

PSG COLLEGE OF PHARMACY, COIMBATORE-4
1 SEMESTER B PHARM & PHARM D ORIENTATION PROGRAMME
ACADEMIC YEAR 2021 - 2022

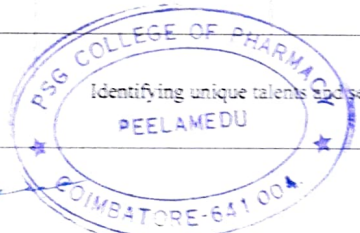
Date & Day	9.00 am - 10.00 am	10.10am - 11.00 am	11.00am - 12.00 noon	1.30 pm - 2.15pm	2.30 pm - 3.00 pm	3.00 pm -4.00pm
20.01.2022 Thursday	Common Induction Program (Auditorium) Mentoring			ISO & NAAC - Dr G Syamala	Introduction Department of Pharmaceutical Chemistry	
21.01.2022 Friday	Introduction about PSGCOP, PSG Group of Institution, Dr. M. Ramanathan	Fresher's self introduction		Visit - Hospital Pharmacy, Community Pharmacy, Library, Herbal Garden & Department of Pharmacology		
24.1.2022 Monday	Group Discussion General Topics, Podium Presentation By Dr S.Lavanya Dr S.Ravichandran & Dr Karthik D			Games and activity Mr. Kalavanan, Ms. Deepthi, Mr Ebin and D.Sivakumar		
25.1.2022 Tuesday	Understanding Pharmacy Profession, Why? Dr.V.Sankar	Story Telling and Kindle of Creativity Dr.K.Umaa, Sruthi Vinod		News Letter / Magazine Preparation Mr.M.Nithyanand		
27.1.2022 Thursday	Parenting and Money value Dr. Kadhar Batcha	Overcoming Challenges Looking Opportunity Mr.S. Karthikeyan		NSS YRC RRC Blood Donation camp D.Sivakumar	Alumni Interaction Clinical Pharmacist	
28.1.2022 Friday	Introduction Department of Pharmacology - Dr. D. Karthik	Introduction Department of Pharmaceutics Dr.S. Subramaniam	Introduction Department of Pharmacy Practice Dr. P. Rama	Language Assessment - Mrs.S.Nithya	Evaluation process and Examining authority - Dr.K.Umaa	
31.1.2022 Monday	Introduction Department of Pharmaceutical Analysis - Dr. S. Ravichandran	Academic scope/ various awards - Dr.V.Sankar	Different Committees - Mrs. S.Vijayalakshmi	Placement Opportunities Dr.V.Sivakumar	Introduction Department of Pharmacognosy - Mrs. S. Vanitha	
01.2.2022	Code of Conduct Awareness program Dr.V.E.Ilda Christi	Identifying unique talents and segregation		ISO - Introduction Dr.S.Malathi	Environmental awareness - Mr. Madhavan	

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02.2.2022	Alumni interaction B Pharm	Fire and Safety Process Mr. Raja Gopal	Moodle, Learning skill, Preparing notes, Observation technique – Dr. S. E. Maida Engels	Fire and Safety Process Demonstration Mr. Raja Gopal	Alumni interaction Pharm D
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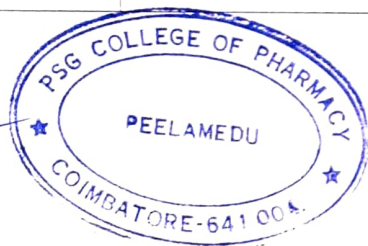


Dr. M. Ramanathan
Principal

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Date & Day	9.00 am– 10.00 am	10.10am– 11.00 am	11.00am – 12.00		2: 00 – 4:00 pm
3.2.2022 Day 4	Inorganic Chemistry (Sruthi Vinod)	Biology (Abin V Geevargese)	Organic Chemistry (Dr.K.Umaa)	L U N C H B R E A K	Group Activity – Inorganic Chemistry (Sruthi Vinod)
4.2.2022 Day 5	Biology (Abin V Geevargese)	Inorganic Chemistry (Dr.S.Malathi)	Organic Chemistry (Dr. S E Maida Engels)		Group Activity – Biology (M.Ram Pravin Kumar)
7.2.2022 Day 1	Organic Chemistry (S.Saranya)	Biology (M.Deepthi)	Inorganic Chemistry (Dr.S.Ravichandran)		Group Activity – Organic Chemistry (M Sangeetha)
8.2.2022 Day 2	Inorganic Chemistry (Dr.S.Ravichandran)	Organic Chemistry (J Anu Deepa)	Biology (M.Deepthi)		Group Activity - Inorganic Chemistry (Dr. S.Malathi)
9.2.2022 Day 3	Biology (Dr.S. MuthuKrishnan)	Inorganic Chemistry (Sruthi Vinod)	Organic Chemistry (M Sangeetha)		Group Activity – Biology (Abin V Geevargese)
10.2.2022 Day 4	Organic Chemistry (D.Sivakumar)	Biology (Dr. S.MuthuKrishnan)	Inorganic Chemistry (Dr. S.Malathi)		Group Activity - Organic Chemistry (Dr. S E Maida Engels)
11.2.2022 Day 5	Revision – Organic Chemsitry	Revision - Biology	Revision – Inorganic Chemsitry		General Discussion

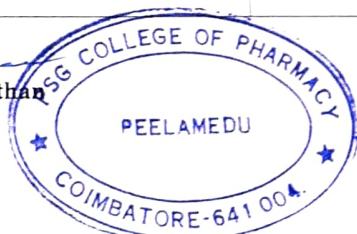

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Date & Day	9.00 am– 10.00 am	10.10am– 11.00 am	11.00am – 12.00	2: 00 – 4:00 pm
14.2.22 (Day 1)	Dictation & Writing – Organic Chemistry Mrs.M.Sangeetha	Dictation & Writing – InOrganic Chemistry Mr.R.Hariprasad	Dictation & Writing – Biology Ms. M.Deepthi	Open Book Writing with Question & Answers Pattern – Organic Chemistry Mrs. M.Sangeetha
15.2.22 (Day 2)	Dictation & Writing – Inorganic Chemistry Dr.S.Ravichandran	Dictation & Writing – Organic Chemistry D.Sivakumar	Dictation & Writing – Biology Mr.M.Ram pravin kumar	Open Book Writing with Question & Answers Pattern - Biology Mr. Abin V. Geevarghese
16.2.22 (Day 3)	Reading & Writing skills Organic Chemistry Mrs.J.Anudeepa	Reading & Writing skills Biology Ms. M. Deepthi	Reading & Writing skills Inorganic Chemistry Mr.R.Hariprasad	Open Book Writing with Question & Answers Pattern – Inorganic Chemistry Dr. S. Ravichandran
17.2.22 (Day 4)	Class Teaching & Notes Preparation -Inorganic Chemistry Dr.S.Ravichandran	Class Teaching & Notes Preparation Biology Mr. Abin G Vargeesh	Class Teaching & Notes Preparation Organic Chemistry Mrs. J. Anudeepa	Group Activity – Mock Parliament Mr. R. Hariprasad
18.2.22 (Day 5)	Class Teaching & Notes Preparation Biology Dr. S. Muthukrishnan	Class Teaching & Notes Preparation Inorganic Chemistry Mr. R. Hariprasad	Class Teaching & Notes Preparation Organic Chemistry Dr. S.E. Maida Engels	Group Activity – Advertisement Preparation for Business Mr.D.Sivakumar
21.2.22 (Day 1)	Vision, Mission statement , CO/PO, Course outcome, Version Dr. M. Ramanathan	Mentor & Mentee Form filling Mr. D. Sivakumar	Chemical Safety & Handling Mrs. S. Saranya	Magazine Preparation / Letter writing
22.2.22 (Day 2)	Fire and Safety Process Mr. Raja Gopal	Fire and Safety Process (Ground) Mr. Raja Gopal		House separation & House captains – Students Council
23.2.22 (Day 3)	Entry level assessment	Council members segregation & different clubs – Students council	Syllabus Distribution & Introduction to teachers	Bio Data

Dr. M. Ramanathan
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PSG COLLEGE OF PHARMACY, COIMBATORE – 641004

REPORT ON ORIENTATION PROGRAMME (2021 – 22)

Induction program

Organized by: PSG College of Pharmacy

Attended by: Parents and students of B.Pharm & Pharm D

Venue: PSG IMSR Auditorium

Date: 20/01/2022

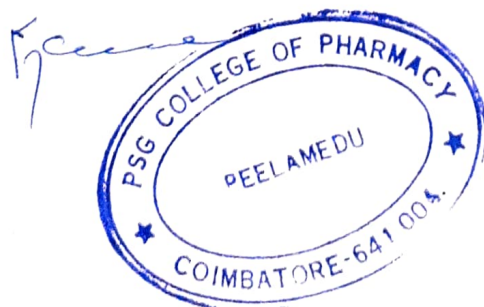
The orientation program for the newly admitted undergraduate students of B.Pharm & Pharm D was organized from 20/1/2022 to 02/02/2022. The program began with the common induction program at PSG IMSR Auditorium on 20/01/2022. Students and their parents were formally welcomed and introduced to the academic aspects, rules and regulations of the college and also ensuring parental participation. Students were allotted with their mentors in the forenoon session.

On 20/01/22 afternoon session the orientation started with introduction to ISO & NAAC by Dr.G.Syamala , followed by introduction to department of pharmaceutical chemistry. Next day on 21/01/2022 introduction about PSGCP, PSG Group of institutions by Dr.M.Ramanathan, Principal, PSG College of Pharmacy followed by fresher's self introduction and visits to hospital pharmacy, Community Pharmacy, Library, Herbal Garden and Department of Pharmacology.

Next day on 24/01/2022 it was group discussion and podium presentation followed by games and activity (Dr.K.Umaa, Sruthi Vinod and Mr.M.Nithyanand) On 25/01/2022 Dr.V.Sankar, Vice principal, PSG College of Pharmacy discussed about understanding pharmacy profession followed by kindle of creativity and magazine preparation.


On 27/01/2022 Dr.Khader bhatcha started with parenting and money value followed by Overcoming Challenges Looking Opportunity, NSS Introduction and alumni interaction (S.Karthikeyan and D.Sivakumar). Next day 28/01/2022 it was introduction about departments of pharmacy practice, Pharmaceutics and pharmacology. Followed by language assessment and evaluation and examining authority (Dr. D. Karthik, Dr.S. Subramaniam,Dr. P. Rama,Mrs.S.Nithya and Dr.K.Umaa).

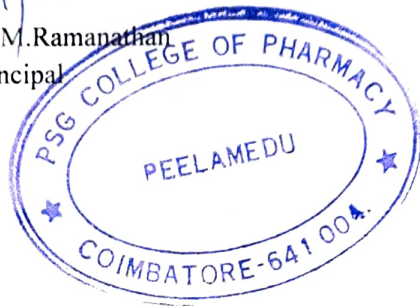
Next day 31/01/2022 started with Introduction Department of Pharmaceutical Analysis , Academic scope/various awards , Different Committees ,Placement Opportunities and Introduction Department of Pharmacognosy (Dr. S. Ravichandran, Dr.V.Sankar ,Mrs. S.Vijayalakshmi ,Dr.V.Sivakumar and Mrs. S. Vanitha)



On 01/02/2022 students were given awareness about ,Identifying unique talents and segregation ,ISO – Introduction by Dr.S.Malathi, Code of Conduct & Environmental Awareness program by Dr.S.Madhavan.

On last day 02/02/2022 students were engaged with Alumni interaction B Pharm , Fire and Safety Process Moodle, Learning skill, Preparing notes, Observation technique – Dr. S. E. Maida Engels, Fire and Safety Process Demonstration and Mr. Raja Gopal Alumni interaction Pharm D


Dr.M.Ramanathan
Principal



Medicinal Biochemistry

1. Carbohydrates:

It is a biomolecule consisting of carbon, hydrogen and oxygen atoms, usually with a hydrogen-oxygen atom ratio of 2:1 and thus the empirical formula is $(C_n(H_2O)_n)$ where n and m may or may not be same.

Ex: Glucose ($C_6H_{12}O_6$), Starch found in food grains

2. Monosaccharides:

They are polyhydroxy aldehydes or ketones which cannot be further hydrolysed to simple sugar. They are sweet in taste and soluble in water.

Ex: Glucose, Fructose and galactose

3. Polysaccharide:

Complex carbohydrate polymer consisting more than 2 monosaccharides linked together covalently by glycosidic linkages in a condensation reaction.

Ex: cellulose, glycogen, & Starch

4. Oligosaccharides:

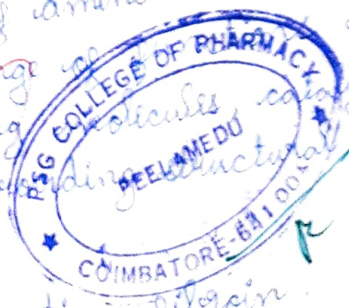
It is a carbohydrate polymer comprising three to ten monosaccharides, linked by O-glycosidic bond b/w an anomeric carbon of a monosaccharide and the other. They can also form N-glycosidic linkages under certain atmospheric.

Ex: Raffinose and Stachyose.

5. Protein:

Proteins are polypeptide structure consisting of one or more long chains of amino acid residues. They carry out a wide range of functions like DNA replication, transporting, metabolic reactions and providing structural support to cells.

Ex: Collagen, elastin, α -keratin, fibrin.



insulin, amylo...

1. Carbohydrates

An organic compound that occurs in living tissues or food and that can be broken down into energy by people or animals.

example - sugar

2. Monosaccharide

They are the simplest form of sugar & the most basic units of carbohydrates. They are usually colourless, water soluble & crystalline solids.

example - glucose, fructose

3. Polysaccharides

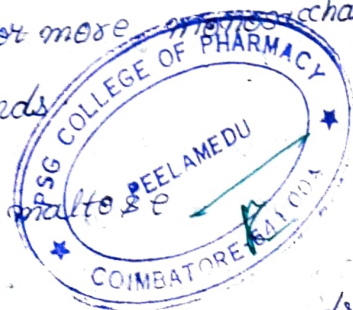
They are the most abundant carbohydrate found in food. They are long chain polymeric carbohydrates composed of monosaccharide units bound together by glycosidic linkages.

example - starch, cellulose

4. Oligosaccharides

These are formed when 2 or more monosaccharides join together by O-glycosidic bonds.

example - sucrose, lactose, maltose



5. Proteins

A substance that has amino acids, compounds & carbon, hydrogen, oxygen, nitrogen & sometimes sulfur & is found in many foods.
e.g. insulin, antibodies

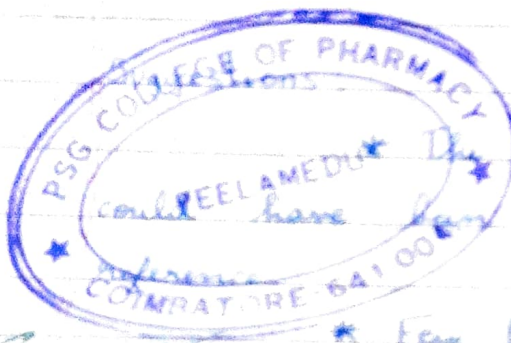
ORIENTATION CLASS FEEDBACK

Pros:

- * Classes felt like a revision of highschool science chapters and was quite helpful
- * Helped a lot to recollect old lessons and also served as a chance to learn topics that we didn't know
- * Teachers have tried their best to make it easily understandable

Cons:

- * Classes went too fast and we didn't have enough time to learn the chapters in-depth.
- * So many chapters were uncovered.
- * Group activities weren't helpful enough.



The presentation slides made by the teachers could have been shared with the students for future reference.

- * Few teachers could have been more approachable
- * Topics to be learned could have been given in advance.

ORIENTATION FEEDBACK.

It was excellent and useful. 1st day I didn't know about the program. But now I got a clear sight of what I am going to do for next 4 years and how. Through this orientation, I came to know about the jobs and profession and how each and every course work in outside world.

Not only academics, this orientation have also clarified many aspects of our college especially the importance of Mentor, Student Council, code of conduct, departments and other student welfare cells.

This orientation period was helpful and gave us enough time to interact and get comfortable with our fellow students.

Recalling of our 12th grade subjects brought us back to track and clarified our silly and little doubts we had. Thanks for conducting such a wonderful orientation.

