

CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
STUDENT FEEDBACK ANALYSIS REPORT
AY 2016-2017

Date:12/06/2017

Curriculum feedback quantitative analysis

Point No.	Curriculum Feedback Criteria	Grade (G) (10)
1.	Course structure	8.80
2	Depth of the course content	8.40
3	Learning values (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	8.53
4	Compatibility with industry standards	8.26
5.	Compatibility with current global scenario of academics	8.67
6.	Compatibility with the real life situation	8.27
7.	The curriculum is sufficient to enable students for analysis of science challenges and identify the necessary solutions	8.00
8.	Sufficient reference material and books are available for the topics mentioned in the syllabus	7.87
9.	Overall Rating	8.27
Average Grade point (10)		8.34

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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 In charge Principal
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 PRINCIPAL
 CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCES
 CHARUSAT CAMPUS, CHANGA
 AT. CHANGA - 388 421
 TA. PETLAD, DIST. ANAND (GUJARAT)


CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE, CHARUSAT
STUDENT FEEDBACK ANALYSIS REPORT
AY 2016-2017

Improvement Action Plan:

Improvement is required in course curriculum. Model curriculum will be revisited in BUS and based on students feed back course structure will be redesign.

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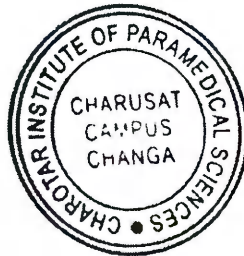

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Curriculum feedback analysis and action taken report

Sr. No.	Stakeholder	Feedback	Action Taken
1.	Clinicians/ Practitioner	More clinical exposure in third and fourth semester	More hours scheduled for clinical exposure.
2.	Academic Peers	Curriculum review from clinical experts	Domain clinical experts involved in BOS meeting.
3.	Present students	No suggestions	Model curriculum feedback taken from clinician and subject expert.



Dr. Darshan H. Patel
 Principal
 CIPS, CHARUSAT



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Annual Report

Academic Year: 2016-2017



Annual Report 2016-2017, CIPS-CHARUSAT

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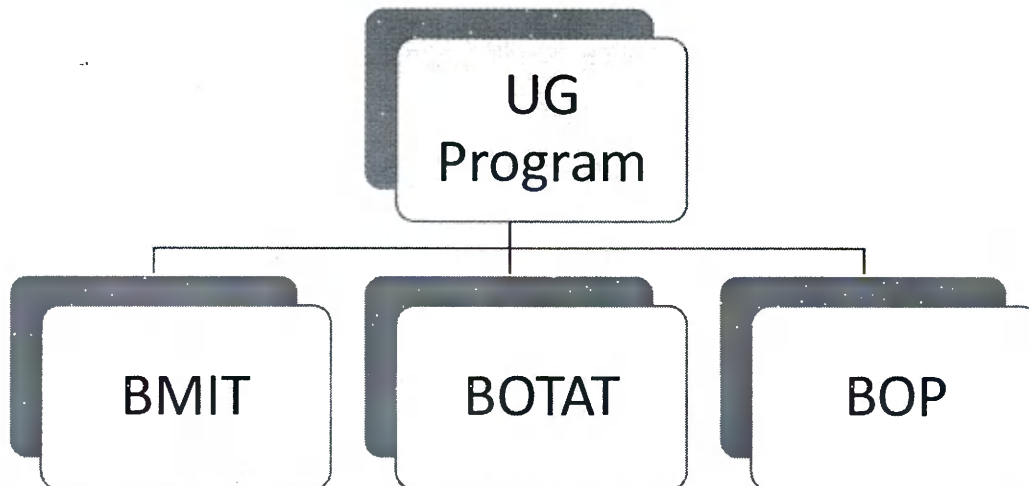
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CIPS JOURNEY SO FAR...

Charotar Institute of Paramedical Sciences (CIPS) 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.



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.

Annual Report 2016-2017, CIPS-CHARUSAT

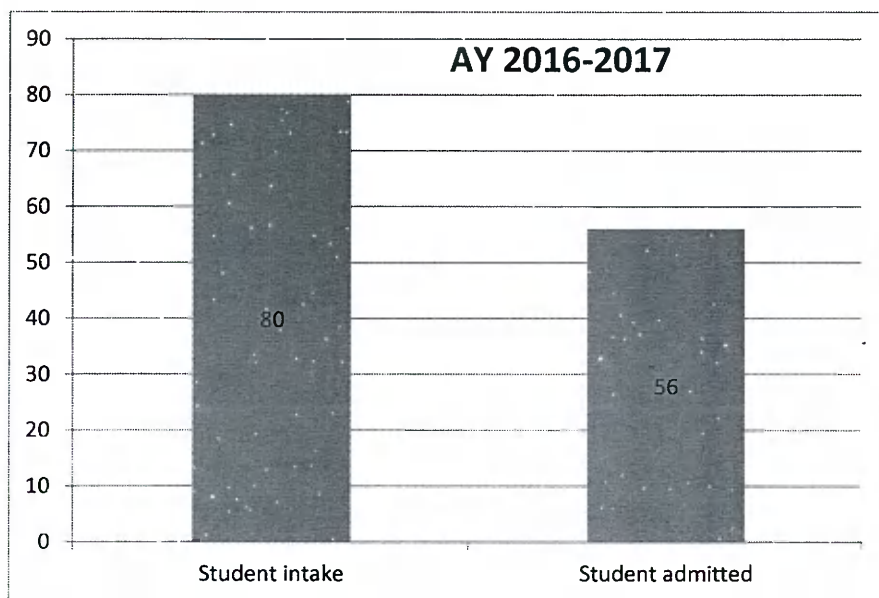
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Admission & Enrollement:

Eligibility criteria for UG programs (including BMIT, BOTAT, BOP) is $\geq 50\%$ in PCB of 12th std.

Out of total 80 seat intake, 56 students enrolled for the first batch of UG programs in academic year 2016-2017.



Faculty Strength

Four faculty members (including two specialized faculty) appointed for the smooth startup of the institute and efficient mentoring of the paramedical students.

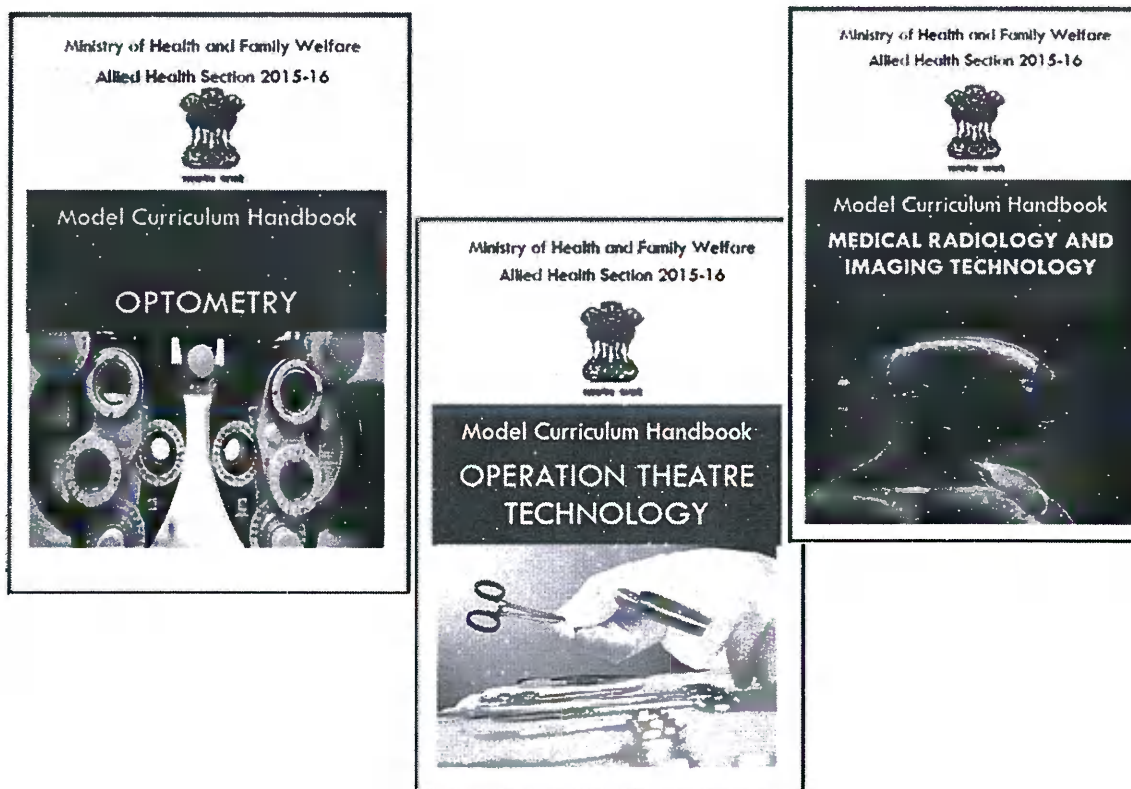
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Curriculum Development

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

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Teaching Learning Evaluation

Teaching learning practices:

- **Clinical postings**

Teaching curriculum framed with more number o clinical hours to train students for clinical services and patient care.

- **Case studies and Presentations**

. Evaluation

- **Internal and External Examination**

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

- **Clinical orientation, preparation of log book at stage I skill development was assessed by subject expert.**

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Event organized

- Department of Optometry celebrated the World Optometry Day 2017 on 23rd March 2017 with a theme “Nutri Vis 2017”. The event was organized at State level. Optom Usman Memon a Seniro lecturer at Nagar School of Optometry Ahmedabad and Optom Jyoti Dave Singh the Manageing trustee Jyoticare Benevolent Foundation invited as a guest dignitary. They gave talk on “Eat right for good sight” and “Nutrition for pediatric eye” respectively. Dr. Uma Patel, COO CHRF gave a brief idea about scope of optometry.



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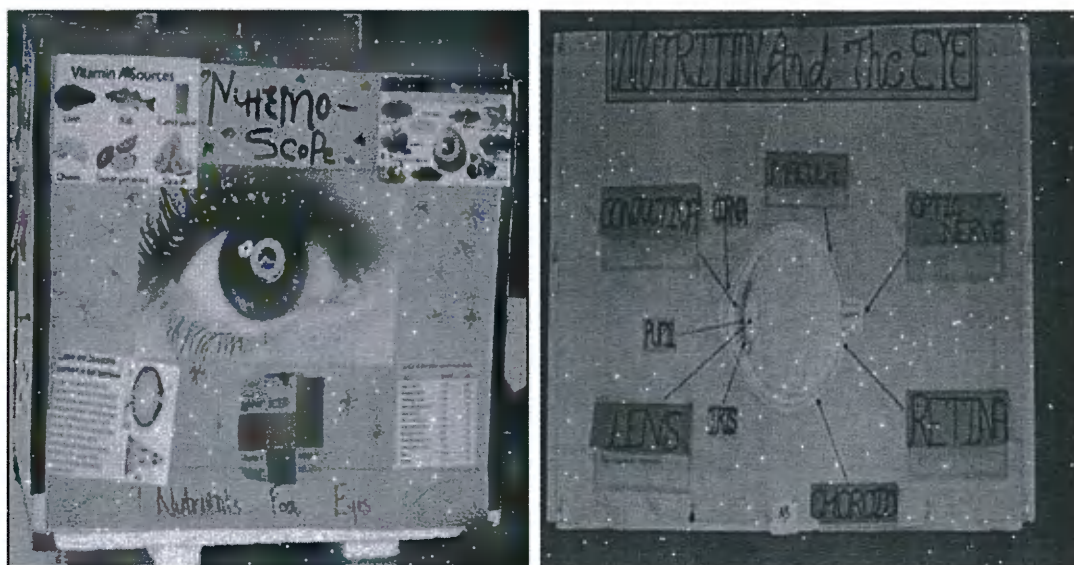
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Three competitions like MAD Ads, Quiz and Poster presentation were scheduled where students actively participated and enjoyed. The event ended with one small Blind dance act performed by Opto-Mystic group.

Student Participation

- Student actively participated in Spoural 2017 cultural events.
- Students also enjoyed the Vrund celebration 2016 organized every year in devotion of Goddess Durga.
- Students also participated in the competitions upheld in World Optometry Day 2017 celebration and earned the consolation prize for the innovative model presented in poster presentation competition.



Scholarship facilitated

- Ten students benefitted with the M-C-M CHAMOS Scholarship.

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**Minutes of the Meetings
Adhoc Board of Studies
Charotar Institute of Paramedical Sciences, CHARUSAT**

Date: June 23, 2016
Time: 2: 30 onwards
Place: Board room, Central Admin Buiding, CHARUSAT

Members were present

Dr. M.C.Patel	Dr. R.V. Upadhyay
Prof. H.J.Jani	Dr. A.C.Patel
D. Uma Patel	Dr. Govind Dave
Dr. Amit Ganatra	Dr. Shubhangini Kosta
Dr. Seema Modh	Dr. Anil Sharma
Dr. Poornima	Dr. Darshan H. Patel (Chairman)

Member was absent

Dr. Bala

Agenda of the meeting

- Item No. 1.1.* To review of proposed syllabus for Medical Radiology and Imaging Technology and Teaching scheme
Item No. 1.2. To review of proposed syllabus for Operation Theater and Anesthesia Technology and Teaching scheme
Item No. 1.3. Discussion on Optometry syllabus and Teaching scheme
Item No. 1.4. Discussion on PGDMLT and PGDHA syllabus and Teaching scheme
Item No. 1.5. To discuss pedagogy and suggest improvement/innovations
Item No. 1.6. Any other item/suggestions.

Details of Discussion

Dr. Darshan H. Patel welcomed all the guest to all BoS members of newly constituted Board of studies for the new programme started with the academic year 2016-17. The short presentation was given on the syllabus designed by the Ministry of the Health and Family Welfare for the allied health sciences. First year proposed credit scheme is approved however details of credit scheme will be discussed by Prof. H.J.Jani and Dr. Darshan H. Patel

Following points were discussed

- Item No. 1.1.* To review of proposed syllabus for Medical Radiology and Imaging Technology and Teaching scheme

The core syllabus and teaching scheme of the BMIT program was adopted from the structure proposed by the MoHFW (Ministry of Health and Family welfare, Government of India). And the choice based credit system (CBCS)/ elective courses were adapted from university. The syllabus was discussed of the sent teaching schemes. Board has approved the proposed syllabus with the following changes (Attached as an Annexure 1).

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Liberal art will be offered in first semester and English subject will be offered in second semester. Syllabus for computer science will be designed by the Prof. Amit Ganatra.

Item No. 1.2 To review of proposed syllabus for Operation Theater and Anesthesia Technology and Teaching scheme.

The core syllabus and teaching scheme of the BOTAT program was adopted from the structure proposed by the MoHFW (Ministry of Health and Family welfare, Government of India). And the choice based credit system (CBCS)/ elective courses were adapted from university. The syllabus was discussed of the sent teaching schemes. Board has approved the proposed syllabus with the following changes (Attached as an Annexure 2).

Liberal art will be offered in first semester and English subject will be offered in second semester. Syllabus for computer science will be designed by the Prof. Amit Ganatra.

Item No. 1.3 Discussion on Optometry syllabus and Teaching scheme

Members were agreed to make the base of designed syllabus of B. Optometry of the Ministry of the Health and Family Welfare for the allied health sciences. Details of syllabus will be discussed in separate board of studies with the renowned expert members.

Item No. 1.4 Discussion on PGDMLT and PGDHA syllabus and Teaching scheme

Board members have approved the existing syllabus and teaching scheme for both programme.

Item No. 1.5 To discuss pedagogy and suggest improvement/innovations

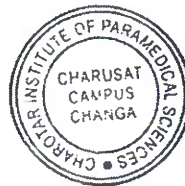
Board members have discussed the pedagogy and agreed that it should be as per the CHARUSAT's rules and regulations. There will be two internal tests and an external exam. Marking system is as per the norms of the CHARUSAT

Item No 1.6 Any other item/suggestions.

It has been decided that the clinical training for the students will be only at CHARUSAT hospital.

Meeting ended with the thanks by the Chairman

Dr. Darshan Patel
Coordinator CIPS



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ANNEXURE 1

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCES
BACHELOR IN MEDICAL IMAGING TECHNOLOGY
TEACHING SCHEME

Degree : BMIT Semester : 1
Total Subjects : 6
Total Regular Subjects : 5
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	
BMRT101	INTRODUCTION TO HEALTH CARE DELIVERY SYSTEM AND MEDICAL TERMINOLOGY	3.00			3.00	3.00	0/15	14/35	-	-	-	-	50
BMRT102	MEDICAL LAW, ETHICS, QUALITY AND PATIENT SAFETY	3.00			3.00	3.00	0/30	28/70	-	-	-	-	100
BMRT103	BASIC COMPUTERS AND INFORMATION SCIENCE	2.00			2.00	2.00	0/15	14/35	-	-	-	-	50
BMRT104	BASIC BIOCHEMISTRY	3.00			3.00	3.00	0/15	14/35	-	-	-	-	50
BMRT105	LABORATORY		6.00		6.00	12.00	-	-	0/30	28/70	-	-	100
					17.00	23.00							350

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	
HS101 H	LIBERAL ARTS – PAINTING		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100
HS102 H	LIBERAL ARTS – PHOTOGRAPHY		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100
HS103 H	LIBERAL ARTS – SCULPTING		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100

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HS104 H	LIBERAL ARTS - POTTERY AND CERAMIC ART		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100
HS105 H	LIBERAL ARTS - MEDIA AND GRAPHIC DESIGN		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100
HS106 H	LIBERAL ARTS - ARTS AND CRAFT		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100
Total Credit for Regular Subjects : 17.00													
Total Credit for Elective Subjects : 2.00													
Total Credit : 19.00													

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



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CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCES
BACHELOR IN MEDICAL IMAGING TECHNOLOGY
Syllabus Details

Degree : BMIT **Semester :** 2
Total Subjects : 6
Total Regular Subjects : 6
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	
BMRIT201	HUMAN ANATOMY AND PHYSIOLOGY PART- I	4.00			4.00	4.00	0/30	28/70	-	-	-	-	100
BMRIT202	BASIC PHYSICS INCLUDING RADIOLOGICAL PHYSICS	2.00			2.00	2.00	0/15	14/35	-	-	-	-	50
BMRIT203	CONVENTIONAL RADIOGRAPHY AND EQUIPMENT	2.00			2.00	2.00	0/15	14/35	-	-	-	-	50
BMRIT204	MICROBIOLOGY	2.00			2.00	2.00	0/15	14/35	-	-	-	-	50
BMRIT208	LABORATORY AND DIRECT CLINICAL EDUCATION		12.00		12.00	12.00	-	-	0/80	48/120	-	-	200
HS121 H	ENGLISH LANGUAGE AND LITERATURE	1.00	1.00		2.00	3.00	0/25	10/25	0/25	10/25	-	-	100
					24.00	25.00							650
Total Credit for Regular Subjects						24.00							
Total Credit for Elective Subjects						0.00							
Total Credit						24.00							

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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



B.Sc. in Medical Imaging Technology

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ANNEXURE 2
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCES
B.S.C. IN OPERATION THEATER AND ANESTHESIA TECHNOLOGY

TEACHING SCHEME

Degree : BOTAT Semester: I
 Total Subjects : 6
 Total Regular Subjects : 5
 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	
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
					17.00	23.00							350


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	
HS101 H	LIBERAL ARTS - PAINTING		2.00		2.00	2.00	-	-	0/50	20/50			100
HS102 H	LIBERAL ARTS - PHOTOGRAPHY		2.00		2.00	2.00	-	-	0/50	20/50			100
HS103 H	LIBERAL ARTS - SCULPTING		2.00		2.00	2.00	-	-	0/50	20/50			100
HS104 H	LIBERAL ARTS - POTTERY AND CERAMIC ART		2.00		2.00	2.00	-	-	0/50	20/50			100
HS105 H	LIBERAL ARTS - MEDIA AND GRAPHIC DESIGN		2.00		2.00	2.00	-	-	0/50	20/50			100
HS106 H	LIBERAL ARTS - ARTS AND CRAFT		2.00		2.00	2.00	-	-	0/50	20/50			100

Total Credit for Regular Subjects : 17.00

Total Credit for Elective Subjects : 2.00

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Total Credit : 19.00

Degree : BOTAT Semester: 1
Total Subjects : 6
Total Regular Subjects : 5
Total Elective Subjects : 1

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



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CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCES
B.S.C. IN OPERATION THEATER AND ANESTHESIA TECHNOLOGY
Syllabus Details

Degree: BOTAT

Semester:2

Total Subjects: 5

Total Regular Subjects: 5

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	
BOTAT201	HUMAN ANATOMY AND PHYSIOLOGY PART-I	4.00			4.00	4.00	0/30	28/70	-	-	-	-	100
BOTAT202	BASIC PHYSICS INCLUDING RADIOLOGICAL PHYSICS	2.00			2.00	2.00	0/15	14/35	-	-	-	-	50
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
HS121 H	ENGLISH LANGUAGE AND LITERATURE	1.00	1.00		2.00	3.00	0/25	10/25	0/25	10/25	-	-	100
					22.00	23.00							500
Total Credit for Regular Subjects		:				22.00							
Total Credit for Elective Subjects		:				0.00							
Total Credit		:				22.00							

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



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Minutes of Meeting
Board of Studies "Department of Optometry"
I & II Semester

Date: 14 September 2016

Time: 9.30 a.m.

Venue: Board Room, Central Administrative Building, CHARUSAT Campus.

The First BOS for Bachelor of Optometry held according to the mentioned schedule.

Following members were present.

1.	Dr. Darshan Patel	Coordinator- CIPS
2.	Dr. Umaben Patel	COO- CHRF
3.	Optom Usman Memon	Subject Expert
4.	Optom Jyoti Dave- Singh	Subject Expert
5.	Dr. Bala Ganapathy	Principal ARIP
6.	Mr. Alkesh Patel	Subject Expert (Physics)
7.	Mr. Debayan Baidya	Subject Expert (Biochemistry)

Member were absent

1	Dr. Anil Sharma	Principal- MTIN
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Agendas of Meeting

Item No 1.1 To review the proposed syllabus for Optometry (Semester I & II)

Item No. 1.2 Suggestions

Detail of Discussions

Dr. Darshan H. Patel welcomed BoS members of newly constituted Adhoc Board of studies for the new programme started with the academic year 2016-17. The short presentation was given on the syllabus designed by the Ministry of the Health and Family Welfare for the allied health sciences.

Following points were discussed

Item No. 1.1 To review of proposed syllabus for Optometry

The core syllabus and teaching scheme of the BOP program was adopted from the structure proposed by the MoHFW (Ministry of Health and Family welfare, Government of India). And the choice based credit system (CBCS)/ elective courses were adapted from university. The syllabus was discussed of the sent teaching schemes. Board has approved the syllabus with the following changes (Attached as an Annexure 1).

Liberal art will be offered in first semester and English will be offered in second semester. This is in line with the designed scheme of the Humanities Dept.

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Item No 1.2 Any other item/suggestions.

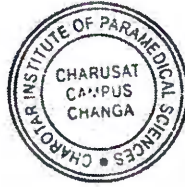
Details of syllabus and for designed course will be circulated to all members.

Mrs. Jyoti Sing Dave has suggested to establish dispensing lab for teaching in Sem III and Sem IV as part of the student clinical posting.

Meeting ended with the thanks by the Chairman



Dr. Darshan Patel
Coordinator CIPS



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Annexure 1

Date: 14/09/2016

**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE
BACHELOR OF OPTOMETRY**

**Teaching curriculum
Effective Year 2016-17**

Degree	: BOP	Semester	: I
Total Subjects	: 6		
Total Regular Subjects	: 6		
Total Elective Subjects	: 0		

Group Name : Regular

Course Code	Course Title	Teaching Scheme					Examination Scheme						TOTAL
		CREDIT				TOTAL HOURS	TH		PR		PRJ		
		TH	PR	PRJ	TOTAL		Internal	External	Internal	External	Internal	External	
BOP101	General Anatomy	4.00	2.00		5.00	6.00	0/30	28/70	0/30	28/70	-	-	200
BOP102	General Physiology	4.00	2.00		5.00	6.00	0/30	28/70	0/30	28/70	-	-	200
BOP103	General Biochemistry	2.00	2.00		3.00	4.00	0/30	28/70	0/30	28/70	-	-	200
BOP104	Geometrical Optics-I	4.00	4.00		6.00	8.00	0/30	28/70	0/30	28/70	-	-	200
BOP105	Nutrition	2.00			2.00	2.00	0/30	28/70	-	-	-	-	100
BOP 108	Basic of Computer	2.00			2.00	2.00	0/30	28/70	0/30	28/70	-	-	200
					23.00	28.00							1100

Group Name : Uni. Elective

Course Code	Course Title	Teaching Scheme					Examination Scheme						TOTAL
		CREDIT				TOTAL HOURS	TH		PR		PRJ		
		TH	PR	PRJ	TOTAL		Internal	External	Internal	External	Internal	External	
HS 101 H	Liberal Art - Painting		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100
HS 102 H	Liberal Art - Photography		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100
HS 103 H	Liberal Art - Sculpting		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100
HS 104 H	Liberal Art - Pottery and Ceramic Art		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100
HS 105 H	Liberal Art - Media and Graphic Desing		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100
HS 106 H	Liberal Art - Arts and Craft		2.00		2.00	2.00	-	-	0/50	20/50	-	-	100



Certified By:

DA

**BY: REGISTRAR
CHAROTAR UNIVERSITY OF
SCIENCE & TECHNOLOGY
CHANGA - 388421, TA. PETLAD, DI. ANAND**

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY Date: 14/12/2018
CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE
BACHELOR OF OPTOMETRY
 Teaching curriculum
 Effective Year 2016-17

Degree	: BOP	Semester : 1
Total Subjects	: 6	
Total Regular Subjects	: 6	
Total Elective Subjects	: 0	

Total Credit for Regular Subjects	23.00
Total Credit for Elective Subjects	2.00
Total Credit	25.00

Examination Grade Range & Value

Grade	Grade Points	From Marks	To Marks
AA	10.0	80	100
AB	9.0	75	79
BB	8.0	70	74
BC	7.0	65	69
CC	6.0	60	64
CD	5.0	55	59
DD	4.0	50	54
FF	0.0	0	49



Certified By:

[Handwritten Signature]

REGISTRAR
 CHAROTAR UNIVERSITY OF
 SCIENCE & TECHNOLOGY
 CHANGA - 388421, TA. PETLAD, DIST. SURAT