resource Person(s)/ External Faculty with short address	<p>Dr. Ranajit Das, Assistant Professor, Yenepoya Research Centre, Yenepoya (Deemed to be University), Mangalore, Karnataka, India</p> <p>Contact Information: Phone: +91 8582802871 Email: das.ranajit@gmail.com</p>
Budget Estimate:	
Financial implication to the University	

Office of the Deputy Director
Yenepoya Research Centre
Yenepoya (Deemed to be University)

No. 30

Refreshment/Lunch	Tea and Snacks (40)
Approximate No. of Participants	40 people
Requirement of the other facility, Transport for Guests, Transport for participants, Accommodation for Guests, Accommodation for participants, Audio/Video/Photography	Wireless Internet access, Projector, Office supplies (notebooks, pens, board pins etc.) Photography
Organizing Department	Yenepoya Research Centre
Signature of the Organizer	Dr. Ranajit Das, Assistant Professor, Yenepoya Research Centre <i>Ranajit Das</i>
Recommendation of the Registrar	<i>Recommended.</i> <i>Bilal P.</i> <i>13/11/2020</i> Yenepoya Research Centre Deralakatte, Mangaluru
VICE-CHANCELLOR	



YENEPOYA
(DEEMED TO BE UNIVERSITY)
Recognized under Sec 3(A) of the UGC Act 1956
Accredited by NAAC with 'A' Grade

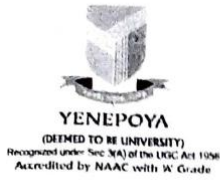
Report on

Hands on Training in Advanced Molecular
Biology Techniques- January 25-25, 2020

Organized by
Yenepoya Research Centre
Yenepoya (Deemed to be University)
Deralakatte, Mangalore- 575018
Karnataka, India

20th to 25th January, 2020

B. Somayajulu
Registrar
YENEPOYA
(Deemed to be University)



**Office of the Registrar
University Road
Deralakatte, Mangalore – 575 018
Ph: 0824 – 2204667/68/69/70/71
Fax: 0824 - 2203943**

Ref: No.Y/REG/ACA/YRC/2019

21.10.2019

Dy. Director
Yenepoya Research Centre

Sub: Permission to conduct hands on training in "Advanced Molecular Biology Techniques"

Ref: Your Letter dated 07.10.2019

Permission is granted to organize hands on training in "Advanced Molecular Biology Techniques" from 20.01.2020 to 25.01.2020 at YRC

sanction is accorded following logistic for the programme.

1. Mementos (3 Nos)
2. Photographer

Copy to
PRO
Academic Section

am

B.T. N. [Signature]
REGISTRAR 21/10/19
i/c Registrar
Yenepoya (Deemed to be University)
University Road, Deralakatte
Mangalore - 575 018

Organizing Committee

Dr. Yashodhar.P.Bhandary, Associate Professor, Yenepoya Research Centre

Dr.R.C.Koumar, Associate Professor, Yenepoya Research Centre

Dr.SuparnaLaha, Assistant Professor, Yenepoya Research Centre

Dr.DivyaLaxmanan, Assistant Professor, Yenepoya Research Centre

Dr. Ashwini Prabhu, Assistant Professor, Yenepoya Research Centre

Dr. Shankar Das, Assistant Professor, Yenepoya Research Centre

Dr.Raghubushan, Assistant Professor, Yenepoya Research Centre

Dr. Prashanth Modi, Assistant Professor, Yenepoya Research Centre

Mr. ShaheerKoniyan, Research Scholar, Yenepoya Research Centre

Ms. SadiyaB Sheik, Research Scholar, Yenepoya Research Centre

Ms. Gayathri Karthikkeyan, Research Scholar, Yenepoya Research Centre

Ms Sajidha, Research Scholar, Yenepoya Research Centre

Ms Fatheema, Research Scholar, Yenepoya Research Centre

Ms Sweta, Research Scholar, Yenepoya Research Centre

Ms. Vinitha, Research Scholar, Yenepoya Research Centre

Mrs. Sumayyah, Research Scholar, Yenepoya Research Centre

REPORT

HANDS ON TRAINING IN ADVANCED MOLECULAR BIOLOGY TECHNIQUES

A six days hands-on-training program in Advanced Molecular Biology techniques was organized at Yenepoya Research Centre, Yenepoya University from 20 to 25^h January, 2020. This event was organized by Cell Signalling and Cancer Biology Division, Yenepoya Research Centre. A total of 10 participants from various institutes attended this workshop.

Workshop Schedule

The technical sessions were taken by the internal expert faculties and the senior PhD scholars from YRC. Some technical sessions were also taken by the expert team from Hi-Media. The program schedule for the training in advanced molecular biology techniques is given below:

Day	Sl.No	Sessions	Speaker Name and affiliation
I	1	Registration	Dr.SuparnaLaha, Assistant Professor, YRC
	2	Inaugural session	Dr. Rekha P D,Deputy Director, YRC
	3	Theory session	Dr. Ashwini Prabhu/ Dr.Divya M, Assistant Professor, YRC
	4	Technical session	Dr. Prashanth Modi, Assistant Professor, YRC Dr. Ashwini Prabhu, Assistant Professor, YRC Mr. ShaheerKoniyan, PhD scholar, YRC Ms. Fatheema M, PhD scholar, YRC
	5	Technical session	Dr. Ashwini Prabhu, Assistant Professor, YRC Mr. ShaheerKoniyan, PhD scholar, YRC Ms. Sadiya Sheik, PhD scholar, YRC
	6	Technical session	Dr. Prashanth Modi, Assistant Professor, YRC Dr. Ashwini Prabhu, Assistant Professor, YRC Mr. ShaheerKoniyan, PhD scholar, YRC Ms. Sadiya Sheik, PhD scholar, YRC Ms. Gayathree, PhD scholar, YRC
II	7	Technical session	Dr. Ashwini Prabhu, Assistant Professor, YRC Mr. ShaheerKoniyan, PhD scholar, YRC Ms. Vineetha, PhD scholar, YRC
	8	Technical session	Dr. Prashanth Modi, Assistant Professor, YRC Dr. Ashwini Prabhu, Assistant Professor, YRC Mr. ShaheerKoniyan, PhD scholar, YRC Ms. Fatheema M, PhD scholar, YRC Ms. Gayathree, PhD scholar, YRC
	9	Theory session	Dr. Raghu Bhushan, Assistant Professor, YRC
III	10	Technical session	Dr. Prasanth Modi, Assistant Professor, YRC

			Dr. Ashwini Prabhu, Assistant Professor, YRC Ms. ShaheerKoniyan, PhD scholar, YRC Ms. Sadiya Sheik, PhD scholar, YRC
	11	Technical session	Dr. Ashwini Prabhu, Assistant Professor, YRC Dr. Prasanth Modi, Assistant Professor, YRC Mr. ShaheerKoniyan, PhD scholar, YRC Ms. Sadiya Sheik, PhD scholar, YRC Ms. Rashmi, PhD scholar, YRC
	12	Technical session	Dr.Divya Lakshmanan, Assistant Professor, YRC Dr. Prashanth Modi, Assistant Professor, YRC Dr. Ashwini Prabhu, Assistant Professor, YRC Mr. ShaheerKoniyan, PhD scholar, YRC Ms. Sadiya Sheik, PhD scholar, YRC
IV	13	Technical session	Dr. Shankar Prasad Das, Assistant Professor, YRC Dr. Raghu Bhushan, Assistant Professor, YRC Dr.SuparnaLaha, Assistant Professor, YRC Ms. Shwetha, PhD scholar, YRC Ms. Nidhi, PhD scholar, YRC
	14	Technical session	Technical team from HiMedia
	15	Technical session	Technical team from HiMedia
	16	Theory session	Dr. Shankar Prasad Das, Assistant Professor, YRC
V	17	Technical session	Dr. Shankar Prasad Das, Assistant Professor, YRC Dr. Raghu Bhushan, Assistant Professor, YRC Dr.SuparnaLaha, Assistant Professor, YRC Ms. Shwetha, PhD scholar, YRC Ms. Nidhi, PhD scholar, YRC
	18	Technical session	Dr. Shankar Prasad Das, Assistant Professor, YRC Dr. Raghu Bhushan, Assistant Professor, YRC Dr.SuparnaLaha, Assistant Professor, YRC Ms. Shwetha, PhD scholar, YRC Ms. Nidhi, PhD scholar, YRC
VI	19	Technical session	Dr. Shankar Prasad Das, Assistant Professor, YRC Dr. Raghu Bhushan, Assistant Professor, YRC Dr.SuparnaLaha, Assistant Professor, YRC Ms. Shwetha, PhD scholar, YRC Ms. Nidhi, PhD scholar, YRC
	20	Technical session	Dr. Shankar Prasad Das, Assistant Professor, YRC Dr. Raghu Bhushan, Assistant Professor, YRC Dr.SuparnaLaha, Assistant Professor, YRC Ms. Shwetha, PhD scholar, YRC Ms. Nidhi, PhD scholar, YRC

Day 1

Dr. Yashodhar Bhandary compared the inaugural program. Introductory session was delivered by Dr. Rekha PD, there was formal introduction between the participants and faculty involved in the workshop. Dr. Shankar P. Das delivered the vote of thanks. After the short tea break, exclusive technical sessions under the guidance of Dr. Suparna Laha and Dr. Shankar Das on DNA extraction, conventional, nested and gradient PCR, followed by Agarose gel electrophoresis were delivered. Interactive theory sessions were delivered by Dr. Das and Dr. Laha on the topics “DNA extraction” and “PCR and primer designing” respectively. Ms Fatheema, Ms Sweta and Ms Sumayya were the research scholars who took overall responsibilities in performing the experiments.

Day 2

A theory session on “Restriction enzymes in genome mapping and analysis” was given by Dr. Shankar P. Das, followed by technical sessions on RFLP and analysis. A technical session was also delivered on Multiplex PCR and its application. Agarose gel electrophoresis was performed to load all the PCR products and the pictures were captured in the Gel-documentation system. Ms Fatheema, Ms Sweta and Ms Sumayya took overall responsibilities. There was a technical talk on “Next Generation Sequencing” by Dr. Ashutosh Upadhyay from Premas Life Sciences. Dr. Shankar P. Das compared the program.

Day 3

The workshop covered detailed theory sessions on RNA, followed by technical session on isolation of RNA and cDNA conversion and RT-PCR. This was taken up by Dr. Raghu Bhushan. Ms Fatheema, Ms Sweta and Ms Sumayya took overall responsibilities. There was a technical talk on "High-end skill development at Merck Innovation lab “ by Dr. Venkat Koushik Pulla, Senior Product Manager in Merck Life Science Pvt Ltd Bangalore. Dr. R.C Koumar compared the program.

Day 4

A detailed theoretical session uncovering protein extraction and Western blotting was delivered by Dr. Divya Lakshmanan. The technical session started with protein extraction from mammalian cells followed by SDS-PAGE. Coomassie brilliant blue staining was carried out for the detection of proteins. The technical session was lead by both Dr. Divya Lakshmanan and Dr. Ashwini Prabhu. Ms Sadiya and Ms Gayathree took care of overall work.

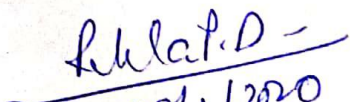
Day 5

Technical session on Western blotting was carried out, starting from SDS-PAGE, transfer, antibody incubation, blot development and data analysis. Dr. Laxmanan, Dr. Ashwini Prabhu and Dr. Prashanth Modi took overall in charge of this session. Ms Sadiya and Ms Gayathree took care of overall work. The analysis for RT-PCR was delivered by Dr. Raghu Bhusan in an interactive theory session.

Day 6

A quiz competition based on the theoretical sessions during the workshop was conducted. The program was organized by Dr. Shankar P. Das with assistance from students Ms. Gayathree and Ms. Sadia.

The workshop concluded with a valedictory session. Dr. Suparna Laha, Co-ordinator of the workshop compared the program. Dr. Ramdas Nayak, Prof. & HOD, Department of Pathology was the chief guest for the function. Dr. Rekha PD spoke a few words about the outcome of the workshop, Dr. Ramdas Nayak spoke about the importance of this workshop. Dr. K.K Achary, distributed the certificates and prizes for the quiz competition to the participants. The concluding and motivating lines regarding the workshop was delivered by Dr. Arun Bhagwat. Two participants Ms. Akankasa from Nitte (Deemed to be University) and Ms. Rajitha from Mangalore University gave feedback regarding the training program. Dr. Raghu Bhushan delivered _____ vote _____ of _____ thanks.


28/1/2020
Deputy Director
Yenepoya Research Centre
Yenepoya (Deemed to be University)
Deralakatte, Mangaluru-575018

Feedback Analysis: Hands on training in advanced molecular biology techniques

Feedback on the following were sought

Q1	What is your overall assessment of the event?
Q2	Please comment on th organization of the event
Q3	Supported presentation material
Q4	Provided useful additional information
Q5	Were clear and well organised
Q6	knowledge and information gained from participation at this event met your expectations
Q7	knowledge and information gained from participation at this event will be useful or applicable in my work
Q8	Would you recommend this workshop to someone else

Response

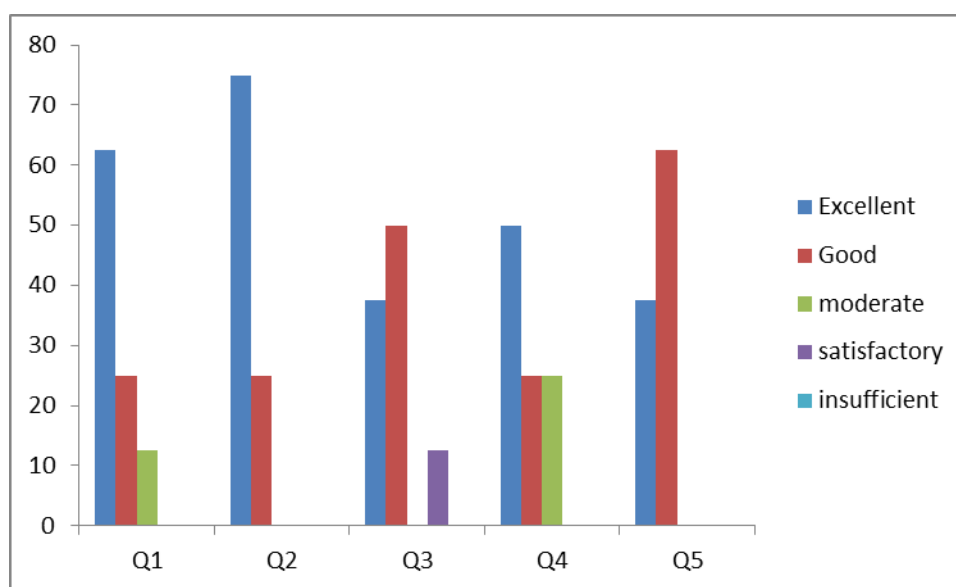


Figure 1: Feedback the content and workshop organization

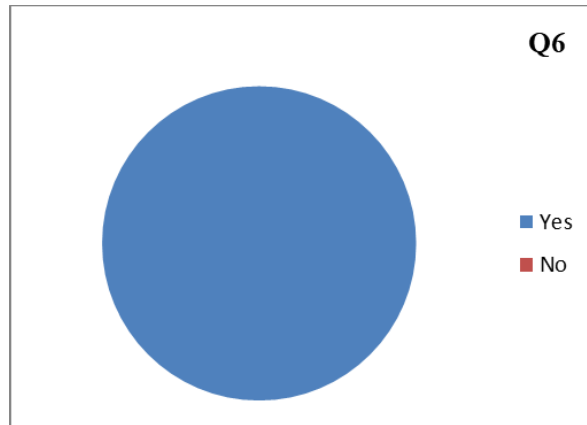


Figure 2: Feedback regarding knowledge and information gained from participation at this event met your expectations:

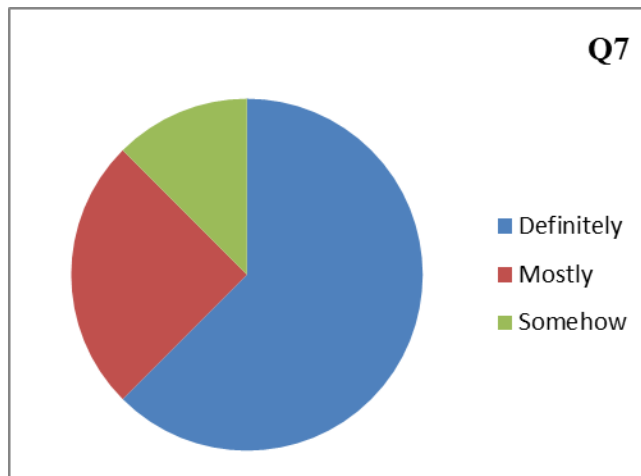


Figure 3: Feedback regarding knowledge and information gained from participation at this event will be useful or applicable in my work.

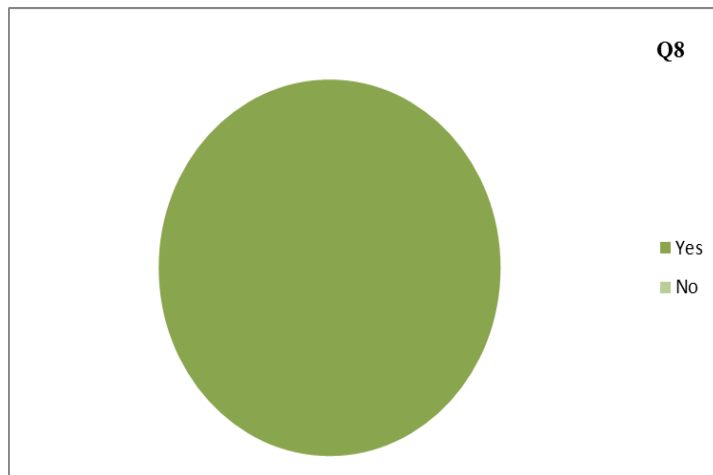


Figure 4: Feedback regarding recommending this workshop to someone else.

Title: **Hands on training in advanced molecular biology techniques**

Date: **20-01-2020 to 25-01-2020**

Sl.No	Name of the participants
1.	Dr.Rakshata Nayak
2.	Dr. Shubha Sudhakar
3.	Dr.Ksheera Cariappa
4.	Nagaraj V Kulakarni(JRF)
5.	Akankasha .A. Kalal(JRF)
6.	Neha Martin(JRF)
7.	Madhu P Ganeshkar(JRF)
8.	Amritha Nair(JRF)
9.	Rajith PB(JRF)
10.	Riji E(JRF)

Registration fee covers tea, lunch and course material.

Accommodation can be arranged for outstation candidates at a nominal charge.

SELECTION CRITERIA

Selection is based on first come first serve basis.

SCHEDULE OF TRAINING

Date	Time	Schedule
20/01/2020	09:00 -10:00 am	Registration and Inauguration
	10:00 -10:15 am:	Tea Break
	10:15-01:00 pm:	DNA Isolation and Quantification
21/01/2020	01:30-02:00 pm:	Lunch Break
	02:00-05:00 pm:	Conventional PCR
	09:00-03:00 pm	Multiplex, Nested PCR, Gradient PCR and RFLP
22/01/2020	03:00-05:00 pm:	Gel Electrophoresis
	09:00 03:00 pm	RNA Isolation and Quantification
23/01/2020	03:00-04:00 pm	Talk on PCR and Primer Designing
	09:00-01:00 pm	RT-PCR and Data Analysis
24/01/2020	02:00-05:00 pm	Protein Isolation, Quantification
	09:00-05:00 pm	SDS -PAGE, Staining and Western Blotting
25/01/2020	09:00-01:00 pm:	Western Blot Development and Data Analysis
	02:00-05:00 pm	Valedictory Function

IMPORTANT DATES

Last date for registration: 10th January 2020

Intimation of selection : 12th January 2020

HOW TO APPLY?

Registration form can be downloaded from <https://yenepoya.res.in/>. The applicants are required to send filled-in registration form along with details of payment so as to reach Yenepoya Research Centre on or before 10th January 2020.

Total seats limited to 10 candidates only

E-mail the filled-in registration form to research@yenepoya.edu.in or submit to

Yenepoya Research Centre
3rd floor, Academic block
Yenepoya Medical College
Yenepoya (Deemed to be University),
University Road, Deralakatte
Mangaluru - 575018
Karnataka, India

CONTACT US

Dr. Yashodhar Bhandary
Mob: +91-8197138628
e-mail id: yash28bhandary@gmail.com

Dr. Suparna Laha
Mob:+91-9742709705
e-mail id: suparnalaha@yenepoya.edu.in



YENEPOYA

(DEEMED TO BE UNIVERSITY)
Recognized under Sec 3(A) of the UGC Act 1956
Accredited by NAAC with W Grade



20-25 January 2020
Venue: Yenepoya Research Centre
Yenepoya (Deemed to be University)
Deralakatte, Mangalore, Karnataka-575018

Organized by
Yenepoya Research Centre
Tel. 0824-22024668 Ext: 2035

YENEPOYA RESEARCH CENTRE

Yenepoya Research Centre (YRC) is a multidisciplinary research centre that strives towards strengthening the research activities by establishing the State-of-art technologies in advanced Molecular Biology in relation to Clinical Sciences. It provides the scientific prowess to students and research scholars of research centre and the associated colleges of Yenepoya University. The Centre's vision is to accomplish high quality research activities in multidisciplinary areas of life sciences by creating specialized research units and groups in order to meet the contemporary challenges of modern biological research.

For the details of the courses offered at Yenepoya research Centre, please visit ; <https://yenepoya.res.in/>

ORGANIZING COMMITTEE

Dr. Suparna Laha
Dr. Divya Lakshmanan M
Dr. Ashwini Prabhu
Dr. Shankar Prasad Das
Dr. Raghu Bhushan
Dr. R.C. Koumar
Dr. Prashant Modi
Dr. Yashodhar Bhandary

HANDS-ON TRAINING IN ADVANCED MOLECULAR BIOLOGY TECHNIQUES

20-25 January 2020

REGISTRATION FORM

Name:
Designation:
Official address:
E-mail:
Contact No:
Research/teaching experience:
Accommodation: Yes/No:

Payment Details:
Date of transfer:
Amount paid:
NEFT Details (Transaction ID):

Signature:
Place and date:

REGISTRATION FEE

Rs. 5000/- for Academic participants
Rs. 7000/- for Industrial participants
Payment through NEFT can be made to,
A/c. No : 182701011001151
IFSC : VIJB0001827
Bank details : VIJAYA BANK, Yenepoya
University Branch,
Deralakatte, Mangaluru- 575018.

ABOUT THE WORKSHOP

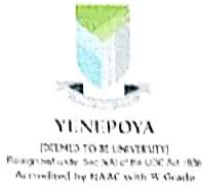
Recent developments in the area of Molecular Biology have unraveled new paradigm into understanding biological research. In view of the increasing significance for the use of molecular techniques in diagnostics, this workshop is designed to provide hands-on training in basic important techniques such as isolation of DNA, RNA, protein, PCR, RT-PCR, electrophoresis and Western blotting. In addition, theoretical background, applications and their relevance in biomedical research will be discussed.

WHO CAN APPLY?

Postgraduate students, Research Scholars, Faculty and Industrial participants working in the field of Biological Sciences.

HIGHLIGHTS

- > Protein extraction
- > DNA and RNA extraction
- > Conventional PCR
- > Nested PCR
- > Multiplex PCR
- > Gradient PCR, RFLP
- > cDNA conversion and RT-PCR
- > SDS-PAGE and staining
- > Agarose gel electrophoresis
- > Western blotting
- > Data interpretation



21st November, 2019



Workshop on

Next Generation Sequencing Applications in Clinical Research

Organized by

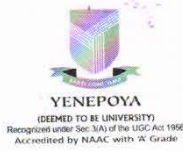
Yenepoya Research Centre
Yenepoya (Deemed to be University)
Deralakatte, Mangalore- 575018
Karnataka, India

21st November, 2019

B. Somayajulu

Registrar
Yenepoya (Deemed to be University)
University Road, Deralakatte
Mangalore 575 018

Page 1 of 6



Office of the Registrar
University Road
Deralakatte, Mangalore – 575 018
Ph: 0824 – 2204667/68/69/70/71
Fax: 0824 – 2203943

Ref: No. Y/REG/ACA/26/Workshop/Medicine/2019

08.11.2019

The Dy. Director
Yenepoya Research Centre

Sub: Workshop on 21.11.2019

Ref: Letter dated 05.11.2019

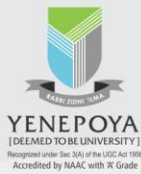
Permission is accorded to conduct a workshop on "Next Generation Sequencing applications in ORIGIN" on 21st November 2019 from 9.00 a.m. to 1.30 p.m. at EMD Auditorium, Yenepoya Medical College Hospital.

Sanction is accorded for Rs.30,000/- (Rupees thirty thousand only) as University's contribution for organizing the workshop.

lesomayya?
REGISTRAR
mj
8/11

Copy to:

1. Finance Officer
2. I/c, ACTS YEN
3. P.R.O. – {with a request to provide the photography for the programme}
4. File copy



YENEPOYA (DEEMED TO BE UNIVERSITY)
Mangalore

WORKSHOP ON
**NEXT GENERATION SEQUENCING
APPLICATIONS IN
CLINICAL RESEARCH**

Organized by
YENEPOYA RESEARCH CENTRE

in collaboration with
THERMO FISHER SCIENTIFIC

Thursday | **21st** | November
9.00 am to 12.30 pm | 2019

Venue : EMD Auditorium, 8th Floor,
Yenepoya Medical College Hospital

All are invited

Front

WORKSHOP SCHEDULE:

Time	Topic	Speakers
9.00 to 9.25 am	Registration	
9.30 to 9.45 am	Introductory note	Dr. Rekha P. D.
9.45 to 10.30 am	NGS Application in Oncology & Nutrigenomics	Dr. Rahul Bhattacharyya
10.30 to 11.15 am	NGS Application in Reproductive Health & Microbial Sequencing	Mr. PC Raju Yadav
11.15 to 11.30 am	Tea Break	
11.30 to 12.15 pm	Microbiome for Diagnostic & Research using Microarray	Mr. Harish Rotti
12.15 to 12.30 pm	Discussion	

[Back](#)

NSG WORKSHOP-REPORT

The workshop "Next generation sequencing applications in Clinical Research" was conducted on 21st November 2019, from 9.00 am to 12.30 pm, at EMD auditorium, Yenepoya Medical College Hospital. This workshop was organized by Yenepoya Research Center, Yenepoya (Deemed to be University) in collaboration with Thermo Fisher Scientific, Bangalore. The main focus of the workshop was to introduce the basics of Next generation sequence and its significance in clinical setup. More than 150 delegates attended the workshop from different departments of Yenepoya University including Yenepoya Research Center, Yenepoya Dental College, Yenepoya Medical College and other colleges including St. Aloysius College, Mangalore and Mangalore University, Konaje.

The organizing committee consisted of Dr. Rajesh Shastry, Dr. Sudeep D Ghate, Dr. Shruthi Kanthaje, Ms. Apama Hegde, Ms. Sajida, Ms. Sneha, Ms. Saptami, Ms. Athmika, Mr. Suresh, Mr. Rajath, Mr. Param, Mr. Vijay, Dr. Ashwini Prabhu, Mr. Vipin, Ms. Pooja, and Ms. Fida.

The introductory note for the workshop was addressed by Dr Rekha P. D., Deputy Director, Yenepoya Research Center. Mr. P. C. Raju Yadav, Product specialist from Thermo Fisher Scientific delivered the talk on NGS "Application in Reproductive Health & Microbial Sequencing", followed by Dr. Rahul Bhattacharyya's (Scientist, Thermo Fisher Scientific) talk on "NGS Application in Oncology & Nutrigenomics" and Mr. Harish Rotti (Product Specialist, Thermo Fisher Scientific) on "Microbiome for Diagnostic & Research using Microarray". The workshop was concluded with vote of thanks delivered by Dr Shruthi Kanthaje.

Funding:

A registration fees of 100/- was collected from each registered participant. A university sanction of 30,000/- was provided from the University for conducting the workshop and the same was utilized for conducting the workshop.



Figure 1. Group photo with NGS team



Figure 2. NGS workshop participants



Figure 3. Honouring the workshop resource person



YENEPOYA MEDICAL COLLEGE



Report of Foundation Course for MBBS Students of 2019 Batch 1 August 2019 to 31

August 2019

Foundation Course for 2019 batch of MBBS students as per the guidelines from MCI and UGC was conducted by Yenepoya Medical College. It was organized by the Medical Education Unit, YMC and the Foundation Course Committee.

Foundation Course or the Induction Course aims to ease the transition of students to the professional course. It included Orientation to the Course and Profession, Skill Module, Professionalism, Ethics, Field Visits, Sports, Extracurricular Activities, Language and Computer Skills to prepare the students to become effective doctors.

Date and Duration: 1 August 2019 to 31 August 2019

30 Days; 195 hours

Monday to Saturday - 8 am to 4 pm

Venue: Yendurance Zone and Indoor Auditorium, YMC

Course Coordinators: Dr. Rashmi Jain, MEU

Coordinator & Dr. Aswini Dutt, Convener, Foundation

Course Committee **Number of students who attended the course - 150**

The total number of Resource Faculty

Members In house – 77

Invited External Resource Faculty – 07

Assessment – Formative

Most of the sessions had a built in assessment activities and assignments to encourage self directed learning.

Some sessions related to Ethics, professionalism and communication will be assessed as a part of Internal Assessment.

Record keeping & documentation - In the log books

The log book will also be assessed and marks assigned. The marks would be added in Formative assessment with phase 1 subjects.

01.08.2019 to 30.08.2019

Foundation Course – 2019 YMC

Page 2

Rashmi
Co-ordinator
Medical Education Unit
Yenepoya Medical College, Deraiakatte
Mangalore

[Signature]
PRINCIPAL / DEAN
YENEPOYA MEDICAL COLLEGE
MANGALORE-575018



YENEPOYA MEDICAL COLLEGE



Key features of Foundation Course @ YMC

- All the resource faculty were requested to prepare teaching modules for each component of Foundation course as per the prescribed guidelines that included Session objectives, TL methods, Activities, Reflections in structured format, Assignments, and Assessments.
- The student Logbook was designed for the entire course. This was in the form of log of sessions and reflections on sessions.
- Google Classroom was created for the purpose of using e portal for submission of assignments, feedbacks etc. This also enabled the course coordinators to share resources and time table schedules with the students.
- Google forms, Google doc and Google photos for documentation were used for daily assignment submissions, daily session feedback and Reflections.
- The resources shared were Movie clips, book for review, movies for competition, Youtube links, Study material, and Reference articles were shared.
- As a part of team building activity, the entire batch was divided into four teams. This helped in conducting several team-based activities and also enhanced team dynamics
- A variety of interactive activities and 20 different competitions were conducted for all the students who were divided into 4 Teams.
- 2100 online feedbacks have been collected for the sessions by the students.
- 40 Preclinical Faculty coordinated the daily sessions in which 90 faculty members from YMC and 5 external faculty members were the resource persons for this entire foundation course.

The topics discussed under different contents are mentioned below.

Roshni
Co-ordinator
Medical Education Unit
Yenepeya Medical College, Derakattol
Mangalore

[Signature]
PRINCIPAL / DEAN
YENEPOYA MEDICAL COLLEGE
MANGALORE-575018

Figure 1 Welcome Banner Content



Figure 2: Time distribution of various topics/ broad areas covered in the foundation course

Content	No. of hours
Orientation	25
Skill Module	40
Field Visits	10
Professionalism, Ethics	40
Sports, Yoga	16
Extracurricular Activities	14
Kannada Language	12
English Language	12
Computer Skills	13

Foundation course- MBBS 2019

Rashmi
Co-ordinator
Medical Education Unit
Yenepoya Medical College, Deralakatte
Mangalore

SKILLS TRAINING

- Basic Life Support
- Universal precautions
- Immunisation
- Waste management
- Personal Protection
- First aid



COMPUTER SKILLS

- ICT in education.
- YENGAGE
- Online security & safety
- Data management
- Tools for Collaborative works
- Blogs & Social networking skills
- Basics of Photography, image processing, Geo-tagging



Foundation course- MBBS 2019

[Handwritten signature]

Kash
Co-ordinator
Medical Education Unit
Yenepoya Medical College, Deralakatte

Feedback was collected from the students using Google form which showed that students were of the opinion that

- The foundation course 2019 achieved the objectives as stated in the beginning of the programme
- It was useful, logically sequenced and effective
- It generated interest towards MBBS Program and improved overall understanding of various roles of health professional
- Various activities planned and interactions in foundation course were good
- Overall students enjoyed and were benefitted from this course.

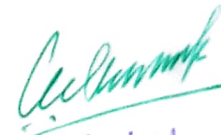
Kashi
Co-ordinator
Medical Education Unit
Yenepya Medical College, Berakatte
Mangalore

Foundation course- MBBS 2019

YENEPOYA HOMOEOPATHIC MEDICAL COLLEGE & HOSPITAL

Report of debriefing and awareness on 'YENGAGE'

The session was conducted at Yenepoya Homoeopathic Medical College Hospital campus on 12/07/2019 at 2 pm. Resource person for the session was Mr. Rajesh Karkera Deputy Director Information and Technology Yenepoya deemed to be university. The resource person have explained in detail about enrolment, logging in and the different uses of the YENGAGE in the curricular activities including the availabilities of study materials and regarding submission of the assignments or the projects. Then the students had asked a few queries and Mr.Rajesh has cleared all the doubts. All 60 students from the 2018-19 batches were present for the session.


Dean / Principal
Yenepoya Homoeopathic
Medical College & Hospital
Karnataka - 575 018

YENEPOYA HOMOEOPATHIC MEDICAL COLLEGE & HOSPITAL

Topic: 'Yengage' (e-learning)

Date: 12-07-2019

Resource Person: Rajesh Karkera

Time: 2:00 P.M

Venue: University Campus

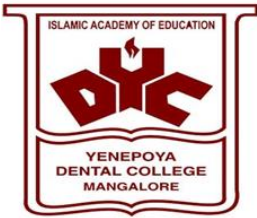
List of Students

Sl.No	Name	Id no.	Signature
1	Mr B AbhinavBnu	10442	
2	Ms Adarsa N. Guri	10462	
3	Ms Aditha N Guri	10464	
4	Ms AnsabaNarjees V. M	10448	
5	Ms Anusree k	10450	
6	Ms Aparana T. R	10439	
7	Mr Ashik A. P	10444	
8	Mr AsitSaiyyal	10445	
9	Ms Chaitralaxmi	10435	
10	Ms Dhanalakshmi K. Y	10453	
11	Mr DhaneshBoru	10449	
12	Ms Drishya P	10450	
13	Ms FathimaShahma .B	10440	
14	Ms FizaNasrin	10436	
15	Ms HasnaAbdurahaman	10465	
16	Mr Hrithik B. Sanghvi	10456	
17	Ms JubnaU.k	10459	
18	Ms KadeejaFahiza P.C	10431	
19	Ms MajithaSulthana	10446	
20	Ms MisbaMahtab Khan	10441	
21	Ms Mufeeda B	10433	
22	Ms NannaFazna	10432	
23	Ms Resha Salam k	10461	
24	Ms Resmiya Rahim	10451	
25	Ms RiswanaThasneem	10434	
26	Ms Rosemary C.S	10438	
27	Ms SaljalHashim .V	10447	

28	Ms A P. Suhma Sifar	10437	
29	Ms Theresa Mathews	10437	
30	Mr VaseemRoshan K I	10439	
31	Ms Vasima V N	10460	
32	Ms Yaziya	10411	
33	Mr Yedu Hrlak	10458	
34	Ms Mufeedakolayyal	10466	
35	Ms Devika S Babu	10460	
36	Ms Hiba Hasm K P	1046	
37	Ms Nisha Mousy Adok	10471	Nisha
38	Ms Priya Mousy	10477	Priya
39	Ms Avishna	10469	Avishna
40	Ms Vinaya Priya	10480	
41	Ms Reddymalla Ihansi	10496	
42	Ms Abhirami	10470	Abhirami
43	Ms Bandari Smitha	10498	Smitha
44	Ms Maisam	10497	Maisam
45	Ms Aishwarya Nagavekar	10499	Aishwarya
46	Ms Khatija Suhama	10504	
47	Ms Dillarzana Sheik	10502	
48	Mr Nazib/ameel	10505	Nazib/ameel
49	Ms Devi Reddy Madhuri Reddy	10506	Madhuri Reddy
50	Ms Soniya Palam	10507	Soniya
51	Ms Sharbinal Amiya	10501	Sharbinal
52	Ms Fawziya	10503	Fawziya
53	Mr Vishnu M.S	10509	Vishnu
54	Ms Shahista Farhin	10510	Shahista Farhin
55	Mr Wasif Chaudhary	10511	Wasif
56	Ms Anoushka Reddy	10514	Anoushka
57	Ms Gandalla Priyamvada	10512	Priyamvada
58	Ms Amrutha .K	10516	Amrutha
59	Ms K Sri Jahnavi Mounceka	10517	Jahnavi
60	Mr Safiullah	10518	Safiullah

C. Lakshmi
Dean / Principal

Yenepoya Homoeopathic
Medical College & Hospital
Karnataka - 575 018



YENEPOYA

(DEEMED TO BE UNIVERSITY)

Recognized under Sec 3(A) of the UGC Act 1956

Accredited by NAAC with 'A' Grade

Continuing Dental Education on

Quality-Assured Data Capture using Epicollect

Organized by

Department of Public Health Dentistry
Yenepoya (Deemed to be University)
Deralakatte, Mangalore-575018
Karnataka, India

20th June, 2019



Date: 11.05.2019

From,
Head of the Department,
Department of Public Health Dentistry,
Yenepeya Dental College.

To,
The Registrar,
Yenepeya (Deemed to be University).

Through,
The Principal,
Yenepeya Dental College.

Respected Sir,

Sub: Proposal for conducting CDE from Department of Public Health Dentistry

The Department of Public Health Dentistry, YDC plans to conduct a CDE Program titled "Quality-Assured Data Capture using Epicollect" on 20th June 2019 at the Auditorium, Yenepeya Dental College. Faculty and Postgraduate students from the Department and from surrounding colleges will be attending the program. I request you to consider the proposal and grant us permission to conduct the program.

Thanking you,

Yours faithfully,



Dr. Rekhaj S. Shetty
HEAD OF DEPARTMENT OF
PUBLIC HEALTH DENTISTRY
DATE: 11/5/19



Date: 22-05-2019

From,
Head of the Department,
Department Of Public Health Dentistry,
Yenepoya Dental College.

To,
Finance Officer,
Yenepoya University.

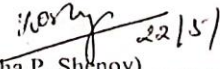
Respected Sir,

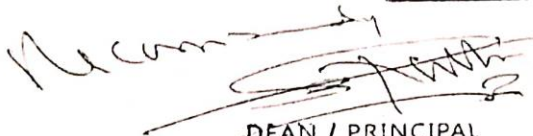
Sub: Advance of financial assistance for CDE programme.

The Department of Public Health dentistry has received permission to conduct CDE program on titled "Quality-Assured Data Capture using Epicollect" on 20th June 2019 .and has been sanctioned financial assistance of 23,000/- from the University. I request you to kindly give advance payment towards the same.

Thanking you,

Yours faithfully,


(Dr. Rekha P. Shenoy)
HEAD OF DEPARTMENT OF
PUBLIC HEALTH DENTISTRY
DATE:.....


DEAN / PRINCIPAL
Yenepoya Dental College
Yenepoya Deemed to be University
University Road, Dara!akatte
Mangaluru-575018

No. Y/REG/ACA/CDE/08/Public Health/2019

20.05.2019

The Principal
Yenepoya Dental College

Sub: CDE on "Quality-Assured Data Capture using Epicollect" on 20th June 2019

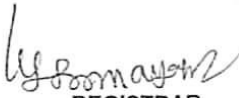
Ref: Letter dated 14.05.2019 received from the Professor & HoD, Department of
Public Health Dentistry

Permission is granted to organize CDE on "Quality-Assured Data Capture using Epicollect" on 20th June 2019 from 9.00 a.m. to 5.00 p.m. at Dental Auditorium, 5th Floor, Yenepoya Dental College. The following are the Resource Persons for the programme.

1. Dr. Abhay S. Nirgude, Professor & HoD, Department of Community Medicine
2. Dr. Poonam R. Naik, Professor of Community Medicine
3. Dr. Akshaya K.M., Associate Professor of Community Medicine
4. Dr. Pracheth R., Assistant Professor of Community Medicine

Sanction is accorded for the financial assistance of Rs.23,000/- (Rupees twenty three thousand only) from the University subject to the production of bills & vouchers.

You are requested to submit a report on the conduct of the CDE with photograph within a week's time for our records


REGISTRAR
mi 20/5

Copy to:

1. HoD, Department of Public Health Dentistry
2. P.R.O {with a request to provide Audio/Video/ photography for the programme }
3. GM, Food Craft
4. P.A. to Registrar
5. Maintenance Section
6. Housekeeping Section
7. File copy



DEPARTMENT OF PUBLIC HEALTH DENTISTRY
Yenepoya Dental College, Mangalore

Invites you to the
CDE Programme on

Quality-Assured Data Capture using Epicollect

HANDS-ON FULL DAY WORKSHOP

On Thursday 20th June 2019 from 9.00 am to 5.00 pm

Venue: Yenepoya Dental College Auditorium, 5th floor
Yenepoya (Deemed to be University) Campus
Mangaluru - 575018

Inauguration by
DR. B.H. SRIPATHI RAO
Principal

Presided by
DR. ISMAIL B
Professor & Chairman, Dept of PG Studies and Research in Statistics,
Mangalore University

Dr. Gangadhara Somayaji K.S.
Registrar

Dr. B.H. Sripathi Rao
Principal/Dean

Dr. Rekha P. Shenoy
HOD Dept. of Public Health Dentist

Report on CDE Programme on “Quality Assured Data Capture using Epicollect”

The Department of Public Health Dentistry conducted a CDE programme on 20th June, 2019 at Yenepoya Dental College Auditorium. The topic for the program was - “Quality-Assured Data Capture using Epicollect”. The Resource Persons were

1. Dr. Abhay S. Nirgude, Professor and Head
2. Dr. Poonam Naik, Professor
3. Dr. Akshaya KM, Associate Professor, and
4. Dr. Pracheth R, Assistant Professor, from the Department of Community Medicine, Yenepoya Medical College.

Dr. Laxminarayan Sonde, Reader, Dept. of Public Health Dentistry, YDC, Dr. Pavithra H. and Dr. Subhashree Nandy, postgraduate students from the Department of Community Medicine, YMC, had received training earlier in using EpiCollect and were the facilitators for the program.

The program began at 9.30 am and was inaugurated by Dr. Ismail B., Professor & Chairman, Department of PG studies and Research in Statistics, Mangalore University. The other dignitaries present were Dr. BH Sripathi Rao, Principal, Yenepoya Dental College, Dr. Rekha P. Shenoy, Professor and Head, and Dr. Praveen Jodalli, Reader, Dept. of Public Health Dentistry. Dr. Rekha P. Shenoy welcomed the gathering. Dr. BH Sripathi Rao spoke on the importance of statistics in the health research. Dr. Ismail B. delivered the Presidential Address stressing on how knowledge of biostatistics has become imperative in the field of academics. Dr. Praveen Jodalli delivered the Vote of Thanks.

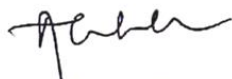
25 delegates (faculty and postgraduate students) participated in the programme. The programme included both lectures and hands-on exercises using Epicollect. The Programme ended with an interactive and feedback session. Participants found the course very beneficial. They appreciated the organizers for the innovative topic chosen and enquired about further sessions on such topics. The program concluded at 4.15 pm.



Photograph 1: Session - Hands on Workshop on 'Epicollect'



Photograph 2: Participants of Workshop on 'Epicollect'


DEAN / PRINCIPAL
Yenepoya Dental College
Yenepoya Deemed to be University
University Road, Deralakatte
Mangaluru-575018



YENEPOYA
(DEEMED TO BE UNIVERSITY)
Recognized under Sec 3(A) of the UGC Act 1956
Accredited by NAAC with 'A' Grade

4. Analytical skill development 2018-2019



YENEPOYA

(DEEMED TO BE UNIVERSITY)

Recognized under Sec 3(A) of the UGC Act 1956
Accredited by NAAC with 'A' Grade

Workshop on

NextGen-based whole genome sequencing,
Assembly and Annotation

Organized by

Yenepoya Research Centre
Yenepoya (Deemed to be University)
Deralakatte, Mangalore- 575018
Karnataka, India

May 23-25, 2019

B. Somayaj
Registrar
YENEPOYA
(Deemed to be University)

Ref: No. YU/REG/AC/08/Workshop/2019

26.04.2019

Dy. Director
Yenepoya Research Centre

Sub: Workshop at YRC from 20.05.2019 to 25.05.2019

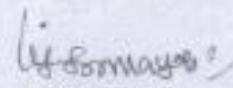
Ref: Letter dated 17.04.2019 from Dr. T S Keshava Prasad, Professor,
CSBMM, YRC

Permission is granted to organize Workshop titled "Fundamentals of Mass Spectrometry-Based Proteomics for Beginners" and NextGen Sequencing-based Whole Genome Sequencing, Assembly and Annotation from 20.05.2019 to 22.05.2019 & 23.05.2019 to 25.05.2019 at Yenepoya Research Centre.

Sanction is accorded for the following:-

1. Audiovisual devices including LCD projectors, speakers and photographers
2. IT support for lab demonstration sessions (laptops/desktops with Wi-Fi connections)
3. Transportation to & fro from the venue
4. Accommodation to the participants to be charged at: Single Occupancy Rs.1100/- per night Double Sharing Rs.600/- per person per night
5. To the guest speakers at the Meridien Apartments and transportation for free of cost
6. Financial Assistance Advance of Rs.25,000/- for stationary and printing expenses.
7. Clerical assistance: Staff to be posted from YRC

There shall be no financial implication to the University. The advance amount may be reimbursed after the workshop.


REGISTRAR
26/4

Copy to:

1. The Finance Officer
2. Dy. Director, IT
3. P.R.O.
4. Supdt. Transport
5. Executive Chef
6. Mr. Latheesh
7. Maintenance/Housekeeping Section
8. Academic Section

Report on the intensive hands on “Workshop on NextGen-based Whole Genome Sequencing, Assembly and Annotation”

Center for Systems Biology and Molecular Medicine organized Intensive hands on workshop on “NextGen-based Whole Genome Sequencing, Assembly and Annotation” at Yenepoya University from May 23-25, 2019. This workshop covered introductory lectures on high-throughput sequencing. Hands-on sessions included NGS data analysis, quality control, alignment of whole-genome and whole-exome sequencing data against human genome as reference, subsequent variant identification and functional annotation. The workshop also covered basics of R scripting language and demo on how to plot various plots. The workshop was attended by 13 participants, 6 were from different institute and 7 were the internal students of CSBMM.

Workshop schedule

The talks at the workshop were delivered by 3 external speakers, Institute of Genomics and Integrative Biology, Delhi; Kasturba Medical College, Manipal; Molsys Pvt. Ltd., Bangalore and 4 internal speakers from YU-IOB CSBMM. The talks delivered at the workshop were as follows:

Title of the Talk	Speaker name and affiliation
Welcome note	Dr. T. S. Keshava Prasad
Inter individual gene expression variability through the lens of Ayurveda	Dr. Debasis Dash
Introduction to high throughput sequencing platform – big data analysis using cloud	Mr. Gaurab Banerjee
Basics of LINUX & “R” programming language	Mr. Arun H. Patil
Application of NGS in clinic	Dr. Girisha M. Katta
RNA Biology and its applications	Dr. Raghu Bhushan
Different data formats for sequencing data	Mr. Sandeep K
Quality filter and processing raw data	Mr. Santosh K. Behera
De novo assembly and Gene prediction	Ms. Kriti
Functional transcriptomics post ENCODE era and its applications	Dr. Raghu Bhushan
Genomics: A multifaceted discipline	Dr. Shankar Prasad Das

Day 1

The session started with welcome speech by Dr. T.S. Keshava Prasad. He delivered an overview of genomics and explained the key concepts and challenges in the area. He has briefed the genome sequencing, assembly, annotation, identifying missed genes and integrating the multiomics technology for better annotation. He has also added the concept of proteogenomics and its applications towards improving the genome annotations. The next talk was by Dr. Dash.

He gave a talk entitled “Inter individual gene expression variability through the lens of Ayurveda”, where he explained the classification of various ayurvedic conditions applying the machine learning approaches. He has explained the sample collection strategies collaborating with the Ayurvedic practitioner, detecting the features and training and building a model using random forest algorithm. The next session was taken by Mr. Arun H. Patil. He gave a demo on Linux terminal commands and its utility. In this session he has covered basic directory operations such as creating, listing, changing and removing directory and files. He has given an insight into the pattern matching in files using grep command. Post lunch session was taken by Dr. Girisha M. Katta. He delivered talk on “Application of NGS in clinic”. He explained about genetic testing utilizing NGS applications in neonatal care. He also focused about metabolomics and genetics involved in various types of cancer and rare genetic diseases. Next session was taken by Mr. Gaurab Banerjee. The talk entitled “Introduction to high throughput sequencing platform – big data analysis using cloud”, Mr. Banerjee explained the technical challenges facing in the area of big data and NGS analysis. He has briefed the Cloud computing as a solution to such challenges. The last session of the day was continued with the Hands-on session on Linux, all the workshop participants executed the Linux commands necessary for basic use and NGS data analysis.



Figure 1: Dr. T. S. Keshava Prasad delivering a lecture on Introduction to NGS and its applications

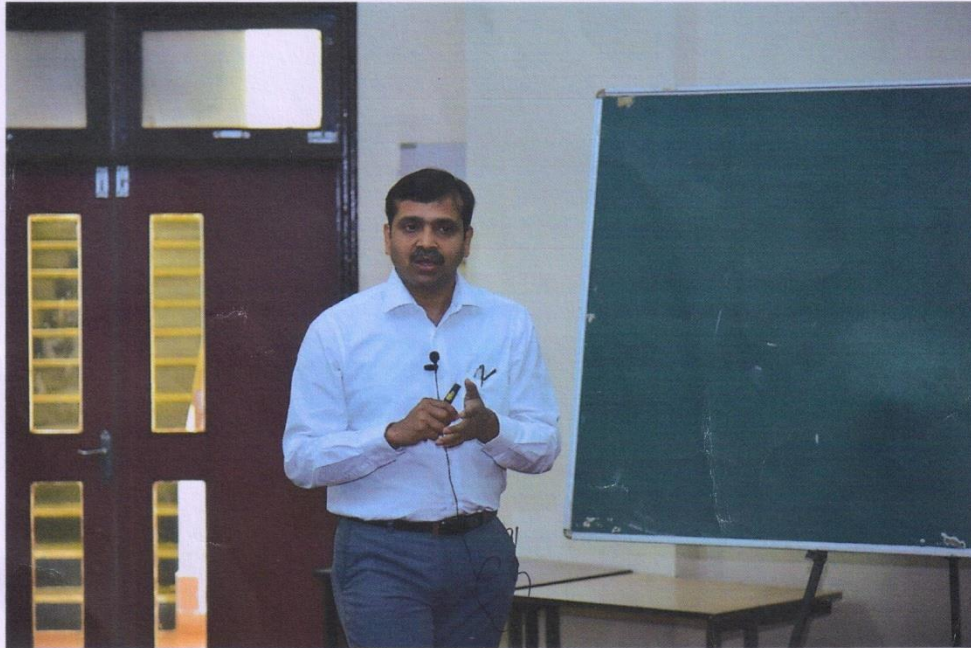


Figure 2: Dr. Debasis Dash delivered a talk on Inter individual gene expression variability through the lens of Ayurveda



Figure 3: Dr. Girish M. Kattadelived a talk on Application of NGS in clinic



Figure 4: Mr. Gaurabdelived a talk on cloud computing and its applications in NGS

Day 2

The day 2 began with the talk by Dr. Raghu Bhusan. He gave a brief incites of difference between transcriptomic and micro array technology their usage and applications. He also explained about the types of bioinformatics tools and software used in transcriptomic data analysis. The next session was continued by Mr. Sandeep on briefed on the various file formats available for NGS data. Here, he has explained on fastq, Sequence Alignment Map (SAM), Binary Alignment Format (BAM), and Variant Calling File (vcf). He has also demonstrated the Sequence Read Archive (SRA) repository in NCBI and various ways to download the data.

Next session was taken by Mr. Santosh on the concept of Phred Score and its importance was explained by Mr. Santosh. He has also explained the derivation of the Phred quality score and how to check and interpret these qualities using Fastqc tool. The pre lunch session was taken by Ms. Awasthi. She explained the concept of genome assembly using various tools and algorithms. She briefed the de-bruijn algorithm for the assembly and the statistical parameters to check the quality of the assembly. She has also explained the gene prediction and annotation using Augustus tool. Afternoon, post lunch session was the hands-on session, all the participants download the NGS data from the Sequence read archive (SRA) repository and converted the

SRA file to fastq format and performed the quality check for the fastq paired-end files. They performed the de-novo assembly and generated the scaffolds. As part of annotation, the participants performed the gene prediction for the generated scaffolds.



Figure 5: Dr. Raghu Bhushan gave the talk on RNA Biology and its applications



Figure 6: Workshop participants involved in the Linux hands-on session

Day 3

Dr Raghu bhushan took the talk on Functional transcriptomics post ENCODE era and its applications. He explained about the basics of microarray and transcriptomics. He also nicely explained the technology behind it in detail. He discussed about some of the applications of NGS data analysis. He also explained about the data analysis pipeline in detail.

The next session was on variant calling hands-on, the participants performed the alignment, SAM to BAM file conversion, sorting the BAM files and calling the variants and annotating the variants.

The pre lunch session was taken by Dr. Shankar Prasad Das. He talked about Genomics: A multifaceted discipline. He made the topic very informative for the participants by starting it from the basics of genes, proteins and explaining about genome and then moving on to proteome. His session was very interactive and he also mentioned about some pioneer scientists from the field of genomics.

The post lunch session was taken by Mr. Santosh, He took demo session on R programming language and learning packages. He also gave the demo for plotting the various plots such as heatmap, volcano plot, voline plot and other plots.



Figure 7: Dr. Shankar Prasad delivered a talk entitled “Genomics: A multifaceted discipline”

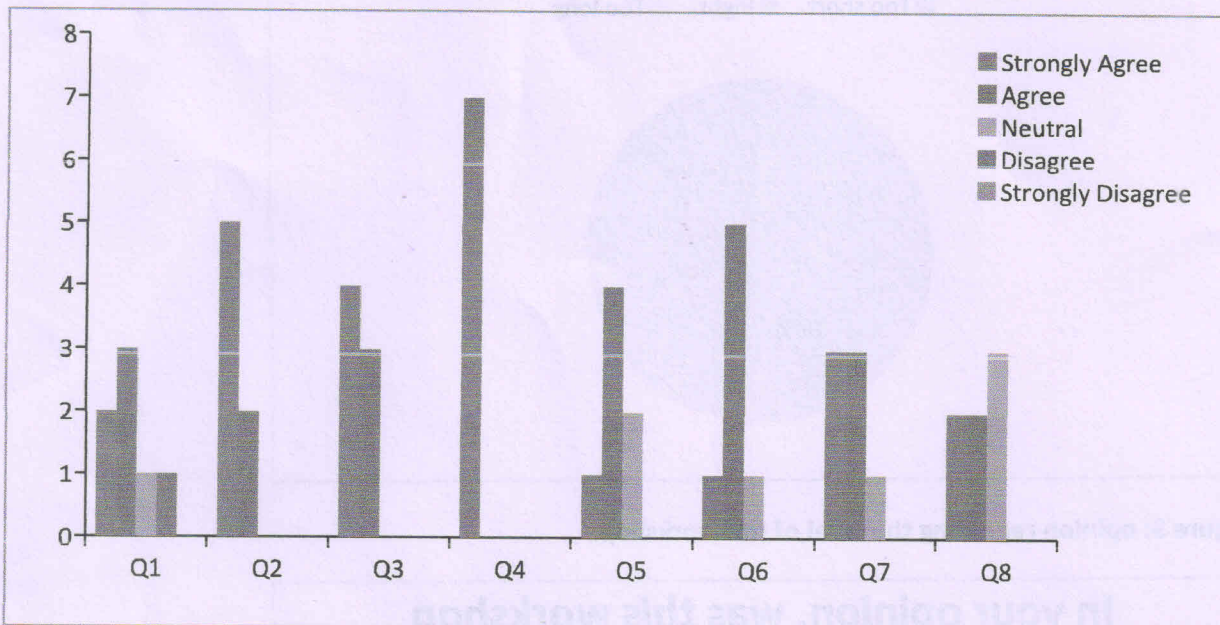


Figure 8: Dr. Raghu Bhushan delivered a talk entitled “Functional transcriptomics post ENCODE era and its applications”

R. R. P. D.
Deputy Director
Yenepoya Research Centre
Yenepoya (Deemed to be University)
Deralakatte, Mangaluru-575018

Feedback Analysis: "Nextgen sequencing based whole genome sequencing, assembly and annotation"

Figure1: Feedback on the content and workshop organisation



Q1	The content was as described in publicity materials
Q2	The workshop was applicable to my job
Q3	I will recommend this workshop to other conservators
Q4	The program was well paced within the allotted time
Q5	The instructor(s) was a good communicator
Q6	The material was presented in an organized manner
Q7	The instructor(s) was knowledgeable on the topic
Q8	I would be interested in attending a follow-up, more advanced workshop on this same subject

Figure 2: feedback regarding duration of the workshop

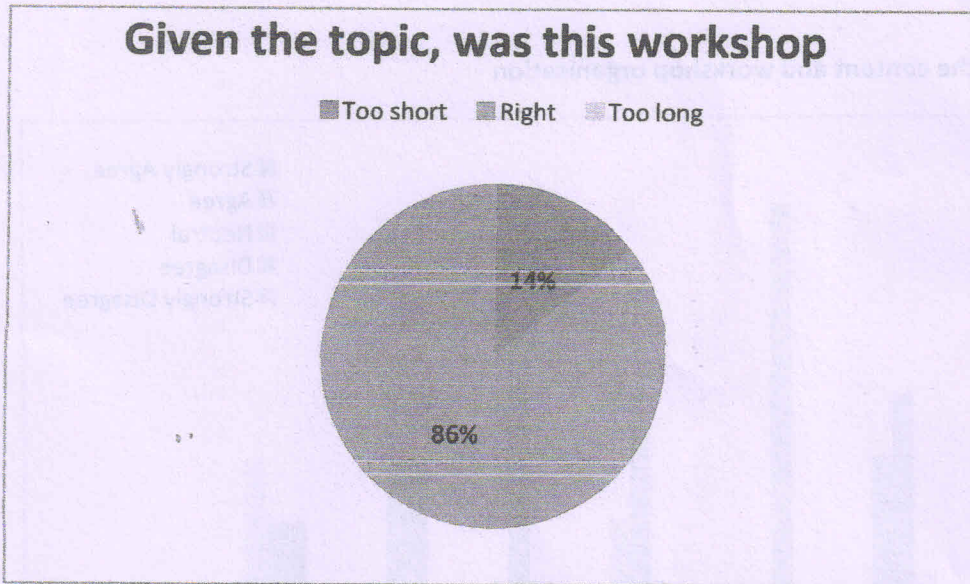
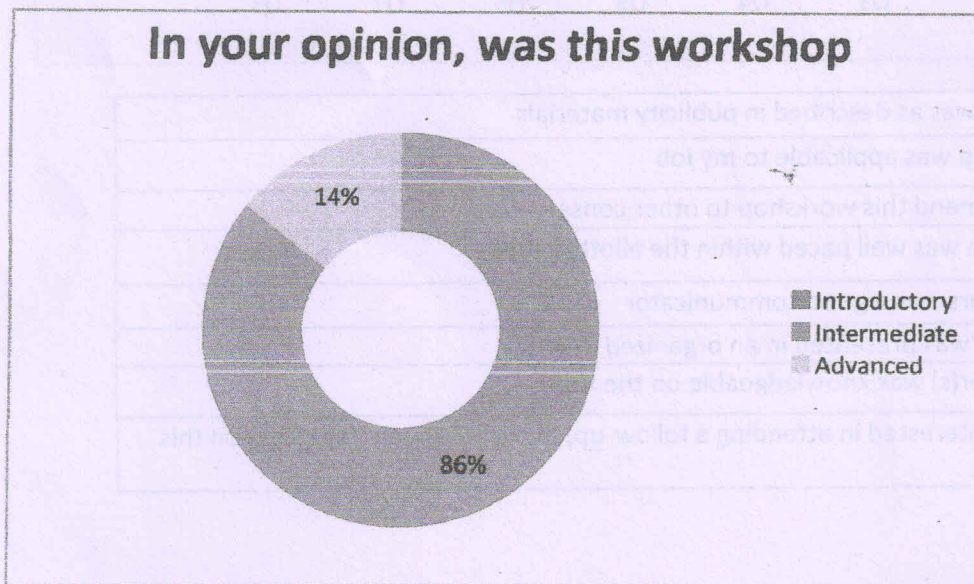


Figure 3: opinion regarding the level of the workshop.





YENEPOYA
(DEEMED TO BE UNIVERSITY)
Recognized under Sec.3(A) of the UGC Act 1956
Accredited by NAAC with 'W' Grade

Workshop on

Fundamentals of mass spectrometry-based
proteomics for beginners

Organized by

Centre for Systems Biology and Molecular Medicine
Yenepoya Research Centre
Yenepoya (Deemed to be University)
Deralakatte, Mangalore- 575018
Karnataka, India

May 20-22, 2019

Prasanna Mysore
Registrar
YENEPOYA
(Deemed to be University)

Ref: No. YU/REG/AC/08/Workshop/2019

26.04.2019

Dy. Director
Yenepoya Research Centre

Sub: Workshop at YRC from 20.05.2019 to 25.05.2019

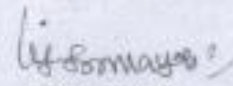
Ref: Letter dated 17.04.2019 from Dr. T S Keshava Prasad, Professor,
CSBMM, YRC

Permission is granted to organize Workshop titled "Fundamentals of Mass Spectrometry-Based Proteomics for Beginners" and NextGen Sequencing-based Whole Genome Sequencing, Assembly and Annotation from 20.05.2019 to 22.05.2019 & 23.05.2019 to 25.05.2019 at Yenepoya Research Centre.

Sanction is accorded for the following:-

1. Audiovisual devices including LCD projectors, speakers and photographers
2. IT support for lab demonstration sessions (laptops/desktops with Wi-Fi connections)
3. Transportation to & fro from the venue
4. Accommodation to the participants to be charged at: Single Occupancy Rs.1100/- per night Double Sharing Rs.600/- per person per night
5. To the guest speakers at the Meridien Apartments and transportation for free of cost
6. Financial Assistance Advance of Rs.25,000/- for stationary and printing expenses.
7. Clerical assistance: Staff to be posted from YRC

There shall be no financial implication to the University. The advance amount may be reimbursed after the workshop.


REGISTRAR
26/4

Copy to:

1. The Finance Officer
2. Dy. Director, IT
3. P.R.O.
4. Supdt. Transport
5. Executive Chef
6. Mr. Latheesh
7. Maintenance/Housekeeping Section
8. Academic Section

Report

Report on the intensive hands on "Workshop on Fundamentals of Mass Spectrometry-based Proteomics for Beginners"

Center for Systems Biology and Molecular Medicine organized intensive hands on workshop on "Workshop on Fundamentals of Mass Spectrometry-based Proteomics for Beginners" at Yenepoya University from May 20-22, 2019. This workshop covered introductory lectures on introduction to proteomics. Apart from the lectures delivered, the workshop also covered demo sessions on TMT labeling and hands-on sessions on sample preparation, data analysis of qualitative and quantitative proteomic data along with operation of Orbitrap Fusion Tribrid mass spectrometer and data analysis using Proteome Discoverer with SequestHT as search algorithm. The workshop also covered basics of mass spectrometry and various concepts of mass spectrometry data analysis. The workshop was attended by 16 participants, 4 were from different institutes and companies, 2 were from different departments of Yenepoya (Deemed to be University) and 10 were the internal students of CSBMM.

Workshop schedule

The talks at the workshop were delivered by 5 external speakers, Institute of Genomics and Integrative Biology, Delhi; Norwegian University of Science and Technology, Norway; Molsys Pvt. Ltd., Bangalore and 5 internal speakers from CSBMM. The talks delivered at the workshop were as follows:

Title of the Talk	Speaker name and affiliation
Welcome note "Introduction to proteomics"	Dr. T. S. Keshava Prasad
Proteogenomic Tools and Approaches to Explore Protein Coding Landscapes of eukaryotic Genomes	Dr. Debasis Dash, IGIB
Data science	Mr. Gaurab Banerjee, Molsys Pvt. Ltd
Immunology and Inflammation	Dr. Richard K Kandasamy, NTNU
Quantitative proteomics	Dr. Sneha M Pinto, NTNU
Biological interpretation of differential omics data: Gene set enrichment analysis	Dr. Yashwanth Subbannayya, NTNU
Sample preparation strategies and Quantitative and qualitative data analysis	Ms. Varshasnata Mohanty
Basics of LC-MS/MS analysis	Mr. Mohd. Altaf Najar
Key concepts of mass spectrometry data analysis	Ms. Sweta Hallur
Validation of proteomic data	Ankur Tyagi

Day 1

The session started with welcome speech by Dr. T.S. Keshava Prasad. He delivered an overview of proteomics and explained the key concepts and challenges in the area. He has briefed the basics of proteomics and integrating the multiomics technology for better annotation. The next talk was on "Sample preparation strategies" by Ms. Varshansata Mohanty followed by talk by Mr. Mohd Altaf Najar on "Basics of LC-MS/MS analysis". This was followed by a hands-on session on sample preparation strategies by Mr. Chinamaya Narayana and Mr. Ankur Tyagi.



Figure 1: Dr. T. S. Keshava Prasad delivering a lecture on Introduction to proteomics and its applications



Figure 2: Ms. Varshansata Mohanty delivering a lecture on Sample preparation strategies

Day 2

The day 2 began with the talk by Ms. Sweta Hallur. She gave a brief incites on key concepts of mass spectrometry data analysis. She also explained about the types of search algorithms and software used for data analysis. The next session was devoted to the continuation of the sample preparation and clean-up hands-on session by Mr. Chinamaya Narayana and Mr. Ankur Tyagi. The afternoon session commenced with the talk on "Quantitative and qualitative data analysis" presented by Ms. Varshasata Mohanty using Proteome Discoverer. After this there was a talk on "Immunology and Inflammation" given by Dr. Richard K Kandasamy followed by the talk on "Quantitative proteomics" and "Biological interpretation of differential omics data: Gene set enrichment analysis" by Dr. Sneha M. Pinto and Dr. Yashwanth Subbannayaa, respectively.



Figure 3: Ms. Sweta Hallur delivered a talk on "Key concepts of mass spectrometry data analysis"

Day 3

The morning session the demo on "TMT labelling" guided by Mr. Rex D. A. B. After this there was a talk on "Validation of Proteomic data" given by Mr. Ankur Tyagi followed by the demo and hands-on "Quantitative and qualitative data analysis" by Ms. Varshasnata Mohanty along with Mr. Chinamaya Narayana and Mr. Ankur Tyagi. The next talk was by Dr. Debashis Dash. He gave a talk entitled "Proteogenomic Tools and Approaches to Explore Protein Coding Landscapes of Eukaryotic Genomes". Next session was taken by Mr. Gaurab Banerjee on the talk entitled "Data Science".



Figure 4: Mr. Ankur Tyagi delivered a talk on "Validation of Proteomic data"



Figure 5: Dr. Debashis Dash delivered a talk on "Proteogenomic Tools and Approaches to Explore Protein Coding Landscapes of Eukaryotic Genomes"



Figure 6: Mr. Gaurab Banerjee delivered a talk on "Data science"



Figure 7: Proteomics workshop came with an end with a group photo

R. K. S. D.

Yenepoya Research Centre
Yenepoya (Deemed to be University)
Deralakatte, Mangaluru-575018

Workshop Schedule

Workshop Program		
<p>Day 1: Tutorial Lectures</p> <ul style="list-style-type: none"> • Introduction to proteomics • Fractionation strategies • Sample preparation strategies 	<p>Day 2: Tutorial Lectures</p> <ul style="list-style-type: none"> • Basics of LC-MS/MS analysis • LC-MS/MS operation • Key concepts of Mass spectrometry data analysis 	<p>Day 3: Tutorial Lectures</p> <ul style="list-style-type: none"> • Quantitative proteomics • Validation of proteomics data • Biological interpretation of proteomics data • TMT labeling
<p>Hands on training</p> <ul style="list-style-type: none"> • Sample preparation I (In-gel and in-solution digestion) 	<p>Hands on training</p> <ul style="list-style-type: none"> • Sample preparation II (peptide extraction, C18 clean-up) • Data analysis for qualitative proteomics 	<p>Hands on training</p> <ul style="list-style-type: none"> • Data analysis for quantitative proteomics

Feedback Analysis: Fundamentals of mass spectrometry-based proteomics for beginners

Feedback on the following were sought

Q1	The usefulness of this guest lecture
Q2	The content of the lecture
Q3	Coverage of topics
Q4	Speaker quality
Q5	Scope of interaction
Q6	Stimulation of curiosity
Q7	Timing of the programme/convenience
Q8	Motivation and inspiration for research
Q9	Overall experience

Response

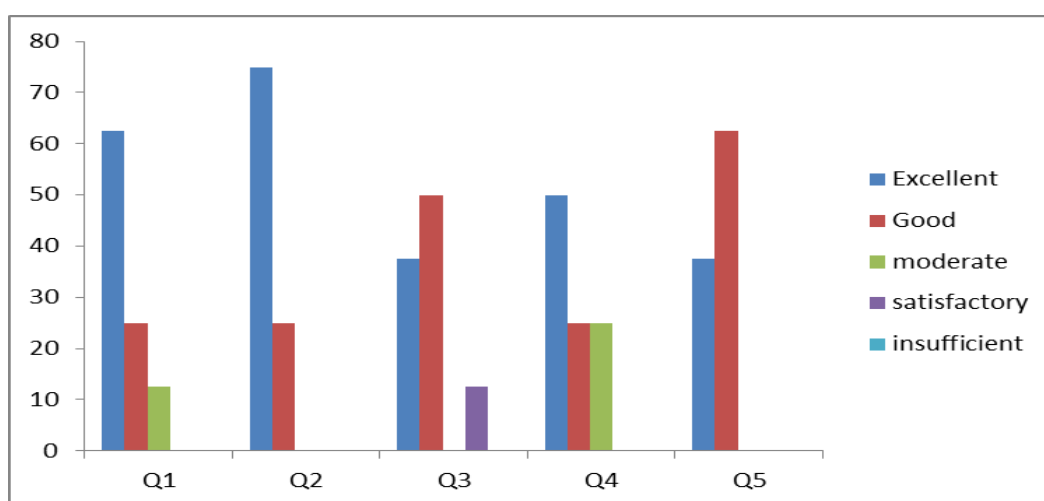


Figure 1: Feedback the content and workshop organization

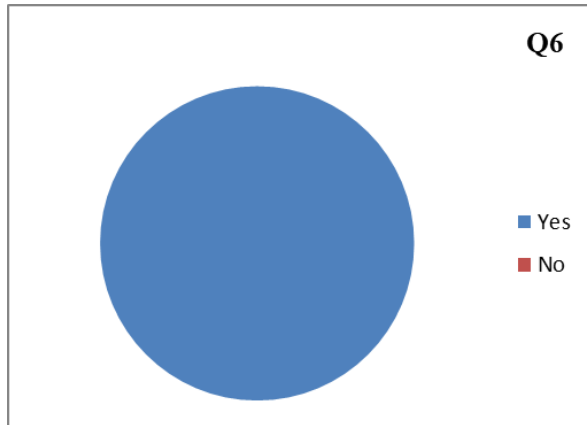


Figure 2: Feedback regarding stimulation of curiosity.

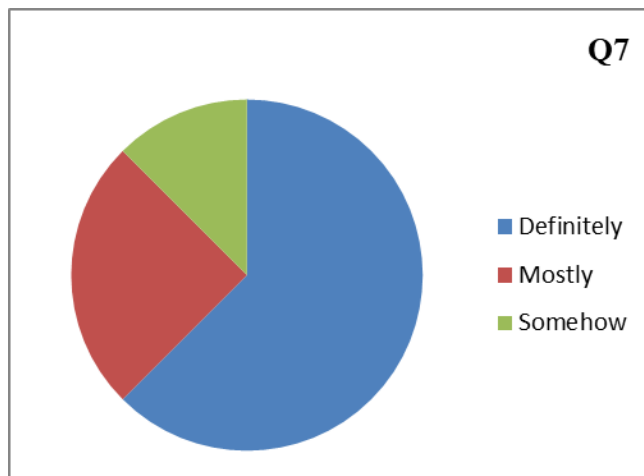


Figure 3: Feedback regarding the convenience of the program.

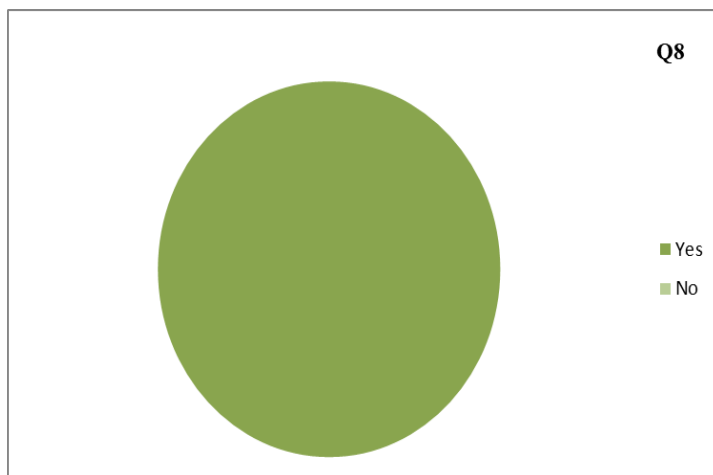


Figure 4: Feedback regarding the inspiration towards research.

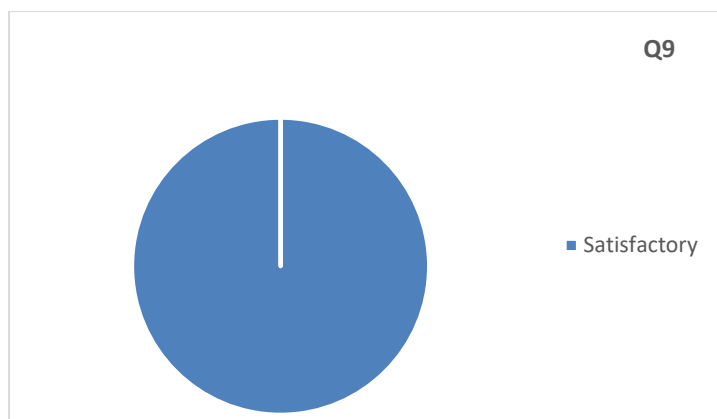


Figure 5: Feedback regarding the overall experience.

Title: Fundamentals of mass spectrometry-based proteomics for beginners

Date: May 20-22, 2019

Sl. No	Name of the participants
1.	Mr. T. Karuthadurai.
2.	Dr.Sajad Ahmed Buch
3.	Dr.Vijaya Shankar Nataraj
4.	Dr.Srinivas R. Deshpande
5.	Dr.YaduNandanDey
6.	Dr.PhilemPushparani Devi

WORKSHOP ON

RESEARCH METHODOLOGY WORKSHOP

PG - 2018

Organised By

Department of Community Medicine, Yenepoya Medical College
Yenepoya Deemed to be University
Deralakatte, Mangalore-575018
Karnataka, India

REPORT OF BASIC RESEARCH METHODOLOGY WORKSHOP FOR FIRST YEAR MEDICAL POST GRADUATES

Basic research methodology workshop for first year medical post graduates of 2018 batch was conducted on 30/08/2018 to 01/09/2018 by Department of Community Medicine and Medical Education Unit, Yenepoya (Deemed to be University) at Indoor auditorium, Yenepoya Medical College. A total of 93 (73 medical, 11 MHA and 9 MSc) post graduates attended this workshop.

The details of the programme are as follows:

Day 1- 30 th August 2018			
Time	Topic	Faculty	Learning Objectives
9.30 am to 10.15 am	Framing a Research Question, Hypothesis and Research Objectives	Dr. Abhay Nirgude,	Define what is a research question Be able to formulate a research hypothesis/es and Writing research objectives(s)
10.15 am to 11:45 pm	Study designs	Dr Poonam Naik Dr Pracheth R	List the types of Study Designs. Describe the uses of various Study Designs Recognize key elements of various study designs
12.00 Noon to 12.45 pm	Literature Search	Dr Madhavi Bhargava	Use of PubMed and Google Scholar search engines How to set up alerts Reference formatting
12.45 pm to 01.30 pm	Review of literature	Dr. Janardhan Aithal	Recognize the importance of performing a literature review Describe the steps in performing a literature review Outline the steps in writing a literature review
2.30 pm to 3.15 pm	Introduction to E-resources & Referencing and bibliography	Ms. Mamtha, Chief Librarian	Resources available under HELINET (RGUGHS), Science direct, Yenepoya Repository, Reference Management software - End Note
3.15 pm to 4.00 pm	Study population and Sampling methods	Dr. Madhavi Bhargava	Recognize the importance of sampling in research Outline the strengths and limitations of sampling methods



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DAY 2- 31st August 2018

Time	Topic	Faculty	
09.00 am – 09.30 am	Re-Cap of Day OneSessions		
9.30am – 10.15am	Principals of data collection Data collection tools and validation of tools	Dr. Navya N	Describe the essential steps in data collection Identify the approaches to ensure data quality during data collection List the tools of data collection
10.15 am – 10.45am	Bio statistical consideration in research including sample size calculation	Ms. HimaniKotian,	Study Variables List the scales of measurement of different types of data Enumerate Various scaling techniques Recognize the role of sample size in the power of a statistical test Determine the sample size required to estimate population parameters Enlist the methods used in Statistical Analysis of data List the software available for dataanalysis
11.00 am – 12.00noon	Measures of disease frequency and variability of data Data entry and management	Dr Imaad Dr.Pracheth R.	List commonly used measures of disease frequency Define prevalence and incidence anddescribe their uses List the measures of central tendency and dispersion Describe the advantages and limitations of these measures Demonstrate data cleaning, coding and storing through a hands-on group activity on MS Excel

DAY 3- 1st September 2018

Time	Topic	Lead Facilitators	
9.00am to 9.30 am	Re-cap of Day twoSessions		
9.30 am to 10.30am	Ethical considerations in Designing and Conducting Research study	Dr. Uma Kulkarni	Principles of ethics Group activity on the concepts of: Autonomy, Vulnerability, Privacy, confidentiality and informed Consent
10.30 pm to 11.30 pm	Protocol Writing	Dr Poonam Naik	Describe the various steps in writing a successful research protocol



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YENEPOYA MEDICAL COLLEGE
MANGALORE-575018

			Outline the important components of a research proposal
11.45 am to 12.15 pm	Plagiarism	Dr Vijayalakshmi Dr Abhay S Nirgude	Define the concept of plagiarism What constitutes plagiarism? Enlist the various tools of measuring plagiarism Describe ways to reduce unintentional plagiarism. Explain the salient features of plagiarism policy
12.15 am to 1.30 pm	Development of protocol 1	All resource persons. All Guides	Writing: The title and research question Objectives Methodology
2.30 pm to 03.30 pm	Development of protocol 2	Dr Uma Kulkarni	Writing of patient information sheet and informed consent
3.30 pm to 4.00 pm	Feedback and Vote of Thanks		

First 2 days sessions were directed towards framing a research question, study design, review of literature, sampling, data collection, data analysis and statistical importance. Each session comprised of a brief outline on the topic, hands on activities, group discussion and interactions among the faculty and post graduates.

On the third day, following the sessions on ethical considerations, development of protocol and plagiarism, the post graduates were made to apply the knowledge gained in the previous two days to their protocols which were discussed, edited and modified in presence of subject experts and resource persons in a systematic way. The facilitators present on third day included - All the faculty members from Department of Community Medicine, and the following PG Guides - Dr Abhay S Nirgude, Dr Poonam R Naik, Dr Akshaya KM, Dr Vidya Pai, Dr Prabhakar Adake, Dr Prema Saldanha, Dr S Padmanabha, Dr Harish Hegde, Dr SanjayKoppad, Dr Natasha Mathias, Dr JanardhanaAithala, Dr Shailesh Kumar, Dr Vijayalakshmi S, Dr Sai Manohar S, Dr Uma Kulkarni, Dr Sunita Saldanha, Mrs Averil Rebello, Dr Vinayaka U.S, Dr Sahana KS, Dr Sudesh Shetty, Dr Nazir Attar and Dr Prabha Adhikari.

Feedback was taken for each day's sessions separately and were analysed based on median score ranging from 0 to 5. At the end of three days workshop, their responses on overall utility of such programme were obtained using YENGAE, E-portal of Yenepoya University.




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Feedback analysis

S. No.	Item	Median Score
1.	Achieving the course objectives as stated in the beginning of the programme	2
2.	Effectiveness of learning from the programme	2
3.	Adequacy of participants on the course-Just right	2
4.	Length of the programme-Just right	2
5.	Sequencing of sessions-Logical	2
6.	Venue comfort during the programme-Appropriate	2
7.	Seating arrangement during the programme-Appropriate	2
8.	Food quality-Good	4
9.	Overall, rating the programme on a scale of 5-useful	2
10.	Over all, rating this program on a scale of 5 for the interest generated?	5
11.	Problems faced as a participant <ul style="list-style-type: none"> Statistics part was too difficult Since actually not reached the dissertation part could not understand much 	
12.	NOT learned that you expected to learn during the programme <ul style="list-style-type: none"> Nothing as such Satisfied with the sessions How to cite articles How to use the data collection tool 	
13.	Programme highlights <ul style="list-style-type: none"> Overall sessions were good and informative Workshop is good Very well conducted Overall it was a good experience 	
14.	Suggestions for future programme <ul style="list-style-type: none"> Provide study materials including statistics Include more videos Increase the number of tasks Slides should be of bigger fonts 	

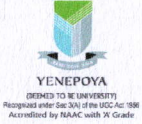
Certificates were issued to the participants and resource faculty for participation in the workshop.


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YENEPLOYA MEDICAL COLLEGE
MANAGALURU
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PRINCIPAL / DEAN

YENEPLOYA MEDICAL COLLEGE



Yenepoya Nursing College

08.08.2018

**YENEPLOYA**

(DEEMED TO BE UNIVERSITY)

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Accredited by NAAC with 'A' Grade

Report of workshop

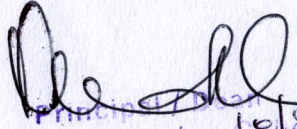
On

SPSS

Organized by

**Department of Paediatric Nursing
Yenepoya Nursing College
Yenepoya (Deemed to be University)
Deralakatte, Mangalore- 575018
Karnataka, India**

August 8 2018


Principal
Yenepoya Nursing College
Deralakatte
Mangalore-575018



Office of the Registrar
University Road
Deralakatte, Mangalore - 575 018
Ph: 0824 - 2204667/68/69/70/71
Fax: 0824 - 2203943

Ref: No. YU/REG/ACA/12/Workshop/2018

04.07.2018

The Principal
Yenepoya Nursing College

Sub: Hands on workshop on SPSS on 08.08.2018

Ref: Your letter dated 02.07.2018

Permission is herewith granted to conduct hands on workshop on SPSS on 08.08.2018 from 9.00 a.m. to 4.00 p.m. at Central Library, Learning Centre, Yenepoya (Deemed to be University). Dr. Asha Kamath, Professor & Head, Department of Statistics, Manipal University and Dr. Ashma Dorothy Monterio, Assistant Professor, Department of Statistics, Manipal University will be the resource persons for the programme.

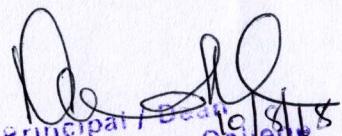
Sanction is accorded for the University's financial assistance of Rs.11,775/- subject to production of bills & Vouchers.

You are requested to submit a report on the conduct of the programme with photograph within a week's time for our records.

(Dr. G. Shree Kumar Menon)
REGISTRAR

Copy to:

1. Finance Officer
2. HoD, Department of Child Health Nursing
3. Supdt. Transport - (with a request to provide transport to the resource persons from Mangalore to Yenepoya)
4. P.R.O. (with a request to provide Audio/Video/Photography for the programme)
5. Maintenance Section
6. House Keeping Section
7. Academic Section


 Principal
 Yenepoya Nursing College
 Deralakatte
 Mangalore-575018

8/18/18
 2018
 2018

REPORT OF SPSS WORKSHOP

The department of Child Health Nursing, Yenepoya Nursing College, Deralakatte, Mangaluru, Karnataka, a constituent college of Yenepoya (Deemed to be University) conducted one day workshop on “SPSS” on 8th August, 2018 from 8:30 to 4pm at Central Library :E-Learning center, Yenepoya [Deemed to be University]. The workshop commenced at 8:30am with registration. The resource person for the entire day was Dr.Asha Kamath Professor and Head, Dept of Statistics, MAHE, Manipal and Dr.Ashma Dorothy Monteiro, Assistant Professor –senior scale, Dept of Statistics MAHE, Manipal.

First session started at 9.00am to 10.30am on “Overview on descriptive and inferential statistics. Dr.Asha Kamath, Professor and Head, Dept of Statistics MAHE, Manipal briefly highlighted on theoretical aspects of descriptive and inferential statistics followed by Dr.Ashma Dorothy Monteiro dealt hands on skills to enter the data in SPSS.

After the first session from and Tea Break the Inauguration started at 11:00am. Inaugural was presided by Dr.M.Vijayakumar, Honorable Vice Chancellor, Yenepoya [Deemed to be University]. Dr.Shree Kumar Menon, Registrar Yenepoya [Deemed to be University], Dr. Leena K.C Dean, Yenepoya Nursing College were present and addressed the gathering on this occasion. Dr.Sonia D’souza, Professor from Manipal College of Nursing was the Karnataka State Nursing Council observer for the workshop. Prof.Umarani.J HOD, Child Health Nursing Department, Yenepoya Nursing College and organizing Chairperson of the workshop welcomed the gathering. Mrs.Benazeera, Lecturer, Child Health Nursing Department, Yenepoya Nursing College and organizing secretary of the workshop delivered the vote of thanks.

Second session was at 11:30 to 1:30pm on “Data entry” .Resource persons explained and demonstrated hands on skills in descriptive, inferential statistical calculation and graphical diagrams, followed by lunch break from 1.30 to 2pm.


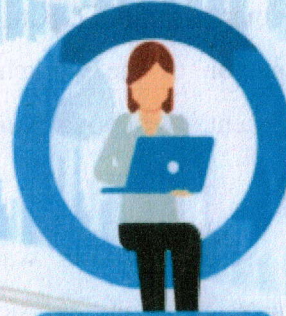
Last session on parametric and nonparametric tests and sample size calculation was started between 2pm which was followed by concluding session with the feedback obtained from delegates, Karnataka State Nursing Council observer and certificate distribution. There were totally 60 delegates [Medical, Dental, Nursing Faculty, PhD Scholars, PG students] participated from various institutions in and around Mangaluru.

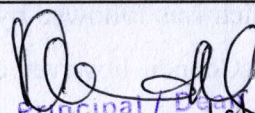


Figure 1: Inauguration



Figure 2: Addressing the gathering

<p>Registration Form</p> <p>Name: _____</p> <p>Designation: _____</p> <p>Institution: _____</p> <p>Ph. No: _____</p> <p>e-mail ID: _____</p> <p>Food (Specify) - Veg / Non-veg _____</p>	<p>ORGANIZING COMMITTEE</p> <p>Organizing chairperson: Prof. Umarani J.</p> <p>Organizing secretary: Mrs. Benazeera</p> <p>Treasurer: Dr. Priya Reshma Aranha</p> <p>Scientific committee: Mrs. Melba Roshini Lobo</p> <p>FOR REGISTRATION</p> <p>Mrs. Renita Priya Dsouza Mob: +91 9739319050</p> <p>Mrs. Anna Thomas Mob: +91 9538473194</p> <p>FOR TRANSPORT</p> <p>Mrs. Shanin Neetal Dsouza Mob: +91 9972413432</p>	<p>  YENEPOYA Department of Child Health Nursing Yenepoya Nursing College Yenepoya (Deemed to be University), Mangaluru Regional Workshop On: </p> <p> "Statistical Package for the Social Sciences" SPSS </p> <p>  08th August 2018 </p> <p> Venue: e-learning Center, Central Library Yenepoya (Deemed to be University) </p>
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 Principal / Director
 Yenepoya Nursing College
 Deralakatte
 Mangalore-575018

About us

Yenepoya Nursing College is a constituent college of Yenepoya Deemed to be University which is located at Deralakatte, Mangaluru, Karnataka. The college is one of the well established institutions, with the state-of-the-art facilities and eco-friendly campus. The college constitutes five departments with experienced teaching faculty and offers various nursing programs such as Basic B.Sc Nursing with annual intake of 100 students, Post Basic B.Sc Nursing with annual intake of 40 students, M.Sc Nursing with annual intake of 25 students and Ph.D Nursing under the Faculty of Nursing. The College provides quality education by incorporating innovative teaching learning activities that focuses on clinical competence and personal attention to students. The college also creates an environment for the generation of new knowledge through research.

Aim

The overall aim of the workshop is to enhance the knowledge and skills of participants on the use of SPSS and to enable them make the most use of this powerful software package, while allowing them to work independently with SPSS on their own data and provide a solid foundation for advanced data analysis work.

Objectives of the workshop

After attending this workshop, the participant will be able to

- understand the main features of SPSS
- use the SPSS effectively.
- perform descriptive analyses with SPSS
- perform common parametric and non-parametric tests
- perform simple regressions and multivariate analyses

PROGRAM SCHEDULE

TIME	PROGRAMME
8.30am - 9.00am	Registration
9.00am - 10.30am	Session I Overview on descriptive and inferential statistics, Reliability and sample size calculation Resource person Dr. Asha Kamath Professor and Head Dept. of Statistics, MAHE, Manipal Dr. Ashma Dorothy Monteiro Assistant Professor - Senior Scale, Dept. of Statistics, MAHE, Manipal
10.30am - 11.00am	Tea Break
11.00am - 11.30am	Inauguration
11.30am - 1.00pm	Session II Data entry
1.00pm - 1.45pm	Lunch Break
1.45pm - 3.45pm	Session III Descriptive and inferential statistical analysis (parametric and non parametric)
3.45pm	Closing Ceremony

About the workshop

SPSS is a widely used program for statistical analysis in social science. It is also used by market researchers, health researchers, survey companies, government, education researchers, marketing organizations, data miners, and others. SPSS software is used to perform quantitative analysis and is used as a complete statistical package that is based on a point and click interface. This software has been widely used by researchers to perform quantitative analysis since its development in the 1960s by Norman H. Nie, in collaboration with C. Hadlai Hull and Dale Bent. The original SPSS manual (Nie, Bent & Hull, 1970) has been described as one of "sociology's most influential books" for allowing ordinary researchers to do their own statistical analysis. In addition to statistical analysis, data management (case selection, file reshaping, creating derived data) and data documentation (a metadata dictionary is stored in the datafile) are features of the base software.

Who can attend?

The workshop specially targets the research scholars, post graduate students and faculty.

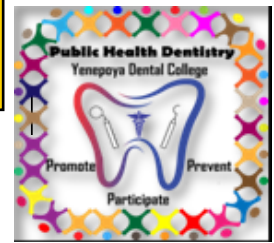
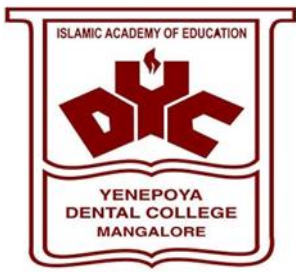
Purish
10/8/2018
Program Coordinator

Devi
10/8/18
Principal / Dean
Yenepoya Nursing College
Deralakatte
Mangalore-575018



YENEPOYA
(DEEMED TO BE UNIVERSITY)
Recognized under Sec 3(A) of the UGC Act 1956
Accredited by NAAC with 'A' Grade

4. Analytical skill development 2017-2018



YENEPOYA
(DEEMED TO BE UNIVERSITY)
Recognized under Sec 3(A) of the UGC Act 1956
Accredited by NAAC with 'A' Grade

Continuing Dental Education on

Hypothesis testing and Basics of Inferential Statistics

Organized by
Department of Public Health Dentistry
YenePOYA University
Deralakatte, Mangalore-575018
Karnataka, India

12th April, 2018

Date:20.02.2018

From,
Head of the Department
Department of Public Health dentistry
Yenepoya Dental College, Mangalore



To,
The Registrar
Yenepoya University

Through,
The Principal
Yenepoya Dental College

Respected Sir,

Sub: Proposal for conducting CDE from Department of Public Health Dentistry
The Department of Public Health Dentistry, YDC plans to conduct a CDE Program on 12th April 2018 at the Auditorium, Yenepoya Dental College.

Title of the program: "Research Hypothesis and basics of inferential research"

Dr. Ravi Shirahatti, Professor and Head, Dept of Public Health Dentistry, MMDC, Belgaum will be the Guest Speaker. Faculty and Post graduate students from the Department and from surrounding colleges will be attending the program.

I kindly request you to consider the proposal and grant us permission to hold the same programme.

Thanking you

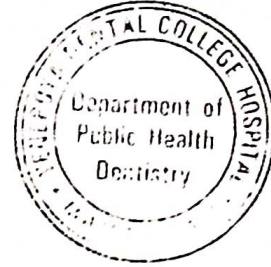
Yours sincerely



Head of the Department
DEPARTMENT OF PUBLIC HEALTH DENTISTRY
DATE:.....

27.03.2018.

From,
Head of the Department,
Department Of Public Health Dentistry,
Yenepoya Dental College.



To,
Finance Officer,
Yenepoya University.

Respected Sir,

Sub: Advance of financial assistance for CDE programme.

The Department of Public Health dentistry has received permission to conduct CDE program on "Hypothesis Testing and Basics of Inferential Statistics" on 12.04.2018. and has been sanctioned financial assistance of 30,000/- from the University. I request you to kindly give advance payment towards the same.

Thanking you,

Yours faithfully,

[Signature]
27/3/18

HEAD OF DEPARTMENT OF
PUBLIC HEALTH DENTISTRY
DATE:.....



Office of the Registrar
University Road
Deralakatte, Mangalore – 575 018
Ph: 0824 – 2204667/68/69/70/71
Fax: 0824 - 2203943

Ref: No. YU/REG/ACA/098/CDE/2018

24.02.2018

The Principal
Yenepoya Dental College

Sub: CDE on "Research Hypothesis and Basics of Inferential Research" on 12.04.2018

Ref: Letter dated 20.02.2018 from the department of Public Health Dentistry

Permission is granted for the proposal of Head of the Department of Public Health Dentistry to conduct CDE on "Research Hypothesis and Basics of Inferential Research" on 12.04.2018 from 10.00 a.m. to 2.00 p.m. at Dental Auditorium Dr. Ravi Shirahattu, Professor & Head, Department of Public Health Dentistry, Maratha Mandal Dental College, Belgaum is the Resource Person for the programme.

Sanction is accorded for the University's financial assistance of Rs.30,000/- subject to production of bills/vouchers.

You are requested to submit a report on the conduct of the programme with photograph within a week's time for our records.


(Dr. G. Shree Kumar Menon)
REGISTRAR
mj

Copy to:

1. Finance Officer
2. HoD, Department of Public Health Dentistry
3. Supdt. Transport {with a request to provide transport for the resource person}
4. P.R.O.. {with a request to provide Accommodation for the Guest and Audio/Video/photography for the programme}
5. MD, Food Craft
6. Maintenance Section
7. House Keeping Section
8. Academic Section

Report of the CDE Program held on 12th April, 2018

The Department of Public Health Dentistry conducted a CDE program on 12th April 2018 at Yenepoya Dental College Auditorium. The Resource Person was Dr. Ravi Shirahatti.

The topic for the program was - “Hypothesis testing and Basics of Inferential Statistics “

The program began at 9.30 am and was inaugurated by Dr. M. Vijaya Kumar, the Honorable Vice Chancellor of Yenepoya (Deemed to be University). The other dignitaries present were Dr. Shreekumar Menon, Registrar of the University, Dr. B.H. Sripathi Rao, Principal of Yenepoya Dental College, Dr. Akther Husain, Secretary of Islamic Academy of Education, Dr. Sham S. Bhat, Vice Principal, Yenepoya Dental College, Dr. Rekha P. Shenoy, Professor and Head, and Dr. Praveen Jodalli, Reader, Dept of Public Health Dentistry. Dr. Rekha P. Shenoy welcomed the gathering, Dr. B.H. Sripathi Rao spoke on the importance of biostatistics in the field of research and Dr. M. Vijayakumar delivered the Presidential Address stressing on how knowledge of biostatistics has become imperative in the field of academics.

82 delegates (faculty and postgraduate students) participated in the program. The program ended with an interactive session. Participants found the course beneficial and asked for further sessions on the topic.

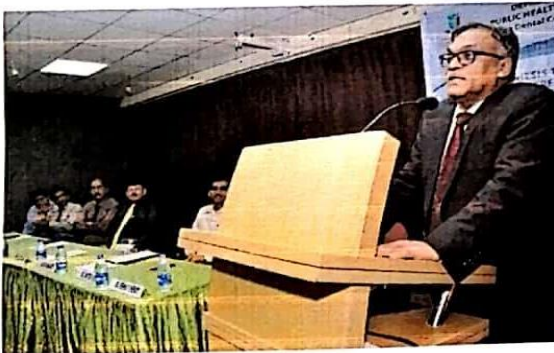
The program concluded at 12.45 pm.



Photograph 1: Inauguration of the CDE




Photograph 2: Audience/Participants



Photograph 3: Presidential Address By
Honorable Vice Chancellor Dr. M. Vijayakumar



Photograph 4: Organizing Committee


DEAN / PRINCIPAL
Yenepoya Dental College
Yenepoya Deemed to be University
University Road, Derlakatte
Mangalore-575018

Organizing Committee

Dr. T. S. Keshava Prasad

Dr. Prashant Kumar Modi

Dr.ShobhaDagamajalu

YENEPOYA NURSING COLLEGE

14th November 2017



**REPORT OF INTERNATIONAL COLLOQUIUM ON PATIENT ADVOCACY: ROLE OF
NURSE IN ENSURING ETHICALLY SENSITIVE PRACTICE**

Organized by

**Yenepoya Nursing College
Yenepoya University Deralakatte, Mangalore- 575018
Karnataka, India**

14th November, 2017


Principal, Dean
Yenepoya Nursing College
Deralakatte
Mangalore-575018



University Road,
Deralakatte
Mangalore – 575018
Ph: 0824-2204667/68/69/71
Fax: 0824-2203943

Ref: No.YU/REG/ACA/07/Workshop/2017

31.01.2017

The Principal,
Yenepoya Nursing College

Sub: International Workshop on Patient Advocacy: Role of Nurse as an Ethicist on 13.11.2017 at the Indoor Auditorium.

Ref: Your proposal dated 23.01.2017

Permission is accorded to your proposal to conduct Workshop on Patient Advocacy: Role of Nurse as an Ethicist on 13.11.2017 at the Indoor Auditorium.

Dr. Anne Scott, Professor & Vice President for Equality & Diversity, National University of Ireland, Galway, Dr. Bert Gordijn, Professor, Dublin University, INC President/KNC Registrar will be the Resource Persons for the programme.

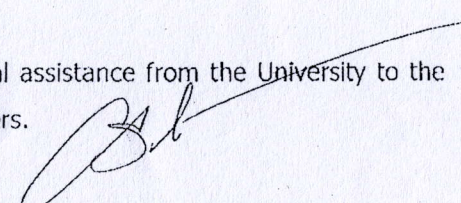
The budget is estimated @ Rs.1,17,000/- as follows:-

	<u>Income</u>	<u>Expenditure</u>
1. Registration fees	: Rs.64,000.00	
2. Honorarium for 2 persons		Rs.10,000.00
3. Certificates	:	Rs.5,000.00
4. Bouquet	:	Rs.1,000.00
5. Banner	:	Rs.4,000.00
6. Refreshment	:	Rs. 16,000.00
7. Travel Expenses	:	Rs. 66,000.00
8. Mementos	:	Rs. 5,000.00
9. Miscellaneous	:	Rs. 10,000.00
Total	=====	=====
	64,000.00	1,17,000.00

The following facilities shall be provided by the University for conducting the Workshop.

1. Transport for the guests from Guest House to College and also for the sight-seeing
2. Accommodation to Guests - at Meridiyen
3. Audio/Video/Photography

Sanction is also hereby accorded for payment of financial assistance from the University to the extent of Rs.50,000/- subject to production of bills/vouchers.


(Dr. G. Shreekumar Menon)
REGISTRAR

Copy to:

- Finance Officer/Supdt. (Transport) /Food craft
- PRO- for arranging photographer for the programme and accommodation for the Resource Persons
- Maintenance Section/House Keeping Section/ Mr. Lathesh


Principal / Dean
Yenepoya Nursing College
Deralakatte
Mangalore-575018

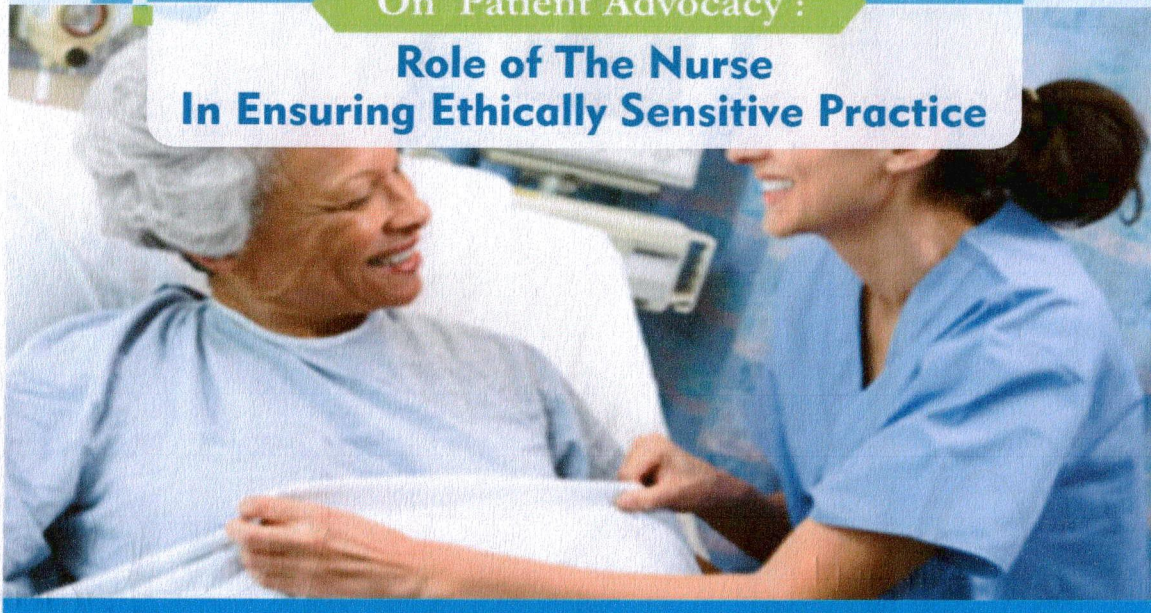
2/2/17

Cordially invites you to the

INTERNATIONAL Colloquium

On Patient Advocacy :

**Role of The Nurse
In Ensuring Ethically Sensitive Practice**



Date : 14th November 2017

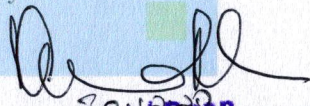
Venue: Indoor Auditorium, Yenepoya Medical College,
Yenepoya University, Deralakatte, Mangaluru

Dr. M Vijaya Kumar
Honourable Vice Chancellor
Yenepoya University

Dr. G Shreekumar Menon
Registrar,
Yenepoya University

Dr. Leena K C
Organizing Chairperson/
Principal, Yenepoya Nursing College

Mrs. Viji Prasad C
Organizing Secretary

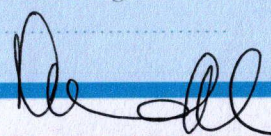

Principal,
Yenepoya Nursing College
Deralakatte
Mangalore-575018

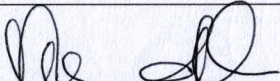
INAUGURAL SCHEDULE

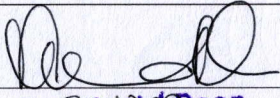
Invocation	9.00-9.05 am	
Welcome address	9.00-9.05 am	Dr. Leena K C, Principal, YNC
Lighting the lamp	9.15-9.20 am	Dignitaries
Address by Chief Guest	9.20-9.30 am	Dr. P Anne Scott, Professor & Vice President for Equality and Diversity National University of Ireland, Galway
Presidential Address	9.30-9.40 am	Dr. M. Vijaya Kumar, Hon'ble Vice Chancellor, Yenepoya University
Vote of thanks	9.40-9.45 am	Mrs. Vinaya Kumary T Asst. Professor, OBG Nursing, YNC
National Anthem	9.45 am	

CONCLUDING SESSION SCHEDULE

Invocation	3.30-3.35 pm	
Welcome address	3.35- 3.40 pm	Mrs. Renita Priya Dsouza Asst. Professor, Child Health Nursing, YNC
Report Reading	3.40-3.45 pm	Prof. Shasikumar Jawadagi Professor, Medical Surgical Nursing, YNC
Address by Chief Guest	3.45-3.50 pm	Dr. Bert Gordijn, Professor & Director of the Institute of Ethics at Dublin City University, Ireland.
Feedback by delegates	3.50-3.55 pm	
Presidential Address	3.55-4.00 pm	Dr. G Shreekumar Menon, Registrar, Yenepoya University
Vote of thanks	4.00-4.05 pm	Mrs. Nithyashree B V Lecturer, Community Health Nursing, YNC


Principal / Dean
Yenepoya Nursing College
Deralakatte
Mangalore-575018

S.No	CONTENT	DETAILS								
1.	Nature of the Program	International Colloquium 2017								
2.	Title and Theme	“Theme: Nurse: patient advocacy: Role of Nurse in ensuring ethically sensitive Practice”								
3.	Organizing departments	Yenepoya Nursing College, Mangaluru.								
4.	Program date and time	Venue: Indoor Auditorium Medical college, Yenepoya University. Date: 14/11/17 Time: 9 am-4 pm								
5.	Resource persons and Topic of presentation	<table border="1"> <thead> <tr> <th>Topic</th> <th>Resource person</th> </tr> </thead> <tbody> <tr> <td>Introduction to ethics, hospital ethics committee and ethical case deliberation</td> <td>Mr. Bert Gordin, professor and the Director of the institute of Ethics, Dublin city University, Ireland</td> </tr> <tr> <td>Nursing and the moral domain of practice</td> <td>Dr Anne Scott, Professor and vice president of equality and diversity, National university of Ireland</td> </tr> <tr> <td>Nurse as a patient advocate</td> <td>Dr Anne Scott, Professor and vice president of equality and diversity, National university of Ireland</td> </tr> </tbody> </table>	Topic	Resource person	Introduction to ethics, hospital ethics committee and ethical case deliberation	Mr. Bert Gordin, professor and the Director of the institute of Ethics, Dublin city University, Ireland	Nursing and the moral domain of practice	Dr Anne Scott, Professor and vice president of equality and diversity, National university of Ireland	Nurse as a patient advocate	Dr Anne Scott, Professor and vice president of equality and diversity, National university of Ireland
Topic	Resource person									
Introduction to ethics, hospital ethics committee and ethical case deliberation	Mr. Bert Gordin, professor and the Director of the institute of Ethics, Dublin city University, Ireland									
Nursing and the moral domain of practice	Dr Anne Scott, Professor and vice president of equality and diversity, National university of Ireland									
Nurse as a patient advocate	Dr Anne Scott, Professor and vice president of equality and diversity, National university of Ireland									
6.	Beneficiaries (PG, UG, Interns, GP, Consultants/Faculty)	UG, PG, Faculty of Nursing								
7.		<table border="1"> <tbody> <tr> <td>Postgraduates</td> <td>13</td> </tr> <tr> <td>Faculty & Staff nurses</td> <td>35</td> </tr> <tr> <td>TOTAL</td> <td>48</td> </tr> </tbody> </table>	Postgraduates	13	Faculty & Staff nurses	35	TOTAL	48		
Postgraduates	13									
Faculty & Staff nurses	35									
TOTAL	48									
8.	Credit hours/ points and the name of the organization awarding accreditation points. Letter number	8 Karnataka Nursing council								
9.	Is the CME held under Aegis of a society details of	 Principal/Dean Yenepoya Nursing College Deralakatte Mangalore-575018								


Principal/Dean
Yenepoya Nursing College
Deralakatte
Mangalore-575018

	the same	
10.	Possible impact or expected impact of the program	Students, faculty and staff nurses gained knowlwdge and skills on Role of Nurse in ensuring ethically sensitive nursing practice and application it in the daily practice
11.	Photographs with clear captions (Not more than 4 – 5/ day of program)	Enclosed
12.	Any other information	-



Figure 1. Inauguration



Figure 2. Speech by Dr. Anne Scott



30.12.20

Principal / Dean
Yenepoya Nursing College
 Deralakatte
 Mangalore-575018

REPORT ON INTERNATIONAL COLLOQUIUM

The International colloquium on patient advocacy: Role of Nurse in ensuring ethically sensitive Practice was organized on 14th November 2017, at Auditorium, Yenepoya Medical College.

The conference started with the registration and 48 delegates got registered. the inaugural programme was started with the Invocation by Mr Mohd Sharvan, 3 rd yr B.Sc (N) student, which was followed by the welcome speech by Dr Leena K C, Chairperson and Principal, Yenepoya Nursing College. All the dignitaries on the dias lit the lamp and inaugurated the conference.

Dr Anne Scott, Professor and vice president of equality and diversity, National university of Ireland, appreciated the faculty members for organizing this conference and gave a key note address on conference; she spoke regarding the importance of ethics for nurses and how to implement it in the nursing practice.

Dr Viyaya Kumar, Vice Chancellor, Yenepoya University, Presided over the function and said that how you care for the patient with ethical consideration is more important for the Nurses during their practice.

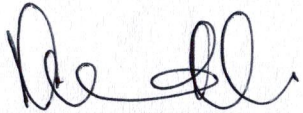
Mrs Vinaya Kumari, Asst professor, dept of OBG, has rendered the Vote of Thanks and followed by National Anthem.

It was followed by a short Tea break and participants were asked to fill the Pre Test Questionnaire.

The scientific session was started at 10 am and Mr. Bert Gordin, professor and the Director of the institute of Ethics, Dublin city University, Ireland handled the session on Introduction to ethics, hospital ethics committee and ethical case deliberation. The session was chaired by Dr Priya Reshma Arhana. The session was followed by the case discussion of Maria.

Second session was started at 11.30am, and was dealt by Dr Anne Scott, Professor and vice president of equality and diversity, National university of Ireland on Nursing and the moral domain of practice. Mainly the ethical themes in Nurse patient relationship were highlighted. The session was followed by discussion. The session was chaired by Professor Uma Rani J.

it was followed by Lunch break at 12:30Pm.



30.12.20
Principal / Dean
Yenepoya Nursing College
Deralakatte
Mangalore-575018



YENEPOYA NURSING COLLEGE

14th November 2017

Third session was started at 1:30 Pm, which was chaired by Mr Syed Imran and was dealt by Dr Anne Scott, Professor and vice president of equality and diversity, National university of Ireland on Nurse as a Patient advocate.

it was followed by Tea.

Participants were asked to fill the post test questionnaire and feed back form.

At 3.20pm, case studies were discussed by the Dr Anne Scott.

the conference was compered by Mrs Sharal .

Validatory fuction was started at 4 pm with the Invocation by Mr Mohd Aslam, 3rd yr BSc (N). Followed by the welcome speech by Mrs Renita, Asst Professor, CHN. Mr Mr. Bert Gordin, professor and the Director of the institute of Ethics, Dublin city University, Ireland was the chief guest of the valedictory function. Prof ShashiKumar J, HOD, MSN dept presented the conference report. Dr G Shreekumar Menon presided over the function and highlighted few ethical compromises that occur during the clinical practice. Dr Lalitha H, KNC Observer, explained the aspects of ethics and its relevance to nursing in brief. She congratulated the Faculty for organizing this conference in a successful way.

it was followed by the delegates reflection about the conference. 2 delegates expressed their views of the conference and how this will help them further in their routine practice.

It was followed by the Vote of thanks By Mrs Nithyashree, Lecturer, Community department.

The valedictory function was compered by Mrs Anju Ullas, Lecturer, MSN dept.

Principal/Dean
Yenepoya Nursing College
Deralakatte
Mangalore-575018

Questionnaire Analysis:

37 participants Questionnaires were analyzed.

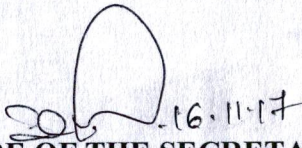
Pre test:

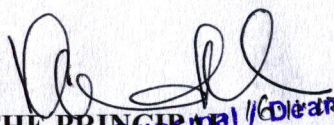
Min : 3
Max : 8
Mean : 1.31
S.D : 6.19

Post test:

Min : 6
Max : 10
Mean : 1.04
S.D : 8.05

Mean Difference of pre test and post test : 1.86


16.11.17
SIGNATURE OF THE SECRETARY


SIGNATURE OF THE PRINCIPAL / Dean
Yenepeya Nursing College
Deralakatte
Mangalore-575018



WORKSHOP ON

BASIC RESEARCH METHODOLOGY

WORKSHOP

Organised By

Department of Community Medicine, Yenepoya Medical College

Yenepoya University

Deralakatte, Mangalore- 575018

Karnataka, India

PRINCIPAL / DEAN
YENEPOYA MEDICAL COLLEGE
MANGALORE-575018

REPORT OF BASIC RESEARCH METHODOLOGY WORKSHOP FOR FIRST YEAR MEDICAL POST GRADUATES

Basic research methodology workshop for first year medical post graduates of 2017 batch was conducted on **6th and 7th September 2017** by Yenepoya Dental college, Department of Community Medicine, Yenepoya Medical College and Centre for Health Professionals Education, Yenepoya University at Dental Auditorium, 5th Floor, Yenepoya Dental College. A total of 48 post graduates attended this workshop.

The details programme are as follows:

The sessions of day 1 began with a session on choosing a research topic and framing a research question. This was followed by a session on study designs, and review of literature. A session on defining a study population and sampling methods was conducted followed by biostatistician considerations in research and sample size calculation.

The second day session was on protocol writing detailing the steps in writing a research protocol. Each session had active interaction between the faculty and the PGs.

PROGRAM SCHEDULE

Day 1			
Time	Topic	Faculty	Learning Objectives
8.45am – 9.30am – Registration			
09.00 am to 10.00 am	Choosing a topic and Framing a Research Question	Dr. Abhay Nirgude, Professor & Head, Dept. of Community Medicine	Role and importance of dissertation for PG Define what is a research question Be able to formulate a research hypothesis/es Writing research objectives(s)
10.00am to 11.15am	Study designs	Dr. Poonam R Naik Professor Dept of Community Medicine Dr. Pracheth R Asst. Prof., Dept. of Community Medicine	List the types of study designs Describe the uses of various study designs Recognise key elements of various study designs
11.15 am to 12.00 noon	Review of literature	Dr. Madhavi Bhargava Assistant Professor., Dept. of Community Medicine	Recognize the importance of performing a literature review Describe the steps in performing a literature review



			Outline the steps in writing a literature review Pub med search How to archive references
12.00 noon to 12.30 pm	Study population and Sampling methods	Dr. Santosh K Asst. Prof., Dept. of Community Medicine	Recognize the importance of sampling in research Outline the strengths and limitations of sampling methods
12.30pm to 01.15 pm	Lunch break		
01.15 pm – 02.15 pm	Bio statistical consideration in research including sample size calculation	Dr. Varun N Asst. Prof., Dept. of Community Medicine Ms. Himani Kotian, Lecturer in Biostatistics , Dept. of Community Medicine	<ol style="list-style-type: none"> To define and explain the different types of variables with appropriate examples. To outline the information needed for sample size calculation.
DAY 2			
09.30 pm – 10.00 am	Principals of data collection Data collection tools and validation of tools	Dr Rekha Shenoy Reader, Public health dentistry Yenepoya Dental college Dr Imran Pasha Sr Lecturer, Public health dentistry, Yenepoya Dental college	<ol style="list-style-type: none"> To describe the essential steps in data collection To understand the types and steps involved in design of a questionnaire To explain the concepts of validity and reliability of a study tool To identify the approaches to ensure quality during data collection.
10.00 pm – 10.30 pm	Overview of data management and analysis	Dr Laxminarayan Sonde Sr Lecturer, Public health dentistry, Yenepoya Dental college	<ol style="list-style-type: none"> To demonstrate the salient steps in data management through a hands-on group activity. To demonstrate how to write data analysis in dissertation protocol.

YENEPOYA MEDICAL COLLEGE



10.30 am to 12.00pm	Ethical considerations in Designing and Conducting Research study	Dr. Uma Kulkarni Professor Ophthalmology	Principles of Research Ethics Informed consent, participant information sheet Procedure to be followed for submission of protocol to IEC
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12.00pm to 12.30pm	Research opportunities at YRC and funding agencies	Dr.Rekha, Deputy Director, YRC	List the various intra mural and extramural funding agencies Appraisal of facilities at YRC
12.30pm- 01.15 pm	Lunch break		
1.15 pm to 2.15 pm	Protocol Writing	Dr.Akshaya K M Associate Prof., Dept. of Community Medicine Dr Varun N Asst. Prof., Dept. of Community Medicine	Describe the various steps in writing aresearch protocol






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4. Analytical skill development 2016-2017



**WORKSHOP ON
POST GRADUATE DIPLOMA IN FORENSIC
ANTHROPOLOGY**

**Organised By
Department of Forensic Medicine & Toxicology,
Yenepoya Medical College
Yenepoya University
Deralakatte, Mangalore-575018
Karnataka, India**


**PRINCIPAL / DEAN
YENEPOYA MEDICAL COLLEGE
MANGALORE-575018**

Date: 30. 03. 2017

PGDFAO 2017 – Module I- Report

The First module of **Post Graduate Diploma in Forensic Anthropology** began from **20 March 2017 to 25 March 2017** and was attended by **15** candidates enrolled for the course including one candidate who had missed last year (Dr Frank Antony Britto, PGDFAO 2016 Batch). One of the candidates (Dr Mithun Kulambi) was absent and will be attending the module with the next batch (**PGDFAO 2018**). The resource persons for First module were **Dr. Luis Fondebrider**, President Of Equipo Argentino de Antropologia (EAAF), **Dr. Douglas H. Ubelaker**, Curator, Smithsonian Institution, Washington DC, **Dr. Vina Vaswani & Mr. Rajesh Karkera** (In House Faculty).

During the session (**20-25 March**) various topics related to Disasters Victim Identification which included the crime scene: surface, indoors/outdoors, Overview of required field equipment, Search, survey, planning, excavating and recovering badly decomposed bodies and/or skeletons, Documentation on site, Handling of skeletal remains- from Field to Lab.

Setting up an anthropological laboratory: SOPs, Protocols, Forms, Preparation of remains: decomposed, cleaning process, codification, Introduction to Osteology, Analysis of human skeletal remains, Introduction to bone pathology: concept, role of forensic anthropology and forensic pathologist, Pathological changes in the bone: classification, Peri mortem trauma in Bone were discussed.

The session included theory and practical sessions for the candidates.

Day 1 (20.3.17)

The candidates of PGDFAO were welcomed to the Department of Forensic Medicine & Toxicology by the Course Coordinator Dr. K. Leena Pramod and supporting staff.

The candidate Kit was distributed to them which was followed by a brief introduction to the course by Dr. K. Leena Pramod.



Mr.Rajesh Karkera took a session on Yengage for the candidates.

Dr. Douglas Ubelaker gave a guest lecture on “overview of Forensic Anthropology” . Dr. Vina Vaswani welcomed the gathering which was attended by the Registrar Dr. Shreekumar Menon, YDC principal Dr. Sripathi Rao, Head of Various Departments from YMC & YDC, Faculty Members, Alumni & Candidates of Post Graduate Diploma in Forensic Anthropology & Odontology, Staff of Forensic & Centre for Ethics.



Day 2 (21.3.17)

The second day began with plantation of Sapling by Dr. Douglas Ubelaker.



Meeting Of Resource Persons with Principal of YDC



Resource persons in Dental Museum



session by Dr. Douglas



Explanation of given bone by candidate



Discussion

Day 3- 22.3.17

On **22 March 2017**, the candidates were given **training on Disaster Victim Identification (DVI)**. A plane crash scenario was created in the soccer ground of Yenepoya University. The candidates were given necessary instruction by Dr. Luis and were divided into 3 groups of 5 candidates each. Dr. Frank Antony Britto from PGDFAO 2016 batch was the 15th candidate as last year he was unable to attend. A team of 5 member consisting of Dr. Luis, Dr. Vina, Course Coordinator Dr. Leena, Technician Ms. Bhavani, SDA Shamina and attenders Mr. Kiran & Sachin went in advance to set the disaster site under the guidance of Dr. Luis Fondebrider at 9 a.m.

The session started at 9.30 a.m. and ended around 2 p.m. Mr. Narendra Babu, Deputy Director of Factories, Division -1, Mangalore & Mr. Girish P, Senior superintendent from Airport



Authorities were the invited observer for the DVI.



Team 1

Team 2




Team 3

Observers of DVI

The Director of Research & Finance Mr. Farhaad Yenepoya visited the disaster site and had a small discussion with Dr. Luis Fondebrider




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Dr. Luis with the candidates at the Disaster site



Observer Mr. Girish addressing the Candidates of PGDFAO 2017



Observers Mr. Narendra Babu & Mr. Girish receiving token of appreciation from Dr. Luis & Dr. Vina Vaswani





Dr. Luis with the candidates at the Disaster site



Observer Mr. Girish addressing the Candidates of PGDFAO 2017



Observers Mr. Narendra Babu & Mr. Girish receiving token of appreciation from Dr. Luis & Dr. Vina Vaswani





Group photo of PGDFAO candidates with Resource persons & Observer

The group leaders of the 3 team were asked to prepare power point presentation of their findings with inputs from their team members.



Three teams preparing their DVI Presentation



Day 4 23.3.17

The day began with the DVI presentation by the candidates. Team 1, team 2 & team 3 report was presented by Dr. Shruthi, Mr. Arjun & Dr. Manoj Balachandran



This was followed by a session on skeletal analysis by Dr. Douglas



The day also marked the inauguration of Forensic Anthropology Unit by Dr. Douglas Ubelaker followed by E-Launching of the Unit by the Vice Chancellor Dr. Vijay Kumar (Detailed report Enclosed)

The PGDFAO session resumed after the program. The first session was taken by Dr. Fondebrider followed by Dr. Ubelaker

In the afternoon session the candidates were given hands on experience on skeletal analysis



The day ended with interaction of resource persons with the Medical undergraduate students of Yenepoya University.



Day 5 24.3.17

The candidates were given Spotter test for Skeletal Analysis.



The first session was taken by Dr. Fondebrider followed by Dr. Ubelaker



The candidates were given certificates for DVI training by the resource persons. Dr. Luis Fondebrider and Dr. Douglas Ubelaker



Feedback was collected from the resource persons and candidates.

Day 6 25.3.17

The theory exam for Module I (DVI) was conducted for the candidates on the last day of the Module.



The next session was on **Research methodology** by Dr. Vina Vaswani.



Last session was on discussion of Project for PGDAFAO course. All the students had a one to one interaction with Dr. Vina Vaswani regarding their project topic. The candidates were asked to submit their topic title, Objective, about five review articles and methodology of their respective studies within a fortnight.





ENCLOSURES:

1. Module Feedback – PGDFAO candidates
2. Observer's program evaluation (DVI)
3. Faculty Feedback
4. A report on Forensic Anthropology Unit

Report Submitted by PGDFAO Course Coordinator Dr. K. Leena Pramod