



CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

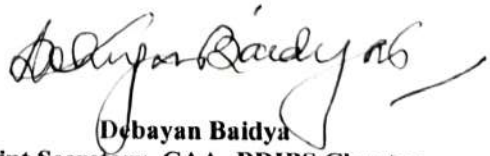
**FEEDBACK ANALYSIS
REPORT
OF STAKEHOLDERS
(2021-22)**

Date of Event: 31 March 2021
Date of Submission: 5 April 2021

Submitted By: Mr. Santosh Ojha, Debayan Baidya
Designation: Assistant Prof. (CAA- Secretary), Assistant Prof. (CAA- Joint Secretary)
Department: BDIPS- Chapter
Email ID: santoshojha.cips@charusat.ac.in, debayanbaidya.bt@charusat.ac.in



Santosh Ojha
Secretary –CAA BDIPS Chapter



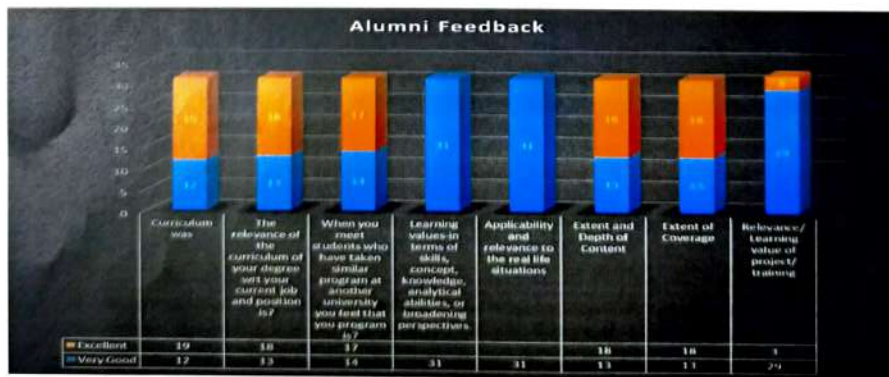
Debayan Baidya
Joint Secretary, CAA- BDIPS Chapter

Bapubhai Desaiabhai Patel Institute of Paramedical Sciences, a constituent of CHARUSAT Faculty of Medical Sciences, a.k.a Charotar institute of paramedical Sciences est. 2016, and have a student strength of about 500 approx. With a constituent of 4 major paramedics departments comprising undergraduate, postgraduate, and doctoral programs. Have conducted alums meet on 31st march 2021 with about 148 attendees registered. During the program, semi-virtual feedback was conducted for attendees present and attendees in absentia. The analysis of the genuine feedback from the alumnus posted in several institutions in India and abroad gave their critical inputs regarding the curriculum about the practices the stakeholders are conducting in the medical domains. They provided their input in regular practices through lectures and online sessions with their fellow departments in regular sessions throughout the year. In addition, questionnaires were circulated to the passed put students, who reverted with their critical opinions and suggestions to counter the inputs.

The feedback was conducted according to the standard feedback formats of the university with suitable corrections of the domains, and the template form is attached to the report. In addition, 31 students' alum feedback who responded within the timeline was analyzed, and actions were taken concerning their comments.

Cumulative Feedback of Alumni

Sr.	Questionnaires	Excellent	Very Good	Good	Satisfactory	Need Improvement
1	Curriculum was	12	19			
2	The relevance of the curriculum of your degree wrt your current job and position is?	13	18			
3	When you meet students who have taken similar program at another university you feel that you program is?	14	17			
4	Learning values-in terms of skills, concept, knowledge, analytical abilities, or broadening perspectives.	31				
5	Applicability and relevance to the real life situations	31				
6	Extent and Depth of Content	13	18			
7	Extent of Coverage	13	18			
8	Relevance/ Learning value of project/ training	29	3			
9	Questionnaires	Very Often	Often	Sometimes	Rarely	Never
10	Have you participated in any of the extra curricular activities of the department university?	29	3			



**Bapubhai Desaiabhai Patel Institute of Paramedical Sciences
Charotar University of Science & Technology
Report of Alumni Feedback Analysis of Curriculum
Other Suggestions Received**

Sr.	Particulars	Actions Taken
1	Clinical Postings should be Increased	MOUS established to increase the posting for undergraduates
2	More Practical Orientation should be Increased	<p>Diagnostics based Practicals are incorporated through BOS in the curriculum</p> <p>Summer Internship has been availed for the Masters students to join as an apprenticeship with specialized domains</p>
3.	Lab Facilities Needs be Developed	Laboratories have been established with an Instrumentation of 15 lakhs
4.	Subject Specific Experts should be given for Specialist Subjects	Faculties have been Recruited with Domains of Specialties

Reports and Photos are attested with the program reports of CAA-BDIPS Chapter submitted to CAA-CHARUSAT.



ALUMNI MEET & FAREWELL 2022



CHARUSAT
CHHATTA GARDHAR UNIVERSITY OF VETINARY AND BIOTECHNOLOGY

**BAPUBHAI DESAIBHAI PATEL
INSTITUTE OF PARAMEDICAL SCIENCES (BDIPS)**

Alumni Meet & Farewell

2022 MARCH **31**

*Homecoming for Former Fellows
Glimpse of Paths for Outgoing Fellows*



Bapubhai Desaihbhai Patel Institute of Paramedical Sciences
A constituent of Charotar University of Science and Technology
Alumni meet & Farewell – 2022
Event Report

Date:	31 st March 2022	Attendees:	148 Students
Venue:	MTIN Auditorium	Time:	9.30 am - 1.30 pm
Alumni	43		
Farewell	67		
Others	38		

The flow of the Program

9.00-10.00 Registration and Welcoming

The registration was carried out at BDIPS Campus with a rose and a token to all the attendees, followed by a welcome drink and breakfast. After the felicitation, all the attendees were directed toward the MTIN auditorium for the sessions.

10.05- 11.30 Inaugural Address and Session 1

The inaugural speech was conducted by Prof. Darshan Patel, addressing the students regarding the value of paramedics in society and the responsibilities that they have to pursue as they graduate from their departments with their degrees. He provided insights into the journey of CIPS from 2016 till date and after its nomenclature to BDIPS and gave the detailed plannings of the Institute. Followed by Prof. Hemant Kumar addressed the students and the alumnus with the experience that he had throughout his life and motivated the students with very light-hearted regard for life.

Interaction between alumnus and the current students were catalyzed by the faculties and the experts in their fields. the talks gave insights regarding very key points of the Do's and Don'ts during the job selection and regarding the dichotomy of the pedagogy and syllabus that has to be considered most important for the job and interviews.

11.30- 11.45 Tea Break

11.45- 12.45 Session II- Cultural Meet, Games & Fun Games

Several Dance performances were given by the students along with the alumnus who even performed which were welcomingly appreciated by the audiences. Meanwhile, fun games were



pre-planned by the junior fellows for outgoing fellows and the alumnus. And winners are felicitated with awards on their performances...

Glimpses were forecasted on the Projector which showed the creativity and reminiscences of the students during their tenure in the college students of all the departments. By the end of the session alumnus and farewell, students expressed their sense of gratitude for the event.

12.45 to 12.50 **Vote of Thanks by Mr. Anupam Niraula**

12.50 to 1.00 **Group Photograph Session**

1.05 to 2.00 **Lunch @ BDIPS Campus**

2.05 to 4.00 **Garba & Dance (Freestyle) @ BDIPS Campus**

Words from Alumni & Outgoing Students



"Practical Exposure obtained during the curriculum explained the importance of knowledge in clinical sciences, BDIPS provided real-time life experiences in terms of techniques and technologies in current times in modern diagnostic technologies". - Hetal Odedara (20MSMLT008)



"Colleges teach classical knowledge, BDIPS taught the applications of knowledge importance of analysis and ethics of medical sciences. Faculties bestowed their experience in terms of knowledge and that explained the critical points for investigations in diagnosis." - Pragna Ukani (20MSMLT017)



"Professors- explained the actual phenomenon of knowledge and created an aura of interest in the field of diagnosis, they gave us an understanding of practical experimentation. Promoted us to several forums to present our research and guided thoroughly with step by step monitoring" - Pratiksha Gondkar (21MSMLT004)



"...Faculty were the greatest source of inspiration, and college provided the opportunity to grow..." - Pooja Patel (BS. MIT- 2017-2021)



"...positive atmosphere in the institute... Basic knowledge was offered by the institute, as well as the confidence to achieve anything—an essential to success." - Nita Makwana (BOP 2017–2021)

Santosh Ojha
Secretary
CAA- BDIPS Chapter

Debayan Baidya
Joint Secretary
CAA- BDIPS Chapter

Prof. Darshan Patel
Principal- BDIPS

PRINCIPAL
BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
CHARUSAT CAMPUS, CHANGA
AT. CHANGA - 388 421
TA. PETLAD, DIST. ANAND (GUJARAT)



Photographs:



Figure 1: Principal's Address to the gathering.



Figure 2: Group Photograph BOTAT students



Figure 3 Group Photograph BSMT Students



Figure 4 Group Photographs BMIT Students

Event Report – Alumni Expert talk
CAA – BDIPS Chapter

Charotar University of Science and Technology
CHARUSAT Alumni Association - BDIPS Chapter
Alumni Expert Talk: Rapid Sequence Induction

CHARUSAT Alumni Association – BDIPS chapter organized an Alumni expert talk on 28th April 2022. Ms. Ridham Patel, Alumni of CIPS/BDIPS, Department of Operation Theatre and Anaesthesia Technology (OTAT) – (2017 - 2021 batch) delivered an expert talk on Rapid Sequence Induction. Ms. Ridham is working as Aesthesia Technologist at Charotar Healthcare and Research Foundation (CHRF), Changa. The session was very interactive, the participants were open to discussing their queries regarding their future and the scope of their courses.

The details of the program were compiled in an e- flyer and were distributed among all the students for participation. The event was conducted in offline mode in Classroom - 3 at Babubhai Desaiabhai Patel Institute of Paramedical Sciences (BDIPS).

A total of 35 students from the department of Operation Theatre and Aesthesia technology attended the Expert talk.

The program started at 1:00 PM, Mr. Karan Morje - Assistant professor, Department of OTAT welcomed the participants and introduced the resource person. The expert person delivered the session which lasted for 2 hours. The program was concluded by giving the vote of thanks and certificate of appreciation to the Alumni by Mr. Santosh Ojha, GS member of the CAA- BDIPS Chapter.



Santosh Ojha
GS Member
CAA – BDIPS Chapter



Prof. Darshan H. Patel
BDIPS Principal

Event Report – Alumni Expert talk
CAA – BDIPS Chapter

Event Flyer



**Charotar University of Science and Technology
Faculty of Medicine
Bapubhai Desai Bhai Patel Institute of Paramedical
Sciences (BDIPS)**

CHARUSAT Alumni Association BDIPS Chapter
Organizes Alumni Expert talk
on
RAPID SEQUENCE INDUCTION

Thursday 28 April 2022

Venue: BDIPS



Aegis: Shri Charotar Moti Sattavis Faddar Kelvani Mandar

Event Report – Alumni Expert talk
CAA – BDIPS Chapter

Events Photographs



Fig: Images taken during the Expert lecture

Event Report – Alumni Expert talk
 CAA – BDIPS Chapter

List of Students Participated (B.Sc. OTAT Students)

Sr No	Roll No	Name	Batch & Course
1	19BOTAT004	PANDYA JIL MANISHBHAI	BOTAT 6 th Semester
2	19BOTAT005	PATEL AYUSHI NARENDRABHAI	BOTAT 6 th Semester
3	19BOTAT006	PATEL BANSARI DILIPBHAI	BOTAT 6 th Semester
4	19BOTAT007	PATEL DWITI VIMALKUMAR	BOTAT 6 th Semester
5	19BOTAT008	PATEL HARSHKUMAR SUNILBHAI	BOTAT 6 th Semester
6	19BOTAT010	PATEL KANISHA PRAKASHBHAI	BOTAT 6 th Semester
7	19BOTAT011	PATEL KHUSHI HITESHBHAI	BOTAT 6 th Semester
8	19BOTAT013	MANSI N PATEL	BOTAT 6 th Semester
9	19BOTAT014	PATEL MANSIBEN MANHARBHAI	BOTAT 6 th Semester
10	19BOTAT015	PATEL MANSIBEN RAMESHBHAI	BOTAT 6 th Semester
11	19BOTAT016	PATEL RAHIBEN DHARMENDRAKUMAR	BOTAT 6 th Semester
12	19BOTAT017	PATEL SHREYASH KUMAR JAYESHBHAI	BOTAT 6 th Semester
13	19BOTAT018	PATEL SMIT UMESHBHAI	BOTAT 6 th Semester
14	19BOTAT019	PATEL TISHA NILESHBHAI	BOTAT 6 th Semester
15	19BOTAT020	PATEL VISHWAM HITESHKUMAR	BOTAT 6 th Semester
16	19BOTAT021	PATELIA MITULKUMAR MANOJBHAI	BOTAT 6 th Semester
17	19BOTAT023	TELI KIRTESH KUMAR BADRILAL	BOTAT 6 th Semester
18	19BOTAT024	PATEL KHUSHBU YOGESHBHAI	BOTAT 6 th Semester
19	19BOTAT025	PARMAR KUNJALBEN RAMESHBHAI	BOTAT 6 th Semester
20	20BOTAT004	GOHEL HARDIK BHUPENDRABHAI	BOTAT 4 th Semester
21	20BOTAT006	PATEL AESHABEN SHAILESHBHAI	BOTAT 4 th Semester
22	20BOTAT007	PATEL BANSARI YOGINKUMAR	BOTAT 4 th Semester
23	20BOTAT008	PATEL DARSHANKUMAR HARIKRUSHNA	BOTAT 4 th Semester
24	20BOTAT009	PATEL DEEP JITENDRAKUMAR	BOTAT 4 th Semester
25	20BOTAT011	PATEL DHRUVI SANJAYBHAI	BOTAT 4 th Semester
26	20BOTAT012	PATEL DRASHTIBEN JIGNESHBHAI	BOTAT 4 th Semester

Event Report – Alumni Expert talk**CAA – BDIPS Chapter**

27	20BOTAT013	PATEL HARSHKUMAR PRITESHKUMAR	BOTAT 4th Semester
28	20BOTAT016	PATEL KHUSHBOOBEN PINAKINBHAI	BOTAT 4th Semester
29	20BOTAT017	PATEL KHUSHIBEN HARIKRUSHNA	BOTAT 4th Semester
30	20BOTAT018	PATEL KRISHNABEN HITESHBHAI	BOTAT 4th Semester
31	20BOTAT021	PATEL MIRAL KAMLESHBHAI	BOTAT 4th Semester
32	20BOTAT022	PATEL NANDNI PARAGBHAI	BOTAT 4th Semester
33	20BOTAT024	PATEL RUSHILKUMAR YATINBHAI	BOTAT 4th Semester
34	20BOTAT025	PATEL RUTVI UMESHKUMAR	BOTAT 4th Semester
35	20BOTAT031	SHUKLA KASHYAP DEEPAK	BOTAT 4th Semester



Santosh Ojha
GS Member
CAA – BDIPS Chapter

RIDHAM V. PATEL

Department of Operation Theatre & Anesthesia Technology, Charotar Institute of Paramedical Sciences, Charotar University of Science & Technology, Changa, Anand- Gujarat, IN-388421

Phone: +91 9725884806; Email: ridhampatel2800@gmail.com;

LinkedIn Profile: [linkedin.com/in/ridham-patel-819524149](https://www.linkedin.com/in/ridham-patel-819524149/);

EXPERIENCE:

September 2021- Till date

ANESTHESIA TECHNOLOGIST, CHARUSAT Healthcare & Research Foundation- CHRF

Performing duties & assisting as a Key technologist with Anesthesiologists, Surgeons, Head Nurse and OT staff in cases of several domains viz. General, Ortho, Gynaec & Obstetric, Urology etc. surgeries

June 2020- June 2021

GRADUATE INTERN, CHARUSAT Healthcare & Research Foundation- CHRF

During the tenure received on hand experience of every subject that was once taught as theories in Classroom studies, meanwhile understood the value of Anesthesia technologist in Operation Theatre and learned the highest level of multitasking and endurance in work.

Assisted Anesthesiologists in cases of several domains viz. ENT, Eye, General, Ortho, Gynaec & Obstetric, Neuro etc. surgeries and in processes, To complete a working hours of about 1440 Hrs. in Operation Theatre for the partial completion of Bachelor's Degree.

June 2019- July 2019

SUMMER INTERN, CHARUSAT Healthcare & Research Foundation- CHRF

Attended, assisted and practiced voluntarily to understand the austere routine in Operation Theatre for about 150 case of several domains viz. ENT, Eye, General, Ortho., Gynaec & Obstetric, Neuro, Plastic and Urology etc. during the midterm summer vacation, the internship provided an extensive practical knowledge and bridged the channel of theories to practical.

QUALIFICATION:

2017-2021

BACHELORS OF SCIENCE IN OPERATION THEATRE & ANESTHESIA TECHNOLOGY
Charotar Institute of Paramedical Sciences, Charotar University of Science & Technology, Changa, Anand- Gujarat, IN-388421

Performed the entire course of graduation as a sense of responsibility to the healthcare, learning through and through every subject with minute precision and tried to achieve at par excellence in the batch by scoring throughout the tenure, achieving grades as,

Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII
6.47	7.27	8.82	10.00	10.00	9.80	10.00	YTA

Apart from just theoretical knowledge, I tried to interact with experts of the field regarding the general practices and studied extensively out of the syllabus for research orientation and worked parallel with the professors for data collection for research. Actively participated in community services and understood the basic medical orientation in the central province of the country.

CERTIFICATIONS:

- 15th February 2021* **BASIC LIFE SUPPORT (BLS) NHCPS CERTIFICATION, 4.00 AMA PRA Category Credit 1**
Post Graduate Institute of Medicine, ACCME, ACPE, ANCC
- 18th March 2021* **ADVANCED CARDIAC LIFE SUPPORT (ACLS) NHCPS CERTIFICATION, 8.00 AMA PRA Category Credit 1**
Post Graduate Institute of Medicine, ACCME, ACPE, ANCC
- 30th July 2020* **MECHANICAL VENTILATION FOR COVID-19, 3.00 AMA PRA Category Credit 1**
Harvard Medical School, ACCME

CONFERENCE, WORKSHOP & CERTIFICATIONS:

- 19th - 24th September 2020* **3 Part Webinar Series to Elevate Ventilator Management**
GE HealthCare, Ananthapuri, Kerala
- 17th January 2021* **KAAMCON 2021, AIDAA & AMF**
Virtual Conference

TECHNICAL SKILLS:

- OT & Surgery Roles* Positioning of Patients, Drug Loading, Drug Administration, Assistance during Intubation & Extubation, Monitor Attachments, GA Trolley Set Up & Spinal Tray Set Up. Basic Duties of all Surgeries of Different domains viz. Gynaec, General, Ortho, Neuro, Ophthalmology etc.
Assisted anesthesiologist in the acquisition, preparation and application of the equipment and supplies required for the administration of anesthesia.
Prepared and maintained patient monitoring devices and anesthesia delivery systems before, during and after anesthesia
Knowledge of operating a variety of mechanical, pneumatic and electronic equipment used to monitor, evaluate and manage the patient undergoing surgery
Assisted anesthesiologist and other staff of operation theatre in troubleshooting that may appear involving machines and instruments.

SKILLS:

- Languages:* Gujarati, Hindi & English (Full Working Proficiency)
- Strengths:* Austerely Dedicated, Compassionate, Good Communication Skills, Patience, Perseverance, Quick Learner, Analytical Thinker, Endurance to Stand OT for Long Hours, Good Listener.
- Weakness:* Anything Excess to my own turns to Weakness (Professionally)

BIO:

Name: Ridham Vipinchandra Patel
Father's Name: Late Shri. Vipinchandra Manibhai Patel
D.O.B: 28th January 2000
Sex: Female
Marital Status: Unmarried
Permanent Address: Vachali Khadki, near juna chora, at. Mehlav, Ta. Petlad, Dist. Anand-388440

- ✓ I hereby Declare the Information given herewith are correct to my knowledge
- ✓ References, Recommendation & Testimonials can be provided on request

Date: 30th April 2022
Place: Changa



Signature

Event Report – Alumni Webinar
CAA – BDIPS Chapter

Charotar University of Science and Technology
CHARUSAT Alumni Association - BDIPS Chapter
Webinar on “Scope of Optometry”

CHARUSAT Alumni Association – BDIPS chapter organized a webinar on 13th May 2022. Ms. Vishruti Patel, Alumni of BDIPS, Department of optometry (2017 - 2021 batch) delivered an expert talk/Webinar on Scope of Optometry. Ms. Vishruti Patel is working as Optometrist at Chasma Ghar, Anand. The session was very interactive and Alumnus shared her experience in the college during her academic year. The students were open to discuss about the Future prospects of the course in the industry.

The details of the program were compiled in an e- flyer and were distributed among all the students for participation. The link for the registration was shared to the Google classroom and program was conducted on Google meet.

A total of 34 students from Undergraduate programme from Department of Optometry attended the webinar.

The program started at 1:30 PM, Mr. Jaydev Pargara – Head of department, Department of Optometry welcomed the participants and introduced the resource person. The expert person delivered the session which lasted for around 2 hours. The program was concluded by giving the vote of thanks and appreciation to the Alumni by Mr. Jaydev Pargara.



Santosh Ojha
GS Member
CAA – BDIPS Chapter



Prof. Darshan H. Patel
BDIPS Principal

Event Report – Alumni Webinar
CAA – BDIPS Chapter
Event Flyer

Charotar University of Science and Technology
Faculty of Medicine
Bapubhai Desai Bhai Patel Institute of Paramedical Sciences (BDIPS)

CHARUSAT Alumni Association - BDIPS Chapter
Organizes Webinar
on

SCOPE OF OPTOMETRY

Webinar

13 May 2022



MS. VISHRUTI PATEL
ALUMNI CIPS/BDIPS 2017 BATCH
DEPARTMENT OF OPTOMETRY

Event Report – Alumni Webinar
CAA – BDIPS Chapter
Events Photographs



Fig: Screenshot taken during the Webinar

Event Report – Alumni Webinar
 CAA – BDIPS Chapter

List of Students Participated (B.Sc. Optometry Students)

Sr No	Roll No	Name	Batch & Course
1	20BOP002	JETHWA DIYA	2020-24
2	20BOP003	MOMIN SANIYA	2020-24
3	21BOP002	ADITI TAMBOLI	2021-25
4	21BOP003	PRIYANSHI GANDHI	2021-25
5	21BOP004	HARSH MACWAN	2021-25
6	21BOP008	SHRISHTI ROY	2021-25
7	21BOP009	PRACHI MEHTA	2021-25
8	21BOP010	RAYCHA KAVYA	2021-25
9	21BOP011	BELLO BLESSED	2021-25
10	21BOP012	VAGHELA HINAL	2021-25
11	21BOP013	VANKAR KRISHNA	2021-25
12	21BOP014	PATEL VAISHVI	2021-25
13	21BOP015	PUROHIT MITALI	2021-25
14	21BOP016	NKOSINO THANDO S.NXAMALO	2021-25
15	19BOP002	RIDDHI CHAUHAN	2019-23
16	19BOP013	BILWAL PREZY	2019-23
17	19BOP006	OM KUMAR	2019-23
18	19BOP009	PATEL PRIYANSHI	2019-23
19	19BOP012	SURBHI DAMOR	2019-23
20	19BOP008	PATEL DHRUVI	2019-23
21	19BOP004	JOSHI KHUSHI	2019-23
22	19BOP001	BHAISAHEB FIZZA	2019-23
23	19BOP010	RAJGOR MANSI	2019-23
24	19BOP011	SANGHVI VATSAL	2019-23
25	18BOP002	BHATT KAIVALYA	2018-22
26	18BOP009	PATIDAR PAYAL	2018-22
27	20BOP004	PATEL DEVINA	2019-23
28	20BOP001	KHADIJA DUDHIYAWALA	2020-24

Event Report – Alumni Webinar

CAA – BDIPS Chapter

29	20BOP005	PATEL DIYA	2020-24
30	19BOP005	ROSHAN SHAH	2019-23
31	19BOP014	SONI ANJALI	2019-23
32	18BOP001	TAMANNA AKBARI	2018-22
33	18BOP010	PRAJAPATI PARTH	2018-22
34	18BOP011	PRAJAPATI YASH	2018-22



Santosh Ojha
GS Member
CAA – BDIPS Chapter

OPTOMETRIST

VISHRUTIBEN PATEL

Near Bus Stop, Kavitha, Anand, Gujarat, India 388545

Cell: +91(963) 861-0916

E-mail: patelvishruti123@gmail.com

Objective:

Recent Qualified Optometrist with strong education and hands-on experience also completed Bachelor in Optometry. A wide range of knowledge that includes one year of experience in project named "Changes in central corneal thickness and refractive error after thin-flap laser in-situ keratomileusis in Indian eye". I am very keen in putting my theoretical knowledge to practical experience and to enhance my professional skills. Opportunity in your organization seems to fit very well to my education and my career interest. It would give me the much required exposure. I believe that there is no alternative to success than continuous improvement upon work. Taking up my job earnestly will help me to perform better and respond positively to any challenges posed during the execution of my duties. Given an opportunity, I will strive to serve the hospital in the best possible manner, simultaneously updating myself according to the requirements of the health professionals.

Skills:

- Working with Technological Equipment and Machinery. Using Specialized Instrumentation and Equipment.
- Service and Care. Treating People/Animals.
- Analysis. Examining and Diagnosing.
- Projecting Outcomes.
- Communication.
- Advising and Consulting.
- Information Handling.
- Processing Information

Education:

- BACHELOR OF OPTOMETRY
CHAROTAR UNIVERSITY OF SCIENCE
AND TECHNOLOGY
Gujarat, India

Work Experience:

➤ **Internship: Santram Netra Chikitsalay
Gujarat, India**

- Examining patient's refractive errors.
- Analyzing patient's test results and coming up with appropriate treatment plans.
- Examining patient's anterior chamber, cornea and lens using slit-lamp bio-microscopy.
- Prescribing eyeglasses and contact lenses to patients.
- Measuring and recording patient's lens power with lensometers.
- Conducting visual fields testes to measure patient's visual field.

➤ **Specks Hub Optical- Anand**
Position: Intern Optometrist
January 2022 to Present

Responsibilities:

- Pre-screen clients by inquiring about their vision issues
- Evaluate prescriptions from Optometrists and Ophthalmologists in conjunction with patients' vocational and avocational visual requirements
- Take accurate details of each customer's optical and facial details to arrive at the best fit and style preference before procuring frames
- Work with machinery to adjust or design custom contact lenses and frames for clients
- Complete additional daily office tasks such as keeping records of clients' prescriptions, preparing paperwork for customers' insurance payments, maintaining order inventory, and tracking requests in the system
- Sell vision assistive equipment and other gadgets such as sunglasses, spectacles, and contact lenses
- Create work orders for lab technicians and provide relevant information for them to make new lenses
- Guiding customers through the process of purchasing the correct eyewear
- Taking accurate measurements of customer faces and eyes to get the right fit
- Knowing how to match the lens specifications to the prescriptions
- Updating the in-house system, handling appointment scheduling, and following-up with customers to remind them of upcoming appointments
- Talking to customers in a shop or clinic to suggest eyeglass accessories like lens cleaners and cases

Extracurricular Activities:

- National Conference on Myopia control and Contact lenses
- Poster competition in National conference on Vision Therapy
- Quiz competition on World sight Day
- Poster competition on World Optometry Day

Language:

- English
- Gujarati
- Hindi

Reference:

M.Optom Jaydevsingh Pargara
HOD of Optometry Department
Charotar University of Science and Technology
Anand, Gujarat, India

Event Report – Alumni Webinar
CAA – BDIPS Chapter

Charotar University of Science and Technology

CHARUSAT Alumni Association - BDIPS Chapter

Webinar on “Safety in Radiology & Biological effects of Radiations”

CHARUSAT Alumni Association – BDIPS chapter organized a webinar on 14th May 2022. Ms. Pooja Snehal Patel, Alumni of BDIPS, Department of Medical Imaging Technology (DMIT) (2017 - 2021 batch) delivered an expert talk/Webinar on Safety in Radiology & Biological effects of Radiations. Ms. Pooja Snehal Patel is working as tutor at Success Overseas Education Consultants, Anand. The session was very interactive and the alumni shared about the advancements about the safety consideration in radiology department and Biological effects of radiations. The alumni also shared her experience in the college and discussed the queries regarding the scope of the course in the industry and further education in foreign university.

The details of the program were compiled in an e- flyer and were distributed among all the students for participation. The link for the registration was shared to the Google classroom and program was conducted on Google meet.

A total of 43 students from Postgraduate and Undergraduate programme from department of Medical Imaging Technology attended the webinar.

The program started at 11:00 AM, Mrs. Dolly Sharma – Head of department, Department of Medical Imaging Technology welcomed the participants and introduced the resource person. The expert person delivered the session which lasted for around 2 hours. The program was concluded by giving the vote of thanks and appreciation to the Alumni by Mr. Santosh Ojha, GS member of the CAA- BDIPS Chapter.



Santosh Ojha
GS Member
CAA – BDIPS Chapter



Prof. Darshan H. Patel
BDIPS Principal

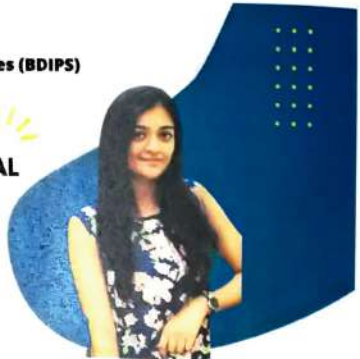
Event Report – Alumni Webinar
CAA – BDIPS Chapter
Event Flyer

Charotar University of Science and Technology
Faculty of Medicine
Bapubhai Desai Bhai Patel Institute of Paramedical Sciences (BDIPS)
CHARUSAT Alumni Association - BDIPS Chapter
Organizes Webinar
on

**SAFETY IN RADIOLOGY & BIOLOGICAL
EFFECTS OF RADIATIONS**

WEBINAR

THURSDAY, 12 MAY 2022
11:00 AM



Resource Person
Ms. Pooja s. patel

Event Report – Alumni Webinar
CAA – BDIPS Chapter
Events Photographs

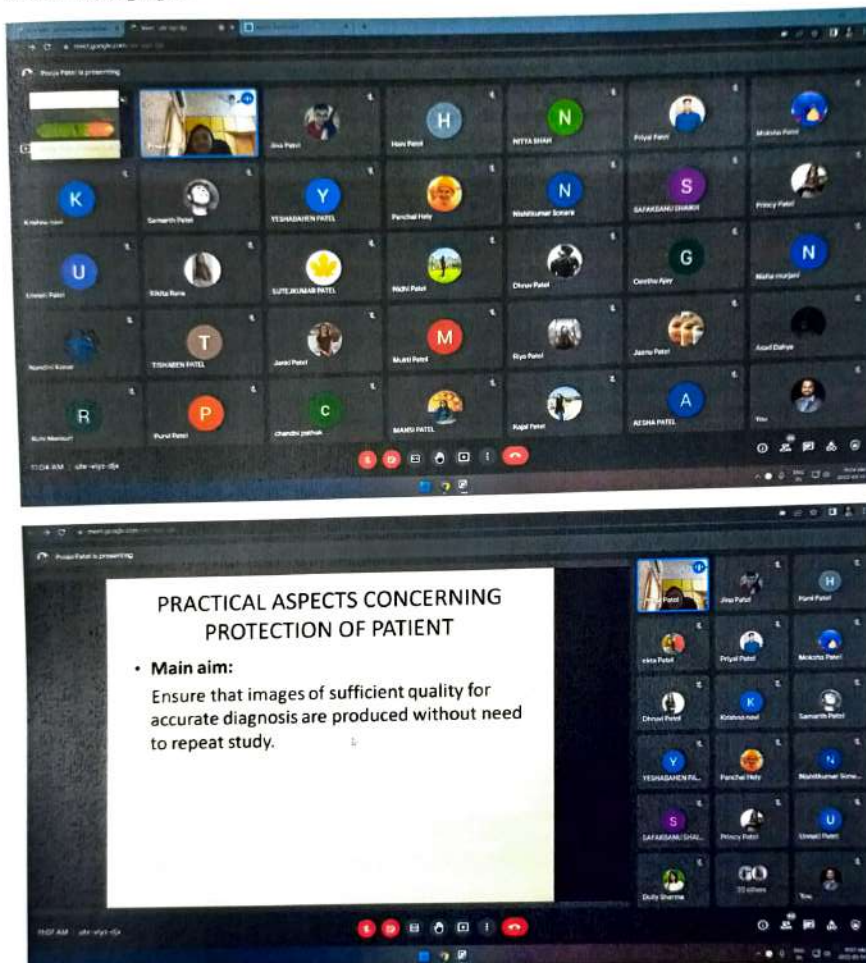


Fig: Screenshot taken during the Webinar

Event Report – Alumni Webinar

CAA – BDIPS Chapter

List of Students Participated (B.Sc. MIT & M.Sc. MIT Students)

Sr. No	Roll No	Name	Batch & Course
1	21BMIT001	DIWAN ATIKSHA MAHEBUBSHA	BMIT 2 nd Semester
2	21BMIT002	PANCHAL HELEEBEN JAGDISHBHAI	BMIT 2 nd Semester
3	21BMIT003	AESHA PATEL	BMIT 2 nd Semester
4	21BMIT007	PATEL RIDDHIBEN VIRENDRAKUMAR	BMIT 2 nd Semester
5	21BMIT008	PATEL SAKSHI DIVYAKANT	BMIT 2 nd Semester
6	21BMIT009	PATEL TISHABEN NIRAVKUMAR	BMIT 2 nd Semester
7	21BMIT010	PATEL YESHABAHEEN HARESHBHAI	BMIT 2 nd Semester
8	20BMIT002	NAGBANSHI YASH RAJ SUNIL	BMIT 4 th Semester
9	20BMIT004	PATEL AKSHAR RAKESHKUMAR	BMIT 4 th Semester
10	20BMIT005	PATEL DHRUVIBEN PANKAJKUMAR	BMIT 4 th Semester
11	20BMIT006	PATEL ISHA KETULKUMAR	BMIT 4 th Semester
12	20BMIT010	PATEL PRIYAL VINODBHAI	BMIT 4 th Semester
13	20BMIT012	PATEL SAMARTH BHAVINBHAI	BMIT 4 th Semester
14	20BMIT013	PATEL SHREYA AMITBHAI	BMIT 4 th Semester
15	20BMIT014	SOLANKI SHRADDHA PARESHBHAI	BMIT 4 th Semester
16	20BMIT015	VALAND HARIN MANISHBHAI	BMIT 4 th Semester
17	20BMIT016	JANE ERNEST KARUBI	BMIT 4 th Semester
18	19BMIT001	NANDINI ASWANI	BMIT 6 th Semester
19	19BMIT002	DAHYA ASAD ARIF	BMIT 6 th Semester
20	19BMIT003	DIWAN NAJNEENBEN KALUSHA	BMIT 6 th Semester
21	19BMIT004	GOSWAMI TANVI NITINKUMAR	BMIT 6 th Semester
22	19BMIT005	KA PATEL JANKIBEN PRAGNESHKUMAR	BMIT 6 th Semester
23	19BMIT006	NANDINI P KONAR	BMIT 6 th Semester
24	19BMIT010	PATEL DHAVALKUMAR JAGDISHBHAI	BMIT 6 th Semester
25	19BMIT011	PATEL HARSH ASHOKBHAI	BMIT 6 th Semester
26	19BMIT012	PATEL JANHAVI DEVANGBHAI	BMIT 6 th Semester
27	19BMIT014	PATEL KAJALBEN MINESHBHAI	BMIT 6 th Semester

Event Report – Alumni Webinar
CAA – BDIPS Chapter

28	19BMIT015	PATEL PARTHVIBEN VASANTBHAI	BMIT 6 th Semester
29	18BMIT005	GOHEL KRUNAL JAYESHBHAI	BMIT 8 th Semester
30	18BMIT006	GAURAV JHA	BMIT 8 th Semester
31	18BMIT009	LIMBACHEEYA MAYURIBEN VINODKUMAR	BMIT 8 th Semester
32	18BMIT010	PANCHAL KINJAL BIPINBHAI	BMIT 8 th Semester
33	18BMIT011	PANDYA SHIVAM CHANDRESHKUMAR	BMIT 8 th Semester
34	18BMIT012	PATEL AASTHA AJAYKUMAR	BMIT 8 th Semester
35	18BMIT013	PATEL CHARMI ATULKUMAR	BMIT 8 th Semester
36	21MSMIT003	MAMTA PANDA	M.Sc. MIT 2 nd Semester
37	21MSMIT004	PANDYA HETA BHAGIRATH	M.Sc. MIT 2 nd Semester
38	21MSMIT005	PATEL JINA SANJAYKUMAR	M.Sc. MIT 2 nd Semester
39	20MSMIT003	PATEL JINALBEN JAGDISHBHAI	M.Sc. MIT 4 th Semester
40	20MSMIT004	PATEL MANSI KETANKUMAR	M.Sc. MIT 4 th Semester
41	20MSMIT005	PATEL MUKTI HEMANTKUMAR	M.Sc. MIT 4 th Semester
42	20MSMIT006	SHAH SHREENIBEN MITESHKUMAR	M.Sc. MIT 4 th Semester
43	17BMIT020	PATEL KRUTIBEN HASMUKHBHAI	2017 – 2021 batch (Pass out)



Santosh Ojha
GS Member
CAA – BDIPS Chapter

Pooja Snehal Patel

pooja219patel@gmail.com

EDUCATION

Charotar University of Science and Technology (CHARUSAT),

Changa, Gujarat, India — *Bachelor's Degree.*

July 2017 - May 2021

Bachelor's Degree in Medical Imaging Technology (BMIT) - 9.58 CGPA

CVM Higher Secondary Education Complex, V.V. Nagar, Gujarat, India - HSC (GHSEB)

June 2014 - March 2016

Science B (Biology) Group. - 73%



EXPERIENCE

Shreeji Imaging Centre, Anand, Gujarat, India — Intern

September 2020 - July 2021

Training as a Radiology Technologist.

M.S Education Consultant, Anand, Gujarat, India

September 2021 - November 2021

IELTS trainer

Success Overseas Education Consultants, Anand, Gujarat, India

February 2022 - Present

IELTS trainer

CERTIFICATIONS

Indian society of Radiographers and Technologists (ISRT) – Student Member

SKILLS

Verbal and written communication
Teamwork
Time Management
Presentation Skills
Punctual
Adaptability
Public Speaking

SOFTWARES

Microsoft Office

LANGUAGES

English, Gujarati, Hindi.

INTERESTS

Reading
Drawing

**BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCE,
CHARUSAT
EMPLOYER FEEDBACK ON CURRICULUM ANALYSIS REPORT AY 2021-2022**

Curriculum feedback quantitative analysis

Total Number of feedback received=04

Point No.	Curriculum Feedback Criteria (Academic Peer)	Grade (G) (10)
1	Technical knowledge and the skills of the students are up to date.	8.11
2	Curriculum provides adequate knowledge and training to the students.	9.03
3	Curriculum has rich contents which ensures problem solving, leadership & managerial skills.	8.33
4	Students maintain good interpersonal relations with their colleagues and seniors.	9.55
5	Students volunteer themselves for new initiations of organization.	9.33
6	Students mold themselves as per need of organization.	8.55
7	Curriculum facilitated students to attain the desired competency level.	9.11
8	Curriculum enriched the moral values among students.	8.55
9	Curriculum transaction sensitized them about team work.	9.55
10	Communication skills of students are good.	8.55

Statistical process to analyse data

Grade for a point indicator 'P' is calculated as follows, on the scale of 10.

$$G_r = [(5 * N_{r_5} + 4 * N_{r_4} + 3 * N_{r_3} + 2 * N_{r_2} + N_{r_1}) / N] * 2$$

N = Number of students who have submitted response to the point indicator 'P'.

N_{r₅} = Number of students who have given 5 marks to the point indicator 'P'.

N_{r₄} = Number of students who have given 4 marks to the point indicator 'P'.

N_{r₃} = Number of students who have given 3 marks to the point indicator 'P'.

N_{r₂} = Number of students who have given 2 marks to the point indicator 'P'.

N_{r₁} = Number of students who have given 1 mark to the point indicator 'P'.

Employer suggestions to improve the syllabus:

- No suggestions received from the employer as they were satisfied with adequate knowledge

Improvement Action Plan:



Optom. Jaydevsinh Pargara
Head of Dept. (Optometry)

BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
Employer Feedback on Curriculum Analysis Report
AY 2021-2022

Total Number of feedback received = 4

SN.	Curriculum Feedback Criteria	Grade (G) (10)
1	Technical knowledge and the skills of the students are up to date.	8.5
2	Curriculum provides adequate knowledge and training to the students.	8
3	Curriculum has rich contents, which ensures problem solving, leadership & managerial skills.	8
4	Students maintain good interpersonal relations with their colleagues and seniors.	7.33
5	Students volunteer themselves for new initiations of organization.	7.8
6	Students mold themselves as per need of organization.	9
7	Curriculum facilitated students to attain the desired competency level.	8
8	Curriculum enriched the moral values among students.	8.3
9	Curriculum transaction sensitized them about teamwork.	8.7
10	Communication skills of students are good.	8

Statistical process to analyze data

Grade for a point indicator 'P' is calculated as follows, on the scale of 10.

$$GP = \frac{[5*NP5+4*NP4+3*NP3+2*NP2+NP1]}{N} * 2$$

N= Number of students who have submitted response to the point indicator 'P'

NP5= Number of students who have given 5 marks to the point indicator 'P'

NP4= Number of students who have given 4 marks to the point indicator 'P'

NP3= Number of students who have given 3 marks to the point indicator 'P'

NP2= Number of students who have given 2 marks to the point indicator 'P'

NP1= Number of students who have given 1 marks to the point indicator 'P'

Suggestion for improvement: Nil

Improvement Action Plan:

- Clinical posting hours shall be increased.



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**BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCE,
CHARUSAT
BOP STUDENT FEEDBACK ANALYSIS REPORT AY 2021-2022
Curriculum feedback quantitative analysis Total Number
of feedback received=39**

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1	Course Structure	8.04
2	Depth of the course content	8.33
3	Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	9.02
4	Compatibility with industry standards	8.04
5	Compatibility with current global scenario of academics	8.33
6	Compatibility with the real-life situation	8.33
7	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	7.94
8	Sufficient reference material and books are available for the topics mentioned in the syllabus	7.94
9	Overall rating (10)	8.24

Statistical process to analyse data

Grade for a point indicator 'P' is calculated as follows, on the scale of 10.

$$G_p = [(5 * N_{p5} + 4 * N_{p4} + 3 * N_{p3} + 2 * N_{p2} + N_{p1}) / N] * 2$$

N = Number of students who have submitted response to the point indicator 'P'.

N_{p5} = Number of students who have given 5 marks to the point indicator 'P'.

N_{p4} = Number of students who have given 4 marks to the point indicator 'P'.

N_{p3} = Number of students who have given 3 marks to the point indicator 'P'.

N_{p2} = Number of students who have given 2 marks to the point indicator 'P'.

N_{p1} = Number of students who have given 1 mark to the point indicator 'P'.

Student suggestions to improve the syllabus:

- Should be given more practical exposure
- Should have sufficient reference book material.
- Should be given sufficient and proper time to prepare for the subjects

Improvement Action Plan:

- Outside posting and new equipment has been purchased to solve the problem
- Reference book already ordered
- Look into the detail of time management by subject teacher



Optom. Jaydevsinh Pargara
Head of Dept. (Optometry)

EXIT SURVEY ANALYSIS REPORT AY 2021-2022

BMIT (2018-2022)

Exit Survey feedback quantitative analysis

Total Number of feedback received= 13

Sr No.	Exit Survey Feedback (Pass out Batch 2018-2022)	Grade (G) (10)
1	Curricular Aspects [Curriculum developed and implemented has relevance to local, national, regional and global development needs.]	8
2	Curricular Aspects [Curriculum was broad enough to prepare you for career of choice.]	7.84
3	Curricular Aspects [Curriculum integrates crosscutting issues relevant to professional ethics, gender, human values, environment and sustainability.]	8.46
4	Curricular Aspects [The learning was supplemented by co-curricular activities such as coursework outside the curriculum, project work, internships, workshops, conference, symposia etc.]	8.30
5	[Audiovisual learning resources provided by teachers facilitated you to improve learning.]	7.69
6	[Reading material and other learning resources provided by teachers facilitated you to improve learning.]	8
7	[Hands-on practice in laboratories and project work facilitated in overall development, inculcating skills and time management.]	7.53
8	[Academic activities facilitate you to improve experiential learning, participative learning and problem solving methodology.]	8.15
9	[Evaluation pattern (Unit Test, Assignment, and Presentation) made you capable of analyzing your strength & weakness, and empowered you to use resources effectively.]	8.30
10	[The overall experience would help you to engage in independent and life-long learning in the broadest context of technological change.]	8
11	Research and Extension Activities [Institution has an eco-system to promote research and other initiatives for creation and transfer of knowledge.]	8
12	Research and Extension Activities [Institution has adequate facility to carry out research.]	7.07
13	Research and Extension Activities [Workshops/seminars on research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development are organized regularly.]	8
14	Research and Extension Activities [Activities with social relevance (NCC/ NSS/ CHRF/ CHARUSAT Rural Education etc.) are conducted regularly.]	7.84

15	Infrastructure and Learning Resources [The institute has adequate facilities for Teaching – learning viz. audiovisual amenities, classrooms, laboratories.]	7.53
16	Infrastructure and Learning Resources [The institute has adequate facilities for Cultural activities, yoga, games (Indoor and outdoor), sports and gymnasium]	7.69
17	Infrastructure and Learning Resources [The institute has adequate LAN, Wi-Fi and Internet Facility]	6.61
18	Infrastructure and Learning Resources [The institute has adequate and hygienic canteen and food facilities.]	7.84
19	Infrastructure and Learning Resources [Campus Ambience (Greenery, Environment friendly eco system, usage of solar lights, saving of electivity, production of electricity, working space) is pleasant.]	8.15
20	Infrastructure and Learning Resources [Adequate learning resources are available in library.]	6.76
21	Student Support and Progression [Active student council exists and students are involved in activities for institutional development and student welfare.]	7.69
22	Student Support and Progression [Institution timely resolves the grievances including sexual harassment and ragging cases.]	8.15
23	Student Support and Progression [Counseling helped in assessing learning level of students, leading to customized attention to needy students.]	6.76
24	Student Support and Progression [Institution encourages and provides support to participate in national and international events.]	7.69
25	Student Support and Progression [Capacity development and skills enhancement activities are organized regularly.]	6.92
26	Student Support and Progression [Adequate support is provided by Career Development and Placement Cell (CDPC).]	6.76
27	Governance and Leadership [The effective and transparent leadership is reflected in various institutional policies/ practices.]	7.38
28	Governance and Leadership [Management of Institution follows “Equal Opportunity” for all.]	7.23
29	Governance and Leadership [Institute felicitates achievement of students through various modes.]	7.23



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BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
STUDENT CURRICULUM FEEDBACK ANALYSIS
AY 2021-2022 BMIT EVEN SEMESTER

Curriculum feedback quantitative analysis

21 June 2022

Total Number of feedback received = 41

SN	Curriculum Feedback Criteria	Grade (G) (10)
1	Course Structure	8.53
2	Depth of the course content	8.68
3	Learning value in terms of skills	8.43
4	Learning value in terms of domain knowledge	8.48
5	Learning value in terms of analytical abilities	8.68
6	Compatibility with industry standards	8.34
7	Compatibility with current global scenario of academics	8.63
8	Compatibility with the real-life situation	8.58
9	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	8.73
10	Sufficient reference material and books are available for the topics mentioned in the syllabus	8.58
11	Overall rating	8.78

Statistical process to analyze data

Grade for a point indicator 'P' is calculated as follows, on the scale of 10.

$$GP = \frac{[5 \cdot N_{P5} + 4 \cdot N_{P4} + 3 \cdot N_{P3} + 2 \cdot N_{P2} + N_{P1}]}{N} \cdot 2$$

N = Number of students who have submitted response to the point indicator 'P'

N_{P5} = Number of students who have given 5 marks to the point indicator 'P'

N_{P4} = Number of students who have given 4 marks to the point indicator 'P'

N_{P3} = Number of students who have given 3 marks to the point indicator 'P'

N_{P2} = Number of students who have given 2 marks to the point indicator 'P'

N_{P1} = Number of students who have given 1 marks to the point indicator 'P'

Suggestion for improvement: Nil

Improvement Action Plan:

- To increase the Clinical posting hours to improve the teaching learning process.
- Regularly updating the syllabus as per the advancements in the domain.



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BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
STUDENT CURRICULUM FEEDBACK ANALYSIS
AY 2021-2022 MSMIT EVEN SEMESTER

Curriculum feedback quantitative analysis

Total Number of feedback received = 17

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1	Course Structure	8.24
2	Depth of the course content	8.47
3	Learning value in terms of skills	8.47
4	Learning value in terms of domain knowledge	8.47
5	Learning value in terms of analytical abilities	8.24
6	Compatibility with industry standards	8.00
7	Compatibility with current global scenario of academics	8.12
8	Compatibility with the real-life situation	8.47
9	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	8.24
10	Sufficient reference material and books are available for the topics mentioned in the syllabus	8.47
11	Overall rating	8.59

Statistical process to analyze data

Grade for a point indicator 'P' is calculated as follows, on the scale of 10.

$$GP = [5 * N_{P5} + 4 * N_{P4} + 3 * N_{P3} + 2 * N_{P2} + N_{P1}] / N * 2$$

N = Number of students who have submitted response to the point indicator 'P'

N_{P5} = Number of students who have given 5 marks to the point indicator 'P'

N_{P4} = Number of students who have given 4 marks to the point indicator 'P'

N_{P3} = Number of students who have given 3 marks to the point indicator 'P'

N_{P2} = Number of students who have given 2 marks to the point indicator 'P'

N_{P1} = Number of students who have given 1 marks to the point indicator 'P'

Suggestion for improvement: Nil

Improvement Action Plan: None



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EXIT SURVEY ANALYSIS REPORT AY 2021-2022

MSMIT (2020 - 2022)

Exit Survey feedback quantitative analysis

Total Number of feedback received = 4

Sr No.	Exit Survey Feedback (Pass out Batch 2020-2022)	Grade (G) (10)
1	Curricular Aspects [Curriculum developed and implemented has relevance to local, national, regional and global development needs.]	9
2	Curricular Aspects [Curriculum was broad enough to prepare you for career of choice.]	9.5
3	Curricular Aspects [Curriculum integrates crosscutting issues relevant to professional ethics, gender, human values, environment and sustainability.]	9.5
4	Curricular Aspects [The learning was supplemented by co-curricular activities such as coursework outside the curriculum, project work, internships, workshops, conference, symposia etc.]	8.5
5	[Audiovisual learning resources provided by teachers facilitated you to improve learning.]	8.5
6	[Reading material and other learning resources provided by teachers facilitated you to improve learning.]	9
7	[Hands-on practice in laboratories and project work facilitated in overall development, inculcating skills and time management.]	9
8	[Academic activities facilitate you to improve experiential learning, participative learning and problem solving methodology.]	8.5
9	[Evaluation pattern (Unit Test, Assignment, and Presentation) made you capable of analyzing your strength & weakness, and empowered you to use resources effectively.]	9
10	[The overall experience would help you to engage in independent and life-long learning in the broadest context of technological change.]	9
11	Research and Extension Activities [Institution has an eco-system to promote research and other initiatives for creation and transfer of knowledge.]	7.5
12	Research and Extension Activities [Institution has adequate facility to carry out research.]	7.5
13	Research and Extension Activities [Workshops/seminars on research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development are organized regularly.]	8.5
14	Research and Extension Activities [Activities with social relevance (NCC/ NSS/ CHRF/ CHARUSAT Rural Education etc.) are conducted regularly.]	7

15	Infrastructure and Learning Resources [The institute has adequate facilities for Teaching – learning viz. audiovisual amenities, classrooms, laboratories.]	7.5
16	Infrastructure and Learning Resources [The institute has adequate facilities for Cultural activities, yoga, games (Indoor and outdoor), sports and gymnasium]	7
17	Infrastructure and Learning Resources [The institute has adequate LAN, Wi-Fi and Internet Facility]	7
18	Infrastructure and Learning Resources [The institute has adequate and hygienic canteen and food facilities.]	6.5
19	Infrastructure and Learning Resources [Campus Ambience (Greenery, Environment friendly eco system, usage of solar lights, saving of electivity, production of electricity, working space) is pleasant.]	9
20	Infrastructure and Learning Resources [Adequate learning resources are available in library.]	8.5
21	Student Support and Progression [Active student council exists and students are involved in activities for institutional development and student welfare.]	8
22	Student Support and Progression [Institution timely resolves the grievances including sexual harassment and ragging cases.]	9
23	Student Support and Progression [Counseling helped in assessing learning level of students, leading to customized attention to needy students.]	8.5
24	Student Support and Progression [Institution encourages and provides support to participate in national and international events.]	8.5
25	Student Support and Progression [Capacity development and skills enhancement activities are organized regularly.]	8.5
26	Student Support and Progression [Adequate support is provided by Career Development and Placement Cell (CDPC).]	9
27	Governance and Leadership [The effective and transparent leadership is reflected in various institutional policies/ practices.]	8.5
28	Governance and Leadership [Management of Institution follows “Equal Opportunity” for all.]	8.5
29	Governance and Leadership [Institute felicitates achievement of students through various modes.]	8

Statistical process to analyze data

Grade for a point indicator 'P' is calculated as follows, on the scale of 10.

$$GP = [5*NP5 + 4*NP4 + 3*NP3 + 2*NP2 + NP1] / N * 2$$

N = Number of students who have submitted response to the point indicator 'P'

NP5 = Number of students who have given 5 marks to the point indicator 'P'

NP4 = Number of students who have given 4 marks to the point indicator 'P'

NP3 = Number of students who have given 3 marks to the point indicator 'P'

NP2 = Number of students who have given 2 marks to the point indicator 'P'

NP1 = Number of students who have given 1 marks to the point indicator 'P'

Suggestion for improvement:

- Clinical posting hours should be increased.

Improvement Action Plan:

- Library will be enriched with learning resources like text books, reference book and journals according to need of students.
- More focus will be given to research and extension activities.
- Clinical posting hours will be increased.



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**2nd Semester BOTAT STUDENT FEEDBACK ANALYSIS REPORT
AY 2021-2022**

Curriculum feedback quantitative analysis

Total Number of feedback received = 13

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1	Course Structure	8.15
2	Depth of the course content	8.92
3	Learning value in terms of skills	8.61
4	Learning value in terms of domain knowledge	8.46
5	Learning value in terms of analytical abilities	8.61
6	Compatibility with industry standards	8.92
7	Compatibility with current global scenario of academics	8.15
8	Compatibility with the real-life situation	9.07
9	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	8.92
10	Sufficient reference material and books are available for the topics mentioned in the syllabus	8.92
11	Overall rating	8.46

**4th Semester BOTAT STUDENT FEEDBACK ANALYSIS REPORT
AY 2021-2022**

Curriculum feedback quantitative analysis

Total Number of feedback received = 21

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1	Course Structure	9.14
2	Depth of the course content	8.76
3	Learning value in terms of skills	8.76
4	Learning value in terms of domain knowledge	8.47
5	Learning value in terms of analytical abilities	8.28
6	Compatibility with industry standards	8.47
7	Compatibility with current global scenario of academics	8.95
8	Compatibility with the real-life situation	8.19
9	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	8
10	Sufficient reference material and books are available for the topics mentioned in the syllabus	8.85
11	Overall rating	8.85

**6th Semester BOTAT STUDENT FEEDBACK ANALYSIS REPORT
AY 2021-2022**

Curriculum feedback quantitative analysis

Total Number of feedback received = 17

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1	Course Structure	8.82
2	Depth of the course content	8.82
3	Learning value in terms of skills	8.08
4	Learning value in terms of domain knowledge	8.80
5	Learning value in terms of analytical abilities	8.70
6	Compatibility with industry standards	8.58
7	Compatibility with current global scenario of academics	8.94
8	Compatibility with the real-life situation	8.35
9	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	8.94
10	Sufficient reference material and books are available for the topics mentioned in the syllabus	8.70
11	Overall rating	8.58



Mr. Karan Morje
Assistant Professor & HOD
Dept. of Operation Theatre and Anesthesia Technology
BDIPS, CHARUSAT

EXIT SURVEY ANALYSIS REPORT AY 2021-2022
BOTAT (2018-2022)

Exit Survey feedback quantitative analysis

Total Number of feedback received= 14

Sr No.	Exit Survey Feedback (Pass out Batch 2018-2022)	Grade (G) (10)
1	Curricular Aspects [Curriculum developed and implemented has relevance to local, national, regional and global development needs.]	8.14
2	Curricular Aspects [Curriculum was broad enough to prepare you for career of choice.]	7.42
3	Curricular Aspects [Curriculum integrates crosscutting issues relevant to professional ethics, gender, human values, environment and sustainability.]	8
4	Curricular Aspects [The learning was supplemented by co-curricular activities such as coursework outside the curriculum, project work, internships, workshops, conference, symposia etc.]	8.14
5	[Audiovisual learning resources provided by teachers facilitated you to improve learning.]	8
6	[Reading material and other learning resources provided by teachers facilitated you to improve learning.]	7.17
7	[Hands-on practice in laboratories and project work facilitated in overall development, inculcating skills and time management.]	7.71
8	[Academic activities facilitate you to improve experiential learning, participative learning and problem solving methodology.]	7.71
9	[Evaluation pattern (Unit Test, Assignment, and Presentation) made you capable of analyzing your strength & weakness, and empowered you to use resources effectively.]	8.28
10	[The overall experience would help you to engage in independent and life-long learning in the broadest context of technological change.]	7.85
11	Research and Extension Activities [Institution has an eco-system to promote research and other initiatives for creation and transfer of knowledge.]	8.14
12	Research and Extension Activities [Institution has adequate facility to carry out research.]	8.14
13	Research and Extension Activities [Workshops/seminars on research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development are organized regularly.]	7.57
14	Research and Extension Activities [Activities with social relevance (NCC/ NSS/ CHR/ CHARUSAT Rural Education etc) are conducted regularly.]	8.14

15	Infrastructure and Learning Resources [The institute has adequate facilities for Teaching – learning viz. audiovisual amenities, classrooms, laboratories.]	8.57
16	Infrastructure and Learning Resources [The institute has adequate facilities for Cultural activities, yoga, games (Indoor and outdoor), sports and gymnasium]	7.85
17	Infrastructure and Learning Resources [The institute has adequate LAN, WiFi and Internet Facility]	6.57
18	Infrastructure and Learning Resources [The institute has adequate and hygienic canteen and food facilities.]	8.85
19	Infrastructure and Learning Resources [Campus Ambience (Greenery, Environment friendly eco system, usage of solar lights, saving of electivity, production of electricity, working space) is pleasant.]	9.57
20	Infrastructure and Learning Resources [Adequate learning resources are available in library.]	8.14
21	Student Support and Progression [Active student council exists and students are involved in activities for institutional development and student welfare.]	8.28
22	Student Support and Progression [Institution timely resolves the grievances including sexual harassment and ragging cases.]	8.85
23	Student Support and Progression [Counseling helped in assessing learning level of students, leading to customized attention to needy students.]	7.71
24	Student Support and Progression [Institution encourages and provides support to participate in national and international events.]	7.85
25	Student Support and Progression [Capacity development and skills enhancement activities are organized regularly.]	8
26	Student Support and Progression [Adequate support is provided by Career Development and Placement Cell (CDPC).]	7.42
27	Governance and Leadership [The effective and transparent leadership is reflected in various institutional policies/ practices.]	8.14
28	Governance and Leadership [Management of Institution follows “Equal Opportunity” for all.]	7.85
29	Governance and Leadership [Institute felicitates achievement of students through various modes.]	7.85



Mr. Karan Morje
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BDIPS, CHARUSAT

CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
BSMLT EXIT SURVEY FEEDBACK ANALYSIS REPORT

Date:20/06/2022

Subject: Feedback Received from BSMLT Final Year students

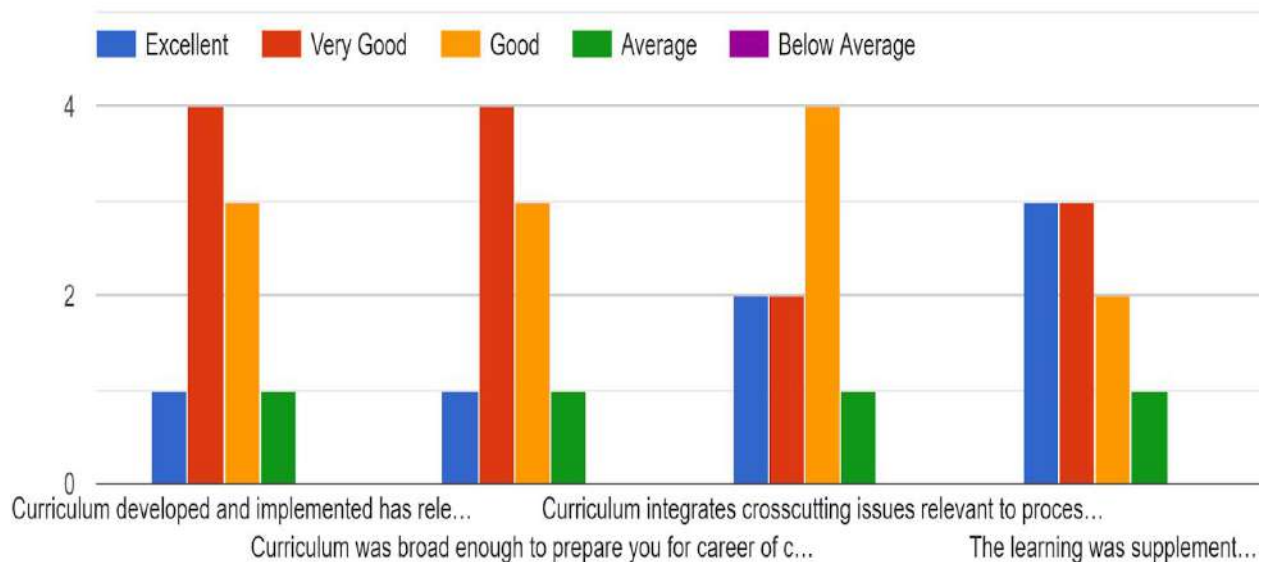
Reference Department: Medical Laboratory Technology, BDIPS

This document is divided into four parts.

1. Part A: Bar-chart Analysis of feedback.
2. Part-B: Quantitative Analysis of feedback.
3. Part C: Written Feedback Analysis of feedback.
4. Part D: Conclusion

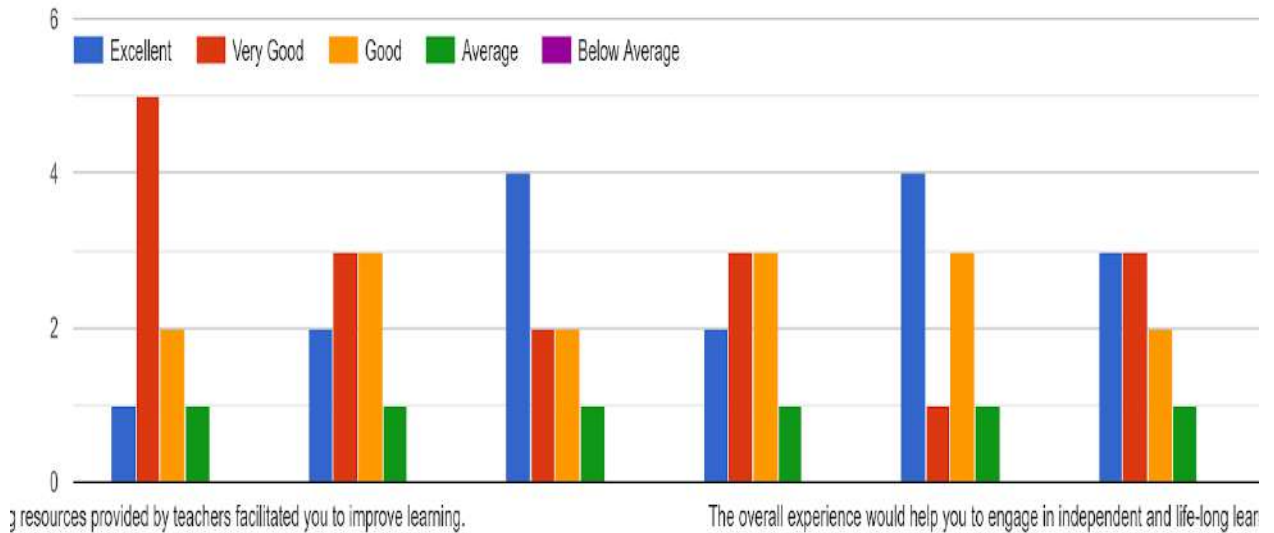
Part: A Bar-chart Analysis

Curricular Aspects

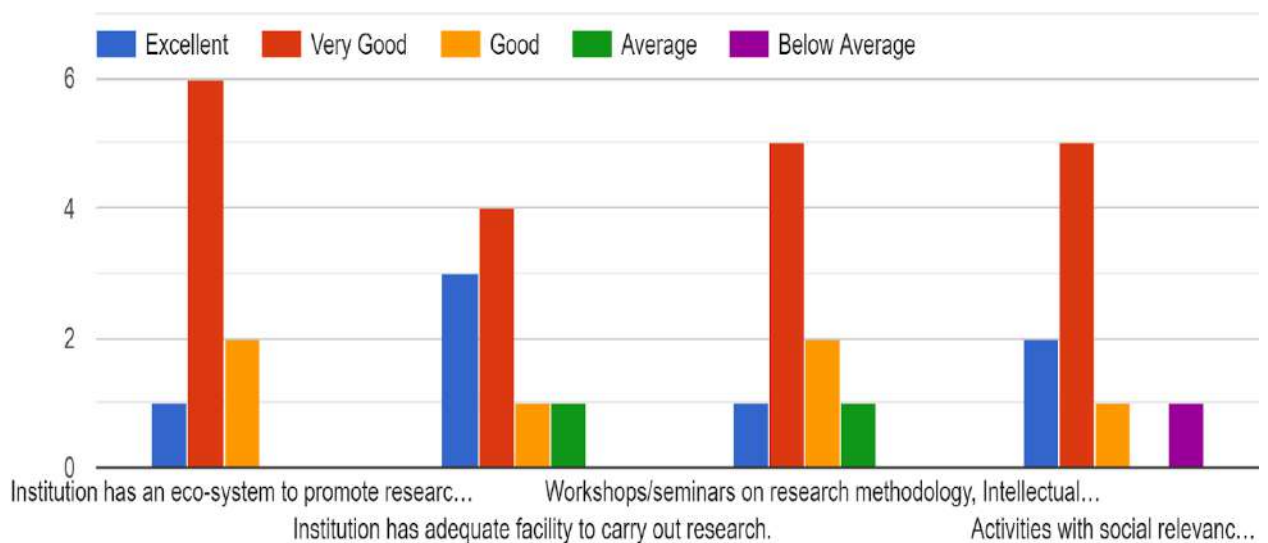


CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
BSMLT EXIT SURVEY FEEDBACK ANALYSIS REPORT

Teaching Learning and Evaluation

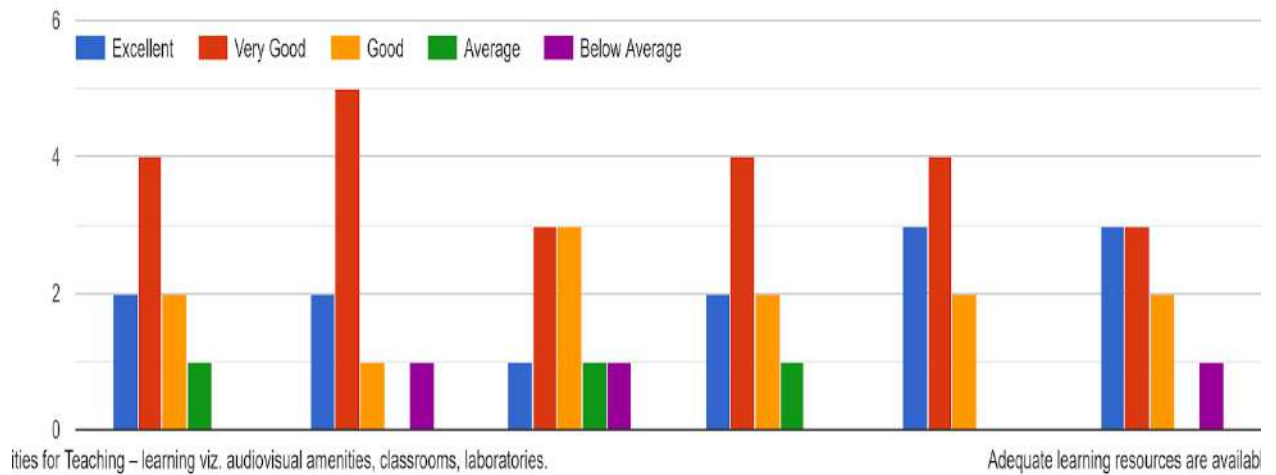


Research and Extension Activities

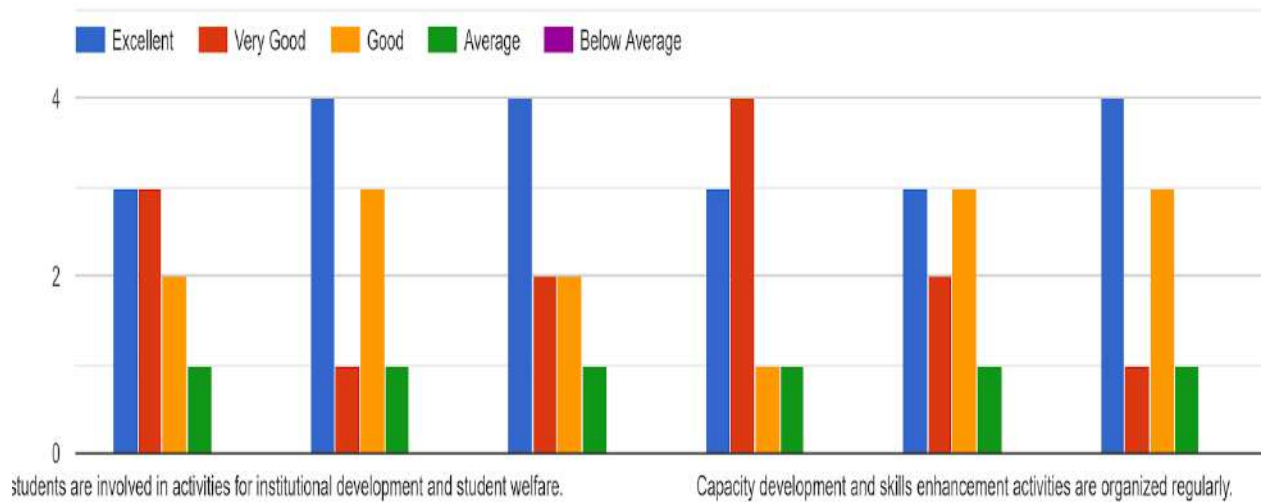


**CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
BSMLT EXIT SURVEY FEEDBACK ANALYSIS REPORT**

Infrastructure and Learning Resources

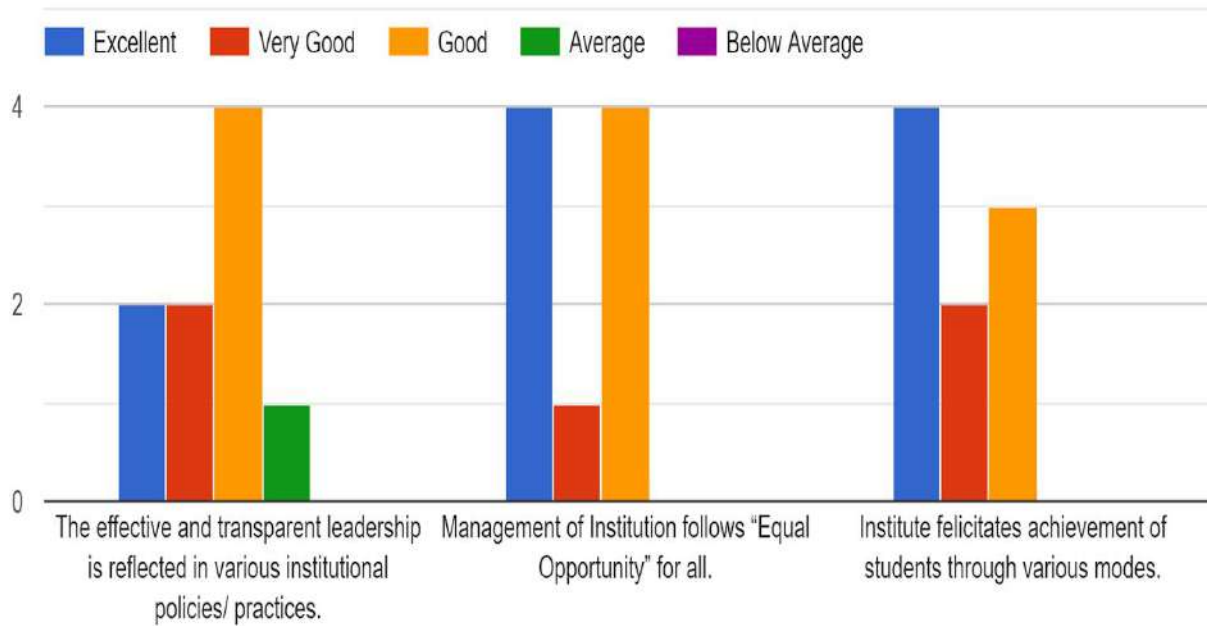


Student Support and Progression



CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
BSMLT EXIT SURVEY FEEDBACK ANALYSIS REPORT

Governance and Leadership



CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
BSMLT EXIT SURVEY FEEDBACK ANALYSIS REPORT

Part: B Quantitative Analysis

Statistical process to analyze data

Grade for a point indicator 'P' is calculated as follows, on the scale of 10.

$$G_P = [(5 * N_{P5} + 4 * N_{P4} + 3 * N_{P3} + 2 * N_{P2} + N_{P1}) / N] * 2$$

N = Number of students who have submitted response to the point indicator 'P'.

N_{P5} = Number of students who have given 5 marks to the point indicator 'P'.

N_{P4} = Number of students who have given 4 marks to the point indicator 'P'.

N_{P3} = Number of students who have given 3 marks to the point indicator 'P'.

N_{P2} = Number of students who have given 2 marks to the point indicator 'P'.

N_{P1} = Number of students who have given 1 mark to the point indicator 'P'.

Point No.	Criteria	Grade (G)
	Curricular Aspects	
1.	Curriculum developed and implemented has relevance to local, national, regional and global development needs .	7.11
2	Curriculum was broad enough to prepare you for career of choice.	7.11
3	Curriculum integrates crosscutting issues relevant to professional ethics, gender, human values, environment and sustainability.	7.11
4	The learning was supplemented by co-curricular activities such as coursework outside the curriculum, project work, internships, workshops, conference, symposia etc.	7.78
	Teaching-Learning and Evaluation	
5	Learning material provided by teachers facilitated you to improve learning.	
	(a) Audiovisual resources	
	(b) Reading material and other learning resources	7.33

CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
BSMLT EXIT SURVEY FEEDBACK ANALYSIS REPORT

6	Hands-on practice in laboratories and project work facilitated in overall development, inculcating skills and time management .	8
7	Academic activities facilitate you to improve experiential learning, participative learning and problem solving methodology .	7.33
8	Evaluation pattern (Unit Test, Assignment, and Presentation) made you capable of analyzing your strength & weakness, and empowered you to use resources effectively.	7.78
9	The overall experience would help you to engage in independent and life-long learning in the broadest context of technological change.	7.78
	Research and Extension Activities	
10	Institution has an eco-system to promote research and other initiatives for creation and transfer of knowledge.	7.78
11	Institution has adequate facility to carry out research.	8
12	Workshops/seminars on research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development are organized regularly.	7.33
13	Activities with social relevance (NCC/ NSS/ CHRF/ CHARUSAT Rural Education etc) are conducted regularly.	7.56
	Infrastructure and Learning Resources	
14	The institute has adequate facilities for	
	(a) Teaching – learning viz. audiovisual amenities, classrooms, laboratories.	7.56
	(b) Cultural activities, yoga, games (Indoor and outdoor), sports and gymnasium.	7.56
15	The institute has adequate LAN, WiFi and Internet Facility.	6.44
16	The institute has adequate and hygienic canteen and food facilities.	7.56
17	Campus Ambience (Greenery, Environment friendly eco system, usage of solar lights, saving of electivity, production of electricity, working space) is pleasant.	8.22

CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
BSMLT EXIT SURVEY FEEDBACK ANALYSIS REPORT

18	Adequate learning resources are available in library.	7.56
	Student Support and Progression	
19	Active student council exists and students are involved in activities for institutional development and student welfare.	7.78
20	Institution timely resolves the grievances including sexual harassment and ragging cases.	7.78
21	Counseling helped in assessing learning level of students, leading to customized attention to needy students.	8
22	Institution encourages and provides support to participate in national and international events.	8
23	Capacity development and skills enhancement activities are organized regularly.	7.56
24	Adequate support is provided by Career Development and Placement Cell (CDPC).	7.78
	Governance and Leadership	
25	The effective and transparent leadership is reflected in various institutional policies/ practices.	7.11
26	Management of Institution follows “Equal Opportunity” for all.	8
27	Institute felicitates achievement of students through various modes.	8.22

Sr. No.	Criterion	Corresponding Aspects	Grade point Formula	Grade point (10)
1	Curricular Aspects	G1-G4	$(G_1 + G_2 + G_3 + G_4)/4$	7.28
2	Teaching-Learning and Evaluation	G5-G10	$(G_5 + G_6 + G_7 + G_8 + G_9 + G_{10})/6$	7.59
3	Research and Extension Activities	G11-14	$(G_{11} + G_{12} + G_{13} + G_{14})/4$	7.67
4	Infrastructure and Learning Resources	G15-G20	$(G_{15} + G_{16} + G_{17} + G_{18} + G_{19} + G_{20})/6$	7.48
5	Student Support and Progression	G21-G26	$(G_{21} + G_{22} + G_{23} + G_{24} + G_{25} + G_{26})/6$	7.82
6	Governance and Leadership	G27-G29	$(G_{27} + G_{28} + G_{29})/3$	7.78

CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
BSMLT EXIT SURVEY FEEDBACK ANALYSIS REPORT

Rubrics Table:

Sr. No.	Criterion	Category (Grade point range)		
		0-3.5 (C)	3.6-7.0 (B)	7.1-10.0 (A)
1	Curricular Aspects	Curriculum is poorly designed. Process to design curriculum should be redefined.	Curriculum is not meeting the current trend. Gather relevant information from different stake holders and modify curriculum in line of requirement of employers.	Curriculum does not require major alterations. You may enhance the perception of stake holders through incorporating new approaches.
2	Teaching-Learning and Evaluation	Major corrections are to be suggested and implemented to enhance Teaching-Learning and Assessment Activity	You may critically review the feedback and find the functional issues. You may suggest specific modification in activities and implement those.	Minor changes in to teaching learning and evaluation should be implemented as per suggestion of stake holders. You may proceed for continuous improvement.
3	Research and Extension Activities	Acute response is needed to boost Research and Extension Activities. You may take this as priority task.	Review infrastructure, reliability of machines, ancillary facility and approach of research supervisors to students and their approach to research. Find the GAPS and run Plan –Do- Check – Act cycle.	Try to enhance the impact factor of manuscripts published, Total number of citation and h-index of institute should be improved year to year. Try to get funding from government agencies.
4	Infrastructure and Learning Resources	Find the non-functional resource or lack of infrastructure	Find the lacuna and focus on maintenance or purchase and try to enhance the quality of experience.	You may think /propose for advancement in facility.
5	Student Support and Progression	Check functioning of each and every student support activity. Get feedback from faculties involved there and find the problems appear in functioning.	Have a meeting with students and try to find out whether they receive the support from institute and try to know the expectation from students. A meeting with student councilors is recommended. Find the parameters which created the fall in grade and do necessary steps to enhance the support.	Try to enhance co-curricular and extracurricular participation. Students should win the events. Improve /Establish student chapter or Innovation council etc. Keep the track on Training and Placement and ensure the improvement.

CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
BSMLT EXIT SURVEY FEEDBACK ANALYSIS REPORT

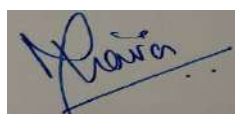
6	Governance and Leadership	Review implementation of process. Ensure that all the necessary information must be disseminate to stake holder. Meet the coordinators and encourage them to involve students in various activities.	Find specific area in which performance is average or less than average i.e 60% of respondents put that activity on mid level. Focus on those cells/activities and prepare strategy to enhance those.	A scope of innovation is there to enhance the function of various activities.
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Action Table:

Sr. No.	Criterion	Grade point (10)	Category (From Above Table)	Action Suggested (after SWAT Analysis)	Action taken (after Action)
1	Curricular Aspects	7.28	A	As per Annexure 1	
2	Teaching-Learning and Evaluation	7.59	A		
3	Research and Extension Activities	7.67	A		
4	Infrastructure and Learning Resources	7.48	A		
5	Student Support and Progression	7.82	A		
6	Governance and Leadership	7.78	A		

Part: C Written Feedback response from students

- It was a great experience for 4 years all the facilities provided was up to mark.
- Our 4yr experience was superb



Head, MLT Dept.,BDIPS

BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
BSMT STUDENTS CURRICULUM FEEDBACK ANALYSIS
AY 2021-22 EVEN SEM

Curriculum feedback quantitative analysis

Date:20/06/2022

Total Number of feedback received= 40

Point No.	Curriculum feedback criteria (Academic Peer)	Grade (G) (10)
1	Course structure	8.05
2	Depth of the course content	7.9
3	Learning value in terms of skills	8.55
4	Learning value in terms of domain knowledge	8.2
5	Learning value in terms of analytical abilities	8.4
6	Compatibility with industry standards	8.35
7	Compatibility with current global scenario of academics	8.15
8	Compatibility with the real-life situation	8.05
9	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	7.95
10	Sufficient reference material and books are available for the topics mentioned in the syllabus	7.95
11	Overall Rating	8.4

Statistical process to analyse data

Grade for a point indicator 'P' is calculated as follows, on the scale of 10.

$$GP = [5*N_{P5} + 4*N_{P4} + 3*N_{P3} + 2*N_{P2} + N_{P1}] / N * 2$$

N= Number of students who have submitted response to the point indicator 'P'

N_{P5}= Number of students who have given 5 marks to the point indicator 'P'

N_{P4}= Number of students who have given 4 marks to the point indicator 'P'

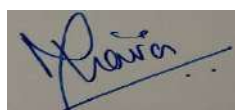
N_{P3}= Number of students who have given 3 marks to the point indicator 'P'

N_{P2}= Number of students who have given 2 marks to the point indicator 'P'

N_{P1}= Number of students who have given 1 marks to the point indicator 'P'

Suggestion for improvement: Nil

Improvement Action Plan: Nil



Head of MLT Dept.
BDIPS, CHRAUSAT

BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
MSMLT STUDENTS CURRICULUM FEEDBACK ANALYSIS
AY 2021-22 EVEN SEM

Curriculum feedback quantitative analysis

Date:20/06/2022

Total Number of feedback received= 14

Point No.	Curriculum feedback criteria (Academic Peer)	Grade (G) (10)
1	Course structure	9.00
2	Depth of the course content	9.29
3	Learning value in terms of skills	8.86
4	Learning value in terms of domain knowledge	9.00
5	Learning value in terms of analytical abilities	8.57
6	Compatibility with industry standards	7.00
7	Compatibility with current global scenario of academics	9.14
8	Compatibility with the real-life situation	9.00
9	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	9.14
10	Sufficient reference material and books are available for the topics mentioned in the syllabus	7.43
11	Overall Rating	8.43

Statistical process to analyse data

Grade for a point indicator ‘P’ is calculated as follows, on the scale of 10.

$$GP = [5*N_{P5} + 4*N_{P4} + 3*N_{P3} + 2*N_{P2} + N_{P1}] / N * 2$$

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N_{P3}= Number of students who have given 3 marks to the point indicator ‘P’

N_{P2}= Number of students who have given 2 marks to the point indicator ‘P’

N_{P1}= Number of students who have given 1 marks to the point indicator ‘P’

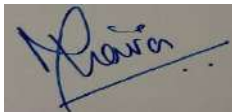
Suggestion for improvement:

- Improve lab facilities, classroom is not sufficient in number.
- Library facilities needs improvement.

BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
MSMLT STUDENTS CURRICULUM FEEDBACK ANALYSIS
AY 2021-22 EVEN SEM

Improvement Action Plan:

- Classroom are sufficient as per the number of programs. Its utility will be managed by proper planning and execution.
- Library is always enriched as per the student strength.



Head
MLT Dept., BDIPS

CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
EXIT SURVEY FEEDBACK ANALYSIS REPORT

Date:20/06/2022

Subject: Feedback Received from MSMLT Final Year students

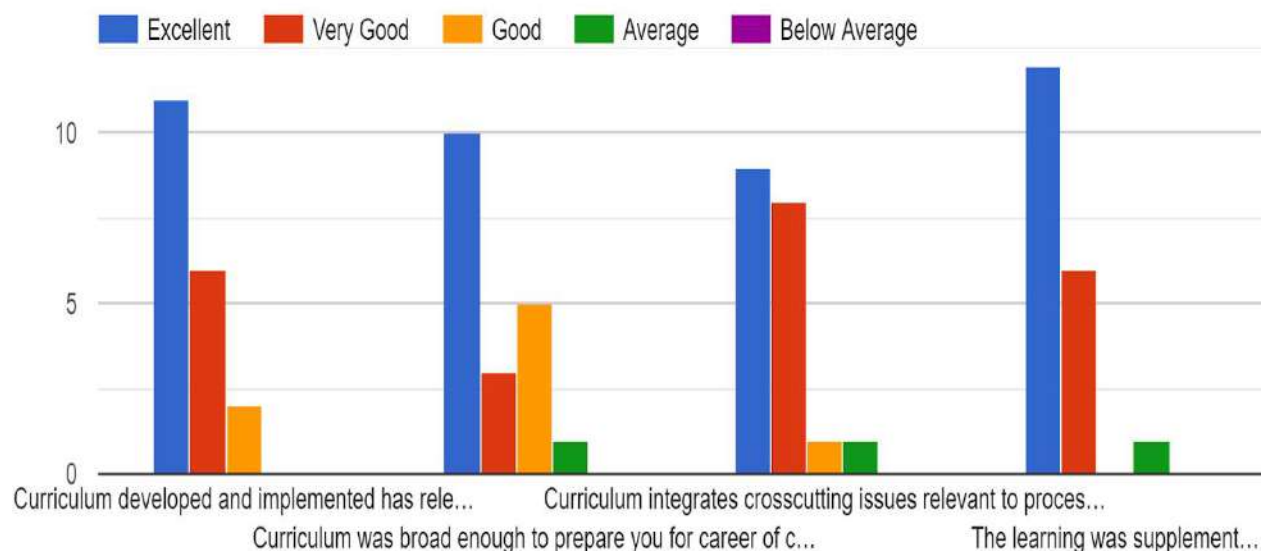
Reference Department: Medical Laboratory Technology, BDIPS

This document is divided into four parts.

1. Part A: Bar-chart Analysis of feedback.
2. Part-B: Quantitative Analysis of feedback.
3. Part C: Written Feedback Analysis of feedback.
4. Part D: Conclusion

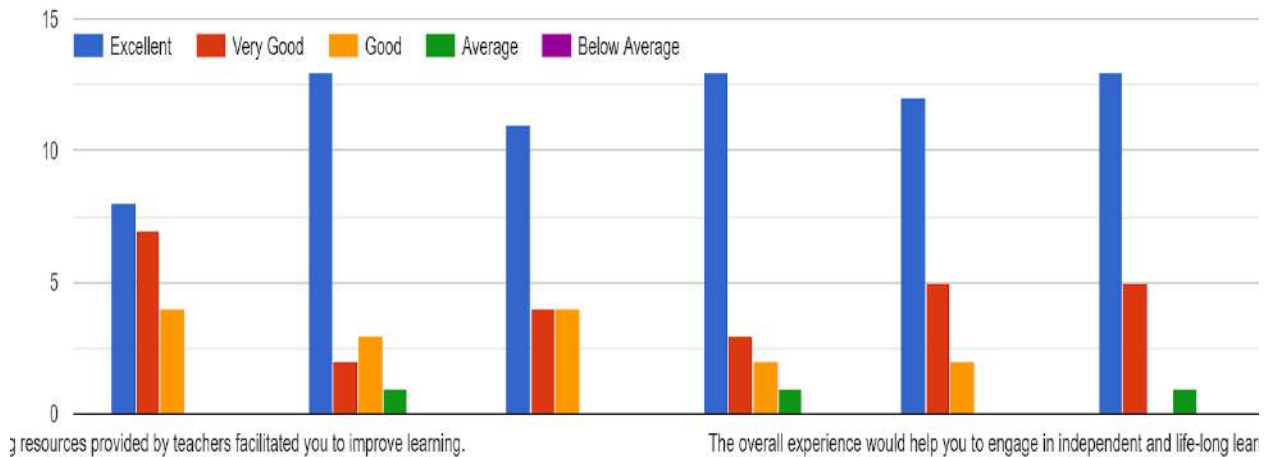
Part: A Bar-chart Analysis

Curricular Aspects

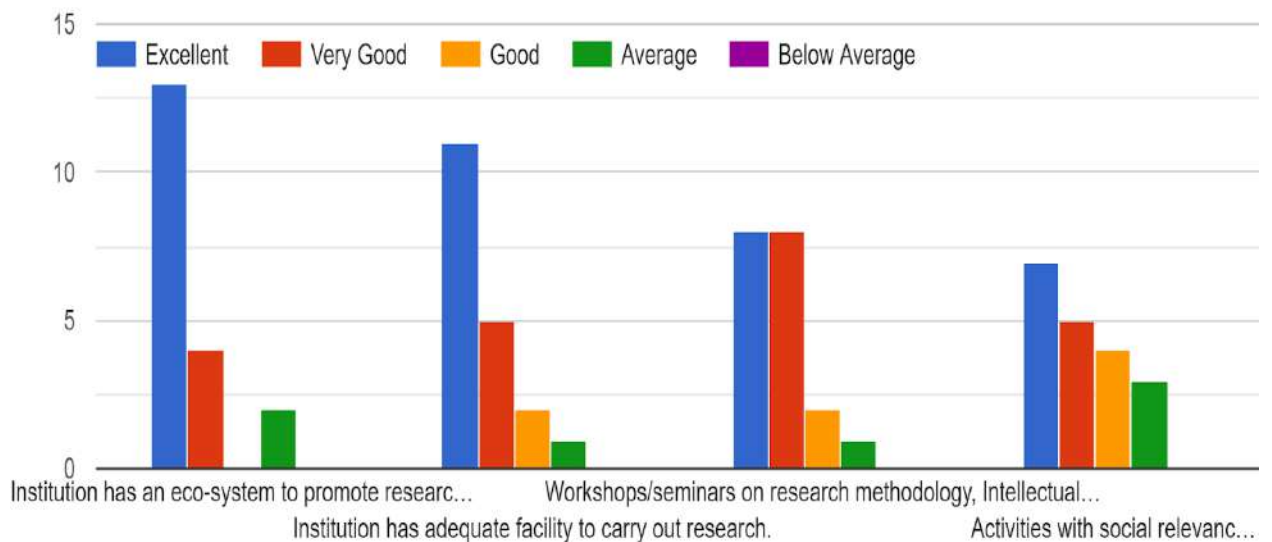


CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
EXIT SURVEY FEEDBACK ANALYSIS REPORT

Teaching-Learning and Evaluation

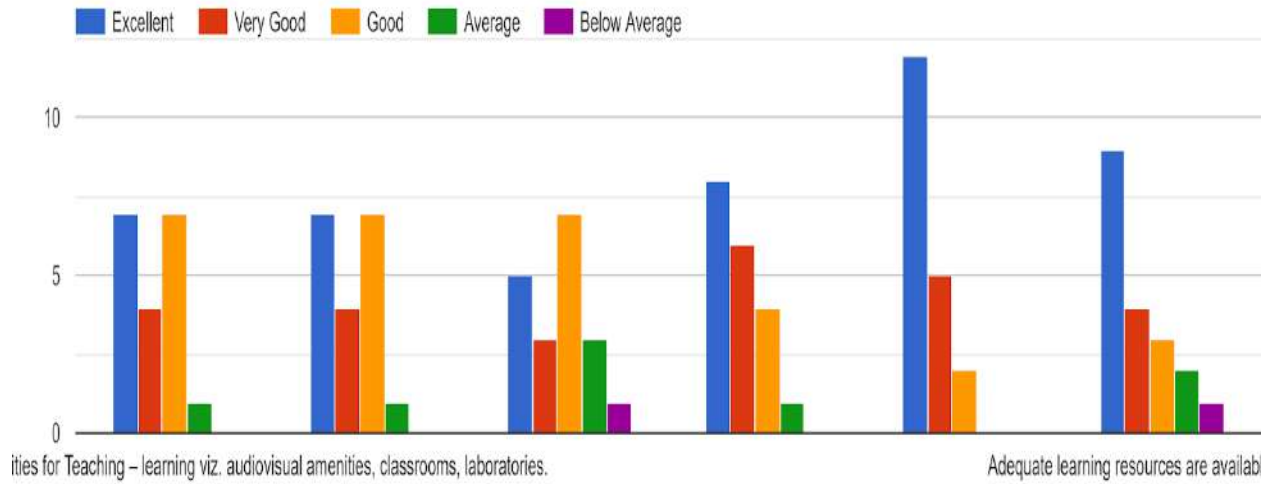


Research and Extension Activities

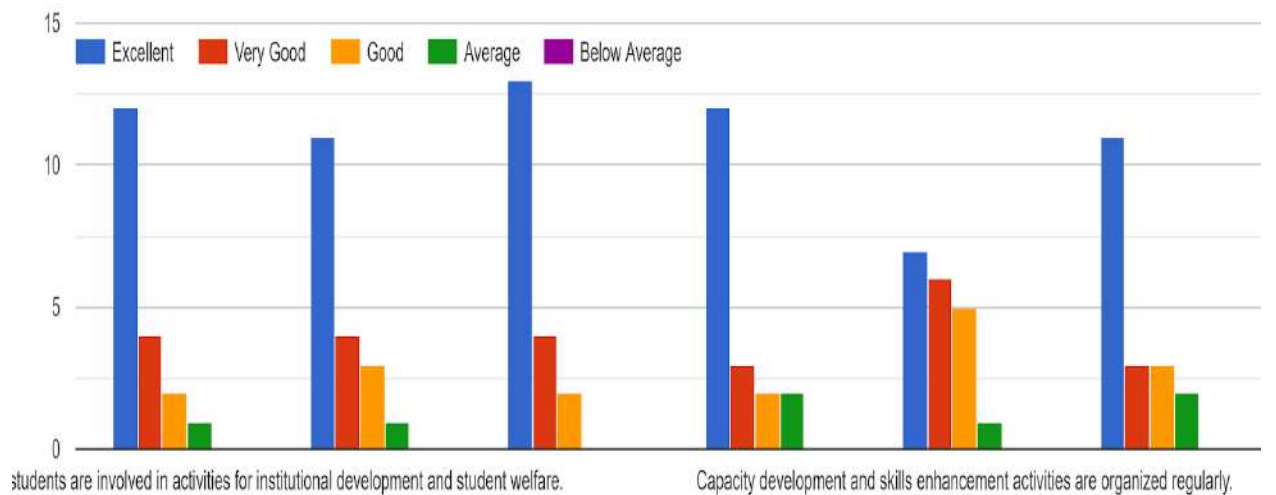


CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
EXIT SURVEY FEEDBACK ANALYSIS REPORT

Infrastructure and Learning Resources

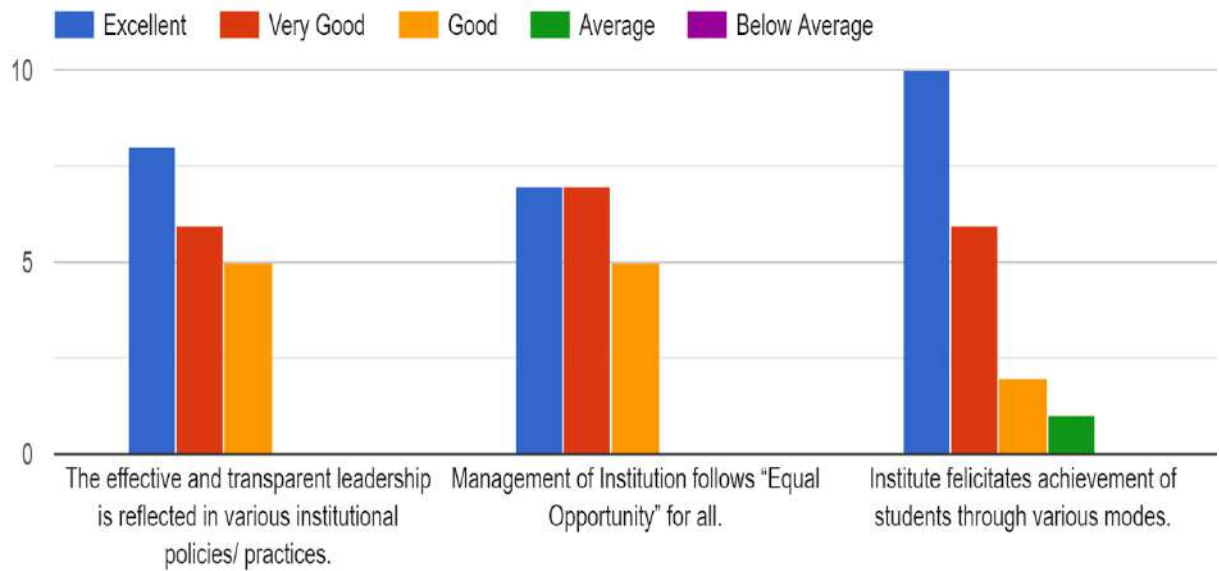


Student Support and Progression



CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
EXIT SURVEY FEEDBACK ANALYSIS REPORT

Governance and Leadership



CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
EXIT SURVEY FEEDBACK ANALYSIS REPORT

Part: B Quantitative Analysis

Statistical process to analyze data

Grade for a point indicator 'P' is calculated as follows, on the scale of 10.

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N_{p3} = Number of students who have given 3 marks to the point indicator 'P'.

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N_{p1} = Number of students who have given 1 mark to the point indicator 'P'.

Point No.	Criteria	Grade (G)
	Curricular Aspects	
1.	Curriculum developed and implemented has relevance to local, national, regional and global development needs .	8.95
2	Curriculum was broad enough to prepare you for career of choice.	8.32
3	Curriculum integrates crosscutting issues relevant to professional ethics, gender, human values, environment and sustainability.	8.63
4	The learning was supplemented by co-curricular activities such as coursework outside the curriculum, project work, internships, workshops, conference, symposia etc.	9.05
	Teaching-Learning and Evaluation	
5	Learning material provided by teachers facilitated you to improve learning.	
	(a) Audiovisual resources	8.42
	(b) Reading material and other learning resources	8.84

CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
EXIT SURVEY FEEDBACK ANALYSIS REPORT

6	Hands-on practice in laboratories and project work facilitated in overall development, inculcating skills and time management .	8.74
7	Academic activities facilitate you to improve experiential learning, participative learning and problem solving methodology .	8.95
8	Evaluation pattern (Unit Test, Assignment, and Presentation) made you capable of analyzing your strength & weakness, and empowered you to use resources effectively.	9.05
9	The overall experience would help you to engage in independent and life-long learning in the broadest context of technological change.	9.16
	Research and Extension Activities	
10	Institution has an eco-system to promote research and other initiatives for creation and transfer of knowledge.	8.95
11	Institution has adequate facility to carry out research.	8.74
12	Workshops/seminars on research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development are organized regularly.	8.42
13	Activities with social relevance (NCC/ NSS/ CHRF/ CHARUSAT Rural Education etc) are conducted regularly.	7.68
	Infrastructure and Learning Resources	
14	The institute has adequate facilities for	
	(a) Teaching – learning viz. audiovisual amenities, classrooms, laboratories.	7.79
	(b) Cultural activities, yoga, games (Indoor and outdoor), sports and gymnasium.	7.79
15	The institute has adequate LAN, WiFi and Internet Facility.	6.84
16	The institute has adequate and hygienic canteen and food facilities.	8.21
17	Campus Ambience (Greenery, Environment friendly eco system, usage of solar lights, saving of electivity, production of electricity, working space) is pleasant.	9.05

CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
EXIT SURVEY FEEDBACK ANALYSIS REPORT

18	Adequate learning resources are available in library.	7.89
	Student Support and Progression	
19	Active student council exists and students are involved in activities for institutional development and student welfare.	8.84
20	Institution timely resolves the grievances including sexual harassment and ragging cases.	8.63
21	Counseling helped in assessing learning level of students, leading to customized attention to needy students.	9.16
22	Institution encourages and provides support to participate in national and international events.	8.63
23	Capacity development and skills enhancement activities are organized regularly.	8.00
24	Adequate support is provided by Career Development and Placement Cell (CDPC).	8.42
	Governance and Leadership	
25	The effective and transparent leadership is reflected in various institutional policies/ practices.	8.32
26	Management of Institution follows “Equal Opportunity” for all.	8.21
27	Institute felicitates achievement of students through various modes.	8.63

Sr. No.	Criterion	Corresponding Aspects	Grade point Formula	Grade point (10)
1	Curricular Aspects	G1-G4	$(G_1 + G_2 + G_3 + G_4)/4$	8.74
2	Teaching-Learning and Evaluation	G5-G10	$(G_5 + G_6 + G_7 + G_8 + G_9 + G_{10})/6$	8.86
3	Research and Extension Activities	G11-14	$(G_{11} + G_{12} + G_{13} + G_{14})/4$	8.45
4	Infrastructure and Learning Resources	G15-G20	$(G_{15} + G_{16} + G_{17} + G_{18} + G_{19} + G_{20})/6$	7.93
5	Student Support and Progression	G21-G26	$(G_{21} + G_{22} + G_{23} + G_{24} + G_{25} + G_{26})/6$	8.61
6	Governance and Leadership	G27-G29	$(G_{27} + G_{28} + G_{29})/3$	8.39

CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
EXIT SURVEY FEEDBACK ANALYSIS REPORT

Rubrics Table:

Sr. No.	Criterion	Category (Grade point range)		
		0-3.5 (C)	3.6-7.0 (B)	7.1-10.0 (A)
1	Curricular Aspects	Curriculum is poorly designed. Process to design curriculum should be redefined.	Curriculum is not meeting the current trend. Gather relevant information from different stake holders and modify curriculum in line of requirement of employers.	Curriculum does not require major alterations. You may enhance the perception of stake holders through incorporating new approaches.
2	Teaching-Learning and Evaluation	Major corrections are to be suggested and implemented to enhance Teaching-Learning and Assessment Activity	You may critically review the feedback and find the functional issues. You may suggest specific modification in activities and implement those.	Minor changes in to teaching learning and evaluation should be implemented as per suggestion of stake holders. You may proceed for continuous improvement.
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CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
EXIT SURVEY FEEDBACK ANALYSIS REPORT

6	Governance and Leadership	Review implementation of process. Ensure that all the necessary information must be disseminate to stake holder. Meet the coordinators and encourage them to involve students in various activities.	Find specific area in which performance is average or less than average i.e 60% of respondents put that activity on mid level. Focus on those cells/activities and prepare strategy to enhance those.	A scope of innovation is there to enhance the function of various activities.
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Action Table:

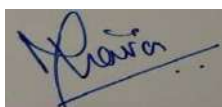
Sr. No.	Criterion	Grade point (10)	Category (From Above Table)	Action Suggested (after SWAT Analysis)	Action taken (after Action)
1	Curricular Aspects	8.74	A	As per Annexure 1	
2	Teaching-Learning and Evaluation	8.86	A		
3	Research and Extension Activities	8.45	A		
4	Infrastructure and Learning Resources	7.93	A		
5	Student Support and Progression	8.61	A		
6	Governance and Leadership	8.39	A		

Part: C Written Feedback response from students

- Improve lab facilities, classroom is not sufficient in number.
- Library facilities needs improvement.
- Separate research lab and separate practical lab

Improvement Action Plan:

- Classroom are sufficient as per the number of programs. Its utility will be managed by proper planning and execution.
- Library is always enriched as per the student strength.
- Domain specific expert labs will be planned for all UG, PG & PhD level students.



Head, MLT Dept.,BDIPS

**BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCE,
CHARUSAT
FEEDBACK ON CURRICULUM ANALYSIS REPORT (ACADEMIC PEER)
AY 2021-2022**

Curriculum feedback quantitative analysis

Total Number of feedback received=06

Point No.	Curriculum Feedback Criteria (Academic Peer)	Grade (G) (10)
1	Content of syllabus	8.5
2	Relevance of syllabus to industry/research requirements	7.5
3	Course outcomes are well defined	8.5
4	Sufficient reading materials and digital resources provided	9.0
5	Incorporation of advanced topics	8.5
6	Pedagogy proposed	9.0
7	Have a desired balance between theory and practical	7.5
8	Assessment methods are fair, measuring the outcomes	9.5
9	Project component in the course, if applicable	8.5
10	Industrial training/ practical exposure in the course, if applicable	8.0

Statistical process to analyse data

Grade for a point indicator 'P' is calculated as follows, on the scale of 10.

$$G_p = [(5 * N_5 + 4 * N_4 + 3 * N_3 + 2 * N_2 + N_1) / N] * 2$$

N = Number of students who have submitted response to the point indicator 'P'.

N₅ = Number of students who have given 5 marks to the point indicator 'P'.

N₄ = Number of students who have given 4 marks to the point indicator 'P'.

N₃ = Number of students who have given 3 marks to the point indicator 'P'.

N₂ = Number of students who have given 2 marks to the point indicator 'P'.

N₁ = Number of students who have given 1 mark to the point indicator 'P'.

Academic peer's suggestions to improve the syllabus:

Syllabus should have equal weightage between theory and practical and also meet the industry standards

Improvement Action Plan:

- Few theoretical topics from the core optometry subject will convert into the practical.
- Industry training and visit will be organized.



Optom. Jaydevsinh Pargara
Head of Dept. (Optometry)

**BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
AY 2021-2022**

FEEDBACK ON CURRICULUM ANALYSIS REPORT (ACADEMIC PEER)

Curriculum feedback quantitative analysis

Total Number of feedback received = 4

SN	Curriculum Feedback Criteria (Academic Peer)	Grade (G) (10)
1	Syllabus is suitable to the course.	10
2	Syllabus is need based.	10
3	Course objectives and outcomes are well defined and clear to the teachers and students.	8.5
4	Course content is followed by corresponding reference books/ materials	9
5	Course have a desired balance between theory and practical	9.5
6	The course syllabus increased the knowledge and perspective of students in the subject area.	9.5
7	The books prescribed/ listed as reference material are relevant, updated and appropriate.	9
8	Project component/Industrial training/practical exposure in the course, if applicable	9.5

Statistical process to analyze data

Grade for a point indicator 'P' is calculated as follows, on the scale of 10.

$$GP = [5*NP5 + 4*NP4 + 3*NP3 + 2*NP2 + NP1] / N * 2$$

N = Number of students who have submitted response to the point indicator 'P'

NP5 = Number of students who have given 5 marks to the point indicator 'P'

NP4 = Number of students who have given 4 marks to the point indicator 'P'

NP3 = Number of students who have given 3 marks to the point indicator 'P'

NP2 = Number of students who have given 2 marks to the point indicator 'P'

NP1 = Number of students who have given 1 marks to the point indicator 'P'

Suggestion for improvement: Regular updation of syllabus should be carried out.

Improvement Action Plan:

- Regular updation of syllabus according to industrial need.
- Course objectives will be revised as needed.



HOD
DMIT, BDIPS



PRINCIPAL
BDIPS, CHARUSAT UNIVERSITY



CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

**FEEDBACK ACTION TAKEN
REPORT OF
STAKEHOLDERS
(2021-22)**

Curriculum feedback analysis and action taken report

Sr. No.	Stakeholder	Feedback	Action Taken
1.	Employers	Satisfied with our students.	Clinical posting hours increased.
2.	Academic peers	Syllabus should have equal weightage between theory and practical and also meet the industry standards Regular updation of syllabus should be carried out.	Few theoretical topics from the core optometry subject converted into the practical. Industry visit organized. Regular updation of syllabus according to industrial need.
3	Alumni	Clinical posting should be increased. Practical orientation should be increased. Lab facilities needs to be developed. Subject specific experts should be given for specialist subjects.	MOUs established to increase the posting for undergraduates. Diagnostic based practical's are incorporated through BOS in the curriculum, Summer internship has been availed for the master students to join as an apprenticeship with specialized domains. Labs enriched with more sophisticated instruments. Faculties have been recruited with domains of specialities
4.	Recently Passed out students	Clinical posting hours should be increased Library facilities needs improvement.	Clinical posting hours increased. Library enriched with learning resources like text books, reference book and journals according to need of students.
5.	Present students	More practical exposure More reference books in the library Should be given sufficient and proper time to prepare for the subjects Improve lab facilities, classroom is not sufficient in number.	Outside posting and new equipment has been purchased to solve the problem. Reference book already ordered Look into the detail of time management by subject teacher. Regularly updating the syllabus as per the advancements in the domain.



(Signature)
Principal
BDIPS, CHARUSAT

Charotar University of Science and Technology
Bapubhai Desaibhai Patel Institute of Paramedical Sciences (BDIPS)
9th Board of Studies "Minutes of Meeting"
“Department of Medical Imaging Technology”

Meeting No.: BOS/MIT/09/2022

Date: 21/10/2022

Time: 10:00 AM

Place: Conference room, 3rd floor, BDIPS, CHARUSAT

The 9th meeting of the board of Medical Imaging Technology was held on 21st Oct, Friday 2022 at 10:00 AM in the conference room of Bapubhai Desaibhai Patel Institute of Paramedical Sciences (BDIPS), CHARUSAT University.

Members present:

SN	Member	Designation	Institution
1.	Dr. Darshan H Patel	Principal	BDIPS
2.	Dr. Shreedhar Dave	Radiologist	CHARUSAT Healthcare and Research Foundation (CHRF)
3.	Mrs. Dolly Sharma	Chairperson, Assistant Professor, and HOD	BDIPS
4.	Mr. Santosh Ojha	Assistant professor	BDIPS
5.	Ms. Shreeni Shah	Assistant professor	BDIPS
6.	Dr. Artee Tyagi	Assistant Professor & IQAC Coordinator	BDIPS

Members absent:

- Dr. Deepak Kumar V Mehta
- Mr. Manna Debnath

Agenda of the meeting

Item No. 9.1 To review minutes of the 8th BOS meeting held on 26th March 2022

Item No. 9.2 Curriculum review of BMIT and MSc. MIT

Item No. 9.3 Feedback on the curriculum (Student, Academic Peer, Employer & Exit survey)

Item No. 9.4 Discussion on Result analysis & Students progression

Item No. 9.5 Discussion on introducing Medical Image processing course of 2 credits in the 5th Semester.

Item No. 9.6 Discussion on Continuous Evaluation of students

Details of the discussion

The chairperson for the joint meeting welcomed all the members and invited them to the meeting. The meeting proceeded with the agenda.

Item No. 9.1 To review minutes of the 8th BOS meeting held on 26th March 2022

Suggestions & Resolutions: All the members approved the 8th BOS minutes.

Item No. 9.2 Curriculum review of BMIT and MSc. MIT

Suggestions & Resolutions:

The major changes as per the suggestion of the expert were made in the previous academic year. This time more focus was on the student's clinical exposure, students placed in Narayana Multispecialty Hospital, Ahmedabad, and Anand Surgical Hospital, Ahmedabad.

Item No. 9.3 Feedback on the curriculum (Students, Academic Peer, Employer & Exit survey)

Suggestions & Resolutions:

BSc. MIT (2nd, 4th, 6th) and MSc. MIT (2nd & 4th) students' feedback from even semesters (from 6 to 9.2 out of 10) had been taken and analyzed using an excel sheet and standard formulas.

Annexure 1

Item No. 9.4 Discussion on Result analysis & Students progression

Suggestions & Resolutions:

1. Results analysis of the students from BMIT and MSMIT was done in which all the students from BMIT have passed (98% approx.) & in MSMIT (100%).
2. In 2nd semester, 100% of students have passed, and approx. 50% (approx.) got first class and 50% (approx.) students got distinction.
3. In the 4th semester, almost 43% of students secure first class and around 14% of students secure distinction.
4. In the 6th semester, approx. 30% got first class and more than 22% of students got distinction.
5. In the 8th semester, approx. 71% got first class and more than 29% of students got distinction.
6. In the case of M.Sc. MIT 2nd semester, all the students have passed, and approx. 80% got first class and 20% of the student secured distinction.
7. Likewise, In M.Sc. MIT 4th semester, all the students have passed, and approx. 66% got first class and almost more than 34% of the student secured distinction.
6. After the analysis, corrective actions are planned accordingly for the same. All the results analysis is attached in the annexure. **Annexure 2**

Item No. 9.5 Discussion on introducing Medical Image processing course of 2 credits in the 5th Semester

Suggestions & Resolutions:

A new course in Medical Image processing with 2 credits will be introduced to B.Sc. MIT 5th Semester.

Item No. 9.6 Discussion on Continuous Evaluation of students**Annexure 3**

Suggestions & Resolutions:

For theory, the evaluation pattern needs to be changed. Instead of two internal exams and one remedial exam, there is need of continuous assessment.

Therefore, the new internal assessment pattern discussed with all Heads is as follows:

Parameters for Evaluation	Marks (Total marks 30)	Points to be noted
Unit test (minimum three)	15	All Unit test will be conducted by course coordinator. The progress of the students will be shared to the parents
Internal exam	10	Internal exam will be one month prior to external exam.
Attendance	5	275% presence= 5 marks 60-74% presence=4 marks 60% presence= 3 marks
Assignment (Optional)	-	Assignment and Seminar can be used for evaluation of those
Seminar (Optional)	-	



Mrs. Dolly Sharma
Head of MIT Dept.



Dr. Darshan H. Patel
Principal

**BMIT STUDENT FEEDBACK ANALYSIS REPORT
AY 2021-2022**

Annexure 1

2nd Semester

Curriculum feedback quantitative analysis

Total Number of feedback received = 7

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1	Course Structure	9.5
2	Depth of the course content	9.5
3	Learning value in terms of skills	9.5
4	Learning value in terms of domain knowledge	9.33
5	Learning value in terms of analytical abilities	9.16
6	Compatibility with industry standards	9.33
7	Compatibility with current global scenario of academics	9.5
8	Compatibility with the real-life situation	9.16
9	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	9.16
10	Sufficient reference material and books are available for the topics mentioned in the syllabus	9.5
11	Overall rating	9.8

**BMIT STUDENT FEEDBACK ANALYSIS REPORT
AY 2021-2022**

4th Semester

Curriculum feedback quantitative analysis

Total Number of feedback received = 6

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1	Course Structure	8
2	Depth of the course content	7.2
3	Learning value in terms of skills	6.8
4	Learning value in terms of domain knowledge	7.6
5	Learning value in terms of analytical abilities	8
6	Compatibility with industry standards	7.6
7	Compatibility with current global scenario of academics	8
8	Compatibility with the real-life situation	8.4
9	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	8
10	Sufficient reference material and books are available for the topics mentioned in the syllabus	6.8
11	Overall rating	8.4

6th Semester

Curriculum feedback quantitative analysis

Total Number of feedback received = 6

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1	Course Structure	9
2	Depth of the course content	8
3	Learning value in terms of skills	8.6
4	Learning value in terms of domain knowledge	8.6
5	Learning value in terms of analytical abilities	8.6
6	Compatibility with industry standards	8.3
7	Compatibility with current global scenario of academics	8.6
8	Compatibility with the real-life situation	8.3
9	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	7.6
10	Sufficient reference material and books are available for the topics mentioned in the syllabus	8.3
11	Overall rating	8.3

**MSMIT STUDENT FEEDBACK ANALYSIS REPORT
AY 2021-2022**

2nd Semester

Curriculum feedback quantitative analysis

Total Number of feedback received = 6

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1	Course Structure	8.4
2	Depth of the course content	8.4
3	Learning value in terms of skills	8.4
4	Learning value in terms of domain knowledge	8.8
5	Learning value in terms of analytical abilities	8
6	Compatibility with industry standards	8.4
7	Compatibility with current global scenario of academics	8.8
8	Compatibility with the real-life situation	8.4
9	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	9.2
10	Sufficient reference material and books are available for the topics mentioned in the syllabus	8
11	Overall rating	8.8

**MSMIT STUDENT FEEDBACK ANALYSIS REPORT
AY 2021-2022**

4th Semester

Curriculum feedback quantitative analysis

Total Number of feedback received = 6

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1	Course Structure	7
2	Depth of the course content	7
3	Learning value in terms of skills	8
4	Learning value in terms of domain knowledge	7.33
5	Learning value in terms of analytical abilities	6
6	Compatibility with industry standards	6.33
7	Compatibility with current global scenario of academics	7
8	Compatibility with the real-life situation	7
9	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	6.66
10	Sufficient reference material and books are available for the topics mentioned in the syllabus	7
11	Overall rating	7.66

FEEDBACK ON CURRICULUM ANALYSIS REPORT (ACADEMIC PEER)

AY 2021-2022

Curriculum feedback quantitative analysis

Total Number of feedback received = 4

Point No.	Curriculum Feedback Criteria (Academic Peer)	Grade (G) (10)
1	Syllabus is suitable to the course.	10
2	Syllabus is need based.	10
3	Course objectives and outcomes are well defined and clear to the teachers and students.	8.5
4	Course content is followed by corresponding reference books/ materials	9
5	Course have a desired balance between theory and practical	9.5
6	The course syllabus increased the knowledge and perspective of students in the subject area.	9.5
7	The books prescribed/ listed as reference material are relevant, updated and appropriate.	9
8	Project component/ Industrial training/ practical exposure in the course, if applicable	9.5

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
DEPARTMENT OF MEDICAL IMAGING TECHNOLOGY
EMPLOYER FEEDBACK ON CURRICULUM ANALYSIS REPORT
AY 2021-2022

Curriculum feedback quantitative analysis

Total Number of feedback received = 4

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1	Technical knowledge and the skills of the students are up to date.	8.5
2	Curriculum provides adequate knowledge and training to the students.	8
3	Curriculum has rich contents, which ensures problem solving, leadership & managerial skills.	8
4	Students maintain good interpersonal relations with their colleagues and seniors.	7.33
5	Students volunteer themselves for new initiations of organization.	7.8
6	Students mold themselves as per need of organization.	9
7	Curriculum facilitated students to attain the desired competency level.	8
8	Curriculum enriched the moral values among students.	8.3
9	Curriculum transaction sensitized them about teamwork.	8.7
10	Communication skills of students are good.	8

EXIT SURVEY ANALYSIS REPORT AY 2021-2022

BMIT (2018-2022)

Exit Survey feedback quantitative analysis

Total Number of feedback received= 13

Sr No.	Exit Survey Feedback (Pass out Batch 2018-2022)	Grade (G) (10)
1	Curricular Aspects [Curriculum developed and implemented has relevance to local, national, regional and global development needs.]	8
2	Curricular Aspects [Curriculum was broad enough to prepare you for career of choice.]	7.84
3	Curricular Aspects [Curriculum integrates crosscutting issues relevant to professional ethics, gender, human values, environment and sustainability.]	8.46
4	Curricular Aspects [The learning was supplemented by co-curricular activities such as coursework outside the curriculum, project work, internships, workshops, conference, symposia etc.]	8.30
5	[Audiovisual learning resources provided by teachers facilitated you to improve learning.]	7.69
6	[Reading material and other learning resources provided by teachers facilitated you to improve learning.]	8
7	[Hands-on practice in laboratories and project work facilitated in overall development, inculcating skills and time management.]	7.53
8	[Academic activities facilitate you to improve experiential learning, participative learning and problem solving methodology.]	8.15
9	[Evaluation pattern (Unit Test, Assignment, and Presentation) made you capable of analyzing your strength & weakness, and empowered you to use resources effectively.]	8.30
10	[The overall experience would help you to engage in independent and life-long learning in the broadest context of technological change.]	8
11	Research and Extension Activities [Institution has an eco-system to promote research and other initiatives for creation and transfer of knowledge.]	8
12	Research and Extension Activities [Institution has adequate facility to carry out research.]	7.07
13	Research and Extension Activities [Workshops/seminars on research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development are organized regularly.]	8
14	Research and Extension Activities [Activities with social relevance (NCC/ NSS/ CHRF/ CHARUSAT Rural Education etc.) are conducted regularly.]	7.84

15	Infrastructure and Learning Resources [The institute has adequate facilities for Teaching – learning viz. audiovisual amenities, classrooms, laboratories.]	7.53
16	Infrastructure and Learning Resources [The institute has adequate facilities for Cultural activities, yoga, games (Indoor and outdoor), sports and gymnasium]	7.69
17	Infrastructure and Learning Resources [The institute has adequate LAN, Wi-Fi and Internet Facility]	6.61
18	Infrastructure and Learning Resources [The institute has adequate and hygienic canteen and food facilities.]	7.84
19	Infrastructure and Learning Resources [Campus Ambience (Greenery, Environment friendly eco system, usage of solar lights, saving of electivity, production of electricity, working space) is pleasant.]	8.15
20	Infrastructure and Learning Resources [Adequate learning resources are available in library.]	6.76
21	Student Support and Progression [Active student council exists and students are involved in activities for institutional development and student welfare.]	7.69
22	Student Support and Progression [Institution timely resolves the grievances including sexual harassment and ragging cases.]	8.15
23	Student Support and Progression [Counseling helped in assessing learning level of students, leading to customized attention to needy students.]	6.76
24	Student Support and Progression [Institution encourages and provides support to participate in national and international events.]	7.69
25	Student Support and Progression [Capacity development and skills enhancement activities are organized regularly.]	6.92
26	Student Support and Progression [Adequate support is provided by Career Development and Placement Cell (CDPC).]	6.76
27	Governance and Leadership [The effective and transparent leadership is reflected in various institutional policies/ practices.]	7.38
28	Governance and Leadership [Management of Institution follows “Equal Opportunity” for all.]	7.23
29	Governance and Leadership [Institute felicitates achievement of students through various modes.]	7.23

EXIT SURVEY ANALYSIS REPORT AY 2021-2022

MSMIT (2020 - 2022)

Exit Survey feedback quantitative analysis

Total Number of feedback received = 4

Sr No.	Exit Survey Feedback (Pass out Batch 2020-2022)	Grade (G) (10)
1	Curricular Aspects [Curriculum developed and implemented has relevance to local, national, regional and global development needs.]	9
2	Curricular Aspects [Curriculum was broad enough to prepare you for career of choice.]	9.5
3	Curricular Aspects [Curriculum integrates crosscutting issues relevant to professional ethics, gender, human values, environment and sustainability.]	9.5
4	Curricular Aspects [The learning was supplemented by co-curricular activities such as coursework outside the curriculum, project work, internships, workshops, conference, symposia etc.]	8.5
5	[Audiovisual learning resources provided by teachers facilitated you to improve learning.]	8.5
6	[Reading material and other learning resources provided by teachers facilitated you to improve learning.]	9
7	[Hands-on practice in laboratories and project work facilitated in overall development, inculcating skills and time management.]	9
8	[Academic activities facilitate you to improve experiential learning, participative learning and problem solving methodology.]	8.5
9	[Evaluation pattern (Unit Test, Assignment, and Presentation) made you capable of analyzing your strength & weakness, and empowered you to use resources effectively.]	9
10	[The overall experience would help you to engage in independent and life-long learning in the broadest context of technological change.]	9
11	Research and Extension Activities [Institution has an eco-system to promote research and other initiatives for creation and transfer of knowledge.]	7.5
12	Research and Extension Activities [Institution has adequate facility to carry out research.]	7.5
13	Research and Extension Activities [Workshops/seminars on research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development are organized regularly.]	8.5
14	Research and Extension Activities [Activities with social relevance (NCC/ NSS/ CHRF/ CHARUSAT Rural Education etc.) are conducted regularly.]	7

15	Infrastructure and Learning Resources [The institute has adequate facilities for Teaching – learning viz. audiovisual amenities, classrooms, laboratories.]	7.5
16	Infrastructure and Learning Resources [The institute has adequate facilities for Cultural activities, yoga, games (Indoor and outdoor), sports and gymnasium]	7
17	Infrastructure and Learning Resources [The institute has adequate LAN, Wi-Fi and Internet Facility]	7
18	Infrastructure and Learning Resources [The institute has adequate and hygienic canteen and food facilities.]	6.5
19	Infrastructure and Learning Resources [Campus Ambience (Greenery, Environment friendly eco system, usage of solar lights, saving of electivity, production of electricity, working space) is pleasant.]	9
20	Infrastructure and Learning Resources [Adequate learning resources are available in library.]	8.5
21	Student Support and Progression [Active student council exists and students are involved in activities for institutional development and student welfare.]	8
22	Student Support and Progression [Institution timely resolves the grievances including sexual harassment and ragging cases.]	9
23	Student Support and Progression [Counseling helped in assessing learning level of students, leading to customized attention to needy students.]	8.5
24	Student Support and Progression [Institution encourages and provides support to participate in national and international events.]	8.5
25	Student Support and Progression [Capacity development and skills enhancement activities are organized regularly.]	8.5
26	Student Support and Progression [Adequate support is provided by Career Development and Placement Cell (CDPC).]	9
27	Governance and Leadership [The effective and transparent leadership is reflected in various institutional policies/ practices.]	8.5
28	Governance and Leadership [Management of Institution follows “Equal Opportunity” for all.]	8.5
29	Governance and Leadership [Institute felicitates achievement of students through various modes.]	8

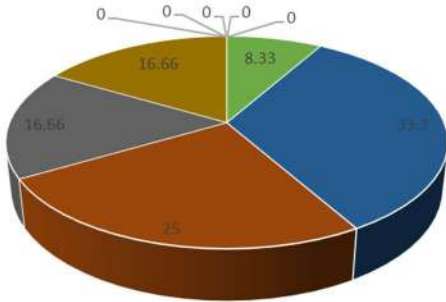
Results Analysis (BMIT- 2nd, 4th, 6th & 8th Semester)

Academic Year – 2021-2022 [Even Semester]

Year – 2021-2022_Even Semester						
	BMIT	%	BMIT	%	BMIT	%
Semester	2		4		6	
Students	12		14		23	
0.0 – 1.0	00	00	00	00	00	00
1.0 – 2.0	00	00	00	00	00	00
2.0 – 3.0	00	00	01	7.14	00	00
3.0 – 4.0	00	00	00	00	00	00
4.0 – 5.0	00	00	03	21.42	02	8.69
5.0 – 6.0	01	8.33	01	7.14	04	17.39
6.0 – 7.0	04	33.3	03	21.42	05	21.73
7.0 – 8.0	03	25	02	14.28	05	21.73
8.0 – 9.0	02	16.66	04	28.57	04	17.39
9.0 – 10	02	16.66	00	00	03	13.04

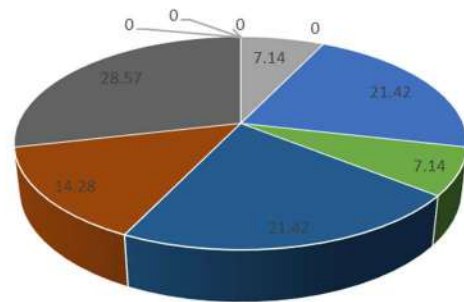
Year – 2020-2021		
	BMIT	%
Semester	8	
Students	21	
0.0 – 1.0	00	00
1.0 – 2.0	00	00
2.0 – 3.0	00	00
3.0 – 4.0	00	00
4.0 – 5.0	00	00
5.0 – 6.0	00	00
6.0 – 7.0	07	33.33
7.0 – 8.0	05	23.80
8.0 – 9.0	06	28.57
9.0 – 10	03	14.28

2nd Semester
Total Students=12



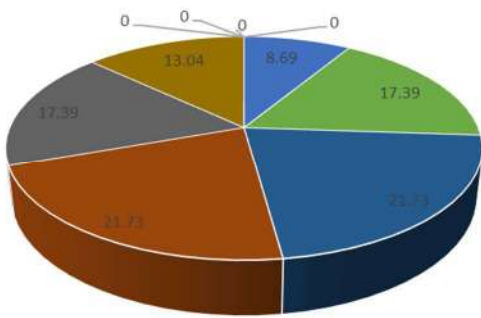
■ 1 ■ 2 ■ 3 ■ 4 ■ 5 ■ 6 ■ 7 ■ 8 ■ 9 ■ 10

4th Semester
Total Students=14



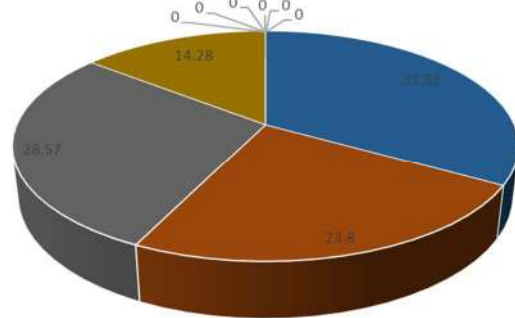
■ 1 ■ 2 ■ 3 ■ 4 ■ 5 ■ 6 ■ 7 ■ 8 ■ 9 ■ 10

6th Semester
Total Students=23



■ 1 ■ 2 ■ 3 ■ 4 ■ 5 ■ 6 ■ 7 ■ 8 ■ 9 ■ 10

8th Semester
Total Students=21

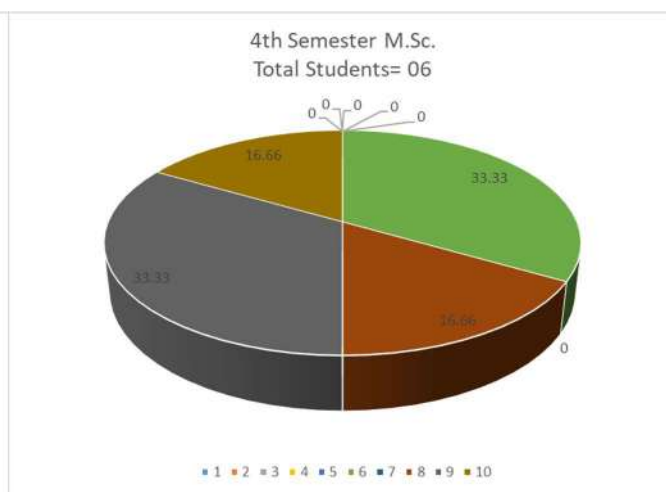
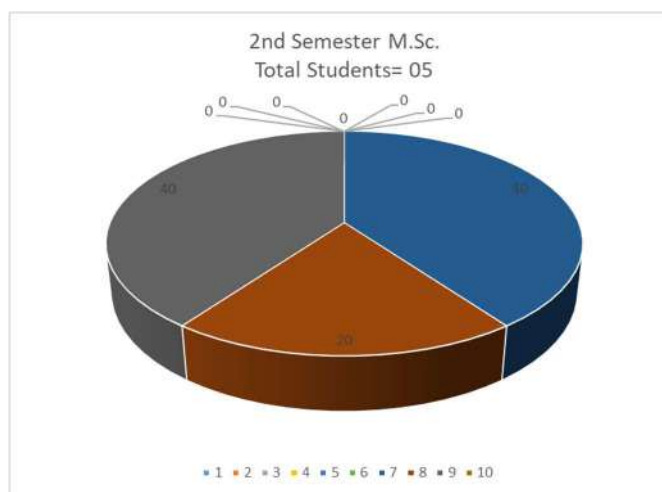


■ 1 ■ 2 ■ 3 ■ 4 ■ 5 ■ 6 ■ 7 ■ 8 ■ 9 ■ 10

Results Analysis (M.Sc. MIT- 2nd & 4th Semester)

Academic Year – 2021-2022 [Even Semester]

Year – 2021-2022 Even Semester				
M.Sc. MIT				
Semester	2	%	4	%
Students	05		06	
0.0 – 1.0	00	00	00	00
1.0 – 2.0	00	00	00	00
2.0 – 3.0	00	00	00	00
3.0 – 4.0	00	00	00	00
4.0 – 5.0	00	00	00	00
5.0 – 6.0	00	00	02	33.33
6.0 – 7.0	02	40	00	00
7.0 – 8.0	01	20	01	16.66
8.0 – 9.0	02	40	02	33.33
9.0 – 10	00	00	01	16.66



IQAC Minutes of Meeting

Annexure 3

Date: 09/07/2022

Time: 2:00pm – 3:30pm

Venue: IQAC CELL, BDIPS

Opening: Dr. Artee Tyagi (IQAC coordinator)

Attendees:

Name	Designation	Department
Dr. Artee Tyagi	IQAC Coordinator, Assistant Professor	MLT
Dr. Dhara N Patel	HOD, Assistant Professor	MLT
Optom. Jaydevsinh Pargara	HOD, Assistant Professor	Optometry
Mrs. Dolly Sharma	HOD, Assistant Professor	MIT
Mr. Manna Debnath	IQAC member	MIT
Mr. Akhlaque Ahmad	HOD, Assistant Professor	OTAT

Agenda: Discussion on continuous internal evaluation of students

Outline 1: Continuous internal evaluation for theory

Discussion:

- There must be one uniform pattern for continuous internal evaluation of students

Suggestions and Resolution:

- For theory, the evaluation pattern needs to be changed. Instead of two internal exams and one remedial exam, there is need of continuous assessment.
- Therefore, the new internal assessment pattern discussed with all Heads is as follows:

Parameters for evaluation	Marks (Total 30 marks)	Points to be noted
Unit test (minimum three)	15	All Unit test will be conducted by course coordinator. The progress of the students will be shared to the parents especially targeting slow learners.
Internal exam	10	Internal exam will be one month prior to external exam. Internal exam will be scheduled after course completion review.
Attendance	5	≥75% presence= 5 marks 60-74% presence=4 marks <60% presence= 3 marks
Assignment (Optional)	-	Assignment and Seminar can be used for evaluation of those students who didn't passed in unit test and internal exams.
Seminar (Optional)	-	



BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCE 
IQAC Minutes of Meeting

Outline 2: Continuous internal evaluation for laboratory and practical's

Discussion:

- Define the evaluation parameters in practical subject department wise and the same must be followed for assessment of students.

Suggestions and Resolution:

- All Head will submit their evaluation parameters for practical examination system after discussing with their faculty and it will be submitted to IQAC cell and the same will be shared to the students.

The discussed points were reviewed and approved by Principal Sir.

Thanking You.

Regards,



Dr. Artee Tyagi
IQAC coordinator
BDIPS, CHARUSAT



Dr. Darshan Patel
Principal
BDIPS, CHARUSAT

Attendance



Mrs. Dolly Sharma

Assistant Professor & HOD

BDIPS, CHARUSAT University



Dr. Darshan H Patel

Principal

BDIPS, CHARUSAT University



Dr. Shridhar Dave

Radiologist

CHRF



Mr. Santosh Ojha

Assistant Professor

BDIPS, CHARUSAT University



Ms. Shreeni Shah

Assistant Professor

BDIPS, CHARUSAT University



Dr. Artee Tyagi

Assistant Professor & IQAC

Coordinator

BDIPS, CHARUSAT University

Charotar University of Science and Technology
B. D. Patel Institute of Paramedical Sciences
Board of Studies "Minutes of Meeting"

“Department of Medical Laboratory Technology”

Meeting No.: BOS/DMLT/07/2022

Date: 15/10/2022

Time: 10:30 AM onwards

Place: Principal office BDPIPS

The 7th Board of Studies meeting for the Department of Medical Laboratory Technology of B, D. Patel Institute of Paramedical Sciences, CHARUSAT was held on Saturday 15th October 2022 at 10.30 am onwards at Principal office.

Members present:

Sr. No.	Members	Designation	Institution	Sign
1.	Dr. Dhara N. Patel	Chairman	BDIPS	Present
2.	Dr. Darshan H. Patel	Principal, Member	BDIPS	Present
3.	Prof. Dr. Suman Singh Professor, Department of Microbiology	Academic Expert	Pramukh Swami Medical College, Karamsad	Present
4.	Dr. Arun Singh General Manager, ZRC	Industrial Expert	Zydus Research Center, Ahmedabad	Present
5.	Dr. Artee Tyagi	Member	BDIPS	Present
6.	Dr. Nilesh Pandey	Member	BDIPS	Present
7.	Mr. Debayan Baidya	Member	BDIPS	Present
8.	Mrs. Amita Patel	Member	BDIPS	Present
9.	Dr. Hemant Kumar	Member	BDIPS	Present
10.	Dr. Ruma Sarkar	Member	BDIPS	Present
11.	Dr. Parth Thakor	Member	BDIPS	Present

Dr. Seema Sharma, Senior General Manager, Cadila Pharmaceuticals Pvt. Ltd., Ahmedabad an external expert joined us via online platform, zoom.

Dr. Rakesh Bhatnagar, Vice Chancellor, Amity University, was unable to attend.

Agenda of the meeting

Item No. 7.1 Reviewing and approval of the previous minutes of meeting held on 1/04/2022.

Item No. 7.2 Syllabi for Academic Year 2022-23

- **Item No. 7.2.1** Revision of courses (elaboration / course codes) and introduction of new courses (course names/codes). Along with practical list.
- **Item No. 7.2.2** Revision of PhD courses conducted during course work and its pedagogy.
- **Item No. 7.2.3** Review of the feedback from all stakeholders on Curriculum and inclusion in curricula.

Item No. 7.3 Question Paper & Result analysis of the Academic Year 2021-2022.

Item No. 7.4 Mapping of OBE parameters like course outcomes/programme outcomes as applicable.

Item No. 7.5 To prepare panel of Examiners for winter Exams 2022-23.

Item No. 7.6 To discuss pedagogy and to suggest improvements therein and any other item with the permission of the Chair

Details of the discussion

The chairperson of BOS welcomed all the members and invitees to the meeting. A formal introduction was given of the invited guests agendas were explained to the external and internal members. The meeting proceeded with the agenda.

Item No. 7.1 Reviewing and approval of the previous minutes of meeting held on 1/04/2022.

Resolution: The minutes of meeting were reviewed and the changes given by the experts in the previous BOS meeting were scrutinized and the 6th minutes of meetings were approved.

Item No. 7.2 Syllabi for Academic Year 2022-23.

Resolution: A thorough discussion was held amongst the experts and the faculties. The overall syllabus was discussed and the experts suggested the syllabus are well defined with the CO's and PO's so no changes were suggested.

- **Item No. 7.2.1** Revision of courses (elaboration / course codes) and introduction of new courses (course names/codes). Along with practical list.

Resolution: No major changes were there and the meeting proceeded with further item.

- **Item No. 7.2.2** Revision of PhD courses conducted during course work and its pedagogy.

Resolution: The revised detailed syllabus was discussed and the expert approved the pedagogy of the PhD coursework.

- **Item No. 7.2.3** Review of the feedback from all stakeholders on Curriculum and inclusion in curricula.

Resolution: The experts appreciated the analysis and the outcome and suggested that the format of the questionnaire can be modified more open ended so that more honest responses can be expected from the students as well as stakeholders. The experts emphasized on the feedback from the recruiters. Which will help us to groom the candidate as per the requirement of the recruiters. The experts emphasized on the same suggestion as in previous BOS.

Experts also appreciated MLT syllabus which was assessed for credit points by World Education Service (WES) by our passed out student and reflected remarkable grade points for our curriculum.

Item No. 7.3 Question Paper & Result analysis of Odd semester in the Academic Year 2021-2022.

Resolution: The experts appreciated the analysis and the outcome.

Item No. 7.4 Mapping of OBE parameters like course outcomes/programme outcomes as applicable.

Resolution: The experts appreciated the analysis and the outcome. The mapping was explained and they appreciated that it is conducted every semester.

Item No. 7.5 To prepare panel of Examiners for winter Exams 2022-23.

Resolution: The panel for the upcoming examination was discussed and approved by the expert.

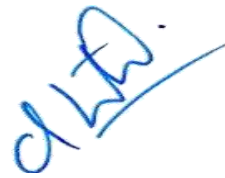
Item No. 7.6 To discuss pedagogy and to suggest improvements therein and any other item with the permission of the Chair

Resolution: The pedagogy was discussed with a suggestion that the practical sessions should be more robust and case studies can be customized more to improve the outcome of the practical sessions.

No further suggestions were discussed and hence the meeting was ended with thanks.



Dr. Dhara N. Patel
HoD, MLT Dept.
BDIPS, CHARUSAT



Dr. Darshan Patel
Principal
BDIPS, CHARUSAT

Charotar University of Science and Technology
Bapubhai Desaiibhai Patel Institute of Paramedical Sciences
8th Board of Studies "Minutes of Meeting"

“Department of Operation Theatre and Anesthesia Technology”

Date: 17/10/2022

Time: 09:00 AM

Place: Conference room, 3rd floor, BDIPS.

The 8th meeting of the board of the Department of Operation Theatre and Anesthesia Technology was held on Friday 17th October 2022 at 09.00 AM at BDIPS.

Members present:

Sr. No.	Member	Designation	Institution
1.	Dr Darshan H. Patel	Professor & Principal	BDIPS
2.	Mr Karan Morje	Chair Person, Assistant Professor & Head	OTAT, BDIPS
3.	Dr Harshil Chavda	Anesthesiologist	CHRF
4.	Dr Harshita Khilani	Anesthesiologist	CHRF
4.	Ms Foram Shelat	Assistant Professor	OTAT, BDIPS
5.	Dr Artee Tyagi	Assistant Professor & IQAC Coordinator	BDIPS
6.	Mr Harshad Khade	Assistant Professor	OTAT, BDIPS

Agenda of the meeting

Item No. 8.1 To review the minutes of the 7th BOS meeting held on 15th March 2022

Item No. 8.2 Curriculum review of BOTAT

Item No. 8.3 Stakeholder’s feedback on Curriculum

Item No. 8.4 Discussion on Result analysis & Students progression

Item No. 8.5 Review of 1st Community Outreach program

Item No. 8.6 Discussion on Continuous Internal evaluation

Details of the discussion

The chairperson for the joint meeting welcomed all the members and invites them to the meeting. The meeting proceeded with the agenda.

Item No. 8.1 To review the minutes of the 7th BOS meeting held on 15th March 2022

Suggestions & Resolutions:

1. All BOS members approved the seventh BOS minutes.

Item No. 8.2 Curriculum review & feedback of BOTAT

Suggestions & Resolutions:

1. Dr. Harshil Chavda had suggested to upgrade the OTAT skill lab by adding BLS, Adult ACLS/ CPR manikin set for comprehensive intubation and emergency skill training.
2. BOS member has suggested to increase the number of practical hours in the curriculum and to build up more number of MoU's and linkages. As discussed in the last BOS meeting, changes to the examination scheme was done for BOTAT101 Introduction to Health Care Delivery System and Medical Terminology and BOTAT104 Basic Biochemistry with course code changes.

(Syllabus details Annexure 1)
3. As per the suggestion from BOS member, Fundamental of Physics was removed from the curriculum as it was offered by the University as a Foundation course.

(Syllabus details Annexure 2)
4. The corrections will be made as per the suggestions by the BOS members and are implemented in the current academic year

Item No. 8.3 Curriculum feedback & Exit Survey of Students

Suggestions and Reviews

1. Students have given feedback on the curriculum and were satisfied with it.
2. Students rated the curriculum from 8.46 to 8.85 out of 10 & there were no suggestions obtained regarding curriculum updation.

(Annexure 3)

Item No. 8.4 Discussion on Result analysis & Students progression

Suggestions & Resolutions:

1. Result analysis of the students from BOTAT in which 75% approx. passed and approximately 17% of students got first class and distinction in the 2nd semester.
2. In the 4th semester, 60% of students have passed and approx. 40% got first class and more than 30% got distinction.
3. In the 6th semester, 52% of students have passed and approx. 5% got first class and 19% got distinction.
4. Likewise in the 8th semester, 100% of students have passed and approx. 16% got first class and more than 52% secured distinction.

(Annexure 4)

Item No. 8.5 Community outreach (Value added course)

Suggestions & Resolutions

1. The community outreach program was conducted during even semester in the month of May and June in the academic year 2021-22.
2. 17 students of BOTAT participated in the community outreach programme.

(Annexure 5)

Item No. 8.6 Discussion on Continuous Internal Evaluation

Suggestions & Resolutions

1. As per the meeting held on 9th July 2022, discussion on continuous evaluation was proposed to have one uniform pattern for internal evaluation of students.
2. The BOS members approved with minimum 3 unit tests and 1 internal examination for theory evaluation.

(Annexure 6)



Mr. Karan Morje
Head of OTAT
BDIPS, CHARUSAT



Dr. Darshan Patel
Principal
BDIPS, CHARUSAT

Annexures

(Annexure 1)

**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
B.SC. IN OPERATION THEATER AND ANESTHESIA TECHNOLOGY**

Syllabus Details

Program: BOTAT
Total Subjects: 9
Total Regular Subjects: 9
Group Name: Regular

Semester: 1

Course Code	Course Title	Teaching Scheme					Examination Scheme						
		CREDIT				TOTAL HOURS	TH		PR		PRJ		TOTAL
		TH	PR	PRJ	TOTAL		Internal	External	Internal	External	Internal	External	
BOTAT101	INTRODUCTION TO HEALTH CARE DELIVERY SYSTEM AND MEDICAL TERMINOLOGY	3.00			3.00	3.00	0/15	14/35	-	-	-	-	50
BOTAT102	MEDICAL LAW, ETHICS, QUALITY AND PATIENT SAFETY	3.00			3.00	3.00	0/30	28/70	-	-	-	-	100
BOTAT103	BASIC COMPUTERS AND INFORMATION SCIENCE	2.00			2.00	2.00	0/15	14/35	-	-	-	-	50
BOTAT104	BASIC BIOCHEMISTRY	3.00			3.00	3.00	0/15	14/35	-	-	-	-	50
BOTAT105	LABORATORY		6.00		6.00	12.00	-	-	0/30	28/70	-	-	100
BOTAT106	HUMAN ANATOMY PART-I	3.00			3.00	3.00	0/30	28/70	-	-	-	-	100
BOTAT107	HUMAN PHYSIOLOGY PART-I	3.00			3.00	3.00	0/30	28/70	-	-	-	-	100
HS101.02 H	COMMUNICATIVE ENGLISH		2.00		2.00	2.00	-	-	0/30	28/70	-	-	100
FS102H	FOUNDATION COURSE ON CHEMISTRY AND BIOLOGY		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100
					27.00	33.00							750
Total Credit for Regular Subjects		:		27.00									
Total Credit for Elective Subjects		:		0.00									
Total Credit		:		27.00									

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
BA PUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
B.S.C. IN OPERATION THEATER AND ANESTHESIA TECHNOLOGY

Date : 19/09/2022

Syllabus Details

Effective Year 2022-23

Program	: BOTAT	Semester	: 1
Total Subjects	: 9		
Total Regular Subjects	: 9		
Total Elective Subjects	:		

Group Name : Regular

Course Code	Course Title	Teaching Scheme					Examination Scheme						
		CREDIT				TOTAL HOURS	TH		PR		PRJ		TOTAL
		TH	PR	PRJ	TOTAL		Internal	External	Internal	External	Internal	External	
BOTAT101.0 1	INTRODUCTION TO HEALTH CARE DELIVERY SYSTEM AND MEDICAL TERMINOLOGY	3.00			3.00	3.00	0/30	28/70	-	-	-	-	100
BOTAT102	MEDICAL LAW, ETHICS, QUALITY AND PATIENT SAFETY	3.00			3.00	3.00	0/30	28/70	-	-	-	-	100
BOTAT103	BASIC COMPUTERS AND INFORMATION SCIENCE	2.00			2.00	2.00	0/15	14/35	-	-	-	-	50
BOTAT104.0 1	BASIC BIOCHEMISTRY	3.00			3.00	3.00	0/30	28/70	-	-	-	-	100
BOTAT105	LABORATORY		6.00		6.00	12.00	-	-	0/30	28/70	-	-	100
BOTAT106	HUMAN ANATOMY PART-I	3.00			3.00	3.00	0/30	28/70	-	-	-	-	100
BOTAT107	HUMAN PHYSIOLOGY PART-I	3.00			3.00	3.00	0/30	28/70	-	-	-	-	100
HS101.02 H	COMMUNICATIVE ENGLISH		2.00		2.00	2.00	-	-	0/30	28/70	-	-	100
FS102H	FOUNDATION COURSE ON CHEMISTRY AND BIOLOGY		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100
					27.00	33.00							850

Total Credit for Regular Subjects	:	27.00
Total Credit for Elective Subjects	:	0.00
Total Credit	:	27.00

Examination Grade Range & Value

Grade	Grade Points	From Marks	To Marks
AA	10.00	80	100
AB	9.00	75	79
BB	8.00	70	74
BC	7.00	65	69
CC	6.00	60	64
CD	5.00	55	59
DD	4.00	50	54
FF	0.00	0	49

(Annexure 2)

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
B.SC. IN OPERATION THEATER AND ANESTHESIA TECHNOLOGY
Syllabus Details

Program: BOTAT
Total Subjects: 7
Total Regular Subjects: 7
Group Name: Regular

Semester: 2

Course Code	Course Title	CREDIT				TOTAL HOURS	TH		PR		PRJ		TOTAL
		TH	PR	PRJ	TOTAL		Internal	External	Internal	External	Internal	External	
BOTAT201.01	HUMAN ANATOMY PART-II	3.00			3.00	3.00	0/30	28/70	-	-	-	-	100
BOTAT202.01	FUNDAMENTAL OF PHYSICS	2.00			2.00	2.00	0/15	14/35	-	-	-	-	50
BOTAT203	INTRODUCTION TO OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY	3.00			3.00	3.00	0/30	28/70	-	-	-	-	100
BOTAT204	MICROBIOLOGY	2.00			2.00	2.00	0/15	14/35	-	-	-	-	50
BOTAT206	LABORATORY AND DIRECT CLINICAL EDUCATION		12.00		12.00	12.00	-	-	0/80	48/120	-	-	200
BOTAT207	HUMAN PHYSIOLOGY PART-II	3.00			3.00	3.00	0/30	28/70	-	-	-	-	100
FS101H	FOUNDATION COURSE ON MATHEMATICS AND PHYSICS		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100
					27.00	27.00							700

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
B.SC. IN OPERATION THEATER AND ANESTHESIA TECHNOLOGY

Date : 10/06/2022

Syllabus Details
Effective Year 2022-23

Program : BOTAT **Semester** : 2
Total Subjects : 8
Total Regular Subjects : 7
Total Elective Subjects : 1

Group Name : Regular

Course Code	Course Title	Teaching Scheme					Examination Scheme						
		CREDIT				TOTAL HOURS	TH		PR		PRJ		TOTAL
		TH	PR	PRJ	TOTAL		Internal	External	Internal	External	Internal	External	
BOTAT201.0 1	HUMAN ANATOMY PART-II	3.00			3.00	3.00	0/30	28/70	-	-	-	-	100
BOTAT203	INTRODUCTION TO OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY	3.00			3.00	3.00	0/30	28/70	-	-	-	-	100
BOTAT204	MICROBIOLOGY	2.00			2.00	2.00	0/15	14/35	-	-	-	-	50
BOTAT206	LABORATORY AND DIRECT CLINICAL EDUCATION		12.00		12.00	12.00	-	-	0/80	48/120	-	-	200
BOTAT207	HUMAN PHYSIOLOGY PART-II	3.00			3.00	3.00	0/30	28/70	-	-	-	-	100
FS101H	FOUNDATION COURSE ON MATHEMATICS AND PHYSICS		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100
					25.00	25.00							650

Group Name : Elective

Course Code	Course Title	Teaching Scheme					Examination Scheme						
		CREDIT				TOTAL HOURS	TH		PR		PRJ		TOTAL
		TH	PR	PRJ	TOTAL		Internal	External	Internal	External	Internal	External	
HS201.02 H	LIBERAL ARTS - PAINTING		2.00		2.00	2.00	-	-	0/30	28/70	-	-	100
HS202.02 H	LIBERAL ARTS - PHOTOGRAPHY		2.00		2.00	2.00	-	-	0/30	28/70	-	-	100
HS205.02 H	LIBERAL ARTS - MEDIA AND GRAPHIC DESIGN		2.00		2.00	2.00	-	-	0/30	28/70	-	-	100
HS209.02 H	LIBERAL ARTS - DRAMATICS		2.00		2.00	2.00	-	-	0/30	28/70	-	-	100
HS210.02 H	LIBERAL ARTS - CONTEMPORARY DANCE		2.00		2.00	2.00	-	-	0/30	28/70	-	-	100

Total Credit for Regular Subjects : 25.00

Total Credit for Elective Subjects : 2.00

Total Credit : 27.00

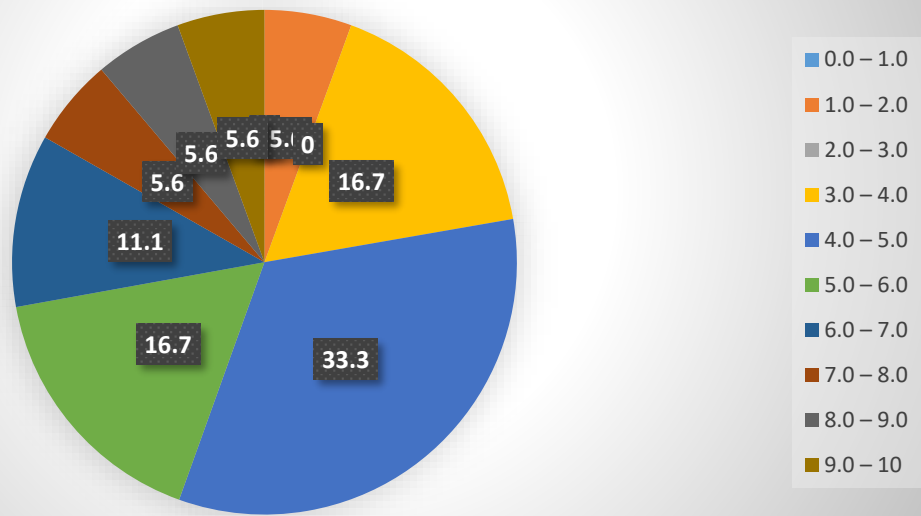
(Annexure 3)

RESULT ANALYSIS (BOTAT 2nd, 4th, 6th and 8th semesters)

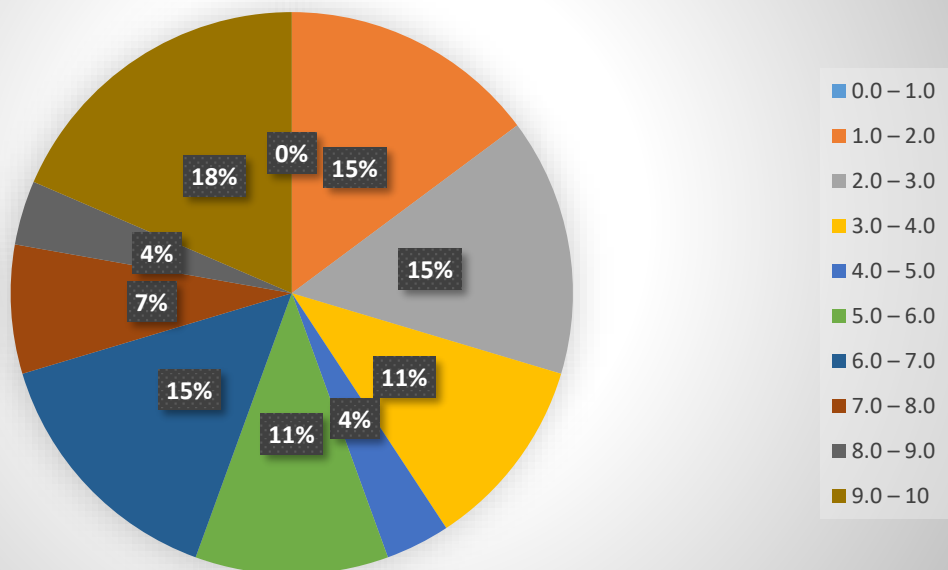
Academic Year 2021-22 (Even semester)

Academic Year – 2021-2022								
	BOTAT		BOTAT		BOTAT		BOTAT	
Semester	2	%	4	%	6	%	8	%
Students	18		27		21		19	
0.0 – 1.0	0	0.0	0	0.0	1	4.8	0	0.0
1.0 – 2.0	1	5.6	4	14.8	4	19.2	0	0.0
2.0 – 3.0	0	0.0	4	14.8	2	29.6	0	0.0
3.0 – 4.0	3	16.7	3	11.1	1	4.8	0	0.0
4.0 – 5.0	6	33.3	1	3.7	1	4.8	0	0.0
5.0 – 6.0	3	16.7	3	11.1	6	28.8	1	5.3
6.0 – 7.0	2	11.1	4	14.8	0	0.0	2	10.6
7.0 – 8.0	1	5.6	2	7.4	3	14.4	0	0.0
8.0 – 9.0	1	5.6	1	3.7	0	0.0	3	15.9
9.0 – 10	1	5.6	5	18.5	3	14.4	13	68.9

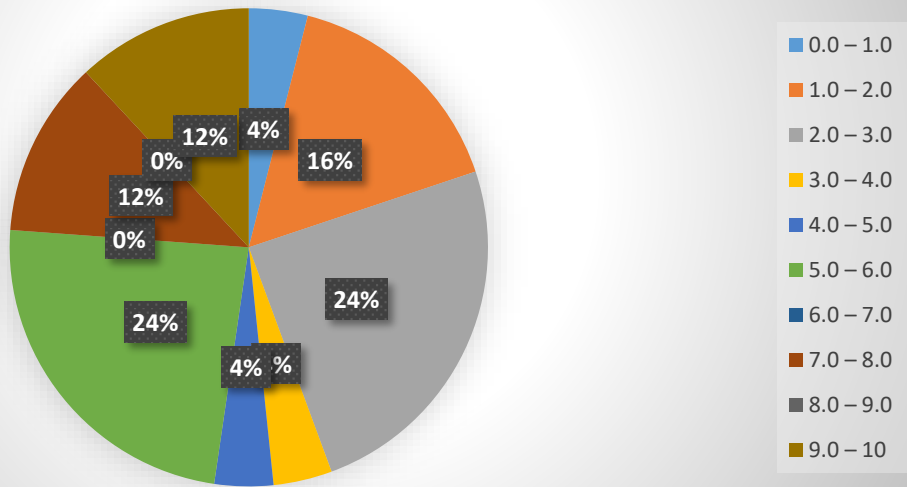
BOTAT semester II
TOTAL STUDENTS: 18



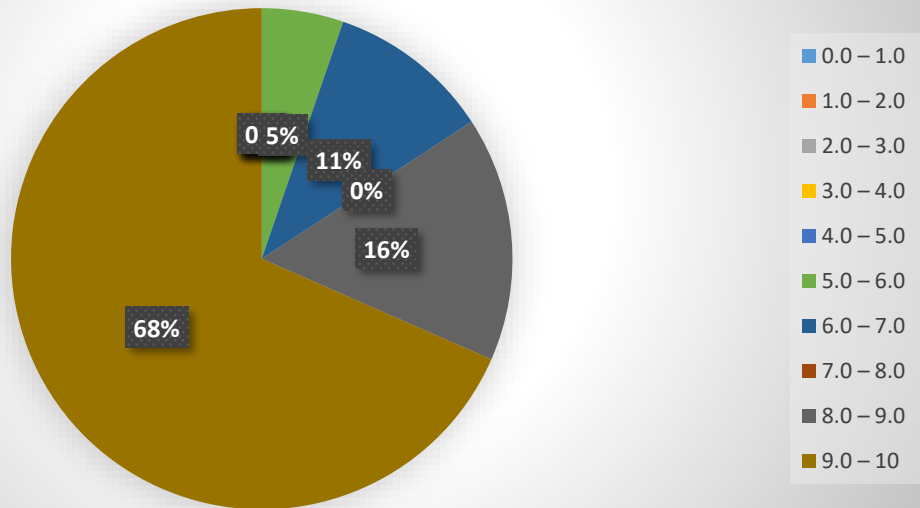
BOTAT Semester IV
TOTAL STUDENTS: 27



BOTAT Semester VI
TOTAL STUDENTS: 21



BOTAT Semester VIII
TOTAL STUDENTS: 19



(Annexure 4)**Analysis of Student Feedback on curriculum**

Sr No.	Points	2 nd Semester	4 th Semester	6 th Semester
1.	Course structure	8.15	9.14	8.82
2.	Depth of Course content	8.92	8.76	8.82
3.	Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspective)	8.55	8.66	8.50
4.	Compatibility with industry standards	8.92	8.47	8.58
5.	Compatibility with current global scenario of academics	8.15	8.95	8.94
6.	Compatibility with the real-life situation	9.07	8.19	8.35
7.	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	8.92	8	8.94
8.	Sufficient reference material and books are available for the topics mentioned in the syllabus	8.92	8.85	8.70
9.	Overall Rating	8.46	8.85	8.58

**EXIT SURVEY ANALYSIS REPORT AY 2021-
2022 BOTAT (Batch 2018-2022)**

Exit Survey feedback quantitative analysis

Total Number of feedback received= 14

Sr No.	Exit Survey Feedback (Pass out Batch 2018-2022)	Grade (G) (10)
1	Curricular Aspects [Curriculum developed and implemented has relevance to local, national, regional and global development needs.]	8.14
2	Curricular Aspects [Curriculum was broad enough to prepare you for career of choice.]	7.42
3	Curricular Aspects [Curriculum integrates crosscutting issues relevant to professional ethics, gender, human values, environment and sustainability.]	8
4	Curricular Aspects [The learning was supplemented by co-curricular activities such as coursework outside the curriculum, project work, internships, workshops, conference, symposia etc.]	8.14
5	[Audiovisual learning resources provided by teachers facilitated you to improve learning.]	8
6	[Reading material and other learning resources provided by teachers facilitated you to improve learning.]	7.17
7	[Hands-on practice in laboratories and project work facilitated in overall development, inculcating skills and time management.]	7.71
8	[Academic activities facilitate you to improve experiential learning, participative learning and problem solving methodology.]	7.71
9	[Evaluation pattern (Unit Test, Assignment, and Presentation) made you capable of analyzing your strength & weakness, and empowered you to use resources effectively.]	8.28
10	[The overall experience would help you to engage in independent and life-long learning in the broadest context of technological change.]	7.85
11	Research and Extension Activities [Institution has an eco-system to promote research and other initiatives for creation and transfer of knowledge.]	8.14
12	Research and Extension Activities [Institution has adequate facility to carry out research.]	8.14
13	Research and Extension Activities [Workshops/seminars on research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development are organized regularly.]	7.57
14	Research and Extension Activities [Activities with social relevance (NCC/ NSS/ CHRF/ CHARUSAT Rural Education etc) are conducted regularly.]	8.14

15	Infrastructure and Learning Resources [The institute has adequate facilities for Teaching – learning viz. audiovisual amenities, classrooms, laboratories.]	8.57
16	Infrastructure and Learning Resources [The institute has adequate facilities for Cultural activities, yoga, games (Indoor and outdoor), sports and gymnasium]	7.85
17	Infrastructure and Learning Resources [The institute has adequate LAN, WiFi and Internet Facility]	6.57
18	Infrastructure and Learning Resources [The institute has adequate and hygienic canteen and food facilities.]	8.85
19	Infrastructure and Learning Resources [Campus Ambience (Greenery, Environment friendly eco system, usage of solar lights, saving of electivity, production of electricity, working space) is pleasant.]	9.57
20	Infrastructure and Learning Resources [Adequate learning resources are available in library.]	8.14
21	Student Support and Progression [Active student council exists and students are involved in activities for institutional development and student welfare.]	8.28
22	Student Support and Progression [Institution timely resolves the grievances including sexual harassment and ragging cases.]	8.85
23	Student Support and Progression [Counseling helped in assessing learning level of students, leading to customized attention to needy students.]	7.71
24	Student Support and Progression [Institution encourages and provides support to participate in national and international events.]	7.85
25	Student Support and Progression [Capacity development and skills enhancement activities are organized regularly.]	8
26	Student Support and Progression [Adequate support is provided by Career Development and Placement Cell (CDPC).]	7.42
27	Governance and Leadership [The effective and transparent leadership is reflected in various institutional policies/ practices.]	8.14
28	Governance and Leadership [Management of Institution follows “Equal Opportunity” for all.]	7.85
29	Governance and Leadership [Institute felicitates achievement of students through various modes.]	7.85

DEPARTMENT OF OPERATION THEATRE AND ANESTHESIA TECHNOLOGY
FEEDBACK ON CURRICULUM ANALYSIS REPORT (ACADEMIC PEER) AY 2021-2022
(Even Semester)

Curriculum feedback quantitative analysis

Total Number of feedback received=05

Point No.	Curriculum Feedback Criteria (Academic Peer)	Grade (G) (10)
1	Syllabus is suitable to the course.	9.5
2	Syllabus is need based.	8
3	Course objectives and outcomes are well defined and clear to the teachers and students.	9
4	Course content is followed by corresponding reference books/ materials	8
5	Course have a desired balance between theory and practical	9
6	Pedagogy proposed	8
7	The books prescribed/ listed as reference material are relevant, updated and appropriate.	9
8	Project component/ Industrial training/ practical exposure in the course, if applicable	9

DEPARTMENT OF OPERATION THEATRE AND ANESTHESIA TECHNOLOGY
EMPLOYER FEEDBACK ON CURRICULUM ANALYSIS REPORT
AY 2021-2022 (Even Semester)

Curriculum feedback quantitative analysis

Total Number of feedback received=04

Point No.	Curriculum Feedback Criteria (Employer Feedback)	Grade (G) (10)
1	Ability to contribute to the goal of the organization.	9.00
2	Technical knowledge/ skill ability to manage/ leadership/ Innovativeness	7.50
3	Creativity	8.00
4	Relationship with seniors/ peers/ subordinates	8
5	Involvement in social activities	8
6	Ability and motivation for social activity	9
7	Obligation to work beyond schedule if required	9.00
8	Overall impression about their performance	9.50

(Annexure 5)

BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES CHARUSAT



Value Added Course: Community Outreach

Summary of Value-added Course: Community Outreach

Event type	Community Outreach
Topic	Community health surveys in selected villages
Faculty	Dr Suchitra Barge, Assistant Professor Karan Morje, Assistant Professor BDIPS, Charusat.
Duration	30 days
Funding	None
Target Audience	Students of BDIPS, Fifth Semester.
Number of students	17
Overview of content covered	<p>Community Health surveys in selected villages: Piplav, Changa, and Ramol.</p> <ul style="list-style-type: none"> • Data collection using Questionnaires • Clinical Measurements: Blood Pressure, Random bloodsugar, Haemoglobin levels.

Detailed survey schedule

S.N	Date	Days	Hours	Time	Topic	Faculty
1.	30 th May	1	2 hrs	2-4 pm	Training	Dr Suchitra Barge Karan Morje
2.	6-15 th June	10	3hrs/day	9am to 12pm	Community Health survey in Piplav village	Dr Suchitra Barge Karan Morje
3.	18-30 th June	10	3hrs/day	9am to 12pm	Community Health survey in Changa village	Dr Suchitra Barge Karan Morje
4.	1-8 th July	8	3hrs/day	9am to 12pm	Community Health survey in Ramol village	Dr Suchitra Barge Karan Morje
Total		28	86 Hours			

Report

Mainstream health professional education does not provide students with enough opportunity to experience actual contexts of health problems in rural India. To assist students in gaining experience by working in a variety of cultural and community settings, we conducted **community health surveys as a part of community outreach in villages.**

It was a part of the **Telehealth Program for Preventive Health care in Villages** where health surveys were conducted to assess the health care needs of rural communities. **Surveys were conducted in three selected villages, Piplav, Ramol, and Changa from June 6th to July 9th.**

We conducted **door-to-door surveys, collecting data using health-related questionnaires and performing clinical measurements such as random blood sugar, blood pressure, and hemoglobin levels.** There were **17 students enrolled in the course and participated in the surveys.**

The primary goal of the community outreach was to expose participants to alternative approaches to health care, interact with the village community, and discuss health-related issues.

It assisted them in preparing for their communication and team building skills. We hope that such exposures will prompt young people to consider their role in addressing the country's health issues.

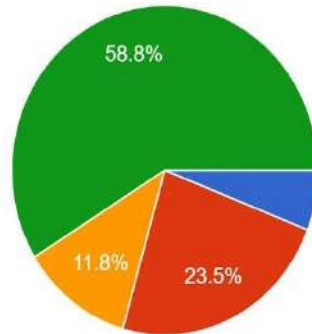


Students gave a positive feedback in community outreach extension activity.

Students Feedback

Please rate the impact of this course...

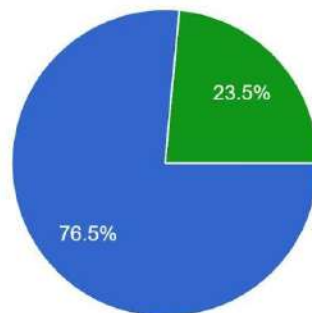
17 responses



- Increased my knowledge ...
- Improved my professional skills..
- Improved team work skill
- Helped me understand community outreach activities

Course was relevant to my degree ?

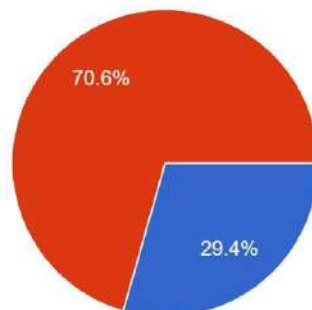
17 responses



- Agree
- Strongly disagree
- Disagree
- Neutral

How to inspired did you feel to participate in community activities ?

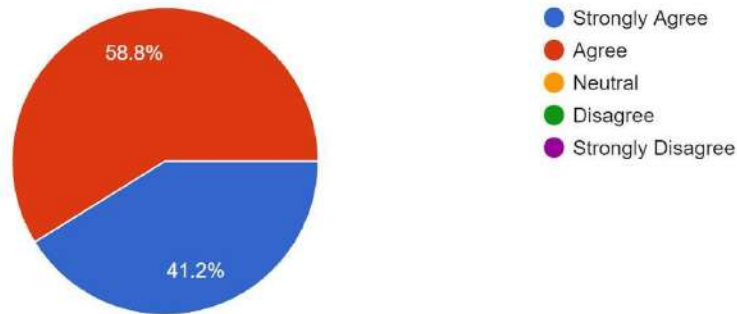
17 responses



- Likely
- Very likely
- Neutral

I would recommend this course to other students

17 responses



Participant Sheet

SN	Student ID	Names
1	20BOTAT015	Isha Urveshbhai Patel
2	20BOTAT016	Khushboo Pinakinbhai Patel
3	20BOTAT024	Rushilkumar Yatinbhai patel
4	20BOTAT020	Kushal Nileshbhai patel
5	20BOTAT007	Bansari Yoginkumar Patel
6	20BOTAT012	Drashti Jigneshbhai Patel
7	20BOTAT011	Dhruvi Sanjaybhai patel
8	20BOTAT018	Krishna Hiteshbhai Patel
9	20BOTAT022	Nandni Paragbhai patel
10	20BOTAT013	HarshKumar Priteshkumar Patel
11	20BOTAT031	Kashyap Deepak Shukla
12	20BOTAT026	Shil Mukeshbhai Patel
13	20BOTAT021	Miral kamleshbhai patel
14	20BOTAT030	Zeeya Mahammadrauf shaikh
15	20BOTAT029	Sakshi Nileshbhai shah
16	20BOTAT025	Rutvi Umeshbhai Patel
17	20BOTAT033	Valand Disha Jayantibhai

(Annexure 6)



BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCE



IQAC Minutes of Meeting

Date: 09/07/2022

Time: 2:00pm – 3:30pm

Venue: IQAC CELL, BDIPS

Opening: Dr. Artee Tyagi (IQAC coordinator)

Attendees:

Name	Designation	Department
Dr. Artee Tyagi	IQAC Coordinator, Assistant Professor	MLT
Dr. Dhara N Patel	HOD, Assistant Professor	MLT
Optom. Jaydevsinh Pargara	HOD, Assistant Professor	Optometry
Mrs. Dolly Sharma	HOD, Assistant Professor	MIT
Mr. Manna Debnath	IQAC member	MIT
Mr. Akhlaque Ahmad	HOD, Assistant Professor	OTAT

Agenda: Discussion on continuous internal evaluation of students

Outline 1: Continuous internal evaluation for theory

Discussion:

- There must be one uniform pattern for continuous internal evaluation of students

Suggestions and Resolution:

- For theory, the evaluation pattern needs to be changed. Instead of two internal exams and one remedial exam, there is need of continuous assessment.
- Therefore, the new internal assessment pattern discussed with all Heads is as follows:

Parameters for evaluation	Marks (Total 30 marks)	Points to be noted
Unit test (minimum three)	15	All Unit test will be conducted by course coordinator. The progress of the students will be shared to the parents especially targeting slow learners.
Internal exam	10	Internal exam will be one month prior to external exam. Internal exam will be scheduled after course completion review.
Attendance	5	≥75% presence= 5 marks 60-74% presence=4 marks <60% presence= 3 marks
Assignment (Optional)	-	Assignment and Seminar can be used for evaluation of those students who didn't passed in unit test and internal exams.
Seminar (Optional)	-	



BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCE 
IQAC Minutes of Meeting

Outline 2: Continuous internal evaluation for laboratory and practical's

Discussion:

- Define the evaluation parameters in practical subject department wise and the same must be followed for assessment of students.

Suggestions and Resolution:

- All Head will submit their evaluation parameters for practical examination system after discussing with their faculty and it will be submitted to IQAC cell and the same will be shared to the students.

The discussed points were reviewed and approved by Principal Sir.

Thanking You.

Regards,



Dr. Artee Tyagi
IQAC coordinator
BDIPS, CHARUSAT



Dr. Darshan Patel
Principal
BDIPS, CHARUSAT

ATTENDANCE SHEET

Sign



Mr. Karan Morje
Head of OTAT Dept.
BDIPS,
CHARUSAT



Dr. Darshan Patel
Principal
BDIPS,
CHARUSAT



Mr. Harshad Khade
Assistant Professor
BDIPS,
CHARUSAT



Mrs. Artee Tyagi
Assistant Professor
BDIPS,
CHARUSAT



Ms. Foram Shelat
Assistant Professor
BDIPS,
CHARUSAT



Dr Harshil Chavda
Anesthesiologist
CHRF,
CHARUSAT



Dr. Harshita Khilani
Anesthesiologist
CHRF,
CHARUSAT

Charotar University of Science and Technology
Bapubhai Desai bhai Patel Institute of Paramedical Sciences
Board of Studies "Minutes of Meeting"
“Department of Optometry”

Meeting No.: BOS/DOP/09/2022

Date: 21/11/2022

Time: 02:00PM

Place: Google meet (Link -<https://meet.google.com/zdq-jsbq-hbb>)

The 9th meeting of board of study for Department of Optometry held on Monday 21st November 2022 at 2.00 PM through the online platform.

Members Present:

Sr. No.	Member	Designation	Institution	Attendance
1	Optom.Jaydevsinh Pargara	Chair Person, BOS	BDIPS	Present
2	Dr.Usman Memon	Advisor, FMS,DOP,BDIPS	Director Vision Venture Eye care Hopspital Ahmedabad	Present
3	Dr.Atanu Samanta	Academic expert, External Member	Nagar school of Optometry, AHD	Present
4	Optom.Chirag Gajjar	Industry expert, External Member	Vishwakarma Vision Care, AHD	Absent due to pre occupancy
5	Optom.Nikul Patel	Industry expert, External Member	Carl Zeiss, Bangalore	Absent due to pre occupancy
6	Optom.Yogesh Vaghela	Faculty, DOP, Member	BDIPS	Present
7	Dr.Artee Tyagi	IQAC Coordinator	BDIPS	Present
8	Dr.Darshan H Patel	Principal	BDIPS	Present

Agenda of the meeting

Item No. 9.1 To review minutes of 8th BOS meeting held on 30th March 2022

Item No. 9.2 Curriculum review/revision of BOP

Item No. 9.3 Discussion on Result analysis

Item No. 9.4 Student's feedback

Item No. 9.5 Employer feedback

Item No. 9.6 Feedback on curriculum

Item No. 9.7 Continuous internal evaluation system

Details of the discussion

The chairperson for the joint meeting welcomed all the members and invites to the meeting. The meeting proceeded with the agenda.

Item No. 9.1 To review minutes of 8th BOS meeting held on 30th March 2022

Suggestions :

- All BOS members approved the eighth BOS minutes and the agenda which were discussed in the last BOS meet is implemented and practicing currently.

Item No. 9.2 Curriculum review/revision and feedback for BOP syllabus

Suggestions:

1. Optom.Jaydevsinh has discussed the suggestion received from Mr.Alkesh Patel (Faculty of Physics) regarding inclusion of the details of Ophthalmic Lasers in existing subject i.e BOP204 (Physical Optics)
2. Optom.Jaydevsinh has discussed the suggestion received from Dr.Artee Tyagi (Faculty of Microbiology) regarding increasing the number of the credit for course of BOP301 (Ocular microbiology)
3. From student's feedback and suggestions received from subject teacher regarding division of ocular disease (BOP403) into two parts as it will be very difficult for the students to prepare whole syllabus for examination and difficult for the subject teacher to cover within given stipulated time period.

4. Optom.Jaydevsinh has discussed the suggestion received from Dr.Dhara Patel & Dr.Ruma Sarkar (Faculty of Pathology) regarding increasing the number of the credit for course of BOP404 (Pathology)
5. Optom.Jaydevsinh and Optom.Yogesh Vaghela has put a proposal to introduce the new course which focuses on the basic aspects of business and accounts for 6th semester B.Optometry students as one of the scope of practice for optometrist is “Entrepreneurship”.
6. Optom.Yogesh Vaghela has suggested to include the introduction to the vision therapy into existing course i.e BOP602 (Binocular single vision-II)
7. Dr. Usman has suggested to organize workshop on a topic of dispensing optics
8. Dr.Atanu has advised to conduct industry visit on ophthalmic lens or frame manufacturing.

Resolution:

1. Chairperson an all other members were agreed for including the Ophthalmic Laser (Introduction, Production and Clinical application) – *Annexure-I*
2. Chairperson an all other members were agreed for increasing the course credit from two to three with suggested name of “Basic and Ocular Microbiology” and code of BOP301.01– *Annexure-II*
3. Chairperson and all other members were agreed to divide the ocular disease course into two part. First half part should include into 3rd semester with course code & name of BOP306 (Ocular Disease-I) – *Annexure-III* and second part should include into 4th semester with course code & name of BOP403.01 (Ocular Disease-II) – *Annexure-IV*
4. Chairperson an all other members were agreed for increasing the course credit from two to three with suggested name of “Basic and Ocular Pathology” and code of BOP404.01– *Annexure-V*
5. Chairperson and all other members were very positive for item no. 5 in which the detailed course structure with credit has been received from faculty of Indukaka Ipkowala Institute of Management (IIIM) as well as suggestions from Dr.Devang Joshi (Registrar) – *Annexure- VI*
6. Chairperson and all others members were agreed with proposal kept by Optom.Yogesh Vaghela regarding inclusion of vision therapy into existing course of BOP602 (Binocular vision-II)- *Annexure- VII*

7. Chair person has given confirmation for organizing a workshop and industry visit on both item no. 7 & 8 in upcoming semester

Item No. 9.3 Discussion on Result analysis

Result analysis of recently published result was done for 1st, 3rd, 5th and 7th sem B.Optomety (*Annexure- VIII*)

Class	Semester			
	1 st Sem	3 rd Sem	5 th Sem	7 th Sem
Pass	45%	100%	100%	60%
First class with Distinction	27%	40%	66%	40%
First class	27%	20%	8%	20%
Second class	45%	20%	25%	20%

Item No. 9.4 Student's feedback (Annexure-IX)

Suggestions-

1. Students have suggested to provide more practical exposure and BOP403 is too lengthy to prepare for examination
2. Students have suggested that library should have sufficient reference book material.

Student feedback analysis (Score out of 10)	
7.97	8.33
Sufficient reference material and books are available for the topics mentioned in the syllabus	Depth of the course content, Compatibility with the real-life situation

Resolution-

- For item no.1, With permission of all board members we have divide the ocular disease course into two part. First half part should include into 3rd semester with course code & name of BOP306 (Ocular Disease-I) – Annexure-III and second part should include into 4th semester with course code & name of BOP403.01 (Ocular Disease-II) – Annexure-IV
- For item no.2 a clinical posting of 2nd and 3rd year students have been already started at M&J Institute of Ophthalmology, Ahmedabad.

Item No. 9.5 Employer feedback (Annexure-X)

Suggestions-

- No suggestions received from the employer as they were satisfied with adequate knowledge

Employer feedback analysis (Score out of 10)	
8.11	9.55
Technical knowledge and the skills of the students	Students maintain good interpersonal relations with their colleagues and seniors

Item No. 9.6 Feedback on curriculum (Annexure-XI)

Suggestions-

- Syllabus should have equal weightage between theory and practical and also meet the industry standards

Resolution-

- Few theoretical topics from the core optometry subject will convert into the practical.
- Industry training and visit will be organized.

Item No. 9.7 Continuous internal evaluation system (Annexure-XII)

Suggestions-

- There must be uniform platform for continuous internal evaluation system of student

Resolution

- All heads of BDIPS and exam committee members have decided to change the evaluation pattern for theory as well as practical through certain parameters.
(Annexure-XII)

Meeting ended with thanks.

Sign



Optom.Jaydevsinh Pargara
Chairman, BOS (HOD)
BDIPS, CHARUSAT



Dr. Darshan H Patel
Principal
BDIPS, CHARUSAT



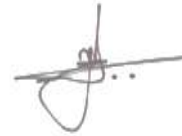
Dr.Atanu Samanta
Academic expert
NSO, AHD



Dr.Usman Memon
Advisor, FMS,
Dept.of Optometry, BDIPS



Dr.Artee Tyagi
IQAC Coordinator
BDIPS



Optom.Yogesh Vaghela
Faculty-Assistant Professor
Dept.of Optometry, BDIPS

FACULTY OF MEDICAL SCIENCE
BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
BOP204: PHYSICAL OPTICS

Credits and Hours:

Teaching Scheme	Theory	Practical	Tutorial	Total	Credit
Hours/week	4	0	0	4	4
Marks	100	0	0	100	

A. Outline of the course:

Sr. No.	Title of the unit	Minimum number of hours
1	Nature of light	10
2	Polarization of Light	12
3	Coherence and Interference	08
4	Diffraction and Scattering	08
6	Lasers	12
7	Radiometric Units and Laws	10

Total hours (Theory): 60 Hrs.

Practical Hours: 0 Hrs.

Total hours: 60 Hrs.

B. Detailed Syllabus:

1.	Nature of light	10 Hours	18%
	Light as electromagnetic oscillation –wave equation; ideas of sinusoidal oscillations –simple harmonic oscillation; transverse nature of oscillation; concepts of frequency, wavelength, amplitude and phase. Sources of light; Electromagnetic Spectrum.		
2.	Polarization of Light	12 Hours	20%
	Polarized light; linearly polarized light; and circularly polarized light. Intensity of polarized light; Malus' Law; polarizers and analyzers; Methods of producing polarized light; Brewster's angle. Birefringence; ordinary and extraordinary rays. Relationship between amplitude and intensity.		
3.	Coherence and Interference	08 Hours	12%
	Coherence; interference; constructive interference, destructive interference; fringes; fringe width. Double slits, multiple slits, gratings.		
4.	Diffraction and Scattering	08 Hours	12%
	Diffraction; diffraction by a circular aperture; Airy's disc; Resolution of an instrument (telescope, for example); Raleigh's criterion; Scattering; Raleigh's scattering; Tyndall effect.		
5.	Lasers	12 Hours	20%
	Fluorescence and Phosphorescence; Basics of Lasers –coherence; population inversion; spontaneous emission; Einstein's theory of lasers. Ophthalmic Lasers; Introduction, Production, Application Diode Laser, ND:YAG Laser, Argon Laser, Excimer laser		
6.	Radiometric Units and Laws	10 Hours	18%
	Radiometry; solid angle; radiometric units; photopic and scotopic luminous efficiency and efficacy curves; photometric units; Inverse square law of photometry; Lambert's law; Other units of light measurement; retinal illumination; Trolands.		

Course Outcomes (COs):

At the end of the course, the students will be able to

CO1	Describe the sources and application of electromagnetic radiations.
CO2	Different phenomenon experienced by the waves such as polarization, birefringes, coherence, interference and scattering,
CO3	Material properties such as Fluorescence and Phosphorescence, production and application of LASER
CO4	Different radiometric and photometric units useful in hospital practices.

Course Articulation Matrix:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	3	-	-	-	-	-	-	3
CO2	3	3	3	-	1	-	-	-	-	3
CO3	3	3	3	-	1	-	-	-	2	3
CO4	3	3	3	-	-	-	-	-	2	3

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High) No correlation “-”

Recommended Study Material:❖ **Text book:**

1. Subrahmanyam N, BrijLal, A text book of Optics, S. Chand Co Ltd, New Delhi, India, 2003.

❖ **Reference book:**

1. Pedrotti L. S, Pedrotti Sr. F. L, Optics and Vision, Prentice Hall, New Jersey, USA, 1998.
2. Keating NM. P, Geometric, Physical and Visual Optics, Butterworth-Heinemann, Massachusetts, USA, 2002.

FACULTY OF MEDICAL SCIENCE

BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES

BOP301.01: Basic & Ocular Microbiology

Total credits: 3

Semester-3

A. Outline of the course

Sr. No.	Title of the Unit	Minimum number of hours
1.	Morphology and principles of cultivating bacteria	4
2.	Sterilization and disinfections used in laboratory and hospital practice	5
3.	Common bacterial infections of the eye	12
4.	Common fungal infections of the eye	8
5.	Common viral infections of the eye.	8
6.	Common parasitic infections of the eye.	8

Total hours (Theory): 45 hours

Total: 45 hours

B. Detailed syllabus

Sr. No.	Detailed Syllabus	Hours
1.	Morphology and principles of cultivating bacteria	4
2.	Sterilization and disinfections used in laboratory and hospital practice	5
3.	Common bacterial infections of the eye	12
4.	Common fungal infections of the eye	8
5.	Common viral infections of the eye	8
6.	Common parasitic infections of the eye	8

Course Outcome

At the end of the course, students will be able to:

CO1	Describe the differential characteristics of bacteria, virus, fungi and parasites. Explain the cultivating characteristics of all bacteria.
CO2	Describe the principles and applications of sterilization and disinfection techniques and apply it in ophthalmic practice and hospitals regularly.

CO3	Explain the pathogenesis of the ocular infections caused by the microorganisms
CO4	Explain basic principles of diagnostic ocular Microbiology

Course articulation matrix

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	-	-	-	-	-	-	-	-	1
CO2	3	1	2	1	-	-	-	-	-	1
CO3	3	-	-	-	-	-	-	-	-	1
CO4	3	1	2	1	-	-	-	-	-	1

Where 1= Slight (low), 2= Moderate (Medium), 3= Substantial (High), - (No correlation)

C. Reference Books/ Sources:

- a. BURTON G.R.W: Microbiology for the Health Sciences, third edition, J.P. Lippincott Co., St. Louis, 1988.
- b. M J Pelczar (Jr), ECS Chan, NR Krieg : Microbiology ,fifth edition, TATA McGRAW-HILL Publisher, New Delhi,1993.
- c. KJ Ryan, CG Ray: Sherris Medical Microbiology- An Introduction to infectious Diseases, fourth edition, McGRAW HILL Publisher, New Delhi, 1994 MACKIE & McCartney Practical Medical Microbiology
- d. SYDNEY M. FINEGOLD & ELLEN JO BARON: Diagnostic Microbiology (DM) 5.

FACULTY OF MEDICAL SCIENCES
BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
DEPARTMENT OF OPTOMETRY
BOP306: OCULAR DISEASE-I

Credits and Hours:

Teaching Scheme	Theory	Tutorial	Total	Credit
Hours/week	3	0	3	3
Marks	100	0	100	

A. Outline of the course:

Sr. No.	Title of the unit	Minimum number of hours
1	Lens	8
2	Glaucoma	8
3	Eyelid	7
4	Lacrimal apparatus	6
5	Conjunctiva	8
6	Cornea	8

Total hours (Theory): 45 Hrs.

Total hours: 45 Hrs.

B. Detailed Syllabus:

1.	Lens	08 Hours	17.17%
	Applied Anatomy and Physiology, Clinical examination, Classification of cataract, Congenital and Developmental cataract, Acquired (Senile, Traumatic, Complicated, Metabolic, Electric, Radiational, Toxic), Morphological: Capsular, Subcapsular, Cortical, Supranuclear, Nuclear, Polar. , Management of cataract (Non-surgical and surgical measures; preoperative evaluation, Types of surgeries.), Complications of cataract surgery, Displacement of lens: Subluxation, Displacement, Lens coloboma, Lenticonus, Microspherophakia.		
2.	Glaucoma	08 Hours	17.17%
	Applied anatomy and physiology of anterior segment, Clinical Examination, Definitions and classification of glaucoma, Pathogenesis of glaucomatous ocular damage, Congenital glaucoma's, Primary open angle glaucoma, Ocular hypertension, Normal Tension Glaucoma, Primary angle closure glaucoma (Primary angle closure suspect, Intermittent glaucoma, acute congestive, chronic angle closure), Secondary Glaucoma's Management : common medications, laser intervention and surgical techniques		
3.	Eyelid	07 Hours	15.55%
	Congenital anomalies (Ptosis, Coloboma, Epicanthus, Distichiasis, Cryptophthalmos), Oedema of the eyelids(Inflammatory, Solid, Passive edema), Inflammatory disorders (Blepharitis, External Hordeolum, Chalazion, Internal hordeolum, Molluscum Contagiosum)		
4.	Lacrimal apparatus	06 Hours	13.33%
	Applied Anatomy, Tear Film, The Dry Eye (Sjogren's Syndrome), The watering eye (Etiology, clinical evaluation), Dacryocystitis, Swelling of the Lacrimal gland(Dacryoadenitis)		
5.	Conjunctiva	08 Hours	17.17%
	Applied Anatomy, Inflammations of conjunctiva (Infective conjunctivitis – bacterial, chlamydial, viral , Allergic conjunctivitis, Granulomatous conjunctivitis), Degenerative conditions(Pinguecula, Pterygium, Concretions), Symptomatic conditions(Hyperaemia, Chemosis, Ecchymosis, Xerosis, Discoloration), Cysts and Tumors		
6.	Cornea	08 Hours	17.17%
	Applied Anatomy and Physiology, Congenital Anomalies (Megalocornea, Microcornea, Cornea plana, Congenital cloudy		

	cornea), Inflammations of the cornea (Topographical classifications: Ulcerative keratitis and Non ulcerative, Etiological classifications: Infective, Allergic, Trophic, Traumatic, Idiopathic), Degenerations (classifications, Arcussenilis, Vogt’s white limbal girdle, Hassalhenle bodies, Lipoid Keratopathy, Band shaped keratopathy, Salzmann’s nodular degeneration, Droplet keratopathy, Pellucid Marginal degeneration), Dystrophies (Reis Buckler dystrophy, Recurrent corneal erosion syndrome, Granular dystrophy, Lattice dystrophy, Macular dystrophy, cornea guttata, Fuch’s epithelial, endothelial dystrophy, Congenital hereditary endothelial dystrophy), Keratoconus, Keratoglobus, Corneal oedema, Corneal opacity, Corneal vascularisation, Penetrating Keratoplasty		
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Course Outcomes (COs):

At the end of the course, the students will be able to

CO1	Upon completion of the course, the student should be able to explain the aetiology and epidemiology of disease
CO2	Upon completion of the course, the student should be able to explain the sign and symptoms of various diseases
CO3	Upon completion of the course, the student should be able to explain diagnostic approach to the ocular disease
CO4	Upon completion of the course, the student should be able to explain management of ocular disease

Course Articulation Matrix:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	-	3	-	2	-	-	-	3	3
CO2	3	2	2	3	-	-	-	-	3	-
CO3	3	-	2	-	-	-	-	-	-	-
CO4	2	-	-	3	-	-	-	-	2	-

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High) No correlation “-”

Recommended Study Material:

❖ Text book:

- ❖ A K Khurana: Comprehensive Ophthalmology, 4th edition, New age international (p) Ltd. Publishers, New Delhi, 2007

❖ Reference book:

1. Stephen J. Miller : Parsons Diseases of the Eye, 18th edition, Churchill Livingstone, 1990
2. Jack J. Kanski Clinical Ophthalmology: A Systematic Approach, 6th edition, Butterworth- Heinemann, 2007

FACULTY OF MEDICAL SCIENCES
BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
DEPARTMENT OF OPTOMETRY
BOP403.01: OCULAR DISEASE-II

Credits and Hours:

Teaching Scheme	Theory	Tutorial	Total	Credit
Hours/week	3	0	3	3
Marks	100	0	100	

A. Outline of the course:

Sr. No.	Title of the unit	Minimum number of hours
1	Retina and Vitreous	12
2	Ocular injuries	6
3	Clinical neuro ophthalmology	9
4	Orbit	6
5	Uveal tract and sclera	12

Total hours (Theory): 45 Hrs.

Total hours: 45 Hrs.

B. Detailed Syllabus:

1.	Retina and Vitreous	12 Hours	26.66%
	Applied Anatomy Congenital and Developmental Disorders (Optic Disc: Coloboma, Drusen, Hypoplasia, Medullated nerve fibers; Persistent Hyaloid Artery), Inflammatory disorders (Retinitis : Acute purulent , Bacterial, Virus, mycotic), Retinal Vasculitis (Eales's), Retinal Artery Occlusion (Central retinal Artery occlusion), Retinal Vein occlusion (Ischaemic, Non Ischaemic , Branch retinal vein occlusion), Retinal degenerations : Retinitis Pigmentosa, Lattice degenerations, Macular disorders: Solar retinopathy, central serous retinopathy, cystoid macular edema, Age related macular degeneration, Retinal Detachment: Rhegmatogenous, Tractional, Exudative), Retinoblastoma, Diabetic retinopathy		
2.	Ocular injuries	06 Hours	13.33%
	Terminology : Closed globe injury (contusion, lamellar laceration) Open globe injury (rupture, laceration, penetrating injury, perforating injury), Mechanical injuries (Extraocular foreign body, blunt trauma, perforating injury, sympathetic ophthalmitis), Non Mechanical Injuries (Chemical injuries, Thermal, Electrical, Radiational), Clinical approach towards ocular injury patients		
4.	Clinical neuro ophthalmology	09 Hours	20%
	Anatomy of visual pathway, Lesions of the visual pathway, Pupillary reflexes and abnormalities (Amaurotic light reflex, Efferent pathway defect, Wernicke's hemianopic pupil, Marcus gunn pupil. Argyll Robertson pupil, Adie's tonic pupil), Optic neuritis, Anterior Ischemic optic neuropathy, Pappilloedema, optic atrophy, Cortical blindness, Malingering, Nystagmus, Clinical examination		
6.	Orbit	06 Hours	13.33%
	Applied Anatomy, Proptosis (Classification, Causes, Investigations), Enophthalmos, Developmental Anomalies (craniosynostosis, Craniofacial Dysostosis, Hypertelorism, Median facial cleft syndrome), Orbital Inflammations (Preseptal cellulites, Orbital cellulitis Orbital Periostitis, cavernous sinus Thrombosis), Grave's Ophthalmopathy, Orbital tumors(Dermoids, capillary haemangioma, Optic nerve glioma), Orbital blowout fractures, Orbital surgery (Orbitotomy), Orbital tumors, Orbital trauma, Approach to a patient with proptosis		
11.	Uveal tract and sclera	12 Hours	26.66%

Applied Anatomy, Classification of uveitis, Etiology, Pathology, Anterior Uveitis, Posterior Uveitis, Purulent Uveitis, Endophthalmitis, Panophthalmitis, Pars Planitis, Tumors of uveal tract(Melanoma), Episcleritis and scleritis, Clinical examination of Uveitis and Scleritis		
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Course Outcomes (COs):

At the end of the course, the students will be able to

CO1	Upon completion of the course, the student should be able to explain the aetiology and epidemiology of disease
CO2	Upon completion of the course, the student should be able to explain the sign and symptoms of various diseases
CO3	Upon completion of the course, the student should be able to explain diagnostic approach to the ocular disease
CO4	Upon completion of the course, the student should be able to explain management of ocular disease

Course Articulation Matrix:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10
CO1	2	-	3	-	2	-	-	-	3	3
CO2	3	2	2	3	-	-	-	-	3	-
CO3	3	-	2	-	-	-	-	-	-	-
CO4	2	-	-	3	-	-	-	-	2	-

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High) No correlation “-”

Recommended Study Material:

❖ Text book:

- ❖ A K Khurana: Comprehensive Ophthalmology, 4th edition, New age international (p) Ltd. Publishers, New Delhi, 2007

❖ Reference book:

1. Stephen J. Miller : Parsons Diseases of the Eye, 18th edition, Churchill Livingstone, 1990
2. Jack J. Kanski Clinical Ophthalmology: A Systematic Approach, 6th edition, Butterworth- Heinemann, 2007

BOP404: PATHOLOGY

Credit and Hours

Teaching scheme	Theory	Practical	Tutorial	Total	Credit
Hours/week	3	0	0	3	3
Marks	100	0	0	100	

Total credits: 3

Semester- 4

A. Outline of the course:

Sr. no	Title of the unit	Minimum number of hours
1	Unit1 Inflammation and repair	6
2	Unit 2: Infection in general	4
3	Unit 3: Specific infections	6
4.	Unit 4: Neoplasia	6
5.	Unit 5: Haematology	5
6.	Unit 6: Circulatory disturbances	6
7.	Unit 7: Clinical pathology	6
8.	Unit 8: Immune system & Shock	6

Total hours (Theory): 45 hours

Total : 45 hours

B. Detailed syllabus

Sr. no	Detailed Syllabus	Minimum number of hours
1	Unit1 Inflammation and repair 1.1 Cell Death, abnormality, repair, adaptations 1.2 Healing 1.3 Acute and Chronic inflammation	6
2	Unit 2: Infection in general	4
3	Unit 3: Specific infections 3.1 Tuberculosis 3.2 Leprosy 3.3 Syphilis 3.4 Fungal infection 3.5 Viral chlamydial infection	6
4.	Unit 4: Neoplasia	6
5.	Unit 5: Haematology 5.1 Anaemia 5.2 Leukaemia	5

	5.3 Bleeding disorders	
6.	Unit 6: Circulatory disturbances 6.1 Thrombosis 6.2 Infarction 6.3 Embolism	6
7.	Unit 7: Clinical pathology 7.1 Interpretation of urine report 7.2 Interpretation of blood smears.	6
8.	Unit 8: Immune system & Shock 8.1 Hypersensitivity 8.2 Shock 8.3 Anaphylaxis 8.4 Allergy	6

Course Outcome:

At the end of the course, Students would be able to:

CO1	Understand and explain inflammation and repair aspects.
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Course articulation matrix

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	1	2	2	-	-	-	-	-	-

Where 1= Slight (low), 2= Moderate (Medium), 3= Substantial (High), - (No correlation)

B. Reference Text books:

1. CORTON KUMAR AND ROBINS: Pathological Basis of the Disease, 7th Edition, Elsevier, New Delhi, 2004.
2. S R Lakhani Susan AD & Caroline JF: Basic Pathology: An introduction to the mechanism of disease, 1993.

FACULTY OF MEDICAL SCIENCES
BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
DEPARTMENT OF OPTOMETRY
BOP606 – BASICS OF MANAGEMENT
(Course is to be taught by faculty member from Faculty of Management Studies)

Credits and Hours:

Teaching Scheme	Theory	Practical	Tutorial	Total	Credit
Hours/week	00	02	0	02	2
Marks	00	50	0	50	

A. Outline of the course:

Sr. No.	Title of the unit	Minimum number of hours
1	Introduction to Management	3
2	Marketing and Sales Management	5
3	Human Resource Management	5
4	Finance Management	7
5	Entrepreneurship Management	3
6	Major Project	7

Total hours (Theory): 00 Hrs.

Practical Hours: 30 Hrs.

Total hours: 30 Hrs.

B. Detailed Syllabus:

1.	Introduction to Management	03 Hours	10%
	<ul style="list-style-type: none"> • Definition • Nature and Scope • Functions • Managerial Roles • Levels of Management • Managerial Skills • Challenges of Management • Classical Approach - Scientific and Administrative Management 		
2.	Marketing and Sales Management	05 Hours	16.66%
	<ul style="list-style-type: none"> • Difference between Marketing and Sales • Branding of Products and Services <ul style="list-style-type: none"> - Developing USPs • Market segmentation <ul style="list-style-type: none"> - Product Differentiation • Understanding Customers <ul style="list-style-type: none"> - Buying Decision Process and Factors affecting buyer Behaviour - Customer Satisfaction • Pricing strategies • Integrated Market Communication <ul style="list-style-type: none"> - Market communication tools, process and factor • Retailing & Franchise 		
3.	Human Resource Management	05 Hours	16.66%
	<ul style="list-style-type: none"> • Recruiting and staffing • Training and development • Performance management and evaluations • Payroll and benefits • Succession planning 		
4.	Finance Management	07 Hours	23.33%
	<ul style="list-style-type: none"> • Debt Equity Concept • Working Capital Concept • Income and Expenses Concept • Recording of Transactions <ul style="list-style-type: none"> -Maintaining different books of accounts • Reading financial statements • Budgeting and Control <ul style="list-style-type: none"> - Fixed and variable cost elements 		

	<ul style="list-style-type: none"> - Breakeven analysis • Inventory Management <ul style="list-style-type: none"> - Selective Inventory Control, Inventory Costs and Inventory Replenishment 		
5.	Entrepreneurship Management	03 Hours	10%
	<ul style="list-style-type: none"> • Preparation of Business Plan • Sources of funds/financing available for entrepreneurs 		
6.	Major Project*	07 Hours	23.33%
	Total	30 Hours	

Course Outcomes (COs):

At the end of the course, the students will be able to

CO1	Understanding concepts of Management with facets of Marketing, Human Resource and Finance Management.
CO2	Develop awareness about enterprise management in terms of initiation, operation, marketing, human resource management, and finance
CO3	Enhance entrepreneurial and managerial potentials

Course Articulation Matrix:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	-	-	2	2	2	1	2	-	2	-
CO2	-	-	3	2	3	1	2	-	3	-
CO3	-	-	2	3	3	3	3	-	3	-

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High) No correlation “-”

Pedagogy:

The course will emphasise on engaging students in activities that allow them to participate and reflect on their learning process. The course faculty is expected to use business case discussions for each module. The pedagogy will aim to incite problem solving skills and critical thinking rather than rote learning and information gathering. Thus students will undertake team projects, presentations, simulation exercises, and field research as part of the course.

*Major Project: The course faculty is expected to provide the project briefing by the 5th session of the course. The presentations for the same will be conducted at the end of the course or as scheduled by the faculty.

The pedagogical mix can be as follows:

- Classroom Discussion of Concepts and Applications ... About 10 Sessions
- Case Discussions ... About 10 Sessions
- Management Exercise / Stimulations /Games ... About 05 Sessions
- Capstone Student's Presentations ... About 05 Sessions

The exact division among the above components will be announced by the faculty at the beginning of the semester as a part of detailed session-wise schedule.

Recommended Study Material:

Text Books:

1. Principles and Practice of Management; L M Prasad
2. Marketing Management: A Strategic Decision – Making Approach; V.S. Ramaswamy and S. Namakumari. Tata McGraw Hill Education India. ISBN: 9781259026416
3. Human Resource Management; Dessler Gary, Warkkey Biju - Pearson
4. Accounting for Beginners: A Simple and Updated Guide to Learning Basic Accounting Concepts and Principles Quickly and Easily, Including Financial Statements and Adjusting Entries for Small Businesses - Warren Piper Ruell
5. Cost Accounting- M. Y.Khan & P.K.Jain
6. Entrepreneurship – New Venture Creation; Holt - Prentice Hall of India

FACULTY OF MEDICAL SCIENCES
BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCES
DEPARTMENT OF OPTOMETRY
BOP602- BINOCULAR VISION-II (NEW)

Credits and Hours:

Teaching Scheme	Theory	Practical	Tutorial	Total	Credit
Hours/week	03	0	0	0	3
Marks	100	0	0	0	

A. Outline of the course:

Sr. No.	Title of the unit	Minimum number of hours
1	Neuro-muscular anomalies	04
2	Convergent strabismus	04
3	Divergent Strabismus	02
4	Vertical strabismus	02
5	Paralytic Strabismus	05
6	Distinction from comitant and restrictive Squint	02
7	Investigations	12
8	Nystagmus	03
9	Non-surgical Management of Squint	05
10	Restrictive Strabismus	04
11	Surgical management	02

Total hours (Theory): 45 Hrs.

Practical Hours: 00 Hrs.

Total hours: 45 Hrs.

B. Detailed Syllabus:

1.	Neuro-muscular anomalies	04 Hours	8.88%
	Classification and etiological factors		
2.	Convergent strabismus	04 Hours	8.88%
	Accommodative and Non Accommodative convergent squint		
3.	Divergent Strabismus	02 Hours	4.44%
	Classification A& V phenomenon Investigation and Management		
4.	Vertical strabismus	02 Hours	4.44%
	Classification, Investigation, Management		
5.	Paralytic Strabismus	05 Hour	11.11%
	Acquired and congenital, Clinical characteristics		
6.	Distinction from comitant and restrictive Squint	02 Hours	4.44%
7.	Investigations	12 Hours	26.66%
	History and symptoms, Head Posture, Diplopia Charting, Hess chart, PBCT, Nine directions, Binocular field of vision		
8.	Nystagmus	03 Hours	6.66%
	Definition, Types, Evaluation, Management		
9.	Non-surgical Management of Squint	05 Hours	11.11%
	Introduction to vision therapy		
10.	Restrictive Strabismus	04 Hours	8.88%
	Types, Clinical Characteristics, Management		
11.	Surgical management	02 Hours	4.44%

Course Outcomes (COs):

At the end of the course, the students will be able to

CO1	Independently investigate and diagnose case of strabismus with comments in respect to retinal correspondence and binocular single vision.
CO2	Perform all the investigations to check retinal correspondence, state of Binocular Single Vision, angle of deviation and special investigations for paralytic strabismus.

CO3	Demonstrate knowledge about all the type horizontal and vertical deviations of the eye.
CO4	Demonstrate knowledge about all the type of Paralytic and restrictive strabismus.
CO5	Demonstrate knowledge about various type of strabismus in adult.
CO6	Demonstrate knowledge about all the type of Paralytic and restrictive strabismus assessment procedure

Course Articulation Matrix:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10
CO1	3	3	3	-	-	-	-	-	-	-
CO2	-	3	3	-	-	-	-	-	-	-
CO3	3	-	-	-	-	-	-	-	-	-
CO4	3	-	-	-	-	-	-	-	-	-
CO5	3	-	-	-	-	-	-	-	-	-
CO6	3	2	3	-	-	-	-	-	-	-

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High) No correlation “-”

Recommended Study Material:

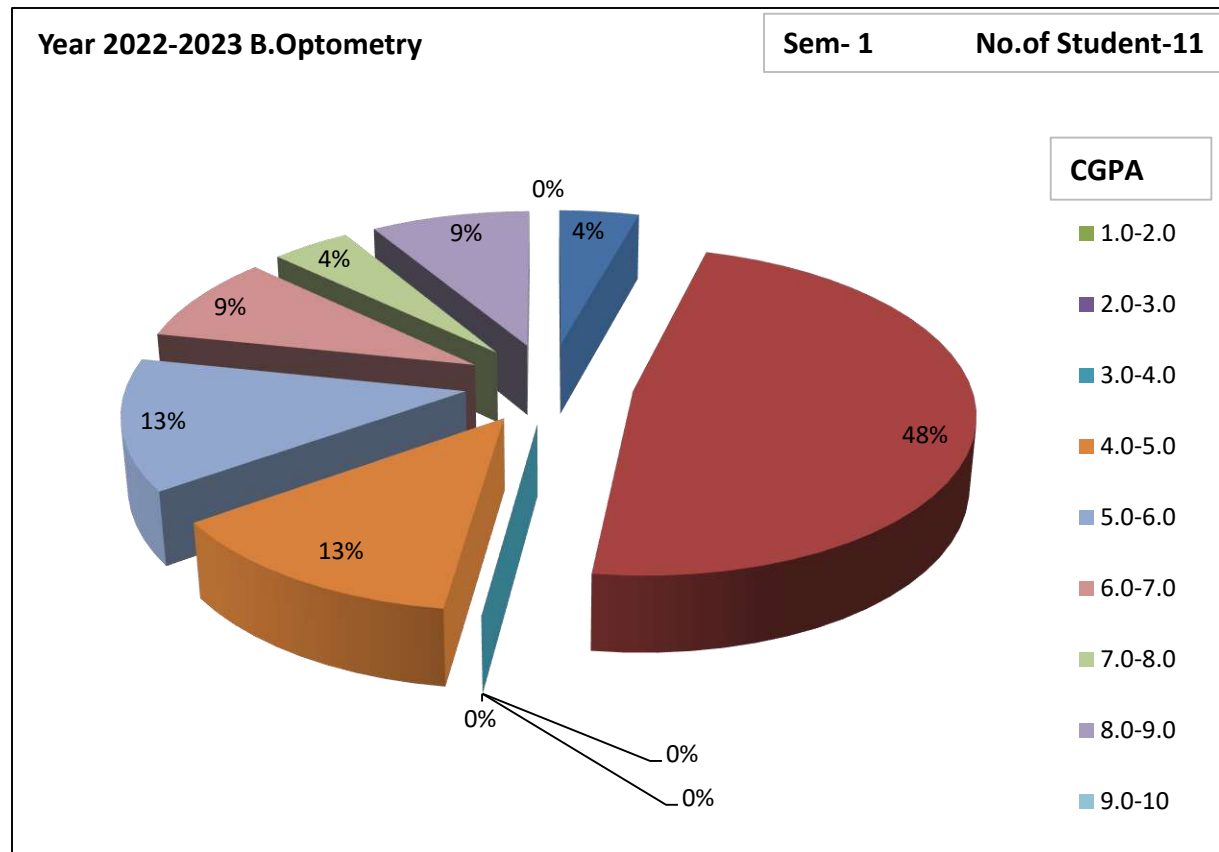
TEXTBOOK:

1. Pradeep Sharma: Strabismus simplified, New Delhi, First edition, 1999, Modern publishers.
2. Fiona J. Rowe: Clinical Orthoptics, second edition, 2004, Blackwell Science Ltd
3. Gunter K. Von Noorden: BURIAN- VON NOORDEN’S Binocular vision and ocular motility theory and management of strabismus, Missouri, Second edition, 1980, C. V. Mosby Company
4. Mitchell Scheiman; Bruce Wick: Clinical Management of Binocular Vision Heterophoric, Accommodative, and Eye Movement Disorders, 2008, Lippincot Williams & Wilkins publishers

Result Analysis
Odd sem Year 2022
B.Optomety
BDIPS
CHARUSAT

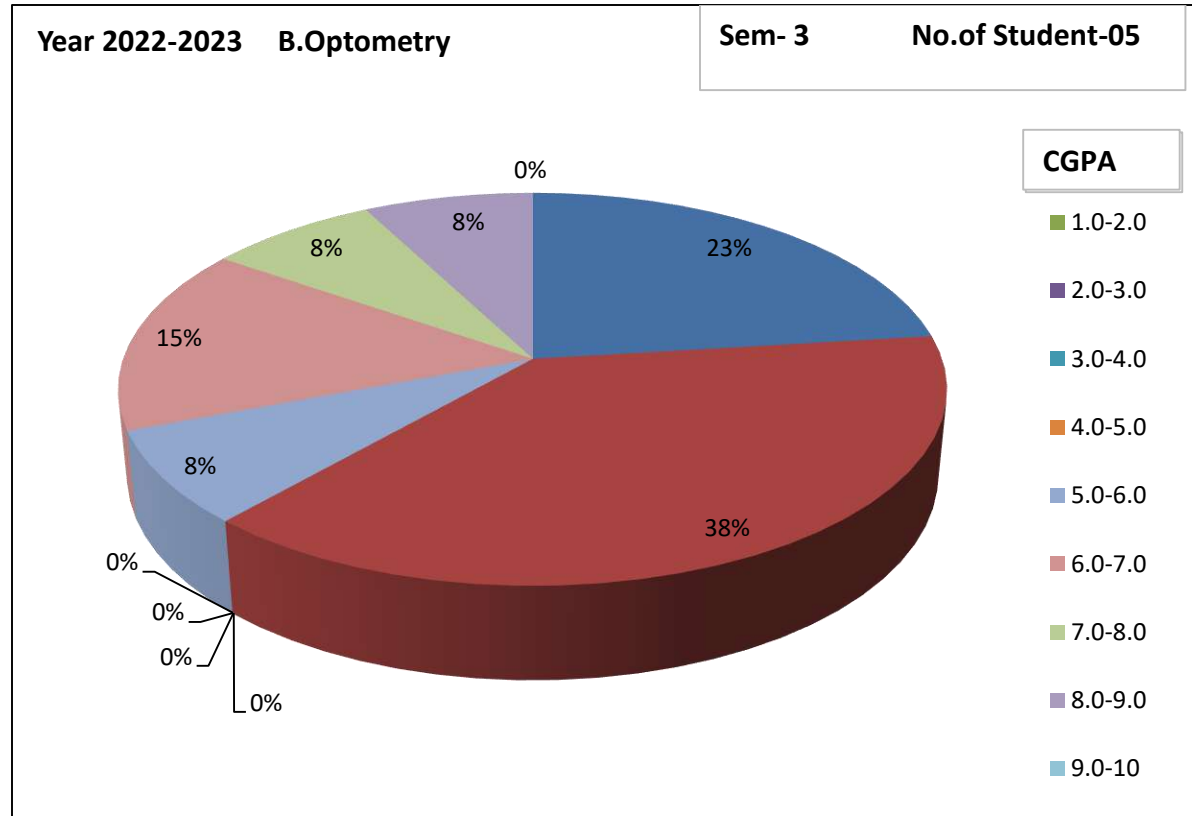
May-June 2022

Year 2022-2023	
DEPARTMENT	Optometry
SEMESTER	1
STUDENTS	11
1.0-2.0	0
2.0-3.0	0
3.0-4.0	0
4.0-5.0	3
5.0-6.0	3
6.0-7.0	2
7.0-8.0	1
8.0-9.0	2
9.0-10	0



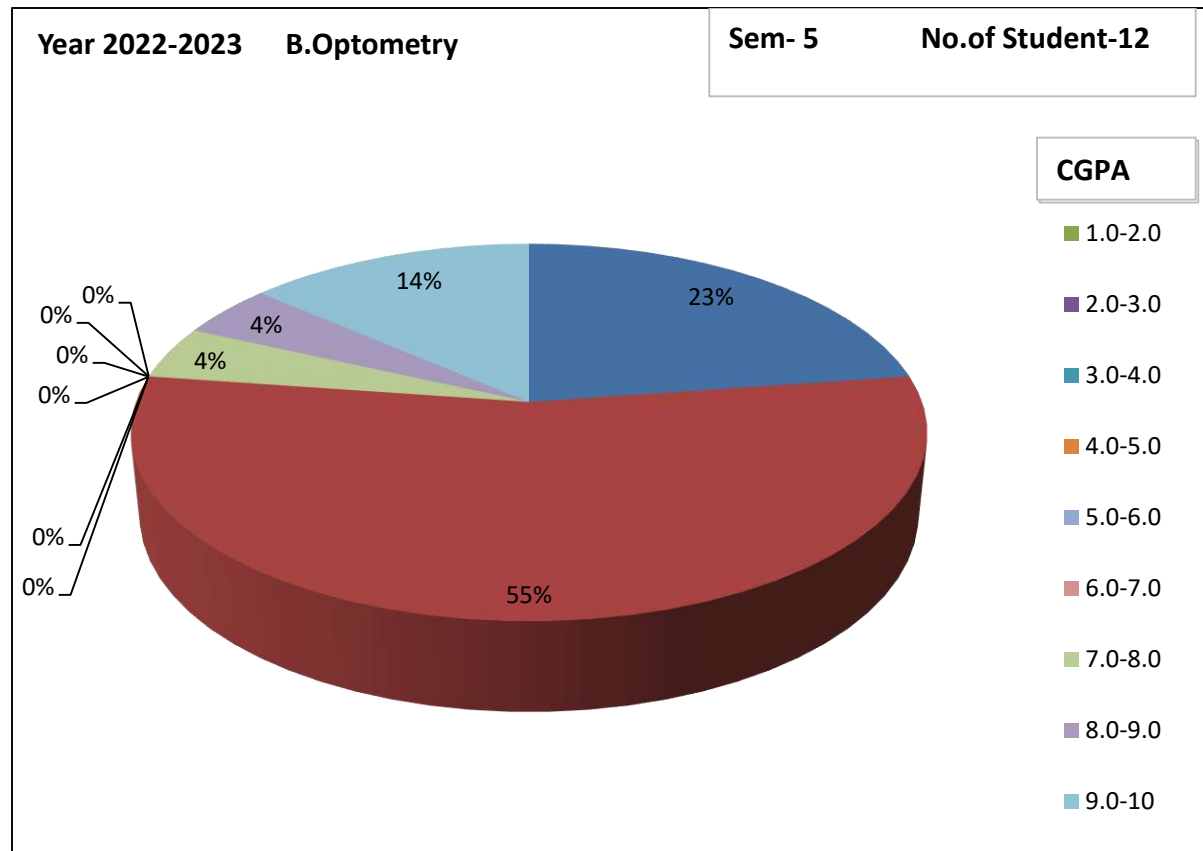
May-June 2022

Year 2022-2023	
DEPARTMENT	Optometry
SEMESTER	3
STUDENTS	5
1.0-2.0	0
2.0-3.0	0
3.0-4.0	0
4.0-5.0	0
5.0-6.0	1
6.0-7.0	2
7.0-8.0	1
8.0-9.0	1
9.0-10	0



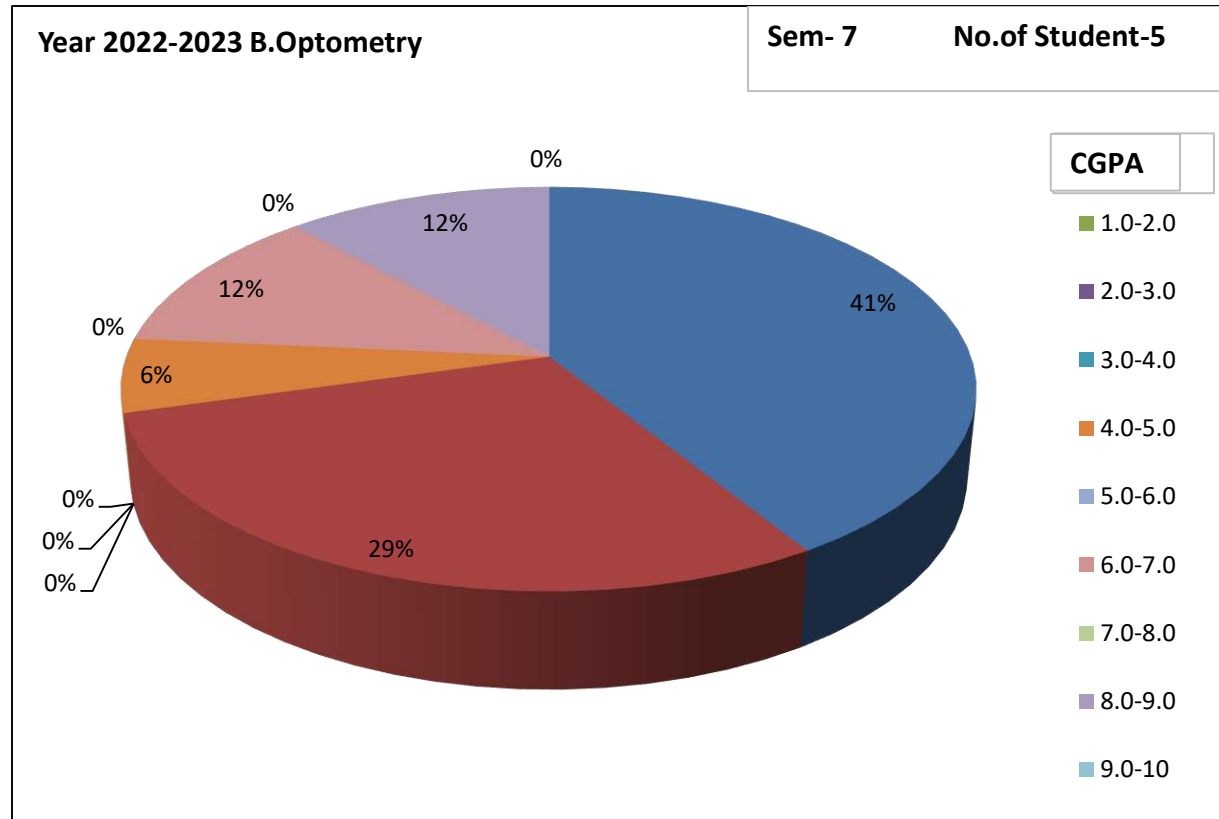
May-June 2022

Year 2022-2023	
DEPARTMENT	Optometry
SEMESTER	5
STUDENTS	12
1.0-2.0	0
2.0-3.0	0
3.0-4.0	0
4.0-5.0	0
5.0-6.0	0
6.0-7.0	0
7.0-8.0	1
8.0-9.0	1
9.0-10	3



May-June 2022

Year 2022-2023	
DEPARTMENT	Optometry
SEMESTER	7
STUDENTS	5
1.0-2.0	0
2.0-3.0	0
3.0-4.0	0
4.0-5.0	1
5.0-6.0	0
6.0-7.0	2
7.0-8.0	0
8.0-9.0	2
9.0-10	0



**BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCE,
CHARUSAT
BOP STUDENT FEEDBACK ANALYSIS REPORT AY 2021-2022
Curriculum feedback quantitative analysis Total Number
of feedback received=39**

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1	Course Structure	8.04
2	Depth of the course content	8.33
3	Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	9.02
4	Compatibility with industry standards	8.04
5	Compatibility with current global scenario of academics	8.33
6	Compatibility with the real-life situation	8.33
7	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	7.94
8	Sufficient reference material and books are available for the topics mentioned in the syllabus	7.94
9	Overall rating (10)	8.24

Statistical process to analyse data

Grade for a point indicator 'P' is calculated as follows, on the scale of 10.

$$G_p = [(5 * N_{p5} + 4 * N_{p4} + 3 * N_{p3} + 2 * N_{p2} + N_{p1})/N] * 2$$

N = Number of students who have submitted response to the point indicator 'P'.

N_{p5} = Number of students who have given 5 marks to the point indicator 'P'.

N_{p4} = Number of students who have given 4 marks to the point indicator 'P'.

N_{p3} = Number of students who have given 3 marks to the point indicator 'P'.

N_{p2} = Number of students who have given 2 marks to the point indicator 'P'.

N_{p1} = Number of students who have given 1 mark to the point indicator 'P'.

Student suggestions to improve the syllabus:

- Should be given more practical exposure
- Should have sufficient reference book material.
- Should be given sufficient and proper time to prepare for the subjects

Improvement Action Plan:

- Outside posting and new equipment has been purchased to solve the problem
- Reference book already ordered
- Look into the detail of time management by subject teacher



Optom. Jaydevsinh Pargara
Head of Dept. (Optometry)

**BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCE,
CHARUSAT
EMPLOYER FEEDBACK ON CURRICULUM ANALYSIS REPORT AY 2021-2022**

Curriculum feedback quantitative analysis

Total Number of feedback received=04

Point No.	Curriculum Feedback Criteria (Academic Peer)	Grade (G) (10)
1	Technical knowledge and the skills of the students are up to date.	8.11
2	Curriculum provides adequate knowledge and training to the students.	9.03
3	Curriculum has rich contents which ensures problem solving, leadership & managerial skills.	8.33
4	Students maintain good interpersonal relations with their colleagues and seniors.	9.55
5	Students volunteer themselves for new initiations of organization.	9.33
6	Students mold themselves as per need of organization.	8.55
7	Curriculum facilitated students to attain the desired competency level.	9.11
8	Curriculum enriched the moral values among students.	8.55
9	Curriculum transaction sensitized them about team work.	9.55
10	Communication skills of students are good.	8.55

Statistical process to analyse data

Grade for a point indicator 'P' is calculated as follows, on the scale of 10.

$$G_r = [(5 * N_{r_5} + 4 * N_{r_4} + 3 * N_{r_3} + 2 * N_{r_2} + N_{r_1}) / N] * 2$$

N = Number of students who have submitted response to the point indicator 'P'.

N_{r₅} = Number of students who have given 5 marks to the point indicator 'P'.

N_{r₄} = Number of students who have given 4 marks to the point indicator 'P'.

N_{r₃} = Number of students who have given 3 marks to the point indicator 'P'.

N_{r₂} = Number of students who have given 2 marks to the point indicator 'P'.

N_{r₁} = Number of students who have given 1 mark to the point indicator 'P'.

Employer suggestions to improve the syllabus:

- No suggestions received from the employer as they were satisfied with adequate knowledge

Improvement Action Plan:



Optom. Jaydevsinh Pargara
Head of Dept. (Optometry)

**BAPUBHAI DESAIBHAI PATEL INSTITUTE OF PARAMEDICAL SCIENCE,
CHARUSAT
FEEDBACK ON CURRICULUM ANALYSIS REPORT (ACADEMIC PEER)
AY 2021-2022**

Curriculum feedback quantitative analysis

Total Number of feedback received=06

Point No.	Curriculum Feedback Criteria (Academic Peer)	Grade (G) (10)
1	Content of syllabus	8.5
2	Relevance of syllabus to industry/research requirements	7.5
3	Course outcomes are well defined	8.5
4	Sufficient reading materials and digital resources provided	9.0
5	Incorporation of advanced topics	8.5
6	Pedagogy proposed	9.0
7	Have a desired balance between theory and practical	7.5
8	Assessment methods are fair, measuring the outcomes	9.5
9	Project component in the course, if applicable	8.5
10	Industrial training/ practical exposure in the course, if applicable	8.0

Statistical process to analyse data

Grade for a point indicator 'P' is calculated as follows, on the scale of 10.

$$G_p = [(5 * N_5 + 4 * N_4 + 3 * N_3 + 2 * N_2 + N_1) / N] * 2$$

N = Number of students who have submitted response to the point indicator 'P'.

N₅ = Number of students who have given 5 marks to the point indicator 'P'.

N₄ = Number of students who have given 4 marks to the point indicator 'P'.

N₃ = Number of students who have given 3 marks to the point indicator 'P'.

N₂ = Number of students who have given 2 marks to the point indicator 'P'.

N₁ = Number of students who have given 1 mark to the point indicator 'P'.

Academic peer's suggestions to improve the syllabus:

Syllabus should have equal weightage between theory and practical and also meet the industry standards

Improvement Action Plan:

- Few theoretical topics from the core optometry subject will convert into the practical.
- Industry training and visit will be organized.



Optom. Jaydevsinh Pargara
Head of Dept. (Optometry)

IQAC Minutes of Meeting

Date: 09/07/2022

Time: 2:00pm – 3:30pm

Venue: IQAC CELL, BDIPS

Opening: Dr. Artee Tyagi (IQAC coordinator)

Attendees:

Name	Designation	Department
Dr. Artee Tyagi	IQAC Coordinator, Assistant Professor	MLT
Dr. Dhara N Patel	HOD, Assistant Professor	MLT
Optom. Jaydevsinh Pargara	HOD, Assistant Professor	Optometry
Mrs. Dolly Sharma	HOD, Assistant Professor	MIT
Mr. Manna Debnath	IQAC member	MIT
Mr. Akhlaque Ahmad	HOD, Assistant Professor	OTAT

Agenda: Discussion on continuous internal evaluation of students

Outline 1: Continuous internal evaluation for theory

Discussion:

- There must be one uniform pattern for continuous internal evaluation of students

Suggestions and Resolution:

- For theory, the evaluation pattern needs to be changed. Instead of two internal exams and one remedial exam, there is need of continuous assessment.
- Therefore, the new internal assessment pattern discussed with all Heads is as follows:

Parameters for evaluation	Marks (Total 30 marks)	Points to be noted
Unit test (minimum three)	15	All Unit test will be conducted by course coordinator. The progress of the students will be shared to the parents especially targeting slow learners.
Internal exam	10	Internal exam will be one month prior to external exam. Internal exam will be scheduled after course completion review.
Attendance	5	≥75% presence= 5 marks 60-74% presence=4 marks <60% presence= 3 marks
Assignment (Optional)	-	Assignment and Seminar can be used for evaluation of those students who didn't passed in unit test and internal exams.
Seminar (Optional)	-	



Outline 2: Continuous internal evaluation for laboratory and practical's

Discussion:

- Define the evaluation parameters in practical subject department wise and the same must be followed for assessment of students.

Suggestions and Resolution:

- All Head will submit their evaluation parameters for practical examination system after discussing with their faculty and it will be submitted to IQAC cell and the same will be shared to the students.

The discussed points were reviewed and approved by Principal Sir.

Thanking You.

Regards,



Dr. Artee Tyagi
IQAC coordinator
BDIPS, CHARUSAT



Dr. Darshan Patel
Principal
BDIPS, CHARUSAT