



**DOW UNIVERSITY OF HEALTH SCIENCES**

**DOCTOR OF PHYSICAL THERAPY (DPT)**

**Session 2022-23**

**PROSPECTUS**

**Dow Institute of Physical Medicine  
& Rehabilitation (DIPM&R)**

Website : [admissions.duhs.edu.pk](http://admissions.duhs.edu.pk)  
Email : [admissions.info@duhs.edu.pk](mailto:admissions.info@duhs.edu.pk)



**Prof. Mohammed Saeed Quraishy**  
Vice Chancellor  
Dow University of Health Sciences

## MESSAGE BY VICE CHANCELLOR

It gives me joy to write this message for the prospectus of the Dow University of Health Sciences, Karachi. DUHS was established in 2004, with just three constituent colleges, and today we are a university with over 30 constituent and affiliated institutions and the most comprehensive health system in Pakistan.

This year, I am also proud to announce that Dow University of Health Sciences, Karachi has continued to enhance the vision of this University by striving to be the pre-eminent academic institution committed to changing and saving lives, as we have continued to place in the QS World University Rankings 2021, with an overall Rank of 401-450. This is a credit to the faculty of DUHS, and their commitment to enhance the learning experience offered to our students that we have achieved progress and prosperity globally, particularly within Asia.

This is also the year we are celebrating our 75th Anniversary of the founding of Dow Medical College, a symbol of scholarship and service to the community that has evolved into DUHS, with expanded program offerings, such as in the fields of the allied health and biomedical sciences, such as pharmacy, physical therapy, medical technology, biotechnology, nursing, public health, business administration, and course in radiology technology, nutritional sciences, midwifery, and optometry.

Furthermore, our symbol of academic excellence is fortified by our adoption of the latest technology, and affordable state of the art healthcare offered, which informs the delivery of quality patient care at Dow University Hospital and our many affiliated healthcare centers and research and diagnostic laboratories. We stand committed to providing and creating a state-of-the-art infrastructure that fosters innovation, research and is evolving to meet the needs of the future, along with providing superior healthcare services today.

Today, we are striving to play a pivotal role in the early diagnosis and treatment of Covid-19 and in the future, I also stand committed to make Dow University of Health Sciences an empowered institution offering the best of the medical knowledge and quality health services.

I am confident that the doctors and health professionals of this institution will go on to contribute to this nation and serve globally with sincerity and ethics, in order to restore faith and humanity to the delivery of healthcare.

Good Luck to the incoming freshmen!

## MESSAGE BY THE DIRECTOR (DIPM&R)



**Dr Syed Saeed Qaiser**  
Director, DIPM&R  
Dow Institute of Physical Medicine and Rehabilitation.  
DUHS, Ojha Campus

I welcome you to the field of physical medicine and rehabilitation which is serving the people with disabilities under the umbrella of Dow Institute of Physical Medicine and Rehabilitation.

Alhamdulillah, I feel proud as the Director of the institute to strengthen our academic and clinical programs through our faculty, clinical staff and students.

The institute was established 15 years ago in 2007 increasing in number of patients and quality. We are currently providing multidisciplinary services through rehabilitation medicine team including physiatry, physical therapy, speech therapy, psychology, occupational therapy, and prosthetist & orthotist departments. Moreover, community outreach program, Research oriented and evidence based approach are central drive of our services. We look forward to improve our services further in near future Insha Allah.

## MESSAGE BY THE PROGRAM DIRECTOR (DPT)



**Dr Faisal Yamin (PT)**

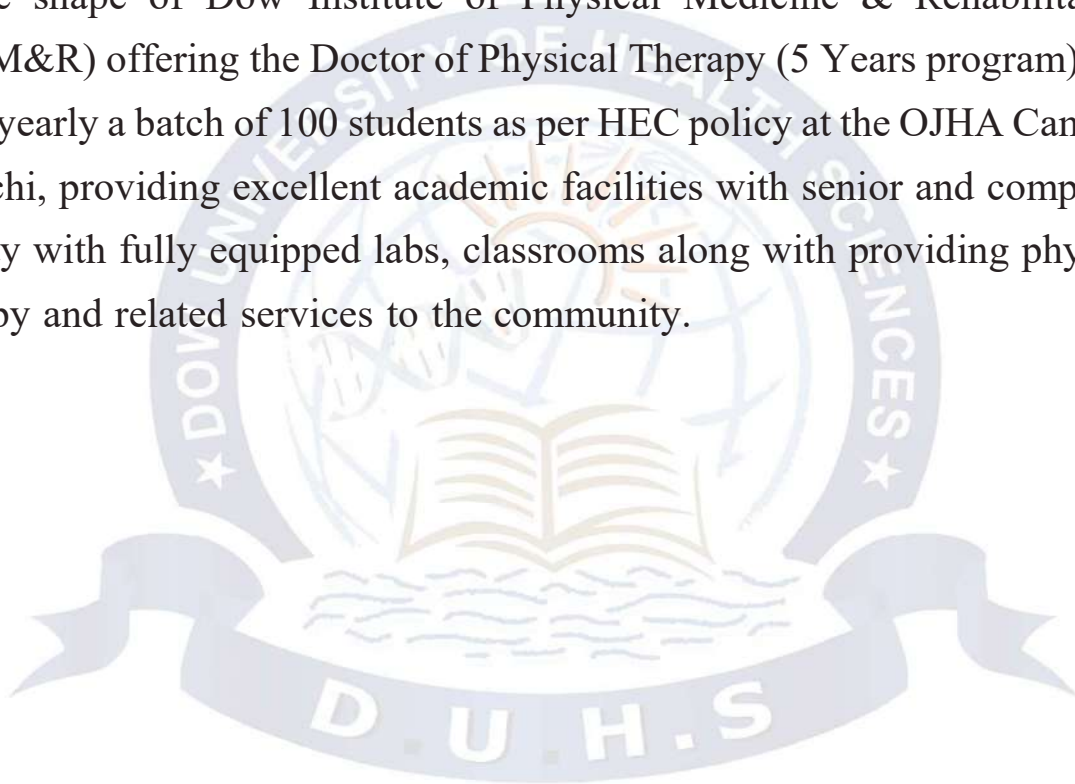
Asst. Professor  
Head of Department (Physiotherapy)  
Programme Director (DPT)  
Dow International Medical College (DIMC)

I really feel proud to write this message as an ambassador of the physical therapy profession. By the grace of almighty ALLAH, the Dow Institute of Physical Medicine & Rehabilitation has fully functional facilities at the OJHA campus. We are committed to providing and setting a state of the art Physical Therapy education. In the last decade, the field of physical therapy has made a significant and worthwhile contribution in restoring the quality of life to the people with different abilities.

We envision this institute to be a forefront leader in providing quality education in Physical Therapy under the umbrella of Dow University of Health Sciences, Karachi. We wish this institute to cater to the communities that it serves, by offering hope and timely delivery of services to the civilian population of Karachi, Pakistan.

## 1) OVERVIEW OF COLLEGE/ INSTITUTE INCLUDING SCOPE & VISION

The Dow University of Health Sciences DUHS is the pioneering institution providing integrated medical and allied health sciences education. We remain committed to carry forward this legacy of educational excellence in the shape of Dow Institute of Physical Medicine & Rehabilitation, (DIPM&R) offering the Doctor of Physical Therapy (5 Years program) .We cater yearly a batch of 100 students as per HEC policy at the OJHA Campus, Karachi, providing excellent academic facilities with senior and competent faculty with fully equipped labs, classrooms along with providing physical therapy and related services to the community.








## **VISION STATEMENT DUHS**

**Be an academic leader by generating creative, collaborative, contextual resources to improve health and education by all possible means.**



## **MISSION STATEMENT DUHS**

**To provide leadership in creating and imparting knowledge through excellence in research and education with the aim to provide cost effective, contextually relevant and quality community services through its faculty, staff and graduates, with continuous efforts for improvement through reflection and learning.**



## ELIGIBILITY OF THE CANDIDATE

- HSSC (Intermediate Science) Pre-Medical/ A-Level or Equivalent, Min. 60% marks or equivalent only certified by IBCC
- Candidate's Domicile of Sindh

## NO. OF SEATS

100 seats for each batch of DPT out of which

- 50 seats for open merit
- 50 seats for Self-finance

## RECOGNITION BY GOVERNING BODIES/ COUNCILS:

The DPT Curriculum is recognized by HEC, Pakistan as an advisory board and approved by the University Statutory bodies.

## CURRICULUM:

- **Recognized Curriculum Document By HEC**
- **Title of Degree program: Doctor of Physical Therapy (DPT)**  
**Duration: Five years**

**Total credit hour: 175 CREDIT HOURS**

## **1) Fee Structure of Doctor of Physical Therapy** **Session 2022-23**

<b>FEE TYPE</b>	<b>Open Merit (PKR)</b>	<b>Self-Finance PKR</b>
Admission Fee	50,000/-	60,000/-
Tuition Fee	150,000/-	250,000/-
Document Verification Charges	1,000/-	1,000/-
<b>TOTAL</b>	<b>201,000/-</b>	<b>311,000/-</b>

\*Above amounts are excluding govt. taxes. Taxes apply as per FBR rules

Transport Fee (Optional) Rs. 32,000/- per year.

### **RULES FOR THE PAYMENT OF FEE**

Payorder of one year tuition fee (of the respective category) will have to be paid within one month after the start of 2nd, 3rd, 4th & Final year.

In case the fee is not submitted during the given specified time, late payment charges will be charged as follows:

First month after lapse of first month.....2.5 % of tuition fee  
Second month .....5.0 % of tuition fee  
Third month.....7.5 % of tuition fee  
Fourth month.....10 % of tuition fee

Fee of all categories may be increased by 10% every year.

**AFTER FOUR MONTHS OF NON PAYMENT, THE SEAT IS LIABLE TO BE CANCELLED AND STUDENT WILL NOT BE ALLOWED TO APPEAR IN ANY EXAMINATION**

Fee deposited is refundable as per the Refund policy guidelines of the DUHS.

Taxes will be applied as per the FBR rules.

Hostel and Transport fee will be valid till the last exam of the academic year.

Amounts stated in the fee vouchers are excluded of all Bank charges.

The Fee Structure may be revised



### Breakdown of Course in Professional Year

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical / Labs.	TOTAL	
<b>Semester 1</b>	Anatomy-I	ANA 101	3	1	4	<b>18</b>
	Physiology-I	PHY 101	2	1	3	
	Kinesiology-I	KINE 101	2	1	3	
	English-I (Functional English)	ENG 101	3	0	3	
	Pakistan Studies	PKS 101	2	0	2	
	Introduction To Computer	INC 101	2	1	3	
<b>Semester 2</b>	Anatomy - II	ANA 102	3	1	4	<b>18</b>
	Kinesiology-11	KINE 102	2	1	3	
	Physiology-II	PHY 102	2	1	3	
	English-II (Communication Skills)	ENG 102	3	0	3	
	Islamic Studies / Ethics	ISE 102	2	0	2	
	Medical Physics	MPY 102	2	1	3	

**2<sup>nd</sup> Professional Year:**

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical / Labs.	TOTAL	
<b>Semester 3</b>	Evidence Based Practice	EBP 201	2	1	3	<b>17</b>
	Pathology & Microbiology-I	PMB 201	2	0	2	
	Musculoskeletal Physical Therapy	MSK201	2	1	3	
	Anatomy-III (Neuro-Anatomy)	ANA201	2	1	3	
	Physical Agents & Electrotherapy-I	PAE 201	2	1	3	
	Medicine-I	MED 201	3	0	3	
<b>Semester 4</b>	Manual Therapy	MT202	2	1	3	<b>17</b>
	Biomechanics & Ergonomics-I	BMCHE202	3	0	3	
	Therapeutic Exercises & Techniques	THET202	2	1	3	
	Biochemistry-I	BCHM202	2	0	2	
	Physical Agents & Electrotherapy - II	PAE 202	2	1	3	
	Supervised Clinical Practice-I (Musculoskeletal Physiotherapy)	CPMSK202	-	-	3	

### 3<sup>rd</sup> Professional Year

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical / Labs.	TOTAL	
Semester 5	Clinical Decision Making & Differential Diagnosis	CDMDD301	3	0	3	19
	Surgery -I (Orthopedics surgery)	SURG 301	3	0	3	
	Biomechanics & Ergonomics-II	BMCHE 301	2	1	3	
	Biochemistry-II	BCHM 301	2	1	3	
	Pharmacology & Therapeutics 1 (MSK & Neuro)	PHARM 301	2	0	2	
	Sports Physical Therapy	SPPT 301	2	0	2	
	Supervised Clinical Practice - II (Musculoskeletal Physiotherapy)	CPMSK301	-	-	3	
Semester 6	Integumentary Physical Therapy	ITGP 302	2	0	2	17
	Anatomy-IV (Cardiopulmonary)	ANA302	2	1	3	
	Physiology-III (Cardiopulmonary)	PHY 302	2	1	3	
	Neurological Physical Therapy	NPT 302	2	1	3	
	Pediatric Physical Therapy	PDP 302	2	0	2	
	Prosthetics & Orthotics	PAO 302	2	0	2	
	Supervised Clinical Practice- III (Neurological Physiotherapy)	CPNPT302	-	-	2	

**4<sup>th</sup> Professional Year:**

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical / Labs.	TOTAL	
<b>Semester 7</b>	Radiology & Diagnostic Imaging	RDI 401	2	1	3	<b>18</b>
	Surgery II	SURG 401	3	0	3	
	Medicine II	MED 401	3	0	3	
	Pathology & Microbiology-IT	PMB 401	2	1	3	
	Cardiopulmonary Physical Therapy	CPPT 401	2	1	3	
	Supervised Clinical Practice-IV (Cardiopulmonary Physiotherapy)	CPCPPT401	-	-	3	
<b>Semester 8</b>	English-III (Technical Writing & Presentation Skills)	ENG402	3	0	3	<b>17</b>
	Pharmacology & Therapeutics-II (Cardiopulmonary)	PHARM402	2	0	2	
	Exercise Physiology	EXP402	2	1	3	
	Biostatistics	BST402	3	0	3	
	Emergency Procedures & Primary Care In Physical Therapy	EPPCP 402	2	1	3	
	Supervised Clinical Practice V (ICU)	CPICU 402	-	-	3	

**5<sup>th</sup> Professional Year:**

Semester	Courses	CODES	Course Credit Hours			Semester Credit Hours
			Theory	Practical / Labs.	TOTAL	
<b>Semester 9</b>	Obstetrics & Gynecological Physical Therapy	OBSGP 501	2	0	2	<b>17</b>
	Molecular Biology & Genetics	MBIOG 501	2	0	2	
	Behavioral Sciences (Psychology & Ethics)	BHS 501	2	0	2	
	Health & Wellness	HLTHW 501	2	0	2	
	Scientific Inquiry & Research Methodology	SIRMD 501	2	1	3	
	Sociology	SOCIO 501	2	0	2	
	Supervised Clinical Practice-VI (Obstetrics & Gynecological Physiotherapy)	CPOBSGP 501	-	-	4	
<b>Semester 10</b>	Community Medicine & Rehabilitation	CMR502	3	0	3	<b>17</b>
	Professional Practice (Laws, Ethics & Administration)	PRFP 502	2	0	2	
	Gerontology & Geriatric Physical Therapy	GNTGP 502	2	0	2	
	Supervised Clinical Practice-VII (Geriatric Physiotherapy)	CPGP 502	-	-	4	
	Research Project	RSP 502	-	-	6	



## FACULTY DIPM&R



**Dr. Syed Saeed Qaiser**  
Asst. Professor/Director



**Dr. Faisal Yamin PT**  
Asst. Professor  
HOD & Program Director



**Dr. Atiq-ur-Rehman PT**  
Asst. Professor



**Dr. Farhan Ishaque Khan**  
Asst. Professor



**Dr. Saeed Sheikh**  
Senior Lecturer



**Dr. Muhammad Sarfraz**  
Asst. Professor



**Dr. Sajjad Almani**  
Asst. Professor



**Dr. Samreen Yasmeen**  
Asst. Professor



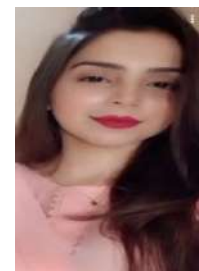
**Dr. Erum Naz**  
Senior Lecturer



**Dr. Nazia Zia**  
Senior Lecturer



**Dr. Afshan Khalid**  
Senior Lecturer



**Ms Sundas Yaseen**  
Prosthetist & Orthotist



**Dr. Areeba Shafiq**  
Lecturer



**Mr. Waseem**  
Speech Therapist



**Dr. Saba Aijaz**  
Lecturer



**Dr. Uzair**  
Clinical Instructor



**Dr. Samreen Khan**  
Lecturer



**Dr. Felicianus Anthony Pareira**  
Clinical Instructor



**Ms Sadaf Ramzan**  
Prosthetist & Orthotist



**Mrs. Ayesha Younus**  
Special Educator



**Areesha Anwar**  
Lab Incharge



**Mrs. Samreen Zahid**  
Special Educator



**Ms. Ayesha Hanif**  
Psychologist



**Dr. Hafsa Paracha**  
Research Coordinator

**Dr. Sobia Meraan**  
Sr. Physiotherapist



## ASSESSMENT METHODS:

1. Class test, Assignments .
2. Midterm exam.
3. Practical / Labs/ OSCE
4. Terminal exam



## Number of students graduated and Studying:

- Total Graduate Students: 741
- Total students studying: 201

## RESEARCH ACTIVITIES

Research is mandatory in final year of DPT program. Students fulfill the requirement of 6 credit hours project.

## FACILITIES

The institution has the infrastructure according to the need of Department of Physiotherapy with available resources.





## DEPARTMENT OF PHYSIOTHERAPY

It is fully equipped with advanced therapeutic modalities and major apparatus to meet the learning process of students according to the professional standard. It is fully equipped with modern modalities such as electrotherapy equipments, electronic and manual manipulation beds, electronic traction table etc.



## REHABILITATION GYMNASIUM

It consists of therapeutic exercise equipment such as electronic tread mills & bicycles for aerobic activities, parallel bars & stairs for gait training, exercise Balls for balance & strength training, Thera-bands for strength training, electronic tilting tables for weight bearing and Bobath beds for neurological rehabilitation.



## **DIGITAL LIBRARY**

It is available for the students at the institute with internet facilities which play an integral role for literature searching (Evidence Based Practice).

The student can easily get access to digital lab on the basis of institute ID Card. The students also use this for Biostatistics course to use SPSS during the eighth semester of the course.



## **READING LIBRARY**

Library is available which possess all the latest editions of reference books, articles and newspapers. It is helpful in self-directed studies. The reading materials are issued to students for in-campus learning.

## Teaching Methods:

Lectures/Laboratory, Reading Material/ Multi Media/ Study guide etc



## LECTURE HALLS

Lecture Halls are well equipped with facilities of comfortable seating, multimedia etc. These halls can also be used for Seminars/ CMEs.



## **PHOTOSHOP/ SOUVENIR SHOP**

It is also available for students.

## **CANTEEN**

A huge central international cafeteria is available at DIMC ,Ojha Campus

## **EXTRA CURRICULAR ACTIVITIES**

Annual sports week

DUHS gala

Farewells/ welcome parties and local dinners Picnics

Talent show

Pakistan Independence Day

Debate competitions Welfare

Society

Self Defense Workshops

World disability day World

Physiotherapy day

## **Future Prospects**

DPT students can be enrolled in MS/ MPhil Physiotherapy in Pakistan or around the world.

Employment opportunity is high in Pakistan and Middle East.

They are entitled to appear in license board examination in USA, Canada, Australia and England.

Private practice and domiciliary services can be practiced by DPT students. Teaching / research areas are widely open for these graduates.

## **FACULTY**

Assistant Professors, Senior Lecturers, Lecturers and Senior Physiotherapists have been involved in Academics and Clinical Teaching. Faculty is highly qualified, having Masters Level Qualification from foreign and national universities.

## A. STUDENT'S CONDUCT RULES


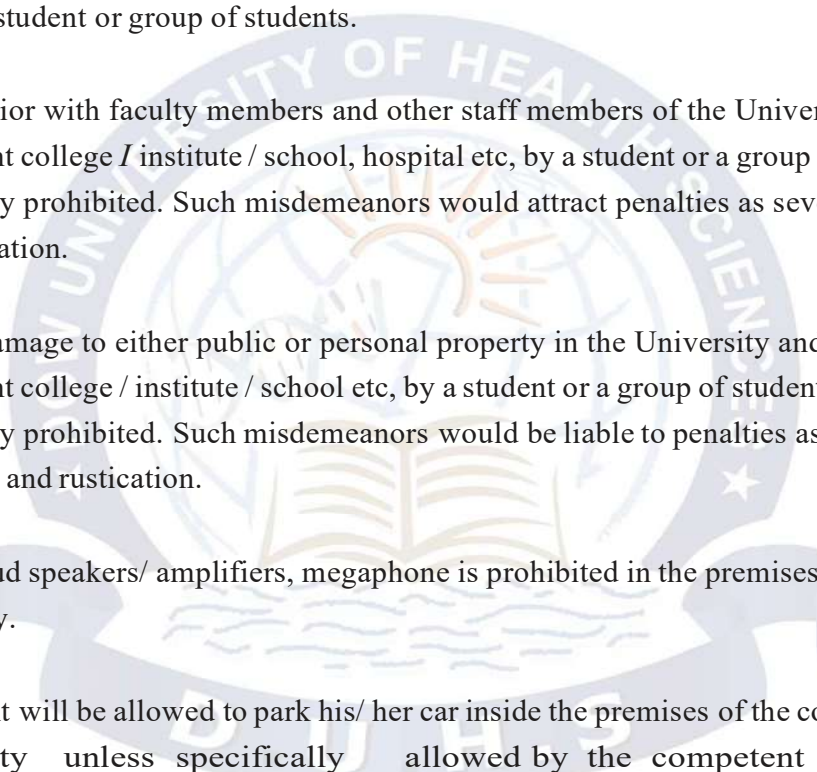

(Applicable to Undergraduate and Postgraduate students of the University and its constituent or affiliated institutions)

These rules are applicable to all students who are admitted to the Dow University of Health Sciences, and includes undergraduate and postgraduate medical and dental students, nurses and all those being trained in medical and allied health sciences.

1. No student or group of students shall form society/ association / organization with permission from Principal of College.
2. No outsider will be invited by the students to address any meeting at the University or its constituent college/ institute/ school, hospital etc whether academic, social, religious or political (without prior written permission of the authorities). Decision of authorities will be final and taken on case to case basis.
3. Students are not allowed to paste any poster, pamphlet or fix banners on the wall. Graffiti on walls (wall chalking) of the premises of the University or its constituent college/ institute/ school, hospital etc be they, academic, social, religious or political, are also not allowed.
4. During teaching hours and/ or Clinical posting, students are prohibited to play or roam around in the premises.
5. No student or group of students shall arrange any programme, picnic, musical concert sports activities etc, on their own, without prior written permission from the authorities.



6. No student or group of students are allowed to collect money for any purpose whatsoever.
7. University/ College Identity Card, (ID) should be displayed, at all times, when the students are in the premises of the University or its constituent college / institute /School / Hospital etc. Faculty members and security staff are authorized to check I.D cards at any time.
8. If any student wants to publish his/her scientific or literary article, he/she must get the draft approved, by the authorities. They are also required to submit the copy of the final article / paper (to be published) for record purposes to the University.
9. Students will not be allowed to address the media or the national press on any subject.
10. Students are forbidden to address higher authorities directly. Any communication intended for higher authorities, needs to be routed through proper channel (Vice Chancellor/ Principal / Medical Superintendent/ Director)
11. Smoking, pan chewing, littering, spitting and other activities, prejudicial to the conduct are prohibited in the classroom, laboratories, seminar/ tutorial rooms, library during and after college hours and wards during clinical postings.
12. Unless specifically permitted, no student or group of students are allowed to enter administrative and department offices / telephone exchange, or teaching areas like laboratory, lecture hall of the institution or department and/ or use office equipment(s) / machinery, like telephone, computer, printer, typewriter, overhead projector, slide projector or multimedia etc.

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13. No student is allowed to bring a weapon and/or ammunition, liable to cause injury, or any other harmful item, inside the premises.
  14. No student or group of students will threaten, stop, harass, forcibly disallow or evict another bonafide student or group of students.
  15. Misbehavior with faculty members and other staff members of the University and/or its constituent college / institute / school, hospital etc, by a student or a group of students is completely prohibited. Such misdemeanors would attract penalties as severe as expulsion and rustication.
  16. Willful damage to either public or personal property in the University and / or its constituent college / institute / school etc, by a student or a group of students, is completely prohibited. Such misdemeanors would be liable to penalties as severe as expulsion and rustication.
  17. Use of loud speakers/ amplifiers, megaphone is prohibited in the premises of the University.
  18. No student will be allowed to park his/ her car inside the premises of the college / University unless specifically allowed by the competent authority.
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## **A) SUSPENSION**

A student shall be liable for suspension upto six months if he/she commits any of the following act:-

1. Misbehaves or quarrels with any teacher or member of the staff.
2. Is generally disobedient.
3. Spreads false rumours.
4. Uses unbecoming, indecent or filthy language.
5. Incites other students to violence.
6. Is inappropriately dressed.
7. Shouts, abuses, quarrels or fights with fellow students.
8. Raises slogans to hurt others, politically or religiously.
9. Interferes with the administration, including the mode or schedule of the examination.
10. Indulges in acts of immorality.
11. Indulges in any kind of political activity including displaying posters or play cards within the College.
12. Remains absent continuously for more than 4 weeks without prior permission.

## **(B) RUSTICATION**

A student may be rusticated for a period of 3 years due to any of the following acts:-

1. Taking forceful possession, making unauthorized use or damaging any property.
2. Involving himself in any agitational activity.
3. Found indulging in activities, prejudicial and detrimental to the good order of the College.
4. Adopting unfair means during examination.
5. Disobeying an order of suspension passed against him.
6. Any other act, which the principal or the disciplinary committee considers inappropriate.
7. Anybody who does not submit the prescribed undertaking about non-involvement in political activities.

**NOTE:-**

Any student suspended or rusticated for the reasons mentioned above shall not be allowed to appear in the examinations.

**(C) EXPULSION**

A student is liable to be expelled from the college if he/she commits any of the following act and this order shall be final and irrevocable. If he/she.

1. Is found in possession of fire arms or lethal weapons or Narcotic drugs in the college premises, hostels, examination halls, teaching hospitals or any other area as specified by the university administration.
2. Remains absent for more than three months without permission of the Principal / Director, his/her admission shall be cancelled by the disciplinary committee of that college/ institute.

**DRESS CODE**

All students must wear white coat in the campuses of DIMC and Ojha campus (with a tag having name and class) and decent shoes/ sandal but no slippers, in case of default they will not be allowed to enter or a disciplinary action will be taken.

**ATTENDANCE**

Students having attendance in the class of less than 75% will not be allowed to appear in the mid-term and terminal examination as per DUHS policy.