

CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
STUDENT FEEDBACK ANALYSIS REPORT
AY 2018-2019

Date: 13/06/2019

Department: Operation theatre and Anaesthesia technology
Program: BOTAT

Curriculum feedback quantitative analysis

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1.	Course structure	8.53
2	Depth of the course content	8.13
3	Learning values (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	8.13
4	Compatibility with industry standards	7.67
5.	Compatibility with current global scenario of academics	7.80
6.	Compatibility with the real life situation	8.13
7.	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	7.87
8.	Sufficient reference material and books are available for the topics mentioned in the syllabus	7.73
9.	Overall Rating	8.40
Average Grade point (10)		8.04

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:

- No suggestions

Certified By:

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STUDENT FEEDBACK ANALYSIS REPORT
AY 2018-2019

Improvement Action Plan:

- We have to increase the number of MOUs and linkages with hospital for students, ^{clinical} practices and internship. As there is ~~increase~~ rise in new students for this course.
- Upgradation of skill lab.

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CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
STUDENT FEEDBACK ANALYSIS REPORT
AY 2018-2019

Date: 15/06/2018

Department: Medical Laboratory Technology
Program: BSMLT

Curriculum feedback quantitative analysis

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1.	Course structure	9.33
2.	Depth of the course content	9.00
3.	Learning values (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	9.00
4.	Compatibility with industry standards	8.67
5.	Compatibility with current global scenario of academics	9.33
6.	Compatibility with the real life situation	8.67
7.	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	9.33
8.	Sufficient reference material and books are available for the topics mentioned in the syllabus	9.67
9.	Overall Rating	9.00
Average Grade point (10)		9.11

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'.


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STUDENT FEEDBACK ANALYSIS REPORT
AY 2018-2019

Student suggestions to improve the syllabus:

- More practical practices

Improvement Action Plan:

- Improvement in practical learning by hands on training.
- Curriculum framing as per suggestions of BOS members & teaching faculty (departmental).



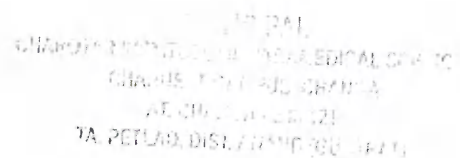
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STUDENT FEEDBACK ANALYSIS REPORT
AY 2018-2019

Date: 12/06/2019

Department: Medical Imaging Technology
Program: BMIT

Curriculum feedback quantitative analysis

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1.	Course structure	7.69
2	Depth of the course content	7.49
3	Learning values (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	7.74
4	Compatibility with industry standards	7.59
5.	Compatibility with current global scenario of academics	7.54
6.	Compatibility with the real life situation	7.54
7.	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	7.49
8.	Sufficient reference material and books are available for the topics mentioned in the syllabus	7.59
9.	Overall Rating	7.59
Average Grade point (10)		7.58

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'.

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STUDENT FEEDBACK ANALYSIS REPORT
AY 2018-2019

Student suggestions to improve the syllabus:

- Syllabus is enough to learn.
- Majority with no suggestions
- More practical need to added

Improvement Action Plan:


- We signed MOU with different imaging centers & hospitals to increase the Open exposure to students & will be continued as per the increasing strength of students
- Career guidance by the expertise of MIT field.



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**STUDENT FEEDBACK ANALYSIS REPORT
AY 2018-2019**

Date: 14/06/2019

**Department: Medical Laboratory Technology
Program: MSMLT**

Curriculum feedback quantitative analysis

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1.	Course structure	8.33
2.	Depth of the course content	8.00
3.	Learning values (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	7.17
4.	Compatibility with industry standards	6.17
5.	Compatibility with current global scenario of academics	7.17
6.	Compatibility with the real life situation	7.33
7.	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	7.17
8.	Sufficient reference material and books are available for the topics mentioned in the syllabus	7.00
9.	Overall Rating	7.67
Average Grade point (10)		7.33

Statistical process to analyse data

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

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 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:

- No suggestions

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STUDENT FEEDBACK ANALYSIS REPORT
AY 2018-2019

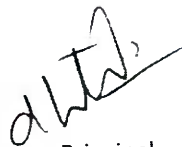
Improvement Action Plan:

- Scheduling hours (daily) for clinical laboratory training under the guidance of an expert.
- Organizing series of lectures for the prepⁿ of competitive examⁿ.
- Hands on training w.r.t to advance techniques in diagnostic.
- Laboratory development (micro lab) will help the students to get clinical exposure.
- Guiding the students for summer ~~into~~ internships.


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CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
STUDENT FEEDBACK ANALYSIS REPORT
AY 2018-2019

Date: 14/06/2019

Department: Optometry
Program: BOP

Curriculum feedback quantitative analysis

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1.	Course structure	8.86
2.	Depth of the course content	8.43
3.	Learning values (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	8.71
4.	Compatibility with industry standards	8.00
5.	Compatibility with current global scenario of academics	8.43
6.	Compatibility with the real life situation	8.29
7.	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	8.43
8.	Sufficient reference material and books are available for the topics mentioned in the syllabus	8.00
9.	Overall Rating	8.29
Average Grade point (10)		8.38

Statistical process to analyse 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'.


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'.


 Head of Optometry Dept.
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AY 2018-2019

Student suggestions to improve the syllabus:

- Required more books related to syllabus in library
- Everything is good
- Nothing to change because everything is going to be okay.
- Keep the syllabus flexible.
- Increase number of class rooms


Improvement action plan:

Library Resources are Strengthened by increasing the budget amount. more number of journal subscription has been done. Action has taken on syllabus improvement by converting few theory classes (Application based) into practical teaching. Research Project and Evidence based Practice has implemented to give insight of Research. Further improvement will be taken as per the stake holders suggestions.


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Curriculum feedback analysis and action taken report

Sr. No.	Stakeholder	Feedback	Action Taken
1.	Clinician/ Practitioner	<p>Students should be posted to biomedical department as well in clinical postings to learn all trouble shooting procedure and more involvement of clinical experts.</p> <p>Optometry students must get speciality optometry clinic exposure.</p>	<p>Students were guided by the experts for the usage of biomedical instruments and equipments.</p> <p>Linkage developed with Nishant Eye Hospital and Santram Eye Hospital for the benefit of Optometry students.</p>
2.	Academic peers	<p>One week of orientation program must be followed in every semester.</p> <p>Log book with defined objective should be handed over to students and should be regularly assessed.</p>	<p>One week orientation program will be commenced for the first semester students from upcoming academic year and will be reviewed.</p> <p>Log book usage initiated and regularly assessed by the subject teachers.</p>
3.	Research scientists	<p>Outcome based dissertation must be there.</p>	<p>Senior scientists from pharmaceutical background were invited and students were exposed to the recent advancements in the pharma industries. They also counselled the students for research thrust areas. They shared their research journey in progress</p>

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AY 2018-2019

			of their industry.
4.	CHARUSAT teachers	Skill improvement by regular clinical internship for UG students and summer internship or clinical training for PG students	<p>Skill lab developed within institute and started for first year students.</p> <p>Outside clinical linkages developed more as per the strength of students.</p> <p>Three month clinical training scheduled for PG students.</p> <p>BLS training workshop organized and students benefitted for their paramedic profession.</p> <p>Students were encouraged to participate in summer internship.</p>
5.	Parents	Demanding to introduce PG programs in other department of paramedical sciences.	Discussed with departmental head and planned to propose in next academic year.
6.	Present students	More practical and clinical exposure needed	<p>Improvement in hand on practical learning undertaken.</p> <p>Workshop focussing advance technique planned for skill development.</p> <p>Optometry students were taken to CARE group at Baroda for more industrial exposure.</p> <p>Skill lab development within</p>

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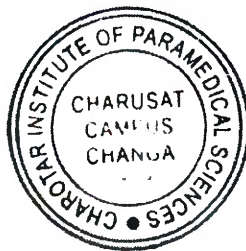
**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCES**



AY 2018-2019

			institute for first year students will help them to understand their role as an allied health professional.
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**Dr. Darshan H. Patel
Principal
CIPS, CHARUSAT**



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CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF MEDICAL SCIENCES
CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCES (A Constituent of CHARUSAT)
DEPARTMENT OF MEDICAL LABORATORY TECHNOLOGY

A REPORT ON GUEST LECTURE SERIES FROM PHARMA INDUSTRY
30th NOVEMBER, 2018

Department of Medical Laboratory Technology from Charotar Institute of Paramedical Sciences (CIPS), a constituent of CHARUSAT has organized a series of guest lecture. The visiting faculties are well known and reputed individuals from pharma background. The lectures were planned with motifs of 1.) Exposing the students to the recent advancements in the pharma industries, 2.) Role of medical technology students in the pharma industries 3.) Introducing our students to the pharma individuals for commencing their dissertation training or summer training and 4.) As a part of their curriculum. The details of the invited guests are as below:

Sr. No.	Name	Designation	Industry	Topic of the Lecture & Date	Targeted Audience
1.	Mr. Arun Singh	Deputy General Manager	Zydus Research Centre Cadila Healthcare Ltd. Ahmedabad	Recombinant Proteins in Biopharmaceutical 30 th November 2018, Thursday	B.Sc. Medical Technology (1 st Sem) and M.Sc. Medical Technology (1 st & 3 rd Sem)

Certified By:



Lecture presented by Mr. Arun Singh was specifically about Recombinant Proteins in Biopharmaceutical. Mr. Arun Sigh guided the students through the journey of drug still in experiment and then its emergence as effective drug in the market. The whole process of drug development and various experiments to prove it the effective drug was shared by him.

Guest spend whole day with our students and poured the every inch of knowledge they were having in their field. The sessions were interactive and the forum was open for question and answers during the session and after the session. The students query was solved and their young mind were ignited. They were provided with the perspective on how to work in the pharma companies and what is the importance of good laboratory practice, standard operating procedures, quality control, quality assurance, etc.

The sessions were fruitful for students as they got an idea for a different perspective for their career. The program was successfully conducted under the flagship and guidance of Dr. Darshan H. Patel. All the necessary provision was made by Dr. Dhara N. Patel.

50 Students from Department of MLT participated in the Guest lecture series.

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2020

Charotar University of Science & Technology Mail - Guest lectures in CIPS



Artee Tyagi <arteetyagi.cips@charusat.ac.in>

Guest lectures in CIPS

1 message

Wed, Nov 21, 2018 at 9:19 AM

dhara patel <dharapatel.cips@charusat.ac.in>
To: Artee Tyagi <arteetyagi.cips@charusat.ac.in>, Amita Patel <amitapatel.cips@charusat.ac.in>, Debayan Baidya <debayanbaidya.bt@charusat.ac.in>, Dhara Jajal <dharajajal.cips@charusat.ac.in>, Rekha Akhani <rekhaakhani.cips@charusat.ac.in>, Jaydevsinh Pargara <jaydevsinhpargara.cips@charusat.ac.in>, Dolly Sharma <dollysharma.cips@charusat.ac.in>, Rashmi Salunke <rashmisalunke.cips@charusat.ac.in>, Alkesh Patel <alkeshpatel.phys@charusat.ac.in>, Meenakshi Tulsyan <meenakshitulsyan.cips@charusat.ac.in>, yogesh vaghela <yogeshvaghela.cips@charusat.ac.in>, Manna Debnath <mannadebnath.cips@charusat.ac.in>, vasvi parmar <vasviparmar.cips@charusat.ac.in>
Cc: Darshan Patel <darshanpatel.bt@charusat.ac.in>

Dear All,
We have organised series of guest lectures @ CIPS for our students (especially MT).
The theme of the lecture is Bio pharmaceuticals which is part of their curriculum.
The schedule is herewith attached and students other than MT if they are interested they may also join.

—
Regards

Dr. Dhara N. Patel
Assistant Professor
MLT Department
CIPS
CHARUSAT

schedule for guest lecture november 2018.docx
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Recombinant protein in Bio-pharmaceuticals

30th November 2018



Figure 3 - Addressing the delegates about the benefits of drug delivery

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DR. T. ANAND
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CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCES, CHARUSAT
DEPARTMENT OF MEDICAL LABORATORY TECHNOLOGY

GUEST LECTURE SERIES FROM PHARMA INDUSTRY
28th & 30th NOVEMBER, 2018

RESOURCE PERSON DETAIL



Name: Mr. Arun Singh

Designation: Deputy General Manager, Zydus Research Centre,
Cadilla Healthcare Ltd. Ahmedabad

Mob. No. 9909919971

Email ID: arunsingh@zyduscadilla.com

Topic: Recombinant Proteins in Biopharmaceutical

Date & Day : 30th November 2018, Thursday

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Contact

www.linkedin.com/in/arun-singh-ph-d-b34a6193 (LinkedIn)

Top Skills

molecular biology

ELISA

Pharmacokinetics

Languages

English

Arun Singh Ph.D

General Manager and Head, Clone development and Immuno analytical Biotechnology at Zydus Cadila Healthcare Limited
Ahmedabad

Summary

Experienced professional with a demonstrated history of working in the biotechnology industry. Skilled in Good Laboratory Practice (GLP), Vaccines, Biotechnology, Cell Culture, and U.S. Food and Drug Administration (FDA). Strong operations professional with a Ph.D focused in Biotechnology from Sardar Patel University.

Experience

Zydus Cadila Healthcare Limited
General Manager, Biotechnology R&D
October 2019 - Present (1 year 4 months)

Zydus cadila. Biotechnology R&D
Deputy General Manager
April 2015 - September 2019 (4 years 6 months)
Deputy General Manager and Head Clone Development and Bioanalytics assay development.

Zydus Cadila
Principal Scientist / Senior Manager
July 2011 - March 2015 (3 years 9 months)
Ahmedabad Area, India

Etna Biotech Srl, Catania, Italia
Head, R&D Center
December 2008 - June 2011 (2 years 7 months)

Zydus Cadila
Research Scientist
July 2002 - December 2008 (6 years 6 months)

Central Salt and Marine chemicals Research Institute, CSIR
Project assistant

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August 2001 - July 2002 (1 year)

Education

Sardar Patel University, Vallabh Vidyanagar
Doctor of Philosophy - PhD, Biotechnology

Department of Biosciences, Sardar Patel University
Master of Science - MS, Biotechnology · (1999 - 2001)

M&N Virani Science College
Bachelor of Science (B.Sc.), Biochemistry · (1996 - 1999)

NIIT

Honours diploma in systems management, Computer
Programming · (1995 - 1998)

Kendriya Vidyalaya

12th, Science · (1986 - 1993)

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Charotar University of Science and Technology
Faculty of Medical Sciences
Charotar Institute of Paramedical Sciences (CIPS)



Instrumentation Facility

Darkroom

Room No – 330 (3rd floor CIPS)

The list of equipment available under the facility are as follows –

Sl. No.	Name of equipment/ Instrument	Department	Year of establishment/ procurement
1	Spectrometer (3)	CIPS	2018-2019
2	Newton's Ring Experiment	CIPS	2018-2019
3	Determination of Malus' Law	CIPS	2018-2019
4	Resolution of Telescope	CIPS	2018-2019
5	Determination the Laser Wavelength	CIPS	2018-2019

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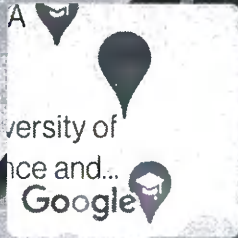
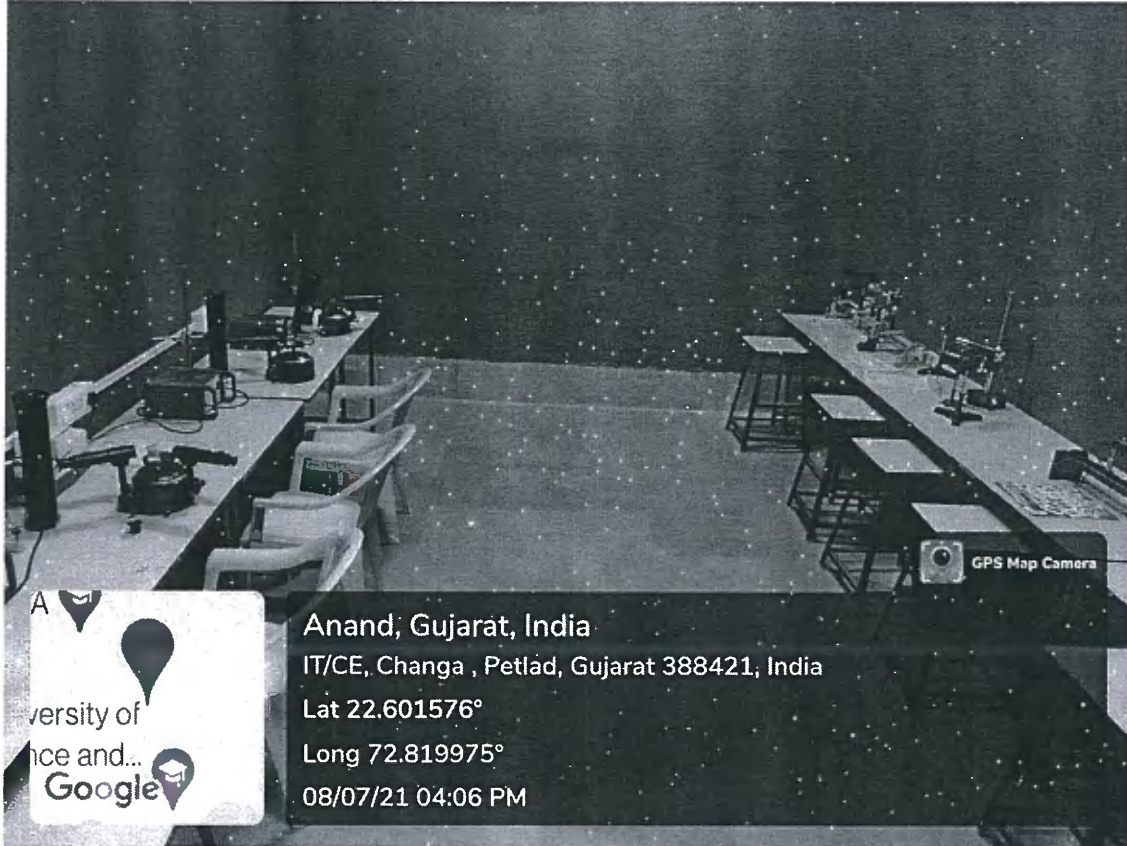
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Charotar University of Science and Technology
 Faculty of Medical Sciences
 Charotar Institute of Paramedical Sciences (CIPS)



Photograph of the Facility



Anand, Gujarat, India
 IT/CE, Changa , Petlad, Gujarat 388421, India
 Lat 22.601576°
 Long 72.819975°
 08/07/21 04:06 PM

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Charotar University of Science and Technology
Faculty of Medical Sciences
Charotar Institute of Paramedical Sciences (CIPS)



Description:

Sr. No	Name of the equipment	Specification	Clinical Use
1	Spectrometer (3)	Spectrometer (INDOSAW SK024)- Collimator, Prism Table, Telescope, Mercury and sodium light sources	To determine the refractive index of prism materials.
2	Newton's Ring Experiment	Newton's ring apparatus – Microscope unit with 30 X magnification, eye piece, Plano-convex lens. Optical flat glass, Sodium light source.	To determine the wavelength of sodium light.
3	Determination of Malus' Law	Optical bench -100 cm long, Halogen lamp, Double convex lens, Polarizer and analyser, Photovoltaic cell, Microammeter (0-0.050 mA)	To verify the Malus law for plane polarized light.
4	Resolution of Telescope	Reading telescope, Black and white stripes with separation of 0.5 mm, 1 mm and 2.5 mm, Lamp 100 W, Inch tape (5 meter), Yellow filter lens.	Determination of the resolving power of telescope.
5	Determination the Laser Wavelength	Laser source (630 nm), Transmission type grating (100 lpmm, 300 lpmm, 600lpmm) Screen/Graph paper and scale	Determination of the wavelength of laser source.

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Faculty of Medical Sciences
Charotar Institute of Paramedical Sciences (CIPS)



Instrumentation Facility

Contact lens and Ophthalmic dispensing laboratory

Room No – 1.24 (CHRF Ground floor)

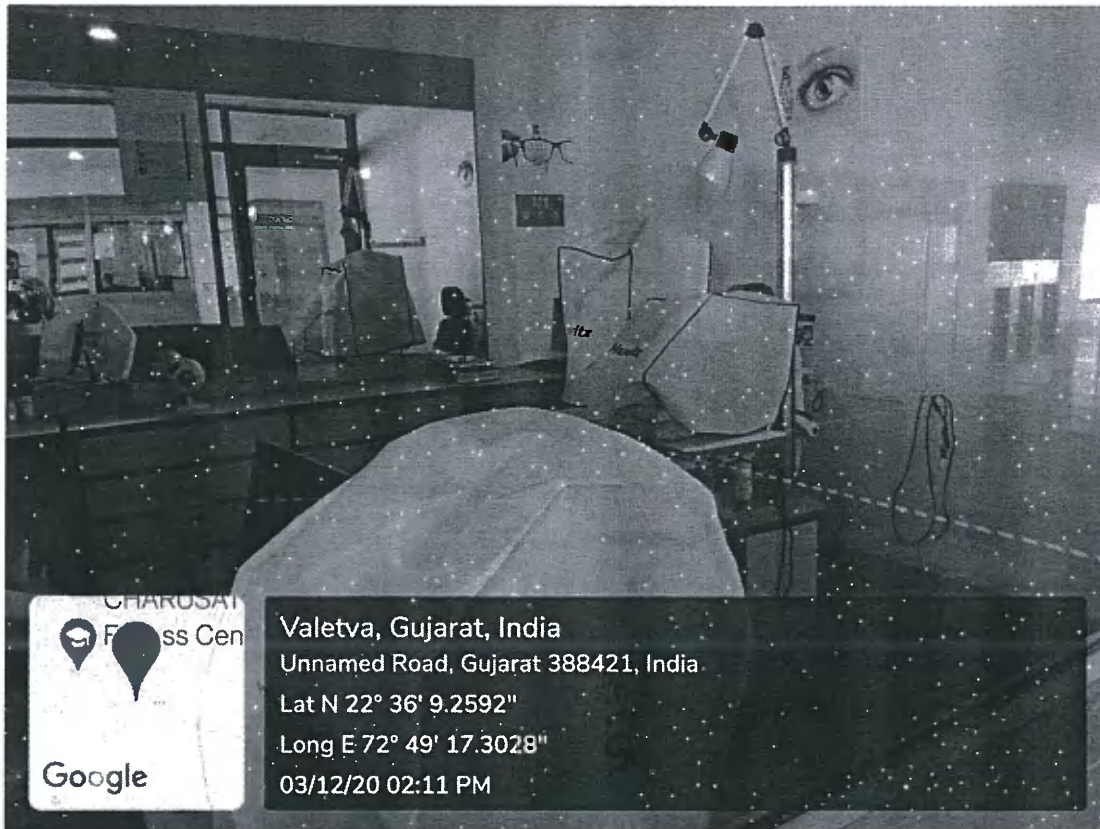
The list of equipment available under the facility are as follows –

Sl. No.	Name of equipment/ Instrument	Department	Year of establishment/ procurement
1	Slit lamp with digital camera	Optometry	2018 – 2019
2	Auto-refractometer	Optometry	2018 – 2019
3	Trail set	Optometry	2018 – 2019
4	Contact lens trial	Optometry	2018 – 2019
5	Ultraviolet and photochromatic meter	Optometry	2018 – 2019
6	Corneal Topographer	Optometry	2018 – 2019

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Photograph of the Facility



Contact Lens Dispensing Laboratory

Description:

Sr. No	Name of Instrument	Specification/Features	Clinical Use
1	Slit lamp with digital camera	Wide range of magnification level from 5X to 40X with different level of illumination attached with digital camera	To show the live eye examination To diagnose the various ocular disease of an eye
2	Auto-refractometer	Latest technology with blue filter to check the tear film	Helps to measure the refractive error of patients eye objectively and precisely
3	Trail set	Small aperture trail lens with least aberration in it	Use to check the subjective refraction
4	Contact lens trial	PMMA lens with wide range of base curve	For contact lens fitting and to finalize the final lens parameters
5	Ultraviolet and photochromatic meter	Range of UV, visible and IR spectrum	To check how much amount of UV light can be blocked by spectacle lens
6	Corneal Topographer	Uses Scheimflug technology to take high quality images of cornea	Use to detect corneal curvature and also in contact lens fitting

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Instrumentation Facility

Physics Lab

Room No – 345 (3rd floor CIPS)

The list of equipment available under the facility are as follows –

Sl. No.	Name of equipment/ Instrument	Department	Year of establishment/ procurement
1	Joule's constant (by electric method)	CIPS	2018-2019
2	Ohm's law	CIPS	2018-2019
3	Ultrasonic interferometer	CIPS	2018-2019
4	Determine Band gap of Semiconductor	CIPS	2018-2019
5	Newton's law of cooling	CIPS	2018-2019
6	Transistor Characteristics	CIPS	2018-2019
7	G M counter	CIPS	2018-2019
8	Power Factor Demonstrator	CIPS	2018-2019

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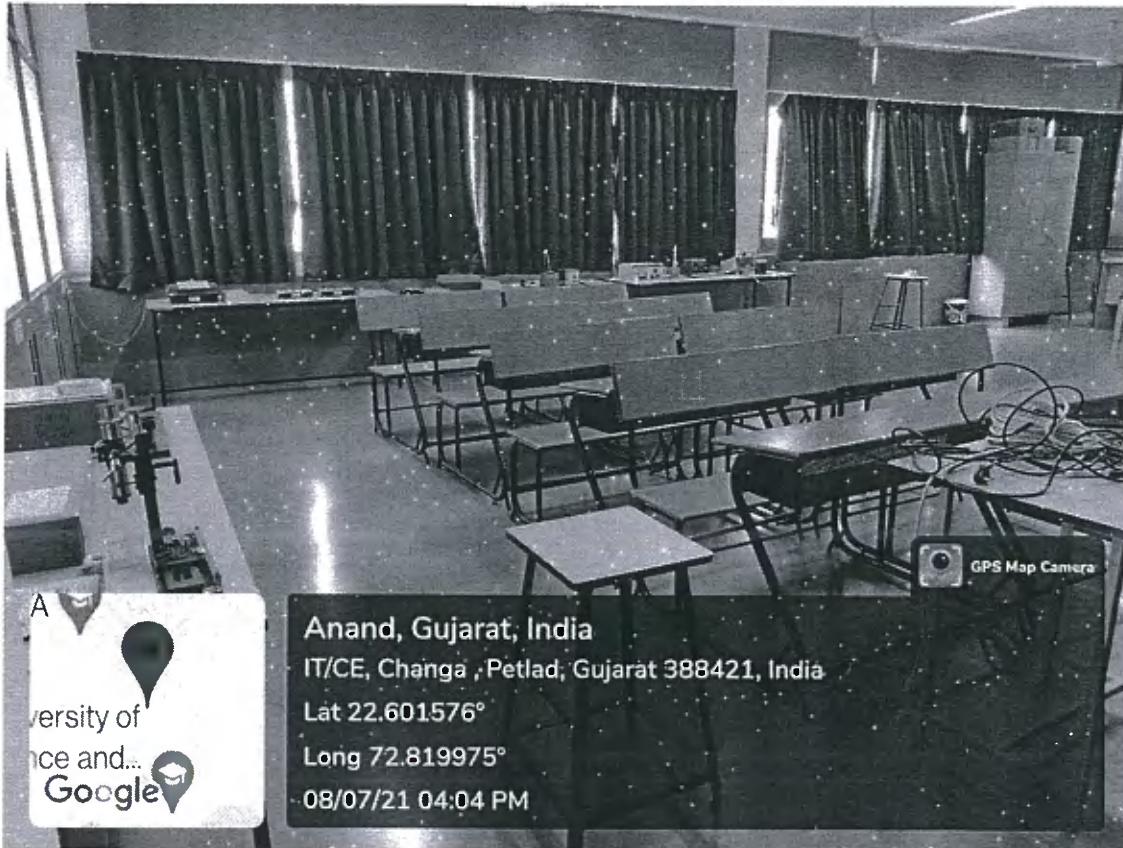

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Description:

Sr. No	Name of the equipment	Specification	Clinical Use
1	Joule's constant (by electric method)	Power supply – 0-11 V/ 0-1.5 A Accuracy – 0.1 % of reading 1 digit Dimension – H 120 X W 220 X L Calorimeter – Copper Container 140 ml	To determine mechanical equivalent heat (J) Joule's constant by electric method
2	Ohm's law	Experimental Training Kit, Connecting wire, DC voltmeter (0-20 V), DC Ammeter (0-50 mA)	Verify the Ohm's law for different value of resistor
3	Ultrasonic interferometer	High Frequency Generator (2MHz), Measuring Cell (20 mm, 12 c.c.)	To measure velocity of ultrasonic wave in liquid.
4	Determine Band gap of Semiconductor	2V DC power supply, Ammeter (0.2 mA DC), Semiconductor diode, Thermometer (0-110 °C)	To determine the band gap of semiconductor using a Junction diode
5	Newton's law of cooling	Calorimeter – Copper Container, 0-5 V DC battery eliminator, Digital stop watch, Thermometer (0-110 °C)	To verify the Newton's law of cooling for a given liquid medium
6	Transistor Characteristics	DC power supply (Fixed and variable) – 5 V, 12 V, 1.2 V and 10 V. Transistors – BC547 and BC557, Ammeter (0.001 – 200 mA), Voltmeter (1 mV – 200 V)	To study the characteristics of PNP transistor in common base configuration.
7	G M counter	Geiger Counting System (GC601 A), GM detector, Source kit (beta and gamma sources).	To study the characteristic of GM tube.
8	Power Factor Demonstrator	Power factor demonstrator (NVIS 7061)	Power factor determination of different electric circuit loads.

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Annual Report



Academic Year: 2018-2019



Annual Report 2018-2019, CIPS-CHARUSAT

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CIPS JOURNEY SO FAR...

Charotar Institute of Paramedical Sciences (CIPS), a constitute of CHARUSAT, was established in the year 2015 with an aim to create next generation skilled health care professionals through quality education, extensive Clinical training to provide utmost excellence in health care delivery and Community services.

CIPS started with 3 undergraduate (UG) programs naming Bachelor of Science in Medical Imaging Technology (BMIT), Bachelor of Science in Operation Theater and Anesthesia Technology (BOTAT), Bachelor of Optometry in the academic year 2016-2017 and one PG (postgraduate) program MSMLT (Master of Science in Medical Laboratory Technology) in the academic year 2017-2018.

In this Academic year 2018-2019, CIPS introduced one more new UG (undergraduate program) naming BSMT (MLT) (Bachelor of Science in Medical Technology (Medical Laboratory Technology)) with four year duration.

The UG programs were of four year duration (3 year of Academics and 1 year of clinical internship) and the PG program is of 2 year duration (1 year academics and I year research)

Vision:

“To be a leading institute in the field of Allied Health Sciences with amalgamation of best Education, Research and Patient care.”

Mission:

“To prepare skilled allied health care professional by high standard of education delivery, extensive clinical exposure and research.

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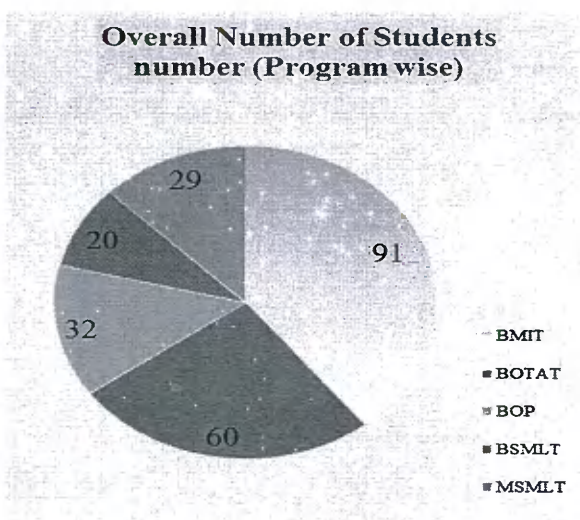
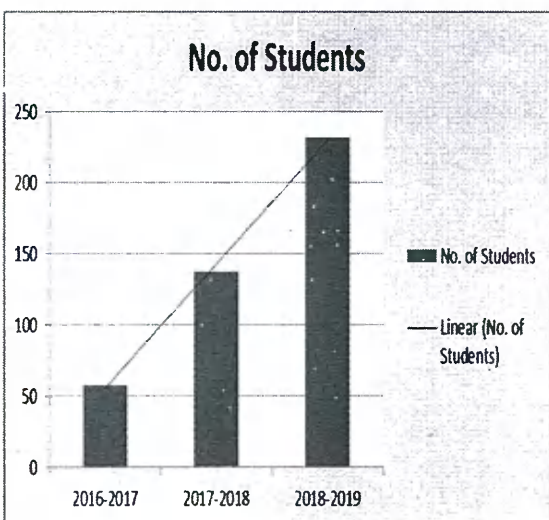
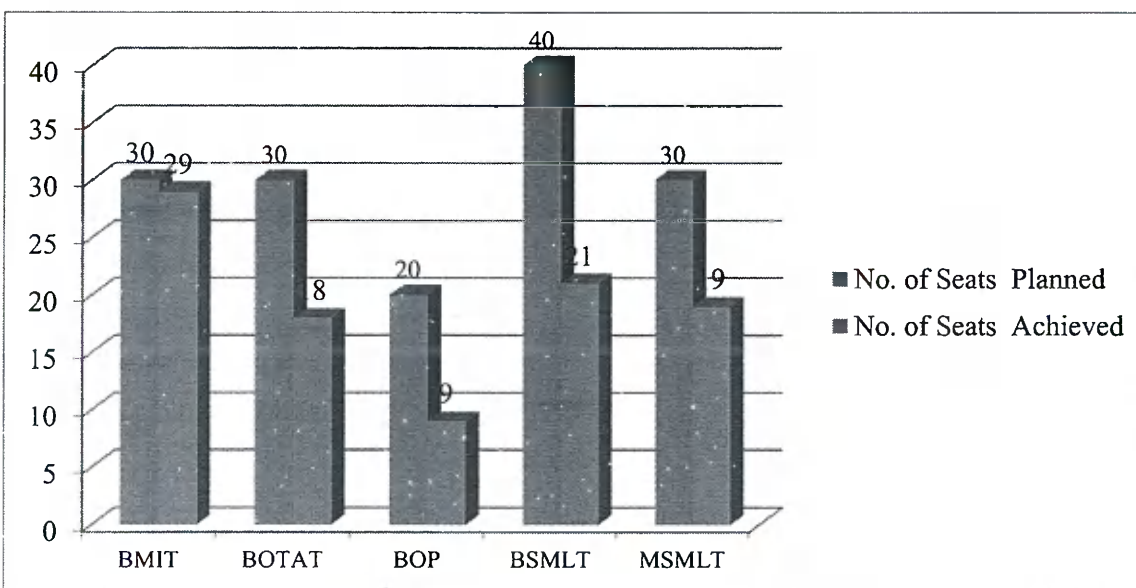
Admission Criteria

Eligibility criteria for all programs (BMIT, BOTAT, BOP) is $\geq 50\%$ in PCB of 12th class and more than 60% students enrolled with more than 50% PCB marks

Eligibility criteria for PG program is ≥ 5 CGPA in UG and all students enrolled with 5 CGPA and above.

Student Enrollment

Ninety six students enrolled in the academic year 2018-2019.

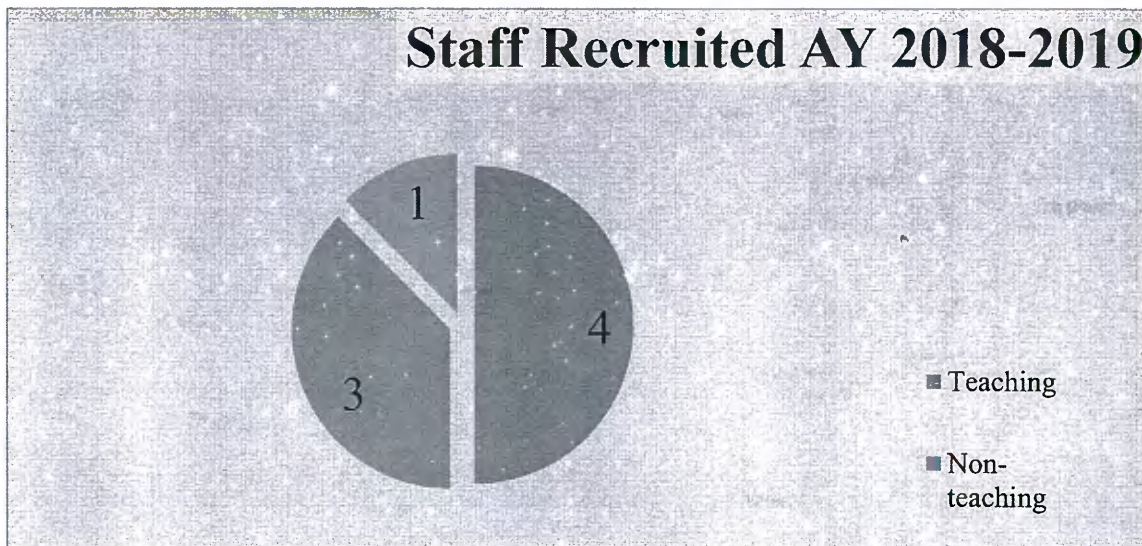
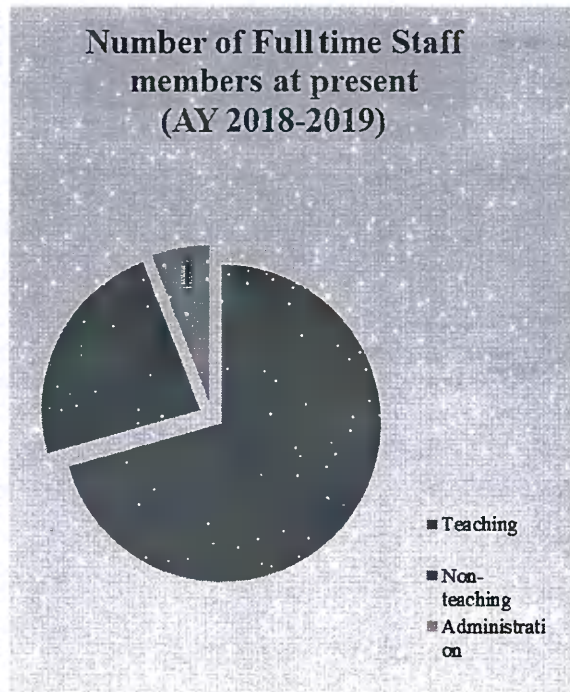
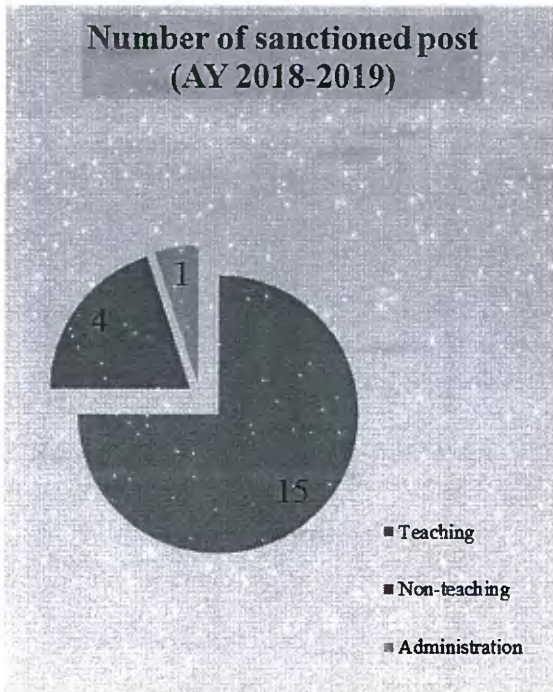


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Faculty Strength

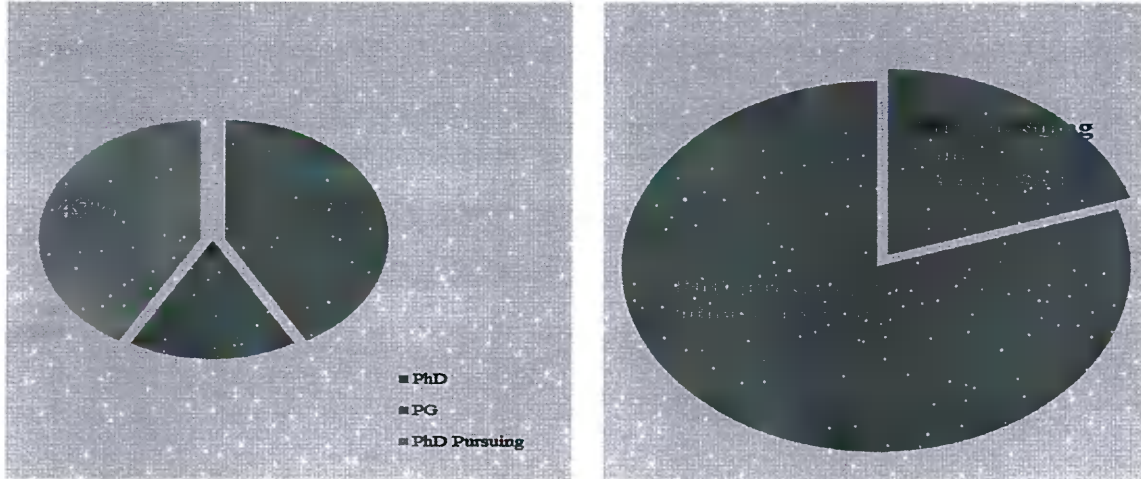
- Four specialized teaching faculty and three professional clinical instructors recruited with the domain knowledge and technical skills to impart and fulfill the students' key essential with our mission.
- One administrative staff recruited for the smooth flow of admin work.



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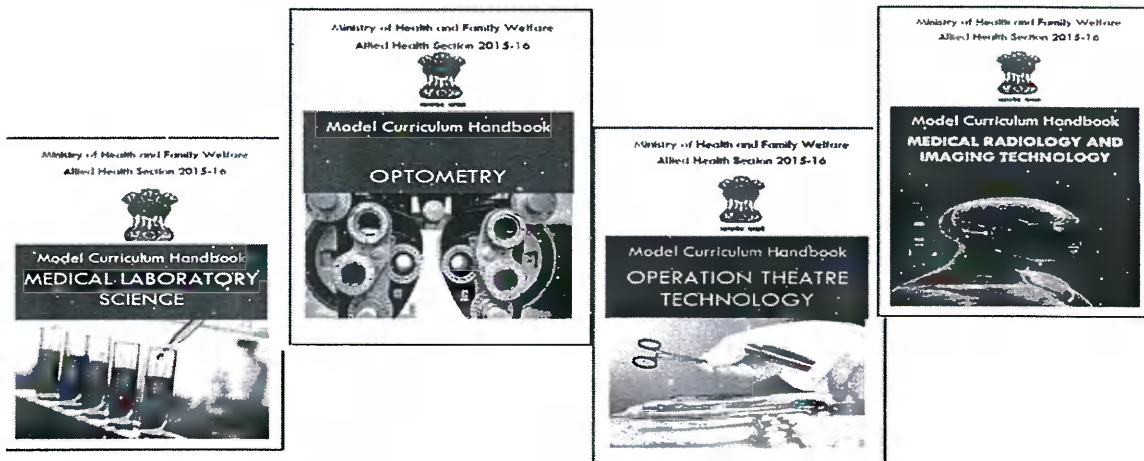
Bifurcation of teaching faculty



Curriculum Development

Teaching curriculum

- The core syllabus and teaching schemes were initially adopted from the national guidelines Ministry of Healthcare and Family Welfare (MoHFW), Allied Health Section 2015-2016.



- The choice based credit system learning adopted from the university.

- Therefore, the entire syllabus in all the programs of the institute is divided into three major components like:
 1. Core subjects
 2. Allied courses
 3. Elective, Soft skills & humanities
- Feedback from different stakeholders taken, analyzed and appropriate action taken for curriculum development.

Teaching Learning Evaluation

Teaching learning practices:

- **Outside Clinical postings**
 - Teaching curriculum framed with more number of clinical hours to train students for clinical services and patient care.
 - Practically involvement in the clinical and laboratory practices under the guidance of Doctors of respective discipline
 - Developing linkages and MOUs with advanced laboratories and hospitals for the clinical posting and internship of our students
- **Case studies and Presentations**
- Series of Guest lecture and interactive session with expertee focusing to the higher studies, research work and employability of students
- Regular classes for competitive examinations

No. of linkages developed for clinical posting:

- X-ray House, Anand, Gujarat
- Maha Gujarat Hospital, Nadiad, Gujarat
- Subham Clinical Laboratory, Surat, Gujarat

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- Gujarat Adani Institute of Medical Sciences (GAIMS) and G.K. general Hospital, Bhuj, Gujarat
- Krishna Medical Hospital and ICU, Surat, Gujarat
- Nova IVI Fertility, Ahmedabad, Gujarat
- Indian Red Cross Society, Godhra
- Sparsh ortho hospital, Nadiad
- Akshar gynec hospital, Nadiad
- Radhaswami multispeciality hospital, Nadiad
- Samip hospital, Nadiad
- Sanjay multispeciality hospital, Nadiad
- Shlok hospital, Nadiad
- Muljibhai Patel urology hospital, Nadiad
- Smit Orthopaedic Hospital & Dental Clinic, Anand
- Anand laparoscopy hospital, Anand
- Parimal hospital, Anand
- Himalaya hospital, Anand

Events organized under teaching learning practices:

1. Medical Imaging Technology department, CIPS organized **two day workshop on Basic life support (BLS)** for our students and staff to get exposed and learn the training as a part of paramedical profession teaching curriculum and faculty development program. On day one, the student learnt the basics of life support, Anatomy and physiology of Heart and 1 rescuer Adult B.L.S training and on second day students were trained in 2 rescuer Adult B.L.S training, AED and bag mask devices with skill test. Students were benefited & learnt Basic Life Support Techniques.

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BLS Workshop
Date – 29 and 30th of April 2019



Staff Practising Cardiopulmonary Resuscitation



Staff training students for One Rescuer Adult CPR



Student practising hands on CPR



Students learning stabilisation of patient

2. Operation theater and Anesthesia Technology department, CIPS celebrated the **Anesthesia Technician Day 2019** by inviting an professional Anesthetist “Dr. Hemlata Kamat” Professor at PSMC, Karamsad. She gave an eminent talk on “Recent advances in Anesthesia”. She briefly explained the recent anesthetic drugs in use in clinical care practice. Our BOTAT students actively participated in Quiz competition, Poster Presentation, Skit for CPR and making Video addressing role of healthcare personnel in emergency situation. Our chief guest showed active participation in student’s activity by guiding them the advanced leaning.

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3. Department of Optometry, CIPS celebrated the **World Optometry Day 2019** by organizing an event "Cuddles" at State level. . The event included invited talks from renowned experts from the field and poster competition on pediatric eye care theme.



4. Department of Medical Laboratory Technology, CIPS has organized a **series of guest lecture from pharmacy background**. The lectures were planned with motifs of 1.) Exposing the students to the recent advancements in the pharma industries, 2.) Role of medical technology students in the pharma industries 3.) Introducing our students to the pharma individuals for commencing their dissertation training or summer training and 4.) As a part of their curriculum. Dr. Velmurugan Ramasamy, Senior Scientist at Century Pharmaceuticals Ltd. Vadodara and Mr. Arun Singh, DGM at Zydus Research Center and Cadila Healthcare Ltd. Ahmedabad were invited. The students got the idea for different perspective for their career.
5. A one day seminar on **"Mind Programming and Personality development in better placement"** was organized on 25th Sept 2018 for our students to motivate them towards building their career and to make them aware about mind programming in achieving their goals of life. Guest speaker Ms. Dulari Bhatt, Assistant professor, Gandhinagar Institute of Technology, Kalol was invited to conduct the seminar
6. Medical Laboratory Technology Department, CIPS arranged a **three day hands on training and proteomic workshop thorough with 2 Dimensional Gel Electrophoresis, Proteomic Bioinformatics and PD Quest software** on 8th August to 10th August 2018 in support with BioRad Laboratories. The workshop was beneficial for MLT students under and faculty under teaching learning curriculum and faculty development program.

7. Medical Laboratory Technology Department, CIPS has arranged one week lecture series under common entrance preparation (CEPC) cell from 9th Feb 2019 to 15th Feb 2019.

Extension Activities:

1. **Breast cancer awareness campaign** was organised by Women Development cell (WDC), CIPS with a theme “Early detection better decision” among female students and staff members of nearby schools in changa, nadiad, anand, damol, mehelav, napad . BMIT 5th semester students actively participated in spreading awareness about Breast cancer and its types, improvement in life style, food habits, imaging modalities available for early screening of breasts by poster presentation and demonstration of early detection of breast cancer. Few school mangament appreciated our work and published our session in the newspaper.



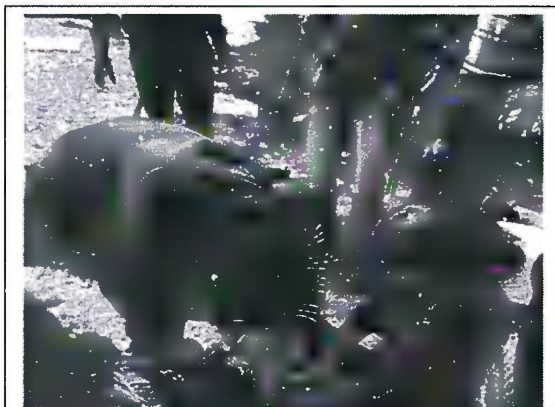
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2. CHARUSAT NSS Unit organized the **Independence Day 2018** celebration at CAMPUS, where CIPS students participated the activity under CREDP (Charusat Rural Education Development Program) cell.

3. Twenty BOTAT Students of 4th semester, as a part of BOTAT curriculum and for community healthcare training, participated in Health checkup camps organized by CHRF targeting rural area for the welfare of the community and to bring awareness among them. The event was organized from 19th march 2019 to 29th march 2019. Students helped staff nurses to check the patient's vitals, documentation and to give psychological support to them.

4. CHARUSAT NSS Unit organized an 7 day annual camp at Dabhau village from 16th to 22th January 2019. Five students from CIPS actively participated in the NSS Annual Camp. Student volunteers g opportunity to get real life experience of staying in rural area.



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Evaluation

- Internal and External Examination

The traditional method of assessment followed for semester wise assessment system for the theoretical subjects.

- Log book record, clinical examination, practical examination, case based discussion for assessing competent skills by subject expert.

UNIVERSITY EXAM RESULT

FIRST TERM 2017-2018

Program name	Semester	No. of students appeared	No. of students passed without backlog	No. of students with first class	No. of students with distinction
BMIT	5	32	27	7	15
BMIT	3	33	32	19	5
BMIT	1	27	22	7	15
BOTAT	5	10	10	4	3
BOTAT	3	32	22	3	3
BOTAT	1	21	20	2	10
BSMT	1	20	13	7	5
BOP	4	15	15	8	2
BOP	2	5	5	3	2
MSMLT	3	10	10	5	4
MSMLT	1	19	18	7	2

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SECOND TERM 2017-2018

Program name	Semester	No. of students appeared	No. of students passed without backlog	No. of students with first class	No. of students with distinction
BMIT	6	32	28	6	16
BMIT	4	33	21	15	5
BMIT	2	24	17	8	9
BOTAT	6	10	10	3	5
BOTAT	4	31	18	6	3
BOTAT	2	18	14	4	5
BSMT	2	20	16	7	5
BOP	5	15	14	7	2
BOP	3	5	5	3	2
BOP	1	9	8	8	2
MSMLT	4	10	10	5	4
MSMLT	2	19	19	9	3

Student Participation and Achievements

1. CIPS celebrated the Diwali 2018 with faculty and students by organizing an event "Pre Diwali Celebration". To bring out the essence of festival- celebration of life and goodness we have organized some competitions for students like Rangoli competition, Cartooning, Collage

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making, Photography. The students showcased the spirit by participating in the events and enjoyed the Pre Diwali celebration.



Student Achievements

Rank	Event title	Level	Type of activity	Name of the student	Date of award/ medal	Awarding agency
1st Prize	Science Excellence 2018	State	Poster presentation	Kumbhani Rushitaben Jentibhai	20 th Sept 2018	Gujarat University
				Savaliya Hiral Ashokbhai		
2nd Prize	Science Excellence 2018	State	Poster presentation	Dholu Dipti Naran		
				Patel Praptiben Hirenkumar		

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1st Prize	33rd Gujarat Science Congress	State	Poster presentation	Bera Jignasa Hareshbhai	3 rd Feb 2019	L.J. Institute of Applied Sciences
1st Prize	Science Manthan 2019	State	Poster presentation	Patel Dimpy Priteshkumar	5 th Jan 2019	PDPIAS, CHARUSAT
2nd Prize				Gandhi Pooja Ketankumar		
1st Prize	Science Manthan 2019	State	Poster presentation	Patel Nandniben Nitinkumar	5 th Jan 2019	PDPIAS, CHARUSAT
				Patel Riddhi Dineshbhai		
2nd Prize	Spoural 2019	University	Cultural	CIPS team	31 st Jan 2019	CHARUSAT
Runners up	4 th ICA India International T20 Championship -2019	National	Sports	Patel Vraj Sanjaybhai	26 th Jan 2019	-
3rd prize	World sight day 2018	State	Poster presentation	Team from BOP 4th SEM		Bhartimaiya college of optometry
1st Prize	Spoural 2019	University	Cultural	Bhavya Hingu	31 st Jan 2019	CHARUSAT
2nd Prize	Spoural 2019	University	Cultural	Team of BOTAT students	31 st Jan 2019	CHARUSAT
3rd prize	Cuddles-2019	State	Other Scientific	Team from BOP 3rd SEM	23 rd Mar 2019	CHARUSAT
1st prize	First regional conference	State	Poster presentation	Team from BMIT 6th SEM	07 th April 2019	ISRT

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3rd prize	First regional conference	State	Poster presentation	Team from BMIT 6th SEM	07 th April 2019	ISRT
1st Prize	Yoga Khel Mahakumbh	Disrtict	Sports	Patel Rudra	Aug-18	
1st prize	Anesthesia Technician Day 2019	Department	Poster presentation	Patel Rutvi, Patel Hepina, Patel Isha	1 st April 2019	CIPS
2nd Prize	Anesthesia Technician Day 2019	Department	Poster presentation	Patel Jay R, Patel Rudra, Patel Ritik	1 st April 2019	CIPS
1st Prize	Anti-ragging	Institute	Technical	Pooja Patel	28 th Jul 2018	CIPS
1st prize	Pre Diwali celebration	Institute	Rangoli	Kalindi Dalal	2 nd Nov 2018	CIPS
2nd Prize	Pre Diwali celebration	Institute	Rangoli	Nandniben Patel	2 nd Nov 2018	CIPS
1st Prize	Pre Diwali celebration	Institute	Cartooning	Riddhi Patel	2 nd Nov 2018	CIPS
2nd Prize	Pre Diwali celebration	Institute	Cartooning	Helly Bhanderi	2 nd Nov 2018	CIPS
1st Prize	Pre Diwali celebration	Institute	Photography	Meet Trivedi	2 nd Nov 2018	CIPS

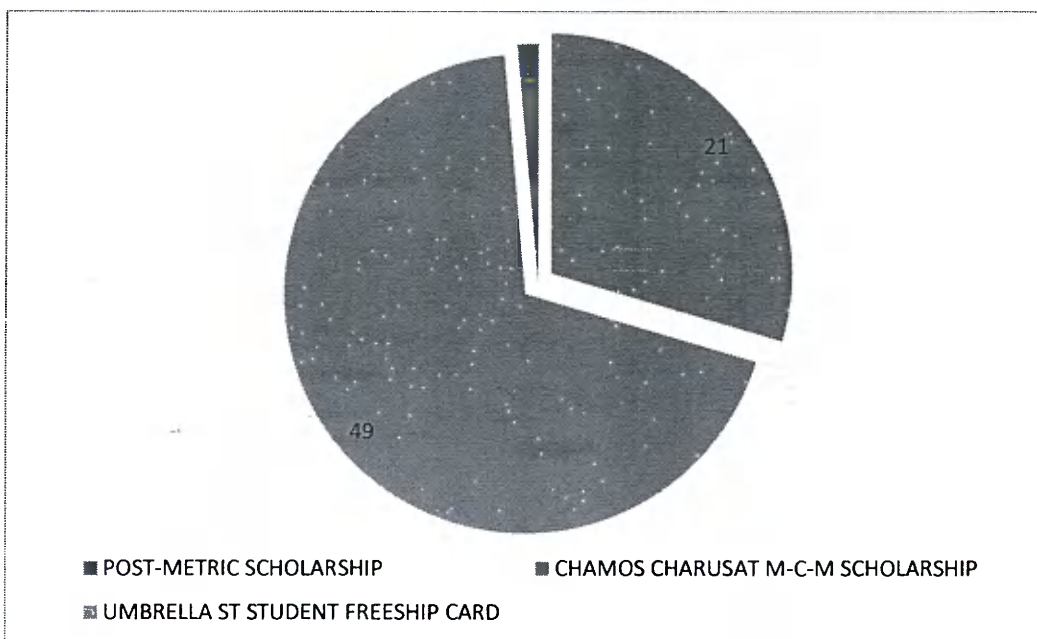
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Scholarships and fellowships

Seventy one students benefitted by scholarship aided by government as well as institutional agency.



Research and Publication: 03

Title of paper published	Name of the author/s	Department of the teacher	Name of journal	National/International	Name of the publisher
Characterization of low molecular weight urinary proteins at varying time intervals in type 2 diabetes	Dhara N. Patel ¹ and Kiran Kalia ^{2*}	Medical Laboratory Technology	Diabetology & Metabolic Syndrome	International	BioMed Central

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mellitus and diabetic nephropathy patients					
Variation In The Size Of Abdominal Aorta Measured On Computed Tomography	Dolly Sharma, priyanka Rao	Medical Imaging Technology	Asian Journal of pharmaceutical and Clinical Research (AJPCR)	National	Innovare Academic Sciences Pvt Ltd.
Column chromatography free purification of recombinant α -amylase from Bacillus licheniformis by tagging with hydrophobic Elastin Like Polypeptide	Rekha C. Akhani, Arti T. Patel, Manisha J. Patel, Samir R. Dedania, Jagdish S. Patel, Darshan H. Patel	Medical Laboratory Technology		National	Springer India

Faculty Participation

Faculty Development Program

- CIPS faculty members Optom Yogesh Vaghela and Dr. Dhara Patel participated in **four day Learner and Learning program** organized at CHARUSAT from 23rd Aug 2018 to 26th Aug 2018.
- Dr. Dhara N. Jajal and Mr. Manna Debnath attended the **one week teaching learning program entitled as “Multiple strategies for creativity, problem solving and innovation”** organized by CHARUSAT on 25th Nov to 1st Dec 2018.
- Dr. Artee Tyagi and Ms. Amita Patel participated **four day international conference on Reproduction, Endocrinology and Development** organized by Navrachna University from 18th Jan 2019 to 21st Jan 2019.
- Dr. Rekha Akhani attended the **three day soft skill development program** organized by CHARUSAT on 16th -18th Jan 2019.
- Dr. Dhara Jajal and Dr. Rekha Akhani participated in **33rd Gujarat Science Congress state level conference** held on 2nd – 4th Feb 2019.
- Dr. Dhara Jajal participate in **three day workshop entitled “Teaching, Learning, and Material Production for Participatory Learning”** organized by CHARUSAT held on 25th-27th June 2019.
- Optom Jaydev Paragara and Optom Yogesh Vaghela attended **national conference “Gravity-2019”** organized by Ansal University on 3rd Dec 2018.
- Dr. Dhara Patel attended the **international conference “Artificial intelligence in Biotech & Health care”** organized by Biotechnika info lab pvt ltd. On 1st-2nd Dec 2018.
- Optom Jaydevsinh Pargara attended the **state level workshop “Myopia control”** organized by Association of schools & colleges of optometry held on 9th Dec 2018.
- Dr. Dhara Patel earned National Programme on Technology Enhanced Learning (NPTEL) course certificate for **“Application of interotomics using genomics and proteomics technologies”** course.

Resource person/ Guest speaker

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- **Ms. Dolly Sharma, Head of Medical Imaging Technology Dept.,** invited at two national conference organized by ISRT/JNMC/KLES with a title as National CME in medical imaging innovation on 16th Sept 2018 and NITTE university with a title 2nd national conference of NITTE imaging technology on the road to medical imaging on 17th Feb 2019.
- **Ms. Dolly Sharma, Head of MIT and Mr. Manna Debanth** both were invited for an eminent talk at state level conference Annual Conference and CME Program of ISRT Ahmedabad Academic club organized by Indian Society of radiographers & Technologists on 7th April 2019.
- **Mr. Manna Debnath, MIT Dept.,** invited for a talk in National conference “NCISRT 2018” organized by ISRT & KGMU on 27th and 28th Oct 2018.
- **Dr. Dhara Patel, Dr. Rekha Akhani and Mr. Debayan Baidya** judged the State level Science Manthan 2019 held at CHARUAT on 5th Jan 2019.

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To

26.03.2019

The Registrar

Charusat University

Changa

Subject: Proposal for organizing Basic Life Support workshop (BLS) workshop for CIPS students and staffs

Respected sir

We would like to arrange BLS training workshop for our students and staffs as BLS is under our student's curriculum and they should be exposed and learn this training as a part of paramedical profession. We with Manikaka Topiwala Institute of Nursing (MTIN) are planning this workshop since few of their staffs are trained in BLS and required training kit is available with the institute and for that we have received positive approval from the institute. Workshop will be of two days from 29th and 30th of April 2019 with 65 participants and we are sure that this will be helpful for our students. Kindly do the needful.

Thanking you



Dr. Darshan H Patel

Principal

Charotar Institute of Paramedical Sciences (CIPS)

Charusat University

Changa

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Budget Proposal for Workshop

S. No	Items	Approx. Quantity	Approx. Amount
1.	Workshop Banner	1 (6' x 5' regular size)	500
2.	A5 size certificates	100	1000
3.	Tea and Snacks (biscuits)	80 participants	1500
		Total amount	3000

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BLS workshop report

Department of medical Imaging Technology, Charotar Institute of paramedical science (CIPS), organized two days Basic Life Support (BLS) workshop with Manikaka Topawala Institute of Nursing (MTIN) on 29th and 30th april 2019 for the students of CIPS. More than 100 students participated in this workshop and learnt Basic life Support techniques. The two days workshop was coordinated by Mrs. Dolly Sharma, Assistant professor, Dept. of medical Imaging Technology, CIPS and Mr. Anil Patidar, Assistant professor from MTIN, CHARUSAT.

Training during the workshop was given Mr. Anil Patidar and Mr. Divya jain who are trained faculties from the Manikaka Topawala Institute of Nursing (MTIN). On first day the workshop involved Introduction of basic life support & Anatomy and physiology of Heart and 1 rescuer Adult B.L.S training and on second day students were trained in 2 rescuer Adult B.L.S training, AED and bag mask devices with skill test. Students were benefited & learnt Basic Life support Techniques.

During the workshop participants were awarded with participation certificate. We appreciate the efforts of Staffs and participants in successfully completing this workshop.

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A REPORT ON INDUSTRY VISIT AT "CARE GROUP"
13TH JULY, 2019

An INDUSTRY visit was arranged by department of optometry for Interns, third year and second year B.Optomtery students. The visit was organized with an aim to give knowledge about the manufacturing process of an intra ocular lens, contact lens and tear diagnostics strips at CARE group, Dabhasa, Baroda, Gujarat.

The visit was arranged on 13th July 2019 after discussion and under guidance of an owner of the company named Optom,Isha Dave who is currently adjunct faculty of lotus college of optometry Mumbai and contact lens specialist also.

The main focus of the visit was on the intra ocular lens manufacturing and Schirmer strip as well as flouresceine strip which is used in diagnosis of tear function test for the second year students as a part of ocular disease subject, PMMA contact lens manufacturing process for the interns and 3rd year students as a part of contact lens subject. The total number of student who visited the care group was 30 including faculty members.

Moreover the students have gone through the manufacturing process of contact lens solution which play crucial role in case of the care and maintenance of the contact lens system.

Lastly we appreciated the efforts of Optom.Isha Dave for continues support to the department by awarded her with token of appreciation.



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CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF MEDICAL SCIENCES
CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCES (A Constituent of CHARUSAT)
DEPARTMENT OF MEDICAL LABORATORY TECHNOLOGY

A REPORT ON HANDS ON TRAINING AND PROTEOMIC WORKSHOP
IN SUPPORT WITH BIORAD LABORATORIES
8th - 11th AUGUST, 2018

Department of Medical Laboratory Technology from Charotar Institute of Paramedical Sciences (CIPS), a constituent of CHARUSAT has organized a four days hands on training on proteomics in support with BioRad Laboratories from 8th August- 11th August 2018. A total of twenty-nine (29) MSc. Medical Technology students participated and were benefitted with the training. The training program was specifically funded by BioRad.

The training started on 8th August, on the first day the students were introduced to the whole technique, bioinformatics software and the advantages/applications of proteomics. The BioRad person introduced one dimensional gel electrophoresis, 2 dimensional gel electrophoresis, Uniport, Swissport, etc. to students. The hands on training helped the students to perform the experimentation which is a part of their curriculum.

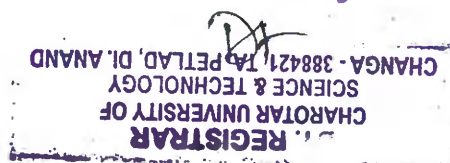
Day 1: The students were introduced to the 2 dimensional gel electrophoresis, MALDI, Instrument of 2 DE, 1 DE, online portals for identifying the proteins.

Day 2: Experimentation for 2 dimensional gel electrophoresis started and the students were made understand the whole procedure and all reagents and materials involved in the experimentation. The principle of all materials and reagents were explained in detail. The IPG strips were kept for rehydration and overnight incubation with sample.

Day 3: Amongst the two IPG strips one was stained and checked whether the strip has absorbed the sample or not and other strips were kept for iso electric focusing. Once the focusing was over it was washed with various reagents and stored at 4°C for further process.

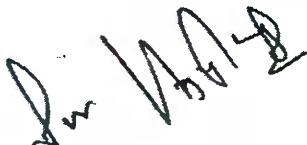
29 students from Department of Medical Laboratory Technology participated in the training


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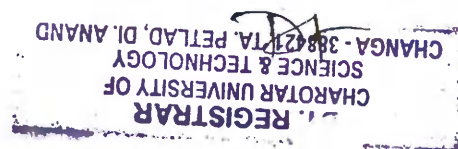
Day 4: Second dimension of the strip was carried out on SDS PAGE and the protein from mixed protein sample was isolated. The personnel further explained that how to isolate the protein spot and by which method it is to be identified.

The four day hands on training was successfully accomplished with the help of Dr. Dhara N. Patel (Head and Assistant Professor, MT Dept.), Dr. Dhara Jajal (Assistant Professor, MT Dept.) & Mrs. Amita Patel (Teaching Assistant, MT Dept.) under the flagship of Dr. Darshan H. Patel (Principal, CIPS). Also, the effective commencement of the workshop would not have been possible without the BioRad personnels, Dr. Deepak Kumar (FAS, BioRad India) and Mr. Rahul Gandhi (Senior Account Manager, BioRad India). The budget for the same is attached herewith, which was used for light refreshment of the students and faculties involved.


Dr. Dhara N. Patel
Head, MT Dept., CIPS


Dr. Darshan H. Patel
Principal, CIPS

Certified By:



8/19/2020

Charotar University of Science & Technology Mail - 3 day workshop on 2 dimensional gel electrophoresis



Artee Tyagi <arteetyagi.cips@charusat.ac.in>

3 day workshop on 2 dimensional gel electrophoresis

1 message

dhara patel <dharapatel.cips@charusat.ac.in>

Tue, Aug 7, 2018 at 11:10 AM

To: Artee Tyagi <arteetyagi.cips@charusat.ac.in>, Amita Patel <amitapatel.cips@charusat.ac.in>, Rekha Akhani <rekhaakhani.cips@charusat.ac.in>, Debayan Baidya <debayanbaidya.bt@charusat.ac.in>, Dhara Jajal <dharajajal.cips@charusat.ac.in>, Dolly Sharma <dollysharma.cips@charusat.ac.in>, Jaydevsinh Pargara <jaydevsinhpargara.cips@charusat.ac.in>, yogesh vaghela <yogeshvaghela.cips@charusat.ac.in>, Meenakshi Tulsyan <meenakshitulsyan.cips@charusat.ac.in>, Rashmi Salunke <rashmisalunke.cips@charusat.ac.in>, Alkesh Patel <alkeshpatel.phys@charusat.ac.in>

Cc: Principal CIPS <principal.cips@charusat.ac.in>

Dear All,

Greetings for the Day!!

We have arranged 3 days hands on training and workshop on 2 Dimensional Gel Electrophoresis, Proteomic Bioinformatics and PD Quest software.

workshop will start from 8th August to 10th August 2018.

Timings: 11:00 am onwards

Venue: CIPS

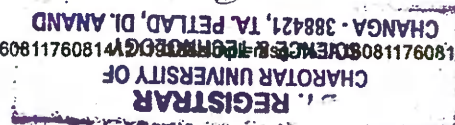
Those whoever faculties are interested may join the workshop.

Apart from Faculties Masters Medical Technology 1st and 3rd sem students will participate.

Regards

Dr. Dhara N. Patel
Assistant Professor
MLT Department
CIPS
CHARUSAT

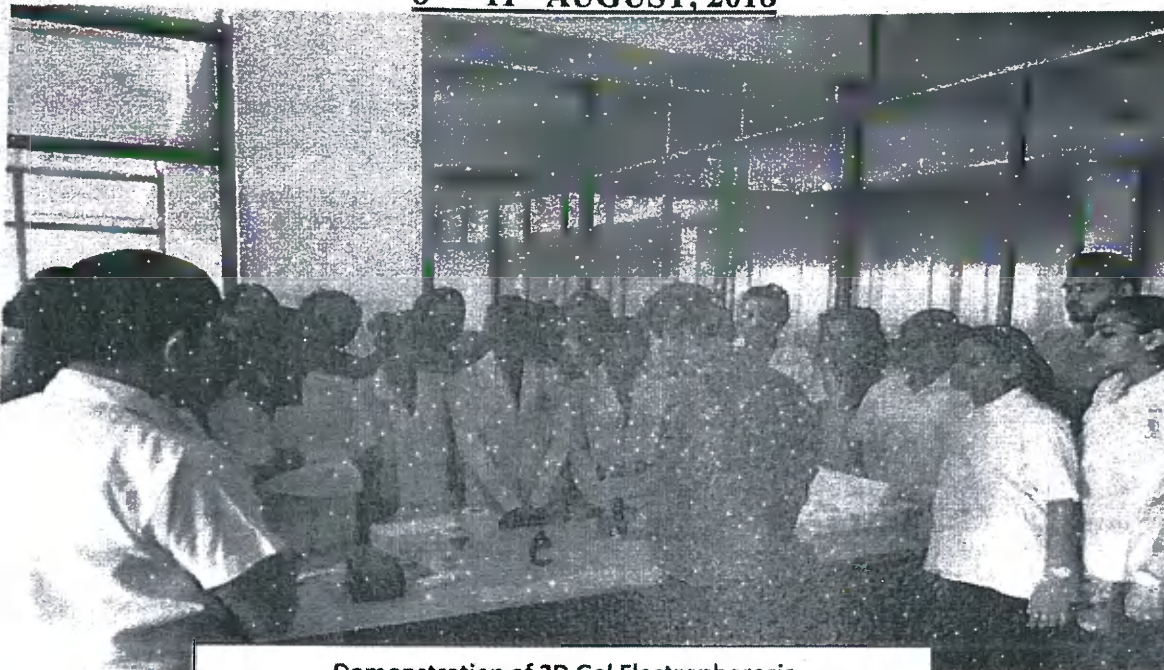
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**CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE
DEPARTMENT OF MEDICAL LABORATORY TECHNOLOGY**

**HANDS ON TRAINING AND PROTEOMIC WORKSHOP
IN SUPPORT WITH BIORAD LABORATORIES**

8th - 11th AUGUST, 2018



Demonstration of 2D Gel Electrophoresis



Demonstration of 2D Gel Electrophoresis

Certified By:

Dr

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HANDS ON TRAINING AND PROTEOMIC WORKSHOP
IN SUPPORT WITH BIORAD LABORATORIES

RESOURCE PERSON DETAIL



Dr. Deepak Kumar

FAS, BioRad India

E mail ID: kumar_deepak@bio-rad.com>

Mobile No. 09831644257

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DR. STRAR
CENTRAL UNIVERSITY OF
SCIENCE & TECHNOLOGY
CHANGA - 388421, TA. PETLAD, DL. ANAND

Contact

www.linkedin.com/in/deepak-kumar-biorad (LinkedIn)

Top Skills

SAP Implementation

SAP ERP

SAP Netweaver

Certifications

IBM Blockchain Essentials

Deepak Kumar

SAP IT Project Manager at Bio-Rad Laboratories
Brentwood

Summary

- Overall Ten years' Experience as a SAP Security and Authorization with strong understanding of Information Security practices. Extensive working knowledge in multiple SAP Applications like MDM, TM, CRM, ECC, PLM, BI, Portal, GTS, EM with experience in tools like HPQC, Tivoli & Cognos.
- Work experience include Full Life Cycle SAP Implementation, Go-live, Post Go-live & Production Support projects at Offshore and Onsite. Onsite experience in Germany, New Zealand, United Kingdom, United States, France, Italy and Sweden
- Extensive experience in Requirement gathering; Design, Development, and Maintenance of SAP applications security.
- Interfaced extensively with clients to gain insight and develop solutions to meet customer business needs across the entire SAP landscape.
- Expertise in Security Architect, User Administration, Role administration, Change Management, Incident Management & Coordination.
- Team Lead of big team of approx. 15 – 20 practitioners working at offshore and onsite

Experience

Bio-Rad Laboratories
IT Project Manager
February 2019 - Present (2 years)
California, US

IBM

12 years 7 months

Senior Advisory Consultant
November 2017 - Present (3 years 3 months)
California, US; Stockholm, Sweden & London, UK

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Client Name - Bio-Rad

Project : Bio-Rad Mariposa South Europe Release (R1, R2, R3 etc)

Skill : SAP MDM, PLM, ECC, BW

Roles & Responsibility :

Primary Role to define security roles for SAP Implementation / Roll-out of SAP Project for South European Countries.

Prepare & Support Application Testing cycles - ITC, Dress Rehearsal, Day in the Life and Golive & Hypercare.

We had R1 successful Go-live and preparing for further golive

Advisory Consultant

April 2016 - Present (4 years 10 months)

California, US & Paris, France

Client Name - Bio-Rad

Project : Bio-Rad Mariposa D3 Implementation

Skill : SAP MDM, PLM, ECC, BW

Roles & Responsibility :

Primary Role to define security roles for SAP Implementation / Roll-out of SAP Project for European Countries.

Prepare & Support Application Testing cycles - ITC, Dress Rehearsal, Day in the Life and Golive & Hypercare.

We had successful Golive and well appreciated by Director Global ERP Program, Bio-Rad Laboratories, Inc. for my contribution in D3 Implementation

Advisory Consultant

November 2015 - March 2016 (5 months)

Pune Area, India

Client Name : Mondi, Austria

Project : Mondi SAP Security Support

Contribution : Worked for short term to stream line Security Support in Mondi, trained colleagues and initiated to get GRC upgrade.

Advisory Consultant

September 2015 - October 2015 (2 months)

India, United Kingdom

Client : Israel Chemical Limited (ICL)

Project : ICL SAP Implementation

Skill : SAP ECC, TM, GRC

Contribution : Joined the project for Pre-golive & Golive Support from Client Location in Cleavland, United Kingdom.

System Engineer

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January 2012 - September 2015 (3 years 9 months)

India, Germany & New Zealand

Client : DHL Global Forwarding

Project : DHL New Forwarding Environment (SAP Implementation)

Skill : SAP Transportation Management (TM), Event Management (EM), Global Trade Services (GTS), Customer Relationship Management (CRM), ECC, BW, Cognos, IBM Tivoli Identity Management (ITIM) etc.

Contribution: Started Project from Kickoff of DHL NFE, completed end to end implementation in DHL

for Security in SAP products - TM, CRM, ECC, BI, EM, GTS, Portal etc.

Managed Test cycles, Training from onsite.

Later worked on Archiving project - designing roles and tested

Locations Worked : India, Germany & New Zealand

Associate System Engineer

February 2009 - January 2012 (3 years)

Client Name : Sara Lee Corporation

Project 1 : Sara Lee North America (Application Management & Support)

Skill : SAP ECC, CRM, BW & Portal Security

Contribution: I joined as Security Administrator where I took Knowledge Transition from Client on all

applications and started working outstanding to clear all backlogs in my

technical area for which I received appreciation from IBM US IT Director, IBM

Account Executive of SaraLee Project

TOP Contributor for 2010, 2011 in IBM.

Awarded as best performer in my team by my Project DPE.

Managed team of 12 members. and worked directly with US clients

Project 2 : Saralee International

Skill : SAP GRC Process Control

Contribution : Worked for 6 months, learned GRC-PC application and managed to solve long pending Incidents

Associate System Engineer

July 2008 - February 2009 (8 months)

Bangalore, India

Joined IBM from College Campus. Got into Professional Training in IBM in Software Testing.

Learnt Automation Testing and Manual Testing

Learnt IBM & HP tools such as IBM Rational Functional Tester, HP Quick Test Professional etc.

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Page 3 of 4



SAP Automation Tools such as WinRunner, Load Runner etc.

Education

BIT Sindri, Dhanbad

Bachelor of Engineering (B.E.), Chemical Engineering · (2004 - 2008)

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