**Criteria – I**

**1.3.4. Students undertake field visits / research projects / Industry internship / visits/Community postings as part of curriculum enrichment**

**List of Programmes and number of students undertaking field visits / research projects / internships/Industry visits/Community postings**

**School of Pharmacy & Research**

The curriculum at SOP&R includes several structural and pedagogic components that develop skills in the student. Students under went  to following courses In UG programme to enhance their skills as per the curriculum as well as for the enrichment of their skill set which make them acquainted with the Industry. These are mainly: i) Industrial training ii) Field visit in different courses like Environmental Studies, medicinal chemistry etc iii) Industrial tour iv) Industry Visit

1. Industrial training-   According to curriculum of a four year integrated degree courses of bachelor of pharmacy each students has to practical training for a period of four week in various pharmaceutical industries in India. Hence in pharmacy profession where practical knowledge is much more important along with theoretical knowledge.
2. Industrial tour- This industrial tour is beneficial to the students while correlating the theoretical and Practical aspects of their studies as per course curriculum and better understanding of their respective subject. In which the various sections of Pharmaceutical Industry was visited thoroughly by the students and interacts with the working staff during the visit about the

* Finished Drug and API  Manufacturing,
* Quality Control,
* Quality Assurance
* Packaging and
* Some other important departments of the industry

1. Industry Visit-Industry visits help enhance interpersonal skills and communication techniques. Students become more aware of industry practices and regulations during industry visits. Industry visits broaden the outlook of students with exposure to different workforces from different industries.

 In the PG Programme, students perform the research work and make a project as their work. This research project give them clear insight into the advance skills of the research with necessary instrument handling and students complete their project as per the specialization of the PG programme.

Research Project- Project type courses provide an opportunity for the students to work on a live research or industrial project. Students are supervised by faculty and assessed via components chosen on the nature of the project: literature survey and summarization, presentation (written and oral), design, development / implementation, and research contribution

Moreover, the gap between industry and academia are bridged with such type of courses and what graduating and post graduating students can do and what is desired performance has led to School of Pharmacy and Research to consider curricular enrichment courses for curricular enrichment.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. no** | **Programme name** | **Programme code** | **Number of students** | **Year** |
|  |  | | **Year 1** | |
|  | B. Pharm (Industrial training PY-806) | 04A | 40 | 2015-16 |
|  | B. Pharm (Field visit Environmental Studies FC-201) | 04A | 06 | 2015-16 |
|  | B. Pharm (Industrial tour) | 04A | 36 | 2015-16 |
|  | M. Pharm Research projects | 05B1 | 06 | 2015-16 |
|  |  | |  | **Year 2** |
| 1. | B. Pharm (Industrial training PY-806) | 04A | 50 | 2016-17 |
| 2. | Field visit (B.Pharm (Environmental Studies FC-201) | 04A | 17 | 2016-17 |
| 3. | B. Pharm (Industry Visit) | 04A | 50 | 2016-17 |
| 4. | M. Pharm Research projects | 05B1 | 03 | 2016-17 |
|  |  | | **Year 3** | |
| 1. | B. Pharm (Industrial training PY-806) | 04A | 35 | 2017-18 |
| 2. | Field visit (B.Pharm (Environmental Studies FC-201) | 04A | 22 | 2017-18 |
|  |  | |  | **Year 4** |
|  | B. Pharm (Industrial training PY-806) | 04A | 40 | 2018-19 |
|  | Industry Visit | 04A | 38 | 2018-19 |
|  | Field visit B. Pharm (Medicinal Chemistry-I BP402T) | 04A | 12 | 2018-19 |
|  | Field visit to PBRI | 04A | 33 | 2018-19 |
|  | M. Pharm Research projects | 05B1 | 08 | 2018-19 |
|  |  | |  | **Year 5** |
| 1. 1. | B. Pharm (Industrial training PY-806) | 04A | 43 | 2019-2020 |
| 1. 2. | Internship | 04A | 03 | 2019-2020 |
| 1. 3 | Field visit B. Pharm (Medicinal Chemistry-I BP402T) | 04A | 13 | 2019-2020 |
| 1. 4. | Industry Visit | 04A | 41 | 2019-2020 |

**People’s Dental Academy**

The Board of Studies (BoS) meet periodically to keep track of challenges to make the curriculum socially relevant and job oriented. The existing courses are modified and tuned keeping in view the guidelines of regulatory bodies (DCI). Dental camps comprising oral health screening, education on the same and self-identification of oral diseases, etc. are conducted focusing on the protection and improvement of oral health in patients and community at-large. It leaves behind much greater awareness and a better motivated administration. At the macro level too, it creates awareness and motivation, across a wide cross section to include Government, business houses, voluntary organizations and individual volunteers.

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| **Sno** | **Program** | **Level** | **Year** | **Activity** | **Total No** | **No. of Students** |
| 1 | BDS | UG | 2015-16 | Incinerator Visit | 1 | 74 |
| 2 |  |  |  | PHC Visit | 1 | 74 |
| 3 |  |  |  | BMW Visit | 1 | 74 |
| 4 |  |  |  | Private Dental Clinic Visit | 1 | 74 |
| 5 |  |  |  | Camp | 79 | 488 |
| 6 | BDS | UG | 2016-2017 | Incinerator Visit | 1 | 76 |
| 7 |  |  |  | PHC Visit | 1 | 76 |
| 8 |  |  |  | BMW Visit | 1 | 76 |
| 9 |  |  |  | Private Dental Clinic Visit | 1 | 76 |
| 10 |  |  |  | Camp | 60 | 385 |
| 11 | BDS | UG | 2017-2018 | Incinerator Visit | 1 | 78 |
| 12 |  |  |  | PHC Visit | 1 | 78 |
| 13 |  |  |  | BMW Visit | 1 | 78 |
| 14 |  |  |  | Private Dental Clinic Visit | 1 | 78 |
| 15 |  |  |  | Camp | 68 | 385 |
| 16 | BDS | UG | 2018-2019 | Incinerator Visit | 1 | 45 |
| 17 |  |  |  | PHC Visit | 1 | 45 |
| 18 |  |  |  | BMW Visit | 1 | 45 |
| 19 |  |  |  | Private Dental Clinic Visit | 1 | 45 |
| 20 |  |  |  | Camp | 70 | 395 |
| 21 | BDS | UG | 2019-2020 | Incinerator Visit | 1 | 95 |
| 22 |  |  |  | PHC Visit | 1 | 95 |
| 23 |  |  |  | BMW Visit | 1 | 95 |
| 24 |  |  |  | Private DentalClinic Visit | 1 | 95 |
| 25 |  |  |  | Camp | 65 | 301 |

**Peoples’ Dental Academy,**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| s. no. | **Research title** | **Name of Students** | **year** | **Status** |
| **1** | **Affordable and accessible oral health care : a Systemetic Approach, int joural of dental science and innovative research,** | Swati Agrawal | 2018-19 | Completed |
| **2** | **Effectiveness of visual communication to comprehend health education – a rationale approach,** | Swati Agrawal | 2018-19 | Completed |
| **3** | **Early Detection and Prevention of Oral Cancer : An Overview, Journal Of Community Medicine And Public Health** | Swati Agrawal | 2018-19 | Completed |
| **4** | **Discernment, Apropos on Dispensation of Hospital Waste among Paramedics - A Descriptive Study** | Swati Agrawal | 2018-19 | Completed |
| **5** | **Oral Health Status & Treatment Needs Of Patient Attending Anti Retro- Viral Therapy Among HIV Patient In Government Medical College, Bhopal- A Cross- Sectional Study** | Vineesh Vishnu, Ashwini Dayma | 2017-18 | Completed |
| **6** | **Evaluation Of Local-Delivery System Containing 80% Aloe vera Gel Used As An Adjunct To Scaling And Root Planning In chronic Periodontitis: A Clinical Study** | Prakash singh,Anshika khare | 2017-18 | Completed |
| **7** | Oral health status and treatment need among General Engineering industry (GEI): A cross sectional study. | Prakash singh,Anshika khare | 2017-18 | Completed |
| **8** | Oral health status and treatment need among tribal population of Raisen District: A cross sectional study | Prakash singh,Anshika khare | 2017-18 | Completed |
| **9** | Oral health status and treatment need among leather factory workers: A cross sectional study. | Ashwini Dayma, Anshika khare | 2016-17 | Completed |
| **10** | Validating organoleptics with instrumental halitosis measurement among patient with malodor. | Ashwini Dayma | 2016-17 | Completed |
| **11** | A Comparative clinical study to evaluate the efficacy and safety of Hiora-mouthwash in improving oral health in patients undergoing dental procedure. | Ashwini Dayma, Anshika khare | 2016-17 | Completed |
| **12** | Dental Tissue as Imperative Marker For Human Identification In Mass Disaster | Anshika khare | 2017-18 | Completed |
| **13** | Association of Osteoporosis and periodontal health among middle women: A hospital based study. | Ashwini Dayma, Anshika khare | 2017-18 | Completed |
| **14** | Use of hand signals for communication during dental procedure – a survey | Avani jain, diwakar singh | 2015-16 | Completed |
| **15** | Knowledge, attitude & behavior practice of community pharmacists towards oral health & oral hygiene product in Bhopal city | Jinal jain, blassy | 2015-16 | Ongoing |
| **16** | Use of hand signals for communication during dental procedure – a survey | Sweta ranjan | 2015-16 | Ongoing |
| **17** | Recent trends in prevention of oral cancer. | Deeksha barmate, huda nisar | 2018-19 | Ongoing |
| **18** | Development and implementation of tobacco cessation module and assess its effectiveness in dental undergraduates. | Anamika naskar, arushi chaure | 2018-19 | Ongoing |
| 19 | Assessment of intern’s and pg’s knowledge regarding equipment ergonomics. | Geetika Yadav,jhilmil | 2016-17 | Ongoing |
| 20 | Awareness of NRT among dental practitioner. | Sachin Jha,Shikha Jaiswal | 2017-18 | Ongoing |
| 21 | Importance and Awareness of Consent among dental practitioner. | Tanvee Jain, Sweta Ranjan | 2017-18 | Ongoing |
| 22 | Knowledge, attitude and Practice of Dental produces by the out patients of Dental college and hospital –questioner study | Shubhangi pathal | 2017-18 | Ongoing |
| 23 | Knowledge and attitude of pharmacist regarding sugar control in medicine in Bhopal city | Sangeeta sahu, shubham gupta | 2017-18 | Ongoing |
| 24 | Knowledge and perception regarding NRT’s and e-cigarettes among health professionals and students in Bhopal city | Kajal Detani, Prachi Dwivedi | 2018-19 | Ongoing |
| 25 | Oral cancer awareness among dental patient in Bhopal | Isha chouksey, Navneet kaur | 2018-19 | Ongoing |
| 26 | Assessment of barriers in geriatric dental care | Pratiksha Paradkar, Ragini Yadav | 2019-20 | Ongoing |
| 27 | Awareness Of Forensic Odontology Among Dental Practitioner’s | Deepali Engle ,Sufi alemin | 2019-20 | Ongoing |
| 28 | Personality Dynamics Among Dental Students Residing In Hostel And In Home | Sauma Sharma ,Nidhi Mehta | 2019-20 | Ongoing |
| 29 | Assessment of satisfaction level of patients during dental outreach programs in rural parts of Bhopal, India | Nainisha jain ,jitaksha Gandhi ,priyanka Kumari | 2019-20 | Ongoing |
| 30 | Effect of Pictorial Warning Printed On Tobacco Packing. | Shubhi, Tanishqua, Tanvee,Umang, Rais | 2019-20 | Ongoing |

**People’s Institute of Management Research**

The University recognizes the fact that field trips and excursions are important components for a student’s development. They are educationally sound and an important ingredient to the instructional program of our college. These activities supplement and enrich classroom learning and encourage new interests amongst students. It also makes them more aware of community resources and helps them relate their educational experience to the outside world. Different field trips and excursions are planned and executed at Peoples University. As such, apart from the academic development, the social and overall development of our students is also being focused. Industry tours are an integral part of the University Curriculum. These tours ensure that students gain practical insights to industry operations in their respective areas of specialization. Some of the visits that students have undertaken are:

|  |  |  |  |
| --- | --- | --- | --- |
|  | | | |
| **Program name** | **Program Code** | **Year** | **No. of students undertaking field projects / internships** |
| MBA | 07B | 2014 | 67 |
| MBA | 07B | 2015 | 90 |
| MBA | 07B | 2016 | 48 |
| MBA | 07B | 2017 | 48 |
| MBA | 07B | 2018 | 69 |
| MBA (HA) | 17B | 2015 | 9 |
| MBA (HA) | 17B | 2016 | 14 |
| MBA (HA) | 17B | 2017 | 24 |
| MBA (HA) | 17B | 2018 | 22 |

**People’s College of Dental Sciences Bhopal**

The students posted in Community Department  of the dental college are given surveys topics to be done during their posting to increase their awareness about oral health care needs of the population. this is achieved through our satellite centers through which regular school oral health programs, screening and treatment camps are carried out in urban and rural areas. This helps us to understand the community needs so as to render better care and help students to identify regional needs.

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **No. of Programs** | | **No. of students** |
| 2015-16 | Incinerator visit  PHC visit  Biomedical Waste management visit  Private Dental clinic visit  Camp visit | 3  8  3  3  118 | 56  56  56  56  602 |
| 2016-17 | Incinerator visit  PHC visit  Biomedical Waste management visit  Private Dental clinic visit  Camp visit | 4  7  4  3  88 | 72  72  72  72  294 |
| 2017-18 | Incinerator visit  PHC visit  Biomedical Waste management visit  Private Dental clinic visit  Camp visit | 3  5  4  3  69 | 77  77  77  77  251 |
| 2018-19 | Incinerator visit  PHC visit  Biomedical Waste management visit  Private Dental clinic visit  Camp visit | 3  6  3  3  67 | 84  84  84  84  288 |
| 2019-20 | Incinerator visit  PHC visit  Camp visit | 2  4  43 | 52  52  196 |

**People’s College of Paramedical Science**

* It is mandatory for all the students to undertake field projects, clinical training & or internship program as per the level of programs, as a part of their curricular activities.
* Clinical postings are initiated at junior levels, where as community postings are basically at final year. Various camps like Physiotherapy screening of Musculoskeletal disorders, Nutritional/ Ergonomic awareness, etc are organized from corporate sector to remote villages, for the students.
* The Institution had MOUs with various government & private health industries for Teaching-Learning & Research purpose. The students and faculties are exchanged among Institution like State Malaria center, Composite Regional Center, District TB hospital, Central Food and Nutrition Board, etc. Field visits of the students for few days are organized at these centers.
* UG final years are promoted to take health research projects and to present the same at the end of session.
* PG students need to undergo dissertation as a part of their specialization program. They are also promoted to undertake additional research studies and to publish in valid journals.
* All the above said provisions are mandatory for successful completion of the programs .

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| --- | --- | --- | --- | --- |
|  |  | | |  |
| Sno | Program | Level | Activity | No. of Students |
| 1 | BPT ,BMLT,DDT ,DMLT | UG | Visit (Tribal Museum ) | 112 |
| 2 | BPT,BMLT | UG | Visit (Ravindra Bhawan ) | 100 |
| 3 | BPT | UG | Community Postings | 45 |
| 4 | MPT | PG | Research Project | 12 |
| 5 | BPT | UG | Internship | 39 |
| 6 | BMLT | UG | Internship | 47 |

**People's College of Nursing & Research Centre**

The students undertake field visits as a part of community postings as prescribed in their curriculum to water purification plant ,Sanchi milk diary, Old age homes etc. The students undergo extensive community posting both in urban and rural health training centre at Indrapuri and Ratua. During these posting the students go for home visits, identify families, make family folders, and conduct awareness programs on various issues. They conduct school health and general camps.

The postgraduate students carry out research studies as a part of their curriculum to be submitted to the university for the award of degree. The undergraduate students in a group of 10 each also undertake research studies.

|  |  |  |  |
| --- | --- | --- | --- |
| Year | Programme | No. of students | Activities |
| 2015-16 | B.SC (N)IV th year  B.SC (N)IInd year  M.Sc (N) Ist year  M.Sc (N) IInd year | 92  93  13  13 | * Orientation report urban/rural * Household survey * Family folder preparation * Family care plan * Family case study * Health talk * Health camp/school health camp * Demonstration role play * Educational visit * Anganwadi visit * P.H.C visit * C.H.C visit * SOS rehabilitation centre * SOS children village * Sewage water treatment plant * Matra chhaya orphanage * Nittya seva society   Manav sanghrahalaya |
| 2016-17 | B.SC (N)IV th year  B.SC (N)IInd year  M.Sc (N) Ist year  M.Sc (N) IInd year | 91  95  12  13 | * Orientation report urban/rural * Household survey * Family folder preparation * Family care plan * Family case study * Health talk * Health camp/school health camp * Demonstration role play * Educational visit * Aganwadi visit * P.H.C visit * C.H.C visit * SOS rehabilitation centre * SOS children village * Sewage water treatment plant * Matra chhaya orphanage * Nittya seva society * Manav sanghrahalaya |
| 2017-18 | B.SC (N)IV th year  B.SC (N)IInd year  M.Sc (N) Ist year  M.Sc (N) IInd year | 93  94  15  12 | * Orientation report urban/rural * Household survey * Family folder preparation * Family care plan * Family case study * Health talk * Health camp/school health camp * Demonstration role play * Educational visit * Aganwadi visit * P.H.C visit * C.H.C visit * SOS rehabilitation centre * SOS children village * Sewage water treatment plant * Matra chhaya orphanage * Nittya seva society * Manav sanghrahalaya |
| 2018-19 | B.SC (N)IV th year  B.SC (N)IInd year  M. Sc (N) Ist year  M. Sc (N) IInd year | 80  78  13  15 | * Orientation report urban/rural * Household survey * Family folder preparation * Family care plan * Family case study * Health talk * Health camp/school health camp * Demonstration role play * Educational visit * Aganwadi visit * P.H.C visit * C.H.C visit * SOS rehabilitation centre * SOS children village * Sewage water treatment plant * Matra chhaya orphanage * Nittya seva society * Manav sanghrahalaya |
| 2019-20 | B.SC (N)IV th year  M.Sc (N) Ist year  M.Sc (N) IInd year | 95  06  13 | * Orientation report urban/rural * Household survey * Family folder preparation * Family care plan * Family case study * Health talk * Health camp/school health camp * Demonstration role play * Educational visit * Aganwadi visit * P.H.C visit * C.H.C visit * SOS rehabilitation centre * SOS children village * Sewage water treatment plant * Matra chhaya orphanage * Nittya seva society * Manav sanghrahalaya. |