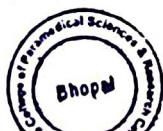


Name of Programme	Level	Student Centric Methods	Short Description	Outcomes
B.Pharm	UG	Assignments	Students are assigned with assignments on various topics according to their syllabus.	It makes student understand the topic better and helps the student develop the habit of writing and learning.
B.Pharm	UG	Value Added Courses	1.Prevention of chemical hazards 2.Gender sensitization 3.Biomedical Waste Management 4.Professional Ethics and Moral Values 5.Pedogogy of Campus Recruitment 6.Diasaster Management 7.Scientific Writing	It develops the personality of the student as well as makes the student aware of the most important issues like gender equality, waste management etc.It also develops moral and ethical values in the student. It prepares the student to face interviews and develops communication skills of the student.
B.Pharm	UG	Industrial Training	Students are been sent to nearest industries like Hind Pharma for a period of one month for industrial training.	It helps student understand the practical basis of the course.The student handles various equipments useful for their future job aspect. Student learns various aspects of the industry which would be fruitful for them later in their carrer.
B.Pharm	UG	Project based learning	Students are made to do various research or innovative projects on which they prepare a thesis under the guidance of a teacher alloted to them as their guide.	Students learn about how to prepare research and review articles. It helps student think innovatively and makes him/her aware of the latest research going around the world.
D.Pharm	UG	Assignments	Students are assigned with assignments on various topics according to their syllabus.	It makes student understand the topic better and helps the student develop the habit of writing and learning.
D.Pharm	UG	Industrial Training	Students are been sent to nearest industries like Hind Pharma for a period of one month for industrial training.	It helps student understand the practical basis of the course.The student handles various equipments useful for their future job aspect. Student learns various aspects of the industry which would be fruitful for them later in their carrer.
D.Pharm	UG	Medical Store Training	A Model Pharmacy has been developed in the institute for training of the students.	It trains the student regarding latest medicines and their dispensing methods. They get the knowledge about the medicines and how to handle a medical store which is very useful for them for their future.
M.Pharm	PG	Project based learning	Students are made to do various research or innovative projects on which they prepare a thesis under the guidance of a teacher alloted to them as their guide.	Students develop a sense of research and applies it to come over with some new ideas which helps them to create some new formulas which could prove a boon in the field of pharmacy.They also become more aware of preparing research and review articles and to get them published in reputed journals.



LIST OF STUDENT CENTRIC METHODS SESSION 2021-22

Name of Programme	Level	Student Centric Methods	Short Description	Outcomes
BPT,BMLT,DDT,DMLT	BPT-III,IV YEAR,BMLT-II ,III YEAR AND DDT DMLT I, II YEAR	EXPERIENTIAL LEARNING	Regular Clinical Postings are conducted for the senior batches in Peoples Hospital.	Students shall gain theoretical as well as practical knowledge as well as the self confidence in their respective fields.
			Various health awareness camps are organized by the intern students in various industrial sectors.	
			Educational visits like Malaria Center, CRC, Sanchi Milk Plant Malaria Center TB Center etc are conducted on regular basis	
			Students are motivated for various community activities like Awareness Rallies, Survey etc.	
BPT, BMLT DDT, DMT & MPT	BPT-I,II,III,IV YEAR AND MPT-I AND II YEAR	INTEGRATED INTERDISCIPLINARY LEARNING *	Students learn various interdisciplinary subjects as their syllabus.	Students shall gain knowledge about various other interdisciplinary approaches involved in their field and can correlate with their treatment.
BPT,BMLT,DDT,DMLT	BPT-I,II,III,IV YEAR,BMLT-I,II,III YEAR AND DDT DMLT I, II YEAR	PARTICIPATORY LEARNING	Topic Completion Quiz and Group Discussions are conducted regularly in each class, as a best practice	Students shall have the experience of working and coordination in group activities along with enhancement of
			Assignments are distributed in each subject in every class and batch.	
BPT,BMLT,DDT,DMLT	BPT-III,IV YEAR,BMLT-II ,III YEAR AND DDT DMLT I, II YEAR	PROBLEM SOLVING METHODOLOGIES	Institute practices the case study based Theory Exam Paper and Viva Conduction in Internal Sessional Exams as well as Main University Exams .	Problem solving skills and psychomotor development of the students.



BPT,BMLT,DDT,DMLT	BPT-III,IV YEAR,BMLT-II ,III YEAR AND DDT DMLT I, II YEAR	SELF-DIRECTED LEARNING	Case study presentations are done by the students and further discussions are motivated.	Students shall gain the practical knowledge as well as self confidence in their respective fields.
MPT,BPT,BMLT,DDT,DMLT	MPT-I,II YEAR,BPT-III,IV YEAR,BMLT-II ,III YEAR AND DDT DMLT I, II YEAR	PATIENT CENTRIC AND EVIDENCE BASED LEARNING	Journal club activities are conducted on regular basis for Faculties and PG students. Regular Clinical Postings are conducted for the senior batches in Peoples Hospital. Various health awareness camps are organized by the intern students in various industrial sectors.	Students will get motivated for reasearch activities and gain practical knowledge
MPT,BPT,BMLT,DDT,DMLT	MPT-I,II YEAR,BPT-III,IV YEAR,BMLT-II ,III YEAR AND DDT DMLT I, II YEAR	THE HUMANITIES	Institute practices Health Professional Ethics as a Value Added Course . Institute has NSS and NCC as a value added programs .There is a Centralized unit of NCC. Students participate in various national and state level camps of NCC. Institute had about 200 students enrolled in the NSS. NSS Girls and Boys unit actively participates in various Community activities and organizes Health Awareness Camps and other motivational programs in the society. Institute celebrates Joy Of Giving week every year, Students and Faculties donates various necessary items and distributes them to various Slum areas, SOS ,Old Age Homes etc. PCPS Celebrates Happiness Week every year for Students Faculties and 4th Class Employees.	Students practice ethical code of conduct with patients and other communities ,there is development professionalism among them.
MPT,BPT,BMLT,DDT,DMLT	MPT-II YEAR,BPT-IV YEAR,BMLT-III YEAR AND DDT DMLT II YEAR	PROJECT BASED LEARNING	As a part of their academic requirement UG and PG senior batches make projects and present them	Practical knowledge is gained by the students and are motivated for research and innovation



BPT,BMLT,DDT,DMLT	BPT-I,II,III,IV YEAR,BMLT-I,II,III YEAR AND DDT DMLT I, II YEAR	ROLE PLAY	Institute had organized various Aids Awareness Programs within the Institute and in the Community on occasion of World Aids Day every year. Essay Writing and Poster Making Competitions are also conducted for the same.	Cordination and Competitive skills are developed among the students with motivation.
			Students had participated in various Blood Donation Camps and donated blood for the good cause every year on the occasion of World Aids Day. Institute had organized awareness seminar on organ donation and had motivated the students for the same.	

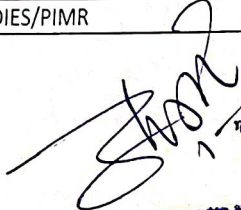
*** INTEGRATED - INTERDISCIPLINARY COURSES**

Name of the Courses offered in the Programs	Number of programmes in which the Course is offered	Whether Inter-disciplinary: Yes/No	Name of the Disciplines/departments involved in content delivery
Biochemistry	(01)BMLT Program	YES	Pathology/PCMS
Biochemistry		YES	Community Medicine/PCMS
Hematology & Clinical Pathology		YES	MLT/PCPS
Applied Histology		YES	Anatomy/PCMS
Applied Histology		YES	Physiology/PCMS
Microbiology		YES	Pathology/PCMS
Microbiology		YES	Biotechnology/CSRD
Analytical Biochemistry		YES	Biotechnology/CSRD
Hematology		YES	MLT/PCPS
Cellular Pathology		YES	Anatomy/PCMS
Cellular Pathology		YES	Microbiology/PCMS
Identification of Bacteria		YES	Biotechnology/CSRD
Clinical Biochemistry		YES	MLT/PCPS
Applied Hematology		YES	MLT/PCPS
Special Histology		YES	Microbiology/PCMS
Applied Microbiology		YES	Biotechnology/CSRD
Applied anatomy & Physiology		(02)DMLT Program	No
Biochemistry & Clinical Pathology	YES		Microbiology/PCMS
Biochemistry & Clinical Pathology	YES		MLT/PCPS
Haematology, Blood Banking & Parasitology	YES		Microbiology/PCMS
Microbiology, Serology, Histology & Immunology	YES		Biotechnology/CSRD



Applied Anatomy & Physiology	(03)DDT Program	No	-
Fundamentals of Dialysis		Yes	Basic Nursing Procedures/PCN & RC
Peritoneal Dialysis		Yes	Advance Peritoneal Dialysis Techniques/PCN & RC
Hemodialysis		Yes	Advance Hemodialysis Techniques/PCN & RC
Human Anatomy	(04)BPT Program	YES	PHYSIOTHERAPY/PCPS
Human Physiology		YES	MLT/PCPS
Bio Electrical Modalities		YES	ELECTRICAL ENGINEERING/SORT
Bio Mechanical Modalities		NO	-
Sociology & Psychology		YES	MEDICAL SOCIOLOGY/CRC BHOPAL
Pharmacology & Biochemistry		NO	-
Pathology & Microbiology		NO	-
General Medicine		YES	ORTHOPAEDICS/PCMS
General Surgery		NO	-
Orthopedics		YES	PHYSIOTHERAPY/PCPS
Exercise Therapy & Yoga		YES	YOGA/SANT HIRDARAM COLLEGE OF NATUROPATHY
Electrotherapy		YES	ELECTRICAL ENGINEERING/SORT
Physical Evaluation		YES	GYNAECOLOGY/PCMS
Cardiothoracic Medicine & Surgery		YES	PHYSIOTHERAPY/PCPS
Neuro Medicine & Neuro Surgery		NO	-
PT In Orthopedics		NO	-
PT In Neurological Conditions		NO	-
Bio Mechanics & Bio Engineering		YES	CRC/NAGPUR
Physical Diagnosis & Prescription		YES	RADIOLOGY/ELECTRO PHYSIOLOGY/PCMS
PT In Cardiothoracic Medicine & Surgery		NO	-
PT In Sports		YES	PSYCHOLOGY/PCPS
Community Medicine		YES	FORENSIC MEDICINE/PCMS
Rehabilitation & Bio Statistics		YES	MANAGEMENT STUDIES/PIMR




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 Sciences & RC, Bhopal

People's College of Medical Sciences and Research Centre

List of Student-centric methods used for enhancing learning experiences

1. Experiential learning:

- Case Presentations (History taking, physical examination, evidence-based discussions on diagnosis and management)
- Peer-Assisted learning
- Think-Pair-Share • Projects, research discussions • Simulations and simulation labs • Seminars • Internship • Field visits • Industrial visits

2. Integrated / inter-disciplinary learning:

- Vertical and horizontal integrated teaching
- Mortality audit
- Clinico-pathological correlations (CPC)

2. Participatory learning:

- Problem-Based-Learning
- Think-Pair-Share • Students Led Objective Tutorials (SLOT)
- Group discussions
- Clinical meetings
- Ward rounds
- Seminars & Quizzes
- Micro-teaching
- Community out-reach activities
- Health camps
- Disaster management rescue missions in accidents, floods, cyclones
- Blood donation
- Swachh Bharat Abhiyan

4. Problem-solving methodologies:

- Journal Club

- Problem Based-Learning (PBL)
- Case-Based- Learning (CBL)

5. Self-directed learning (SDL):

- Maintenance of log books on given assignments.
- Procedural skills: Under directly observed procedural skill (DOPS).

6. Patient-centric and Evidence - based learning:

- Clinical Postings: exposed to OPD, IPD, OT, emergency, trauma care.
- Basic Life Support (BLS) • Advance cardiac life support (ACLS) • Pathological laboratories.
- Bed-side clinics,
- Clinico-pathological correlations (CPC)

7. Humanities: Students are trained in

- Communication skills
- Professionalism
- Value- based education by incorporating topics of Bioethics (Patient privacy, Autonomy, Confidentiality, Right to health)
- Gender sensitization
- Health awareness through community visits.

8. Project-based learning:

- Research projects (ICMR-STC projects)
- Dissertations/Thesis
- Scientific paper writing

9. Role Play:

- Doctor Patient relationship
- Informed consent

- Breaking bad news
- Communication skills
- Bioethics
- World breast feeding week
- ORS week
- Tuberculosis day
- Swachh Bharat Abhiyan
- World mental health Day
- Cornea role play
- Cancer day
- AIDS day
- National Nutrition week
- National Neonatology week

Student centric methods:- Experiential learning, participative learning, life-long learning, problem solving and active learning methods are used to enhance learning experiences. The teaching-learning process in the institution consists of lectures, tutorials, practical sessions, projects, seminars, mini projects, internships, peripheral postings etc. The institution provides facilities like Internet, Wi-Fi, LCD projectors, multimedia tools, etc. to facilitate the student centric methods. Online platforms, software and app based tools are also used to augment the teaching-learning process.

Experiential learning: -Experiential learning is provided to the students through laboratory sessions, internships, intravenous injection and intramuscular injection training at casualties and by way of hands-on trainings in workshops organized within and outside the college.

- 1) Participative learning:- Participatory Learning is a way of organizing the classroom that motivates learners to participate in the act of teaching, a peer-based learning process. Students disseminate their knowledge gained through workshop, conference, etc. to their peers. Students interact and learn from each other. Participative learning is encouraged through paper presentations and participation in technical events.
- 2) Interdisciplinary learning: - Different department exchange their thought and treatment plan pertaining to their speciality. Entire staff members and all post graduates become the audience.
- 3) Problem solving:-Students need to develop the ability to apply problem solving skills when faced with issues or problems that are prevalent now. The development and use of problem-solving skills helps learning. Problem solving exposure is given to students through tutorials, assignments, and projects.
- 4) Life-long learning: - Independent learning is encouraged through assignments, seminars and self-study components. Innovative methods like learning by doing in special labs, undertaking mini research projects etc. develops the attitude for life-long-learning.
- 5) Project based learning:- Students are given different projects and surveys so as to understand the subject thoroughly.
- 6) Patient centric and evidence based learning:- In our institute we have **Sampoorna Nidaan** , a dedicated center where cancerous lesion are detected at first and then patient is followed up for counselling to quit the habit and further reevaluated. We also have **Tobacco cessation counselling center** where the intern students have to attend tobacco cessation on rotation basis where the patients are counselled to quit the tobacco habit and give them pharmacotherapy if required.

2.3.1 List of student centric methods Used for enhancing learning experiences

- **Experiential learning** The faculty members foster learning environment by engaging in rich experiential content of teaching through experience, Teaching through demonstration, visual aids, Periodical industrial visits, Organizing exhibitions, Presenting papers, Analyzing case studies and Participating and conducting quiz on theory topics..



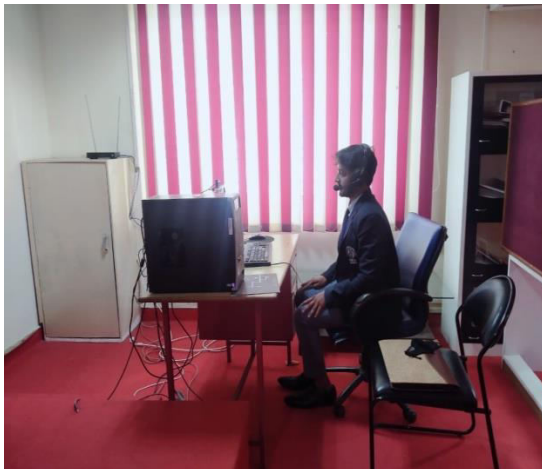
Industrial Visit

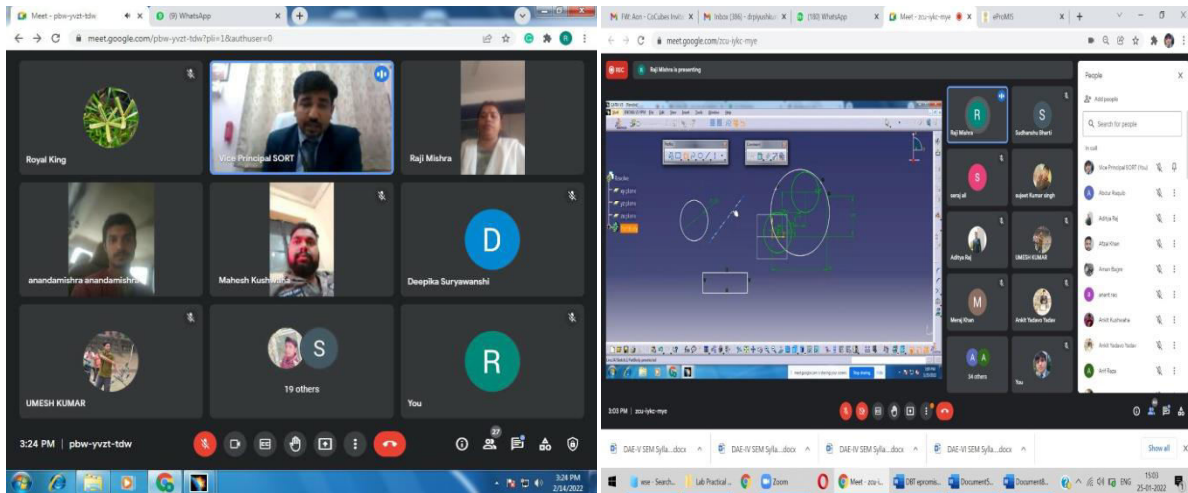


- Integrated / Inter-disciplinary Learning** Integrated teaching in our University incorporates the best mix of Information and Communication Technology and traditional black board teaching and exposure of students to views of eminent external faculty through telecast of Webinars. The University is in the process of introducing objective structured evaluation in both graduate and post graduate courses as a part of evaluative reforms. In addition, provision of e-libraries, e-communications, virtual classes, creation of interactive platforms with the students of the same field.



- ICT Enabled Teaching:** • ICT enabled teaching includes Wi-Fi enabled class rooms with LCD, Language Lab, Smart Class rooms, E-learning resources. Virtual class room links the guest lecture of eminent persons to develop their core knowledge in the subject. The institution adopts modern pedagogy in line with emerging trends to enhance teaching-learning process. The institution has the essential equipments to support the faculty members and students. Use of LCD projectors for seminars and workshops, Productive use of educational videos, Accessibility of non-print material for students of Computer studies. The Department of English conducts career oriented courses.





- **Project – based learning:** Certain courses related to Computer Studies, Commerce and Bioscience demand project based Learning. The teachers are the guides to the students in the process of preparation of projects. All the PG courses have project work in their final semester.



- **Student Seminars** The Student seminars are organized where in the papers are presented by students on contemporary topics to enrich their learning experience.



- **Humanities:** Humanities courses can include the study of history, philosophy and religion, modern and ancient languages and literature, fine and performing arts, media and cultural studies.



PEOPLE'S COLLEGE OF NURSING AND RESEARCH CENTRE

1. EXPERIENTIAL LEARNING			
S. No.	ACTIVITIES	PROOF (DESCRISPTION)	
1	Clinical Postings	1.Experiential learning: Clinical postings - Regular clinical posting are conducted for the all batches B.Sc I(Semester i &ii),II,III,IV, M.Sc i ,&ii yr, P.B.B.Sc I &II according to curriculum(Hrs Prescribed) by INC in People's hospital ,BMHRC (Cardiac icu) & Bhopal Neuro -Psychiatric centre	
2	Field Visit	Field visits : Various health awareness rallies conducted in Urban health &training centre in Indrapuri &Ratua rural health training centre. Health camp: conducted Santhi sarvour school indrapuri Community posting for UG &PG students at rural area Ratua and urban area indrapuri for 8 wks . Health survey conducted in Ratua & Various adopted village (harrakheda, Hinotia ,Sukkaeliya... Bed side teaching (Presentation) done by students Educational visit : old ,age home ashara, SOS rehabilitation centre, kajuri kala	
3	Case Studies	Case study /Case Presentations & done by all batches students (5/student) During in clinical posting	
4	Health Model Presentation	Health Model Presentation: Students (UG &PG) are promoted and actively involved in scientific working model making in groups and presenting them	
2	INTEGRATED INTERDISCIPLINAY LEARNNING		
A	S. no	Integrated/ Inter-disciplinary learning	
		Activities	
		Program	
	1	Computer science	B.Sc (N) SEM:I
	2	Biochemistry B.sc	B.Sc (N) SEM:II
	3	Microbiology	B.Sc (N) SEM:II
	4	Pharmacology	B.Sc (N) SEM:III
	5	Pathology	B.Sc (N) SEM:III
	6	Statistics	B.sc iii yr& M.sc I yr)
7	Forensic nursing	B.Sc (N) SEM:IV	
3	PARTICIPATORY LEARNING		
S.	ACTIVITIES	PROOF(DESCRIPTION)	

NO.		
1	Peer-assisted learning Method	New teaching-learning methods : Peer-assisted learning B Sc Final yr students & PG students talking classes for Peer groups & other junior classes by demonstrations & class room teaching with guidance of teachers
2	Seminar/Workshops	Final year of BSC(N) & MSCI&II Yr students Organizing Seminar/Workshops in college level and state level.
3	Topic Completion Quiz	Topic Completion Quiz and Group Discussions are conducted regularly in each class, as a best practice.
4	Group Discussions	After each unit completion students groups are made & discussion on topics & its application in health care system
5	Assignment Distribution	Assignments (3-5)/students per year are distributed in each subject in every class and batch
4.	PROBLEM SOLVING METHODOLOGIES	
	ACTIVITIES	PROOF (DESCRIPTION)
	Case Study based Theory / Practical /Viva conduction	Institute practices the case study based Theory Exam Paper and Viva Conduction in Internal Sessional Exam I ,II ,PU(as well as Main University Exams.
5	SELF DIRECTED LEARNING	
	ACTIVITIES	PROOF(DESCRIPTION)
	Group Discussions	Group Discussions are conducted regularly in each class as a best practice.
1	Case Study Presentations	Case Study presentations are done by the students in hospital and further discussions are motivated.
2	Assignments	Assignments are distributed in each subject in every class and batch.
3	Research done by B.Sc iii ,Msc i & P.B.B.Sc	As a part of their academic/Curriculum requirement
4	Completing log books in Clinical postings & Preparing Drugs book, OT instrument book, Growth/Development assessment of children file writing as well as presenting cases.	Regular Clinical Postings are conducted for all students Peoples Hospital. Students complete Assignments/ log book/Case study & case Presentation of seen cases and present them in front of other students and faculties.
6	PATIENT CENTRIC AND EVIDENCE BASED LEARNING	
	ACTIVITIES	PROOF(DESCRIPTION)
1	Students of UG (groups)&PG (Individual are Publishing Research PJSR	
2	Logbook /Case Presentations	Students prepare logbook of seen cases and present them in front of other students and faculties.
3	Health Awareness Camps	Various health awareness camps are organized

		by the students of UG & PG students at rural area Ratua and urban area indrapuri & Various adopted village (harrakheda, Hinotia ,Sukkaeliya...
4	Clinical Postings	Regular Clinical Postings are conducted for all batches in Peoples Hospital & for Specialities (cardiac) BMHRC/ Mental health nursing in SAHU CLINIC
7	THE HUMANITIES	
	ACTIVITIES	PROOF (DESCRIPTION)
1	All students Practices	All students are strictly advised to be in ethical context; how to behave with the patients, senior staff and 4 th class employees during the posting hours. Emphasis is given to extend the patient services on empathetically basis than sympathetically approach.
2	Professional Ethics	Institutes Practices Health Professional Ethics as a Part of curriculum .
3	Joy of Giving	Institute celebrates Joy Of Giving week every year, Students and Faculties donates various necessary items and distributes them to various SOS, Old Age Homs etc.
4	NCC/NSS Activities	Institute has NSS and NCC as a value added programs. There is a Centralized unit of NCC, Students participate in various national and state level camps of NCC. Institutes had about 30 students enrolled in the NSS, NSS Girls and Boys unit actively participates in various Community activities and organizes Health Awareness Camps and other motivational programs in the society,
5	Gender Equity Programs	Institute organizes Debates on Gender Equality & Women Empowerment and Save Girl Child.
6	Happiness Club Activities	PCNS Celebrates Happiness Week every year for Students Faculties and 4 th Class Employees. Yoga and wellness activities are encouraged among the faculties and students to enhance mental health.
7	Induction Program for all new batches	1 wk induction for all new batches & 2 days for all old batches at starting of academic year.
8	Friendship day	PCNS Celebrates friend ship day
9	Fresher's Party for New Batches & Farewell party final year batches	Students organized Fresher's Party for New Batches. & Fare well party for all final year batches
10	Blood And Organ Donation Camps And Awareness Programmes.	Students had participated in various Blood Donation Camps and donated blood for the good cause every year on the occasion of World Aids Day.
8	PROJECT BASED LEARNING	
	ACTIVITIES	PROOF(DESCRIPTION)

1	Dissertation& Project (UG&PG) Students are doing every year	As a part of their academic requirement
2	Health Model Presentation	Students are promoted and motivated for Scientific Working Model making in groups and presenting them.
3	Community Activities	Various Health Awareness Camps are organized by the students in RURAL &URBAN AREA community health training center (Ratua & Intrapuri Various adopted village (harrakheda, Hinotia ,Sukkaeliya...
9	ROLE PLAY	
S.NO.	ACTIVITIES	PROOF(DISCRPTION)
1	Community based activities	1 Various Health Awareness Camps are organized by the Students are motivated for various community activities like Awareness Rallies, Street plays, Survey etc. in RURAL &URBAN AREA community health training center(Ratua & Intrapuri Ratua & Intrapuri Various adopted village (harrakheda, Hinotia ,Sukkaeliya...
2	Health Based Awareness Programmes	1 Various Health Awareness Camps are organized by the all students are motivated for various community activities like Awareness Rallies, Survey etc. in RURAL &URBAN AREA community health training center(Ratua & Intrapuri& Ratua & Intrapuri Various adopted village (harrakheda, Hinotia ,Sukkaeliya...
3	Breast feed weeks celebrations	Students organized rallies URBAN AREA community health training center Intrapuri /role play (People's hospital /seminar(PCNRC)
4	Aids Awareness Programmes	Institute had organized various Aids Awareness Programs within the Institute and in the Community on occasion of World Aids Day every year. Essay Writing and Poster Making.
Field projects activities enhance self-efficacy, performance, team work and ability to work in health setting. This forms a collaborative form of imparting education learners in themselves the confidence to evaluate areas of health concern and data handling. To successfully		

List of Student Centric Method

S.NO	MODE OF CENTRIC METHOD	DESCRIPTION
1.	Case Study	<p>A case study is a research method to gain a better understanding of a subject or process. Case studies involve in-depth research into a given subject, in order to understand its functionality and successes.</p> <p>Different types of management related case studies is given to the students timely.. for exploring their knowledge</p>
2.	Industrial Visit	<p>Timely visits to different industries is also organized for the students in terms of practical knowledge about the industrial process control and safety.</p> <p>Moreover trip will also be helpful for them to find placement opportunities in such industries.</p>
3.	Workshops & Webinars	<p>Seminars, workshops and webinars are held at regular intervals so that a student can explore themselves , enhance their knowledge skills and experiences.</p> <p>By learning about new topics and meeting with Leaders in their own field student feels encouraged and motivated.</p>