

Savitribai Phule Pune University

Annual Report Information 2022-2023

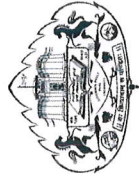
Planning and Development



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College Details					
1. Name Of the Department/College/Institute	: Progressive Education Society P.E.S. MODERN COLLEGE OF PHARMACY Addr: SECTOR - 21 YAMUNANAGAR NIGDI PUNE 44 Ta: Pimpri Chinchwad (corporation Area) Dist: Pune	: SECTOR - 21 YAMUNANAGAR NIGDI PUNE 44 Ta: Pimpri Chinchwad (corporation Area) Dist: PunePincode: 411044			
2. Address Of the Department/College/Institute					
3. Name Of the Head/Principal/Director	: Pravin Digambar Chaudhari	: Tele.- 020-27661315 Email- mcpnigdi44@gmail.com URL- www.mcop.org.in			
4. Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address					
5. Reference Books/Monographs Published by Teacher (2022-2023) :					
Sr. No.	Name of the Teacher(s)/Author	Title of the Reference Books/Monographs	Name and Place of Publisher(s)	Date of Publication	Isbn/Issn No.
1	Shaikh Karimunnisa Sameer	Concepts of Industrial Pharmacy-I	Career and Pharma Publications	2022	978-93-80744-79-7 / NA
2	Kuchekar Mohini Chetan	Dietary Supplements and Nutraceuticals	Technical publications	2022	9789355850539 / nil
3	More Anuradha Ghanshyam	The Microbial World: Exploring the Diversity of Bacteria	Rubicon Publication	2023	978-1-80433-971-8 /
4	More Anuradha Ghanshyam	Therapeutic Benefits of Medicinal Herbs	Rubicon Publications	2022	978-1-913482-28-2 / NA
5	More Anuradha Ghanshyam	Advances in Pharmaceutical and Biomedical Sciences	AKINIK Publicat on	2022	978-93-5570-011-7 / NA
6	Kakad Kalyani Shrinivas	Recent Advances in Microfluidics for Drug Screening and its Applications	AkiNik Publications Delhi 110085 India	2022	o / 0
7	Shaikh Karimunnisa Sameer	Concepts of Industrial Pharmacy-I	Career and Pharma Publications	2022	978-93-80744-79-7 / 978-93-80744-79-7
8	Pimple Bhushan Prakash	Therapeutic Activities of Nutmeg (Myristica fragrance)	Apple Academic Press, Inc.	2022	9781774637142 / 2590-0773
9	Kakad Kalyani Shrinivas	QUANTITATIVE ANALYSIS OF URSOLIC ACID IN THE LEAVES OF SPECIES OF GENUS TECOMA AND TABEBUIA OF BIGNONIACEAE FAMILY BY HIGH-PERFORMANCE THIN-LAYER CHROMATOGRAPHIC METHOD	Innovare Academic Sciences PVT LTD	2022	978 81 952065 9 9 / 978 81 952065 9 9





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6. No. of Conference, Symposia, Seminars, Workshops etc. Organized (2022-2023)						
Sr. No.	No. of State Level	No. of National Level		No. of International Level		
1	0	0		1		
7. Research Publications in National and International Journals/Edited Books/Proceedings (2022-2023)						
Sr. No.	Name of the Teacher's/Author	Title of the Paper	Name of the Journal/Proceeding/Edited Book	Volume & Pages	Year of Publication	ISBN/ISSN No.
1	Kakad Kalyani Shrinivas	Formulation and Characterization Tagetes erecta Nanosuspensionwith Enhanced Antihyperlipdemic Potential	Bulletin of Environment Pharmacology and Life Sciences	Special Issue 1 & 9	2022	2277 1808 / 2277 1808
2	Kakad Kalyani Shrinivas	Chemical fingerprinting of Curcumin and Berberinin selected ayurvedic formulation and herbs recommended for skin infection	International journal of Biology Pharmacy and allied sciences	12 & 1	2023	2277-4998 / 2277-4998
3	Kakad Kalyani Shrinivas	Extraction isolation characterization of curcumin I from curcuminoids	Journal of Polymer and composites	10 & 1	2022	2321-2810 / 2321-2810
4	Nipate Sonali Sukhdeo	Protective Effect of Flavonoid Rich Fraction of Sesbania grandiflora Leaves against Chemically Induced Urolithiasis in vitro and in vivo	International Journal of Pharmaceutical Sciences Review and Research	72 & 140	2022	0976-044X / 0976-044X
5	Nipate Sonali Sukhdeo	Anti-arthritis potential of ethyl acetate fraction of Pinus roxburghii Sargent stem bark in Freund's complete adjuvant induced arthritis in Wistar rats	Multidisciplinary Science Journal	5 & 2023046	2023	2675-1240 / 2675-1240





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6	Nipate Sonali Sukhdeo	Evaluation of anti-atherosclerotic potential of <i>Tinospora cordifolia</i> in high-fat diet-induced atherosclerosis with associated changes in histological and biochemical parameters	Future Journal of Pharmaceutical Sciences	9 & 40	2023	2314-7253 / 2314-7253
7	Nipate Sonali Sukhdeo	Comparative evaluation of lipsticks developed using isolated pigments of <i>Capsicum annuum</i> and <i>Lycopersicon esculentum</i> fruits and various natural bases	International Journal of Experimental Research and Review	30 & 352	2023	2455-4855 / 2455-4855
8	Nipate Sonali Sukhdeo	Exploration of anti-atherosclerotic activity of <i>Origanum majorana</i> L. in experimental animals with high-fat diet-induced atherosclerosis	International journal of pharmaceutical sciences and research	14 & 3144	2023	0975-8232 / 2320-5148
9	Pimple Smita Sachin	NANO GEL BASED TOPICAL DRUG DELIVERY: SAGA OF PROGRESSIVE PHARMACOTHERAPEUTIC JOURNEY AND RECENT APPLICATION PERSPECTIVES	International Journal of Pharmaceutical Sciences and Research	14 & 15	2023	- / 09758232
10	Ajankar Nayan P., Pimple Smita S., Chaudhari P. D.	Molecular Docking and Molecular Dynamic Simulation Studies of Zidovudine and Lamivudine against Novel Targets of Human Immunodeficiency Virus	European Chemical Bulletin	12 & 13	2023	- / 2063-5346
11	Pimple Smita Sachin	BUCCAL FILM-BASED NOVEL DRUG DELIVERY SYSTEM: RECENT CONCEPTS AND APPLICATION PERSPECTIVES	International Journal of Pharmaceutical Sciences and Research	14 & 12	2023	- / 09758232





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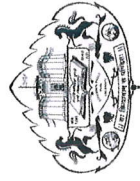
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12	Pimple Smita Sachin	A REVIEW ON RECENT ADVANCES IN EMERGING NANOPARTICLE-BASED BUCCAL DELIVERY SYSTEMS FOR ANTI-RETROVIRAL DRUG DELIVERY	International Journal of Pharmaceutical Sciences and Research	14 & 10	2023	- / 09758232
13	Pimple Smita Sachin	NOVEL DRUG DELIVERY SYSTEMS FOR EFFECTIVE DELIVERY OF DRUGS IN THE MANAGEMENT OF RHEUMATOID ARTHRITIS	International Journal of Pharmaceutical Sciences and Research	14 & 11	2023	- / 09758232
14	Pimple Smita Sachin	Fabrication and Evaluation of Solid Self Emulsifying Drug Delivery System of Dolutegravir sodium by using Adsorption to Solid Carrier Techniques	Research Journal of Pharmacy and Technology	15 & 8	2022	NA / 0974-3618
15	Balap Aishwarya R, Ahire Sushant S	DEVELOPMENT AND VALIDATION OF STABILITY-INDICATING HPTLC ASSAY METHOD OF REMOGLIFLOZIN ETABONATE IN BULK AND MARKETED FORMULATION	International Journal of Pharmaceutical Sciences and Research	13 & 10	2022	0975-8232 / 2320-5148
16	Balap Aishwarya Ramchandra	Anti-arthritis potential of ethyl acetate fraction of Pinus roxburghii Sargent stem bark in Freund's complete adjuvant induced arthritis in Wistar rats	Multidisciplinary Science Journal	5 & 9	2023	NA / 2675-1240
17	Balap Aishwarya Ramchandra, Dudhe Aniket Padmakant	Stability Indicating HPTLC Method Development and Validation for Quantification of Favipiravir in Bulk and Commercial Film Coated Tablet	International Journal of Pharmaceutical Investigation	13 & 8	2023	- / Print -2230-973X, Online - 2230-9713





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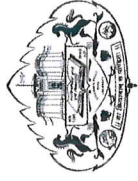
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18	Balap Aishwarya Ramchandra	Design, formulation and evaluation of polyherbal gel containing Honey and Catharanthus-roseus flower extract for its wound healing Activity	High Technology Letters	29 & 13	2023	NA / 1006-6748
19	Balap Aishwarya Ramchandra	Effect of Andrographis paniculata extract and Andrographolide on the pharmacokinetics of Aceclofenac and Celecoxib in rats	Future Journal of Pharmaceutical Sciences	9 & 9	2023	NA / 2314-7253
20	Balap Aishwarya Ramchandra	Development of a New Validated Stability-Indicating High-Performance Thin-Layer Chromatography Method for Determination of Dosulepin HCl in Bulk and Marketed Formulation with Characterization of its Degradants by Liquid Chromatography-Mass Spectrometry	Asian Journal of Pharmaceutical Research and Health Care	15 & 7	2023	NA / Print: 2250-1444, Online: 2250-1460
21	Shaikh Karimunnisa Sameer	Exploring Cytotoxic Potential of Ciclopirox on Colorectal Cancer Cells by In-Silico Methodology	Biointerface Research in Applied Chemistry	12 & 7287	2022	2069-5837 / 2069-5837
22	Shaikh Karimunnisa Sameer	Repurposing Ciclopirox for treating multiple forms of Cancer: new reports and approaches	Journal of Medical Pharmaceutical and Allied Sciences	11 & 4727	2022	2320-7418 / 2320-7418
23	Shaikh Karimunnisa Sameer	Drug Delivery of Eugenol And Methods Thereof	International Journal of Biology, Pharmacy and Allied Sciences	11 & 2320	2022	2277- 4998 / 2277- 4998
24	Shaikh Karimunnisa Sameer	Gradient RP-HPLC method development and validation for simultaneous estimation of paclitaxel and albendazole	International Journal of Health Sciences	6 & 6595	2022	17914299 / 17914299, 17914728





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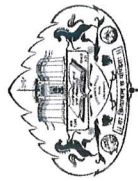
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25	Shaikh Karimunnisa Sameer	Validated UV-Vis Spectrophotometric Method for the Estimation of Sorafenib Tosylate in Bulk and Nanoparticles	International Journal of Health Sciences	6 & 4011	2022	17914299 / 17914299
26	Shaikh Karimunnisa Sameer	Development And Validation Of Novel Rp-Hplc-Dad Method For Quantification Of Lapatinib Ditosylate In Newer Nano-Liposome Formulation: A Quality By Design (Qbd) Approach	International Journal of Applied Pharmaceutics	14 & 239	2022	0975-7058 / 0975-7058
27	Shaikh Karimunnisa Sameer	Stability of Co-amorphous Solid Dispersions: Physical and Chemical Aspects	Journal of Structural Chemistry	4 & 30	2023	00224766 / 00224766
28	Kuchekar Mohini Chetan	Antidiabetic Potential of Ficus glomerata Roots with a Special Emphasis on Estimation of Bioactive compounds by a Novel Validated HPTLC Technique	Indian Journal of Pharmaceutical Education and Research	56 & 7	2022	0 / 0019-5464
29	Kuchekar Mohini Chetan	Phytochemistry and pharmacology of pterocarpus santalinus and its role in dermatology	Asian Journal of Pharmaceutical and Clinical Research	15 & 6	2022	0 / 2455-3891
30	Kuchekar Mohini Chetan	Verbena officinalis (Verbenaceae): Pharmacology, Toxicology and role in female health. International Journal of Ayurvedic Medicine,	International Journal of Ayurvedic Medicine	13 & 8	2022	0 / 0976-5921
31	Pimple Bhushan Prakash	High-Performance Thin Layer Chromatography Method Development to Estimate Phytoconstituents in Hedychium species	International Journal of Drug Delivery Technology	13 & 367	2023	0975 4415 / 0975 4415





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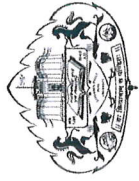
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32	Pimple Bhushan Prakash	DEVELOPMENT AND VALIDATION OF CHROMATOGRAPHIC METHOD FOR ANALYSIS OF SOME POLYCYCLIC HYDROCARBONS IN SOYBEAN OIL	European Chemical Bulletin	12 & 814	2023	2063-5346 / 2063-5346
33	Pimple Bhushan Prakash	Pharmacognostic Investigations of Impatiens balsamina Linn.	International Journal of Experimental Research and Review	30 & 119	2023	2455-4855 / 2455-4855
34	Pimple Bhushan Prakash	Comparative evaluation of lipsticks developed using isolated pigments of Capsicum annum and Lycopersicon esculentum fruits and various natural bases	International Journal of Experimental Research and Review	30 & 352	2023	2455-4855 / 2455-4855
35	Pimple Bhushan Prakash	EXPLORATION OF ANTI-ATHEROSCLEROTIC ACTIVITY OF ORIGANUM MAJORANA L. IN EXPERIMENTAL ANIMALS WITH HIGH-FAT DIET-INDUCED ATHEROSCLEROSIS	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH	14 & 3144	2023	0975-8232 / 0975-8232
36	Pimple Bhushan Prakash	Anti-arthritis potential of ethyl acetate fraction of Pinus roxburghii Sargent stem bark in Freund's complete adjuvant induced arthritis in Wistar rats	Multidisciplinary Science Journal	5 & 2023046	2023	2675-1240 / 2675-1240
37	Pimple Bhushan Prakash	Development of Validated Stability Indicating HPTLC Method for Estimation of Febuxostat in Bulk and Tablet Dosage Form by Using QBD Approach	International Journal of Drug Delivery Technology	13 & 542	2023	0975 4415 / 0975 4415
38	Pimple Bhushan Prakash	Morphological and anatomical characterization of Plumeria obtusa L.: An Ayurvedic medicinal plant	Annals of Phytomedicine	11 & 787	2022	2393-9885 / 2393-9885





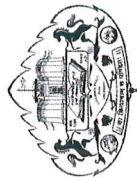
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39	Pimple Bhushan Prakash	Macroscopic and Microscopic Evaluation of Sansevieria cylindrica Plant	Pharmacognosy Research	14 & 412	2022	0974-8490 / 0974-8490
40	Pimple Bhushan Prakash	Comparative Investigation of Hair Shampoos Formulated Using Different Herbal Extracts	INTERNATIONAL JOURNAL OF PHARMACEUTICAL QUALITY ASSURANCE	13 & 363	2022	0975 9506 / 0975 9506
41	Gojare Snehal Ambadas	Evaluation of anti-atherosclerotic potential of Tinospora cordifolia in high-fat diet-induced atherosclerosis with associated changes in histological and biochemical parameters on Wistar rats	Future Journal of Pharmaceutical Sciences	9 & 8	2023	2314-7253 / 2314-7253
42	Gojare Snehal Ambadas	EVALUATION OF IN VITRO ANTI-ULTRATHINACTIC ACTIVITY OF SOLANUM TUBEROSUM ON CALCIUM OXALATE CRYSTALS	International Journal of Current Pharmaceutical Research	14 & 6	2022	0975-7066 / 0975-7066
43	More Anuradha Ghanshyam	Preparation and Characterization of Advanced Nano medicine For Malaria: Box Behnken Design Approach	International Journal of Life Science and Pharma Research	12 & 16	2022	00 / 2250-0480
44	More Anuradha Ghanshyam	Formulation and Evaluation of Polyherbal Anti-Dandruff Shampoo	International Journal of Ayurvedic Medicine	13 & 5	2022	NA / 0976-5921
45	More Anuradha Ghanshyam	Antihistaminic effects of Azadirachta indica leaves in laboratory animals	International Journal of Ayurvedic Medicine	13 & 4	2022	NA / 0976-5921
46	Kale Sangita Abasaheb	Validated UV-Vis spectrophotometric method for the estimation of Sorafenib Tosylate in bulk and nanoparticles	International Journal of Health Sciences	6 & 9	2022	na / 2550-696x





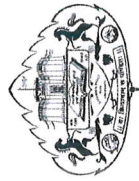
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47	Gaikwad Nikita Maruti	Gradient RP-HPLC method development and validation for simultaneous estimation of paclitaxel and albendazole	International journal of health sciences	S3 & 65956605	2022	65956978 / 2550-6978
48	Jadhav Shailaja Bhanudas	The anti-alzheimer potential of some novel Tacrine-coumarin derivatives as a cholinesterase inhibitor	International Journal of Health Sciences	6 & 10910	2022	2550-696x / 2550-6978
49	Jadhav Shailaja Bhanudas, Vawhal Pallavi	Design, synthesis, and biological evaluation of 3-chloro-2-oxo-N-(aryl carbamoyl)-2H-1-benzofuran-6-sulfonamide derivatives as potential DPP-IV inhibitors	International Journal of Health Sciences	6 & 373	2022	2550-696x / 2550-6978
50	Jadhav Shailaja Bhanudas	Recognizing novel drugs against Keap1 in Alzheimer's disease using machine learning grounded computational studies	Frontiers in Molecular neuroscience	5 & 1662	2022	1662-5099 / 1662-5099
51	Jadhav Shailaja Bhanudas	Coumarin-Based Sulfonamide Derivatives as Potential DPP-IV Inhibitors: Pre-ADME Analysis, Toxicity Profile, Computational Analysis, and In Vitro Enzyme Assay	Molecules	28 & 1004	2023	1420-3049 / 1420-3049
52	Jadhav Shailaja Bhanudas	Design, synthesis and molecular docking study of N-heterocyclic chalcone derivatives as an anticancer agents	International Journal of Pharmaceutical Sciences and Drug Research	14 & 78	2022	0975-2348X / 0975-2348X
53	Jadhav Shailaja Bhanudas	Design, molecular docking studies and ADMET prediction of Chalcones of Indole-benzenesulfonyl derivatives as Thioredoxin inhibitor for anticancer activity	Journal of Computational Biophysics and Chemistry	21 & 1	2022	2737-4173 / 2737-4165





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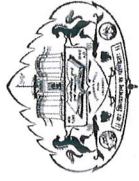
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54	Jadhav Shailaja Bhanudas	Synthesis, Characterization and Screening of Some Novel 2-Methyl-N'-[(Z)-substituted -Phenylethylidene] Imidazo [1,2-A]Pyridine-3-Carbohydrazide Derivatives as DPP-IV inhibitors for the Treatment of Type 2 Diabetes Mellitus	Letters in Drug Design and Discovery	19 & 160	2022	1875-628X / 1570-1808
55	Jadhav Shailaja Bhanudas	Design, synthesis, and biological evaluation of 3-chloro-2-oxo-N-(aryl carbamoyl)-2H-1-benzopyran-6-sulfonamide derivatives as potential DPP-IV inhibitors	International Journal of Health Sciences	6 & 373	2022	2550-696x / 2550-6978
56	Jadhav Shailaja Bhanudas	Virtual Screening, Synthesis, and Biological Evaluation of Some Carbohydrazide Derivatives as Potential DPP-IV Inhibitors	Molecule	28 & 149	2022	1420-3049 / 1420-3049
57	Kedar Kalyani Abhimanyu	Cytotoxic, antioxidant and phytochemical analysis of Ethyl acetate extract of Putranjiva roxburghii wall	ADVANCES IN BIORESEARCH	13 & 1	2022	2277- 1573 / 2277-1573
58	Kakad Kalyani Shrinivas	Investigation of hypoglycemic, anticholesteremic, in vivo antioxidant and pancreatic beta cell protective effect of Tecoma gaudichaudi DC leaves in streptozotocin-induced diabetic rats	Bulletin of Environment, Pharmacology and Life Sciences BEPLS	11 & 1	2022	2277-1808 / 2277-1808
59	Kakad Kalyani Shrinivas	Cytotoxic, antioxidant and phytochemical analysis of Tecoma gaudichaudi DC (Bignoniaceae)	Bulletin of Environment, Pharmacology and Life Sciences	11 & 1	2022	2277-1808 / 2277-1808





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60	Kakad Kalyani Shrinivas	HIGH PERFORMANCE THIN LAYER CHROMATOGRAPHY (HPTLC) METHOD DEVELOPMENT AND VALIDATION FOR DETERMINATION OF REMOGLIFLOZIN ETABONATE AND VILDAGLIPTIN IN BULK AND ITS TABLET FORMULATION.	International journal of applied Pharmaceutics	14 & 3	2022	0975 7058 / 0975 7058
61	Mahajan Gaurav ,Pimple Smita	Development & Characterization of Niosomal Insitu Gel of Ritonavir	72nd Indian Pharmaceutical Congress (IPC)	71	2023	- / -

8. Research Projects/Schemes Undertaken by Teachers (2022-2023)

Sr. No.	Name of the Investigator(s)	Faculty	Title of the Research Project/Scheme	Name of the Funding Agency	Duration of the Project/Scheme	Amount Sanctioned (Rs.)	Major/Minor
NA	NA	NA	NA	NA	NA	NA	NA

9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2022-2023)

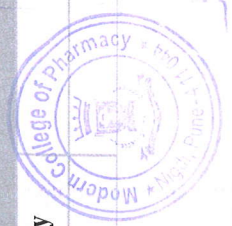
Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	0	3	2

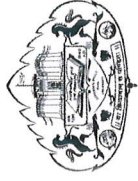
10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2022-2023)

Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise
1	7	0	0	0

11. Grants Sanction for Funding Agency (2022-2023)

Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other
1	NA	NA	NA	NA	NA





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12. Faculty Wise Enrollment Of Students (2022-2023)

Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
Pharmacy	FEMALE	44	13	5	3	0	2	9	1	34	1	0	112
	MALE	34	11	2	2	0	2	2	4	26	0	0	83
		0	0	0	0	0	0	0	0	1	0	1	2
TOTAL		78	24	7	5	0	4	11	5	61	1	1	197

13. Statistical Information about Teacher for Academic Year (2022-2023)

Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	NT(D)	0	0	0	0	1	1
2	OBC	0	0	0	1	1	2
3	OPEN	0	0	0	4	8	12
4	SC	0	1	1	1	2	3
Total		0	1	1	6	12	18

Date :

Place :



[Signature]
Signature
HOD/Principal/Director
Principal

P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044

8/17/2023 3:38 PM