

**7.3: Institutional Distinctiveness:****Additional Information and Supporting documents**

“Nurturing Excellence in Education and Research for Sustainable Innovation”

Index

Sr. No.	File Description
Criteria 7	Institutional Value and Best Practices:
7.3	<u>7.3: Institutional Distinctiveness:</u> <u>Additional Information and Supporting documents</u>
7.3.2.1.	Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words <u>“Nurturing Excellence in Education and Research for Sustainable Innovation”</u>
7.3.2.2	<u>Historical Significance and Accreditation</u>
7.3.2.3	<u>Prominent Ranking and Recognition:</u>
7.3.2.4	<u>Tradition of Excellence in Education:</u>
7.3.2.5	Distinguished Faculty and Academic Awards <u>PhD (Doctoral Research) in the institute in last five years</u>
7.3.2.6	<u>Research Funding and Grants</u> Total Research Grants from various funding agencies for last 5 years(1.81 Cr) grants
	Total Research Grants received from various funding agencies till date (46 projects of worth Rs. 23520048/-)
7.3.2.7	<u>Prestigious Awards and Academic Recognitions:</u>
7.3.2.8	<u>Publications and Intellectual Property</u> <u>Sustainable Intellectual Property (Patents) Activities:</u> <u>Research Publications</u> <u>Books and Books Chapters published by the faculty</u>

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



7.3: Institutional Distinctiveness

7.3.1: Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Distinctiveness:

“Nurturing Excellence in Education and Research for Sustainable Innovation”

 <div>Progressive Education Society's MODERN COLLEGE OF PHARMACY Accredited by NAAC Best College Award by Savitribai Phule Pune University</div> 
<p>7.3: Institutional Distinctiveness</p> <p>7.3.1: Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words</p> <p>Distinctiveness:</p> <p>“Nurturing Excellence in Education and Research for Sustainable Innovation”</p>
<p>Historical Significance and Accreditation</p> <p>Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune 411044, established in 1998, holds a distinct position as a pioneering academic institution in the field of pharmacy. The college has been a trailblazer by becoming the first pharmacy college affiliated with Savitribai Phule Pune University to receive approvals under sections 2 (f) and 12 (B) of the UGC Act 1956. The college's commitment to excellence is underscored by its accreditation from the National Assessment and Accreditation Council (NAAC) in 2014 and National Board of Accreditation (NBA) in 2019 for 3 years which is extended by next 3 years (2022-2025), which acknowledges its adherence to high educational standards.</p> <p>Prominent Rankings and Recognition</p> <p>Since its inception, Progressive Education Society's Modern College of Pharmacy has been dedicated to delivering quality education, yielding impressive academic results, and fostering a tradition of excellence. The college is ranked 41 in NIRF Ranking 2017, in the band of 76-100 in NIRF18, ranked 74 in NIRF19 and ranked 68 in NIRF20 and ranked in the band of 102-125 in NIRF22 and NIRF23 by National Institute of Ranking Framework of Ministry of Human Resource Development, Government of India. Its alumni have made significant contributions both nationally and internationally, addressing the societal needs. The dedicated faculty members, noted for their competence and commitment, have been recognized with awards in academics and research.</p> <div><p>Principal P.E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.</p></div>
<p>STRIVING TOWARDS EXCELLENCE FOREVER</p>



Progressive Education Society's
MODERN COLLEGE OF PHARMACY
Accredited by NAAC
Best College Award by Savitribai Phule Pune University



Tradition of Excellence in Education

Since its inception, the college has carved out a special niche for imparting quality education. The college practices various innovative and interactive pedagogy methods and has record of excellent academic results (>95%) since last 20 years. The college has a glorious tradition of bright academic results. Students of B. Pharm and M. Pharm achieving top 10 ranks in university examinations, securing 3 gold medals.

The college's distinctiveness extends to its role as a Local Chapter of NPTEL, an initiative by IITs, and its endeavor to provide an environment conducive to high-quality research. It boasts specialized laboratories, including the well-equipped Central Instrumentation Laboratory, Aseptic Room, Industrial Pharmacy Laboratory, and Neuropharmacology Laboratory. The college actively fosters industry-academia interaction through guest lectures by industrial experts, seminars, and workshops that prepare students to meet dynamic industry demands.

Distinguished Faculty and Academic Awards

The faculty of the college is competent, qualified, committed and devoted to student's development. Many of the faculty members have received various awards in academics and research. Many of our faculty are actively engaged in various Savitribai Phule Pune University duties and few of them are also engaged as BOS members, BOS Chairmen and Academic Council members.

The college is recognized as a Research Center by Savitribai Phule Pune University, attesting to its commitment to advancing pharmaceutical sciences. With over 50% of its faculty holding Ph.D. qualifications and 13 members serving as recognized Ph.D. guides, the college has established itself as a hub of research excellence. Its Research Monitoring Committee oversees research initiatives across undergraduate, postgraduate, and doctoral levels, fostering an environment conducive to innovation.

The college has awarded Ph.D. to 21 scholars, about 70 students have registered themselves for the Ph D and more than 500 research scholars have completed PG program. Many research scholars are pursuing Ph.D. with JRF, SRF or other fellowships.




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

STRIVING TOWARDS EXCELLENCE FOREVER



Progressive Education Society's
MODERN COLLEGE OF PHARMACY

Accredited by NAAC

Best College Award by Savitribai Phule Pune University



Funding and Research Grants

The college's remarkable research endeavors are reflected in its acquisitions of research grants totaling Rs. 1.81 Crores from esteemed funding agencies, including AICTE, DST, University of Pune, and ICMR, over the last five years. The research grants include the 13 minor projects by UGC of Rs. 42 lakhs, 1 major research project of Rs 16 lakh by UGC, 15 lakh projects by Savitribai Phule Pune University, 1 RPS project by AICTE. The college garnered Rs 54 lakh project by DST under FIST scheme and Rs 29 lakh project under Woman scientist scheme.

Prestigious Awards and Academic Recognition

The institution thrives on its strong ties with industries, research institutes, NGOs, and organizations, facilitating interdisciplinary and collaborative research. It actively engages in consultancy projects while fostering holistic student development through a spectrum of curricular and extracurricular activities.

The college has been awarded as Best Professional College in Urban category by Savitribai Phule Pune University in 2017. The college has been awarded as Best NSS unit, Best program officer and Best NSS Volunteer by Savitribai Phule Pune University for the NSS activities carried out by the college. The college has awarded as Best 10 Pharmacy Colleges in India by Higher Education Digest and The Academic Insights. The college is certified by ISO with Certification 9001:2015 and the students brought laurels by fetching Championship trophies in *In-victa*, Vidhirang and other state level competitions. The students of the college excelled in 55 various awards for their extracurricular, co-curricular and social competitions

Publications and Intellectual Property

The college thrives on its research output, with faculty members publishing more than 500 research papers in various national and international journals to date. The research efforts have also resulted in a noteworthy intellectual property portfolio, in all 10 patents are granted and more than 49 patents have been filed/published by the faculty. The college has total 90 IPR achievements including 21 filed copyrights and 10 filed design patents.

The faculty's scholarly contributions extend to the realm of books and book chapters, totaling 30 books and 33 book chapters authored. These significant achievements in publication showcase the college's dedication to advancing knowledge and innovation.



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

STRIVING TOWARDS EXCELLENCE FOREVER



Progressive Education Society's
MODERN COLLEGE OF PHARMACY
Accredited by NAAC
Best College Award by Savitribai Phule Pune University



Setting New Standards of Excellence

The college has 29 functional and dynamic MoUs and tie ups which resulted in more than 250 activities in last 5 years. Rigorous interaction is brought out with industrial experts, students and faculty to get awareness about current scenario.

In essence, Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune, stands as an exemplar of educational excellence, cutting-edge research, and industry collaboration, setting it apart as a beacon of innovation in the region.




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

STRIVING TOWARDS EXCELLENCE FOREVER



Historical Significance and Accreditation



NAAC certificate:



[Signature]
Principal
P.E.S. Modern College of Pharmacy,
No.21, Yashwanagar, Nigdi,
Pune - 411 044.




राष्ट्रीय मूल्यांकन एवं प्रमाणन परिषद
विश्वविद्यालय अनुदान आयोग का अंगीकृत संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

श्री. ए. एन. राय
वरिष्ठ
Prof. A.N. Rai
Ph.D., D.Sc., M.A., M.Ed.
Mumbai

14th February, 2018

Dr. A.C. SAMBASTHARY, C2020-6
14th February, 2018

The Principal
Progressive Education Society's
Modern College of Pharmacy
Sector No. 24, Faranaganga, Nagpur
Pune-422 004
Maharashtra

Dear Principal,

(Greetings from NAAC)

I am glad to inform you that the outcome of the assessment and accreditation exercise of your institution has been published and approved by the Executive Committee of NAAC and your institution has been **Accredited** for a period of four years with a **CGPA of 3.83** on a four point scale of **A Grade** with score 15/15/10/4. The Executive Committee of NAAC in its 10th meeting held on 22nd January, 2018 has decided that institutions rated with an **'AACC'** Accreditation Award **'Excellent'** and that the original certificate of accreditation with the quality profile should be displayed in accredited institutions after the declaration of the result to facilitate the institutions to get their certificate at the earliest. Accordingly, your accreditation certificate will be prepared and dispatched to you soon. I am sure the detailed peer review report given to you already by the peer team will enable the institution to engage further quality enhancement measures.

With best wishes,
Truly sincerely,

(Prof. A.N. Rai)

For the NAAC in India, Bangalore, India: +91-80-2556 1000, 2556 1001, 2556 1002, 2556 1003, 2556 1004, 2556 1005, 2556 1006, 2556 1007, 2556 1008, 2556 1009, 2556 1010, 2556 1011, 2556 1012, 2556 1013, 2556 1014, 2556 1015, 2556 1016, 2556 1017, 2556 1018, 2556 1019, 2556 1020, 2556 1021, 2556 1022, 2556 1023, 2556 1024, 2556 1025, 2556 1026, 2556 1027, 2556 1028, 2556 1029, 2556 1030, 2556 1031, 2556 1032, 2556 1033, 2556 1034, 2556 1035, 2556 1036, 2556 1037, 2556 1038, 2556 1039, 2556 1040, 2556 1041, 2556 1042, 2556 1043, 2556 1044, 2556 1045, 2556 1046, 2556 1047, 2556 1048, 2556 1049, 2556 1050, 2556 1051, 2556 1052, 2556 1053, 2556 1054, 2556 1055, 2556 1056, 2556 1057, 2556 1058, 2556 1059, 2556 1060, 2556 1061, 2556 1062, 2556 1063, 2556 1064, 2556 1065, 2556 1066, 2556 1067, 2556 1068, 2556 1069, 2556 1070, 2556 1071, 2556 1072, 2556 1073, 2556 1074, 2556 1075, 2556 1076, 2556 1077, 2556 1078, 2556 1079, 2556 1080, 2556 1081, 2556 1082, 2556 1083, 2556 1084, 2556 1085, 2556 1086, 2556 1087, 2556 1088, 2556 1089, 2556 1090, 2556 1091, 2556 1092, 2556 1093, 2556 1094, 2556 1095, 2556 1096, 2556 1097, 2556 1098, 2556 1099, 2556 1100, 2556 1101, 2556 1102, 2556 1103, 2556 1104, 2556 1105, 2556 1106, 2556 1107, 2556 1108, 2556 1109, 2556 1110, 2556 1111, 2556 1112, 2556 1113, 2556 1114, 2556 1115, 2556 1116, 2556 1117, 2556 1118, 2556 1119, 2556 1120, 2556 1121, 2556 1122, 2556 1123, 2556 1124, 2556 1125, 2556 1126, 2556 1127, 2556 1128, 2556 1129, 2556 1130, 2556 1131, 2556 1132, 2556 1133, 2556 1134, 2556 1135, 2556 1136, 2556 1137, 2556 1138, 2556 1139, 2556 1140, 2556 1141, 2556 1142, 2556 1143, 2556 1144, 2556 1145, 2556 1146, 2556 1147, 2556 1148, 2556 1149, 2556 1150, 2556 1151, 2556 1152, 2556 1153, 2556 1154, 2556 1155, 2556 1156, 2556 1157, 2556 1158, 2556 1159, 2556 1160, 2556 1161, 2556 1162, 2556 1163, 2556 1164, 2556 1165, 2556 1166, 2556 1167, 2556 1168, 2556 1169, 2556 1170, 2556 1171, 2556 1172, 2556 1173, 2556 1174, 2556 1175, 2556 1176, 2556 1177, 2556 1178, 2556 1179, 2556 1180, 2556 1181, 2556 1182, 2556 1183, 2556 1184, 2556 1185, 2556 1186, 2556 1187, 2556 1188, 2556 1189, 2556 1190, 2556 1191, 2556 1192, 2556 1193, 2556 1194, 2556 1195, 2556 1196, 2556 1197, 2556 1198, 2556 1199, 2556 1200, 2556 1201, 2556 1202, 2556 1203, 2556 1204, 2556 1205, 2556 1206, 2556 1207, 2556 1208, 2556 1209, 2556 1210, 2556 1211, 2556 1212, 2556 1213, 2556 1214, 2556 1215, 2556 1216, 2556 1217, 2556 1218, 2556 1219, 2556 1220, 2556 1221, 2556 1222, 2556 1223, 2556 1224, 2556 1225, 2556 1226, 2556 1227, 2556 1228, 2556 1229, 2556 1230, 2556 1231, 2556 1232, 2556 1233, 2556 1234, 2556 1235, 2556 1236, 2556 1237, 2556 1238, 2556 1239, 2556 1240, 2556 1241, 2556 1242, 2556 1243, 2556 1244, 2556 1245, 2556 1246, 2556 1247, 2556 1248, 2556 1249, 2556 1250, 2556 1251, 2556 1252, 2556 1253, 2556 1254, 2556 1255, 2556 1256, 2556 1257, 2556 1258, 2556 1259, 2556 1260, 2556 1261, 2556 1262, 2556 1263, 2556 1264, 2556 1265, 2556 1266, 2556 1267, 2556 1268, 2556 1269, 2556 1270, 2556 1271, 2556 1272, 2556 1273, 2556 1274, 2556 1275, 2556 1276, 2556 1277, 2556 1278, 2556 1279, 2556 1280, 2556 1281, 2556 1282, 2556 1283, 2556 1284, 2556 1285, 2556 1286, 2556 1287, 2556 1288, 2556 1289, 2556 1290, 2556 1291, 2556 1292, 2556 1293, 2556 1294, 2556 1295, 2556 1296, 2556 1297, 2556 1298, 2556 1299, 2556 1300, 2556 1301, 2556 1302, 2556 1303, 2556 1304, 2556 1305, 2556 1306, 2556 1307, 2556 1308, 2556 1309, 2556 1310, 2556 1311, 2556 1312, 2556 1313, 2556 1314, 2556 1315, 2556 1316, 2556 1317, 2556 1318, 2556 131


Dr. R. S. Bhat
H. S. Bhatnagar College of Pharmacy,
No. 21, Yashwantrao, Hrudai,
Mumbai - 400 044



NBA LETTER (2019-2022)

NATIONAL BOARD OF ACCREDITATION

NBA's Vision: Best Value of Every Student Placement
 Progress Vision: Best Value of Every Student
 Tel: +91 22 2612 0212, 2612 0214, 2612 0215, 2612 0216
 Website: www.nba.ac



File No. TB-011-2019-NBA

Date: 03.03.2019

To,
 The Principal,
 Progressive Education Society's Modern College of Pharmacy,
 Sector-21, Yashwantrao, Nigdi, Pune-411044,
 Maharashtra

Subject: Accreditation status of program applied by Progressive Education Society's Modern College of Pharmacy,
 Sector-21, Yashwantrao, Nigdi, Pune-411044, Maharashtra.

Sir,

With reference to your application of the 2018-20/19/2019 coming accreditation by National Board of Accreditation to the UG Pharmacy program offered by Progressive Education Society's Modern College of Pharmacy, Sector-21, Yashwantrao, Nigdi, Pune-411044, Maharashtra.

1. The Expert Team conducted an on-site evaluation of the program during 29th-30th October, 2019. The report submitted by the Expert Team was considered by the concerned Committee constituted by the program in NBA. The competent authority in NBA has approved the following accreditation status to the program as given in the table below.

S. No.	Name of the Program (MCO)	Result of Evaluation	Accreditation Status	Period of validity	Remarks
(01)	(02)	(03)	(04)	(05)	(06)
1.	Pharmacy	Grade: 2019 Outstanding	Accredited	Academic Year 2019-2020 to 2021-2022 (i.e. upto 30/06/2022)	Accreditation status granted is valid for the period indicated in Cell 5 of the program for the approval of the concerned authority, whichever is earlier.

2. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA-accredited degree.

3. The program has been granted accreditation for three years. Progressive Education Society's Modern College of Pharmacy, Sector-21, Yashwantrao, Nigdi, Pune-411044, Maharashtra should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above so as to enable for consideration by the concerned Committee in NBA for further processing of the accreditation status. This requirement for submission of accreditation is a condition as deemed appropriate by NBA Committee.

4. The accreditation status awarded to the program as indicated in the above table does not mean that the accreditation has been granted to Progressive Education Society's Modern College of Pharmacy, Sector-21, Yashwantrao, Nigdi, Pune-411044, Maharashtra as a whole. As such the college should continue along with its other activities as its before hand and submit that it is accredited by NBA because it is program accreditation and not institution accreditation. If such an instance comes to NBA's notice, this will be viewed adversely. Complete name of the program, accreditation level of program(s) and the period of validity of accreditation, as well as the date from which the accreditation is effective, should be mentioned prominently wherever and whenever it is required to indicate the status of accreditation by NBA.

5. The accreditation status of the above program is subject to change on periodic review. If needed by the NBA, it is advised that the relevant information in respect of accredited program as indicated in the Table in paragraph 2, appears on the website and information bulletin of your institution.

Yours faithfully,



(Signature)
 The Principal,
 Progressive Education Society's Modern College of Pharmacy,
 Sector-21, Yashwantrao, Nigdi,
 Pune-411044.



4.

7. The accreditation status awarded to the program as indicated in Table in paragraph 2 above is subject to maintenance of the specific standards during the period of accreditation. If there are any changes in the status (drop/ changes of faculty strength, organizational structure etc.), the same are required to be communicated to the BBA, within appropriate explanatory note.
8. A copy of Report of Chairman of the visiting 'Team and Evaluators' report in respect of the above program is enclosed.
9. If the Institute is not satisfied with the decision of BBA, it may appeal within thirty days of receipt of the communication giving reasons for the same and by paying the requisite fee.

Truly faithfully,

(Dr. Jyoti Kulkarni)
Internal Secretary

Encls. 5: Copy of Report of Chairman of the Visiting Team.

5. Copy of Report Report of the Visiting Team.

Copies to:

1. The Director of Technical Education,
G. Kumbhkar Road, Pune-411 001.
(Reg. Office, Mumbai-400021)
2. The Registrar,
Savitribi Phule Pune University,
Gandhinagar-42, Laxminagar,
Pune-411007, Maharashtra
3. Accreditation File
4. Master Accreditation File of the base




Dr. S. S. Sankar
Principal
Modern College of Pharmacy
Reg. 21, Yashwantrao Chavan Nagar, Pune
Pune - 411 044



NBA LETTER (2022-2025)

राष्ट्रीय प्रत्यायन बोर्ड
NATIONAL BOARD OF ACCREDITATION
4th Floor, East Tower, NBCE Place, Bhikaji Marathe Marg, Pragati Vihar, Luthi Road, New Delhi-110009

NBA
NATIONAL BOARD OF ACCREDITATION

File No. 28-572-2019-NBA Date: January 30, 2023

To,
The Principal,
Progressive Education Society's Modern College of Pharmacy,
Nigdi, Sector - 21,
Yamunanagar, Nigdi,
Pune, Maharashtra- 411044.

Subject: Further accreditation status on the basis of Compliance Report of UG-Pharmacy program offered by Progressive Education Society's Modern College of Pharmacy, Nigdi, Sector - 21, Yamunanagar, Nigdi, Pune, Maharashtra-411044.

Sr,

This is regarding Compliance Report submitted by Progressive Education Society's Modern College of Pharmacy, Nigdi, Sector - 21, Yamunanagar, Nigdi, Pune, Maharashtra-411044 for the UG-Pharmacy program which was accredited by NBA for academic years 2019-20 to 2021-22 i.e., upto 30.06.2022.

2. An Expert Team conducted data verification of the program on 11th September, 2022. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the program as given in the table below:

Sl. No.	Name of the Program (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Pharmacy	January, 2016 Document	Accredited	Academic Years 2022-2023 to 2024-2025 i.e. Up to 30-06-2025	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The program has been granted accreditation for further 3 years. Progressive Education Society's Modern College of Pharmacy, Nigdi, Sector - 21, Yamunanagar, Nigdi, Pune, Maharashtra-411044 should submit fresh online application under SAE January, 2016 document through e-NBA portal at least five months before the expiry of validity of accreditation mentioned above.

Chandra

Contd.32

Tel: +91 11 2436 0620-22, 2436 0654; Telex: +91 11 4308 4989
Website: <http://www.nbaindia.org> | Email: membersecretary@nbaindia.org



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



-4-

5. The accreditation status awarded to the program as indicated in the above table does not imply that the accreditation has been granted Progressive Education Society's Modern College of Pharmacy, Nigdi, Sector - 21, Yamanagar, Nigdi, Pune, Maharashtra- 411044 as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

6. The accreditation status of the above program is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited program as indicated in the table in paragraph 2, appears on the website and information bulletin of the institute.

7. The accreditation status awarded to the program as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy of Report of the Visiting Team in respect of the above program is enclosed.

Yours faithfully,


(Dr. Anil Kumar Navale)
Member Secretary

END:- 1. Copy of Report of the Visiting Team in respect of the program.

Copy to:

1. The Director of Technical Education
3, Mahapalika Marg
Opp. Metro Cinema
Chhatrapati Shivaji Terminus Area,
Mumbai, Maharashtra-400001
2. The Registrar,
Savitribai Phule Pune University,
Ganeshkhind Road, Pune,
Maharashtra 411007
3. Accreditation File
4. Master Accreditation file of the State




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



Prominent Rankings and Recognition



NIRF Ranking 2017




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

NIRF Ranking 2018**NIRF Ranking 2018**

National Institutional Ranking Framework
Ministry of Human Resource Development
Government of India



India Rankings 2018: Pharmacy (Rank-band: 76-100)

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Amal Mahesh Babu Aji Singh Jyoti Singh Medical College of	Bhargava	Porali
BCTE College of Pharmacy & Technology	Kothari	West Bengal
Colaba Mangalore College of Pharmacy	Hyderkhan	Patargana
Geetha College of Pharmacy	Kumaragallu	Marichakira
Guru Nanak Institute of Pharmaceutical Science & Technology	Kothala	West Bengal
Jayarampur College of Pharmacy	Kapoor	Marichakira
J. T. S. College of Pharmacy	Shanmugam	Uttar Pradesh
J. B. P. Institute College of Pharmacy	Kemparajapuram	Tamil Nadu
J.B.T. Group of Institutions	Kandhrukar	Telangana
Marichakira College of Pharmacy	Kharanabad	Uttar Pradesh
MMBS Pharmacy College	Kolapur	Madhya Pradesh
Moff Samy's College of Pharmacy	Koradi	Madhya Pradesh
Narmada College of Pharmacy	Kuradi	Madhya Pradesh
Nanda Institute of Engineering and Technology (Pharmacy Institute)	Mangalpur	Andhra Pradesh
Omical College of Pharmacy	Koradi Road	Uttar Pradesh
Pavani College of Pharmaceutical Sciences	Mumbai	Madhya Pradesh
PET's Modern College of Pharmacy	Trivikramgudi	Tamil Nadu
Randa Education Society's Rajeshwari and Tandra Randa College of Pharmacy	Ram	Madhya Pradesh
QIC College of Pharmacy	Ramda	Gujarat
Ram College of Pharmaceutical Sciences & Research	Rangoli	Andhra Pradesh
R. B. & Institute of Technology & Science	Ramda	Chhattisgarh
Sanjay Technical Education Society's College of Pharmacy	Ridhura	Madhya Pradesh
Sree Siddhaganga College of Pharmacy	Rupa	Madhya Pradesh
Sriyasa Institute of Pharmaceutical Education and Research	Sardar	Karnataka
	Sardar Patel	Gujarat

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



NIRF Ranking 2019



NIRF Ranking 2019



[Signature]
Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yashwananagar, Nigdi,
Pune - 411 044.



NIRF Ranking 2020



NIRF Ranking 2020




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



NIRF Ranking 2022



NIRF Ranking 2022

National Institutional Ranking Framework
Ministry of Education
Government of India

India Rankings 2022: Pharmacy (Rank-band: 102-125)

Institutions are displayed in alphabetical order

Rank

1. A. S. S. College of Pharmacy, Nigdi	102	2. A. S. S. College of Pharmacy, Nigdi	103	3. A. S. S. College of Pharmacy, Nigdi	104
4. A. S. S. College of Pharmacy, Nigdi	105	5. A. S. S. College of Pharmacy, Nigdi	106	6. A. S. S. College of Pharmacy, Nigdi	107
7. A. S. S. College of Pharmacy, Nigdi	108	8. A. S. S. College of Pharmacy, Nigdi	109	9. A. S. S. College of Pharmacy, Nigdi	110
10. A. S. S. College of Pharmacy, Nigdi	111	11. A. S. S. College of Pharmacy, Nigdi	112	12. A. S. S. College of Pharmacy, Nigdi	113
13. A. S. S. College of Pharmacy, Nigdi	114	14. A. S. S. College of Pharmacy, Nigdi	115	15. A. S. S. College of Pharmacy, Nigdi	116
16. A. S. S. College of Pharmacy, Nigdi	117	17. A. S. S. College of Pharmacy, Nigdi	118	18. A. S. S. College of Pharmacy, Nigdi	119
19. A. S. S. College of Pharmacy, Nigdi	120	20. A. S. S. College of Pharmacy, Nigdi	121	21. A. S. S. College of Pharmacy, Nigdi	122
22. A. S. S. College of Pharmacy, Nigdi	123	23. A. S. S. College of Pharmacy, Nigdi	124	24. A. S. S. College of Pharmacy, Nigdi	125



[Signature]
Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yashwanagar, Nigdi,
Pune - 411 044.



NIRF RANKING 2023

NIRF RANKING 2023

History / Contact


National Institutional Ranking Framework
 Ministry of Education
 Government of India



India Rankings 2023: Pharmacy (Rank-band: 101-125)

Institution list in alphabetical order Back

Rank	Institution	City	State
101	AIOT College of Pharmacy, Kottuvattom	Kottuvattom	Kerala
102	B. K. Modi Government Pharmacy College, Rajkot	Rajkot	Gujarat
103	Bharati Vidyapeeth College of Pharmacy, Sector 6, E.A.S. Belapur, Near Mumbai 400114	Near Mumbai	Maharashtra
104	Chattampi Sreedhar University	Kottayam	Kerala
105	G. D. Somaiya University	Burgin	Gujarat
106	Govind Ballabh Pant College of Pharmacy	Jaipur	Rajasthan
107	Gujarat Chaudhary Institute of Pharmaceutical Science	Gandhinagar	Gujarat
108	Gujarat Vardhaman College of Pharmacy	Surat	Gujarat
109	Haryana College of Technology and Sciences	Faridkot	Haryana
110	Haryana College of Pharmacy	Faridkot	Haryana
111	IIIT University	Faridkot	Haryana
112	IIIT College of Pharmacy	Faridkot	Haryana
113	INDIA College of Pharmacy	Faridkot	Haryana
114	Karnataka College of Pharmacy	Faridkot	Haryana
115	Karnataka University	Faridkot	Haryana
116	Kerala College of Pharmacy	Faridkot	Haryana
117	KVP Group's College of Pharmacy	Faridkot	Haryana
118	P. S. Modern College of Pharmacy	Pune	Maharashtra
119	P. S. Modern College of Pharmacy	Pune	Maharashtra
120	P. S. Modern College of Pharmacy	Pune	Maharashtra
121	P. S. Modern College of Pharmacy	Pune	Maharashtra
122	P. S. Modern College of Pharmacy	Pune	Maharashtra
123	P. S. Modern College of Pharmacy	Pune	Maharashtra
124	P. S. Modern College of Pharmacy	Pune	Maharashtra
125	P. S. Modern College of Pharmacy	Pune	Maharashtra

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P. S. Modern College of Pharmacy
 No. 21, Yashwantrao Chavan Road,
 Pune - 411 044.



Tradition of Excellence in Education



Academic Achievements: Gold Medal

Academic Achievements: Gold Medal

(Mr. Nikhil Gabhale, Second Year M. Pharmacy Examination in Academic Year: 2019- 2020 Has Won Gold Medal for 1st rank in Savitribai Phule Pune University, Pune)



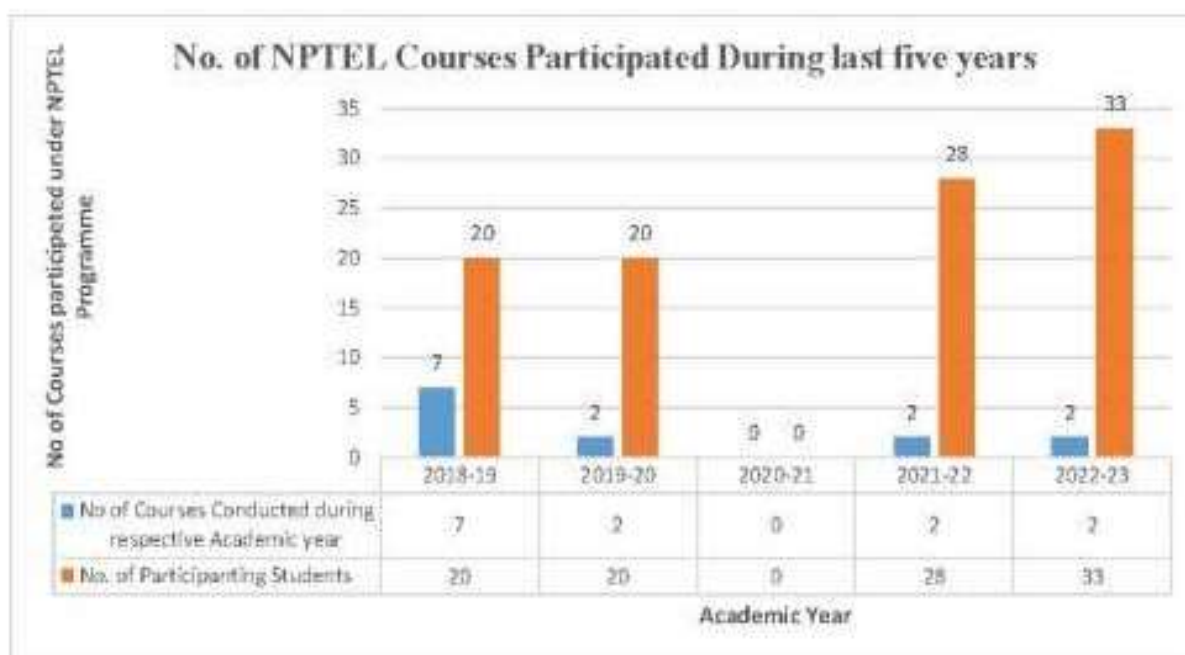
Mr. Nikhil Gabhale was felicitated by Hon. Chairman, B.C. Progressive Education Society Pune for his achievement.




Principal
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Sector No.21, Yamunanagar, Ni
Pune - 411 044.



Summary of NPTEL Local Chapter/ Courses Successfully Completed by Students:



Sr. No.	Academic year	No. of courses participated
1.	2022-23	02
2.	2021-22	02
3.	2020-21	00
4.	2019-20	02
5.	2018-19	07




Principal
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Sector No.21, Yamunanagar, Nigdi,
Pune -411 044.



Distinguished faculty and Academic Awards:



PhD (Doctoral Research) in the institute in last five years



List of PhD students passed out in last five years (20)

Sr. No.	Name of the Candidate	Subject	Name of the Guide	Date of Declaration
1	Desai Ujwala Shivaji	Pharmaceutics	Dr. P. D. Chaudhari	12/16/2019
2	More Dhananjay Manohar	Pharmaceutics	Dr. P. D. Chaudhari	1/11/2020
3	Pujari Rohini Revansiddappa	Pharmacology	Dr.D.D. Bandawane	2/5/2020
4	Savaikar Niyatee Gopal	Pharmaceutical Chemistry	Dr. S. V. Amrutkar	8/11/2020
5	Kamble Pavan Ram	Pharmaceutics	Dr. K. S. Shaikh	4/22/2021
6	Bagade Om Mahadeo	Pharmaceutics	Dr. S. N. Dhole	5/5/2021
7	Jagdale Amol Shivaji	Pharmaceutical Chemistry	Dr. S. V. Amrutkar	10/28/2021
8	Patil Tejaswini Dattatraya	Pharmaceutical Chemistry	Dr. S. V. Amrutkar	11/17/2021
9	Deokule Hemant Arun	Pharmaceutics	Dr. S. S. Pimple	11/25/2021
10	Mahajan Kiran Chandrakant	Pharmaceutics	Dr. S. S. Pimple	1/3/2022
11	Dashputre Neelam Laxman	Pharmacology	Dr. D. D. Bandawane	3/3/2022
12	Varpe Bhushan Dnyandeo	Pharmaceutical Chemistry	Dr. S. B. Jadhav	4/11/2022
13	Chavan Prerana Appasaheb	Pharmaceutical Chemistry	Dr. S. B. Jadhav	4/13/2022
14	Salve Megha Tukaram	Pharmaceutical Chemistry	Dr. S. B. Jadhav	7/5/2022
15	Vawhal Pallavi Kishor	Pharmaceutical Chemistry	Dr. S. B. Jadhav	10/4/2022
16	Kothawade Sachin Namdeo	Pharmaceutics	Dr. P. D. Chaudhari	10/19/2022
17	Gaikwad Nikita Maruti	Pharmaceutics	Dr. P. D. Chaudhari	10/19/2022
18	Sangita Abasaheb Kale	Pharmaceutics	Dr. K. S. Shaikh	12/23/2022



19	Bharati Yashvant Chaudhari	Pharmaceutical Chemistry	Dr. S. B. Jadhav	3/20/2023
20	Somdatta Yashvant Chaudhari	Pharmaceutical Chemistry	Dr. S. B. Jadhav	7/4/2023

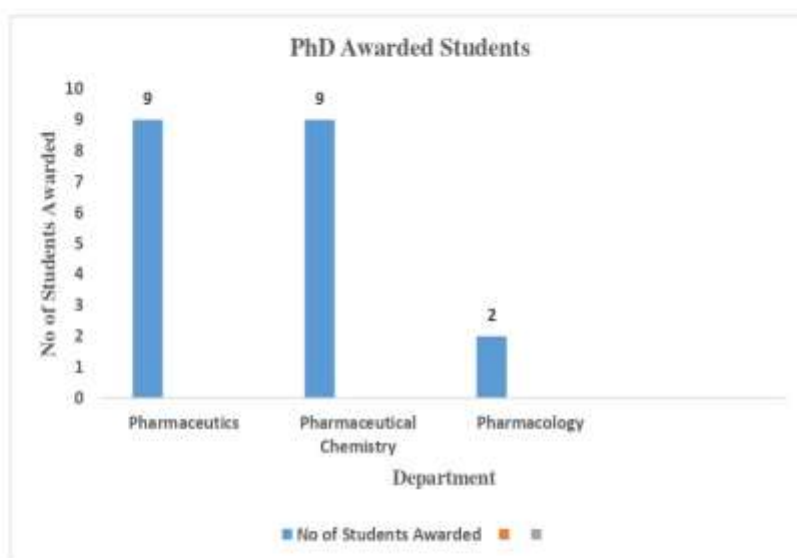



Principal
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Sector No.21, Yashwananagar, Nigdi,
Pune - 411 044.



Summary of No of PhD awarded students

Sr. No	Department	No of Students Awarded
1	Pharmaceutics	09
2	Pharmaceutical Chemistry	09
3	Pharmacology	02
4	Total	20



Graph of No of PhD awarded students





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



Proofs of PhD students passed out in last 5 years:-

1. Formulation and Evaluation of Niosomal In situ gel for ocular drug delivery


Savitribai Phule Pune University
(formerly University of Pune)


Declaration of Result of the Doctor of Philosophy (Ph. D.)
Desai Ujwala Shivaji (देसाई उज्ज्वला शिवाजी)
Mother's Name : Mala (माळा)

University has accepted thesis submitted by the above-mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.


RELEVANT DETAILS ARE AS UNDER :

1. Faculty	: Science and Technology
2. Subject	: Pharmaceutics
3. Title of the Thesis	: "Formulation and Evaluation of Niosomal In-Situ Gel For Ocular Drug Delivery."
4. Place of Research	: Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune - 411 044.
5. Name and Address of the Guide	: Dr. P. D. Chaudhari Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune - 411 044.
6. Date of Registration	: 14 th August, 2014
7. Date of Declaration of Result	: 16 th December, 2019

Ganeshkhind, Pune 411007.
Ref. No. PGS/Ph.D. / 673
Date : 24 DEC 2019


For Director
Board of Examinations and Evaluation




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



2. Designing a platform technology for pediatric drug delivery

Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph. D.)
More Dhananjay Manohar
Mother's Name : Kusum
(मोर धनंजय माणेहार)
(कुसुम)

University has accepted thesis submitted by the above-mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER :

1. Faculty	: Science and Technology
2. Subject	: Pharmaceutics
3. Title of the Thesis	: "Designing a Platform Technology for Pediatric Drug Delivery."
4. Place of Research	: Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune - 411 044.
5. Name and Address of the Guide	: Dr. P. D. Chandhari Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune - 411 044.
6. Date of Registration	: 14 th August, 2014
7. Date of Declaration of Result	: 11 th January, 2020

Ganeshkhind, Pune 411007.
Ref. No. PGS/Ph.D. / 3
Date : 23 JAN 2020

For Director
Board of Examinations and Evaluation




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



3. Study of some phytoconstituents on chemotherapy induced toxicities in laboratory animals


Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph. D.)
Pujari Rohini Revansiddappa (पुजारी रोहिणी रेवणसिद्धप्पा)
Mother's Name : Kamala (कामला)

University has accepted thesis submitted by the above-mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER :

1. Faculty	: Science and Technology
2. Subject	: Pharmacology
3. Title of the Thesis	: "Study of Some Phytoconstituents on Chemotherapy-Induced Toxicities in Laboratory Animals."
4. Place of Research	: Progressive Education Society's Modern College of Pharmacy Sector 21, Yamunanagar, Nigdi, Pune – 411 044.
5. Name and Address of the Guide	: Dr. (Mrs) D. D. Bandawane Progressive Education Society's Modern College of Pharmacy Sector 21, Yamunanagar, Nigdi, Pune – 411 044.
6. Date of Registration	: 26 th August, 2015
7. Date of Declaration of Result	: 05 th February, 2020


Ganeshkhind, Pune 411007.
Ref. No. PGS/Ph.D. / 90
Date : 13 FEB 2020



Far Director
Board of Examinations and Evaluation


S.P.U.P. - 4, 200-02-2019 (10/09) (1-Office)




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



4. Development and Validation of Analytical Method for Estimation of API and Formulation using Quality by Design (QbD) Approach


Savitribai Phule Pune University
(formerly University of Pune)

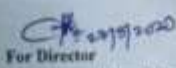
Declaration of Result of the Doctor of Philosophy (Ph. D.)
Savalkar Niyatee Gopal (सावलकर निर्याती गोपाल)
Mother's Name : Shanta (शान्ता)


University has accepted thesis submitted by the above-mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER :

1. Faculty	: Science and Technology
2. Subject	: Pharmaceutical Chemistry
3. Title of the Thesis	: "Development and Validation of Analytical Method for Estimation of API and Formulation using Quality by Design (QbD) Approach."
4. Place of Research	: Modern College of Pharmacy, Sector No. 21 Yamunanagar, Nigdi, Pune - 411 044.
5. Name and Address of the Guide	: Dr. Sunil V. Amrutkar Modern College of Pharmacy, Sector No. 21 Yamunanagar, Nigdi, Pune - 411 044.
6. Date of Registration	: 23 rd August, 2014
7. Date of Re-Registration	: 23 rd August, 2019
8. Date of Declaration of Result	: 11 th August, 2020

Ganeshkhind, Pune 411007.
Ref. No. PGS/Ph.D. / 255
Date : 24 AUG 2020


For Director
Board of Examinations and Evaluation







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



5. Development, Characterization and Evaluation of Effective Formulations of potent phytoconstituents using Novel Drug Delivery Approaches


Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)


Kamble Pavan Ram (कांबळे पवन राम)
Mother's Name : Bharatbai (भारतबाई)

University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER:

1. Faculty	: Science & Technology
2. Subject	: Pharmacutics
3. Title of the Thesis	: "Development, Characterization and Evaluation of Effective Formulations of a Potent Phytoconstituent using Novel Drug Delivery Approaches."
4. Place of Research	: PES's Modern College Of Pharmacy, Sector No. 21 Yamunanagar, Nigdi, Pune - 411 0 44.
5. Name and Address of the Guide	: Dr. K.S. Shaikh PES's Modern College Of Pharmacy, Sector No. 21 Yamunanagar, Nigdi, Pune - 411 0 44.
6. Date of Registration	: 18 th April, 2016
7. Date of Declaration of Result	: 22 nd April, 2021

Gareshkhind, Pune - 411007.
Ref. No. PGS/Ph.D. / 2-1 2-
Date : 18 MAY 2021



for Director
Board of Examinations and Evaluation


S:\PES\A-2000-02-2016\1044\1-027001




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



6. Design, Formulation and Evaluation of Nanosponge Drug Delivery system


Savitribai Phule Pune University
(formerly University of Pune)

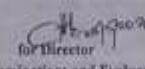
Declaration of Result of the Doctor of Philosophy (Ph.D.)
Bagade Om Mahadeo (बागडे ओम-महादेव)
Mother's Name : Panchfula (पंचफुला)


University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defenses of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER:


1. Faculty	: Science & Technology
2. Subject	: Pharmaceutics
3. Title of the Thesis	: "Design, Formulation and Evaluation of Nanosponge Drug Delivery System."
4. Place of Research	: PES's Modern College Of Pharmacy, Sector No. 21 Yamunanagar, Nigdi, Pune - 411 044.
5. Name and Address of the Guide	: Dr. Shashikant Nirvetti Dhole PES's Modern College Of Pharmacy, Sector No. 21 Yamunanagar, Nigdi, Pune - 411 044.
6. Date of Registration	: 3 rd November, 2015
7. Date of Declaration of Result	: 5 th May, 2021

Ganeshkhind, Pune - 411007.
Ref. No. PGS/Ph.D. / 2.2.P
Date : 20 MAY 2021


for Director
Board of Examinations and Evaluation






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



7. Synthesis and Biological Evaluation of some Benzofused six membered Nitrogen containing heterocyclic derivatives

Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)

Jagdale Amol Shivaji (जगदाले अमोल शिवाजी)
Mother's Name : Sunanda (सुनंदा)

University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER:

1. Faculty	: Science & Technology
2. Subject	: Pharmaceutical Chemistry
3. Title of the Thesis	: "Synthesis and Biological Evaluation of Some Benzofused Six Membered Nitrogen Containing Heterocyclic Derivatives."
4. Place of Research	: PES's Modern College of Pharmacy, Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044.
5. Name and Address of the Guide	: Dr. Sunil V. Amrutkar, PES's Modern College of Pharmacy, Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044.
6. Date of Registration	: 27 th August, 2014
7. Date of Re-Registration	: 27 th August, 2019
8. Date of Declaration of Result	: 28 th October, 2021

Ganeshkhind, Pune - 411007.
Ref. No. PGM-Ph.D. / 545
Date: 29 OCT 2021



for Director
Board of Examinations and Evaluation




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



8. Synthesis and pharmacological Evaluation of Benzofused five membered Nitrogen Containing Heterocyclic Derivatives


Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)


Patil Tejaswini Dattatraya (पाटील तेजस्विनी दत्तात्रेय)
Mother's Name : Sulochana (सुलोचना)


University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER:


1. Faculty	: Science & Technology
2. Subject	: Pharmaceutical Chemistry
3. Title of the Thesis	: "Synthesis and Pharmacological Evaluation of Benzofused Five Membered Nitrogen Containing Heterocyclic Derivatives."
4. Place of Research	: PES's Modern College of Pharmacy, Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044.
5. Name and Address of the Guide	: Dr. Sunil V. Amrutkar PES's Modern College of Pharmacy, Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044.
6. Date of Registration	: 13 th August, 2014
7. Date of Re-Registration	: 13 th August, 2019
8. Date of Declaration of Result	: 17 th November, 2021

Ganeshkhind, Pune - 411007.
Ref. No. PGS/Ph.D.1586
Date :


for Director
Board of Examinations and Evaluation






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



9. Fabrication and Evaluation of Novel Dosage form Using Antiretroviral Drug for Geriatric and Pediatric Drug Delivery

Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)


Deskale Hemant Arun (देसकुळे हेमंत अरुण)
Mother's Name : Alka (आलका)


University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER:

1. Faculty	Science & Technology
2. Subject	Pharmaceutics
3. Title of the Thesis	"Fabrication and Evaluation of Novel Dosage form Using Antiretroviral Drug for Geriatric and Pediatric Drug Delivery."
4. Place of Research	PES's Modern College of Pharmacy, Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044.
5. Name and Address of the Guide	Dr. Smriti S. Pimple PES's Modern College of Pharmacy, Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044.
6. Date of Registration	18 th April, 2016
7. Date of Declaration of Result	25 th November, 2021

Ganeshkhind, Pune - 411007.
Ref. No. PGS/Ph.D./2021
Date: 27 DEC 2021


for Director
Board of Examinations and Evaluation







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



10. Formulation and Optimization of self Emulsifying Drug Delivery System for Effective Anthelmintic Therapy


Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)


Mahajan Kiran Chandrakant (महाजन किरण चंद्रकांत)
Mother's Name : Sunita (सुनिता)


University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER:

1. Faculty	: Science & Technology
2. Subject	: Pharmaceutics
3. Title of the Thesis	: "Formulation and Optimization of Self Emulsifying Drug Delivery System for Effective Anthelmintic Therapy."
4. Place of Research	: PES's Modern College of Pharmacy, Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044.
5. Name and Address of the Guide	: Dr. Smita S. Pimple PES's Modern College of Pharmacy, Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044.
6. Date of Registration	: 18 th April, 2016
7. Date of Declaration of Result	: 3 rd January, 2022

Ganeshkhind, Pune - 411007,
Ref. No. PGS/Ph.D. / 105
Date : 31/01/2022


for Director
Board of Examinations and Evaluation

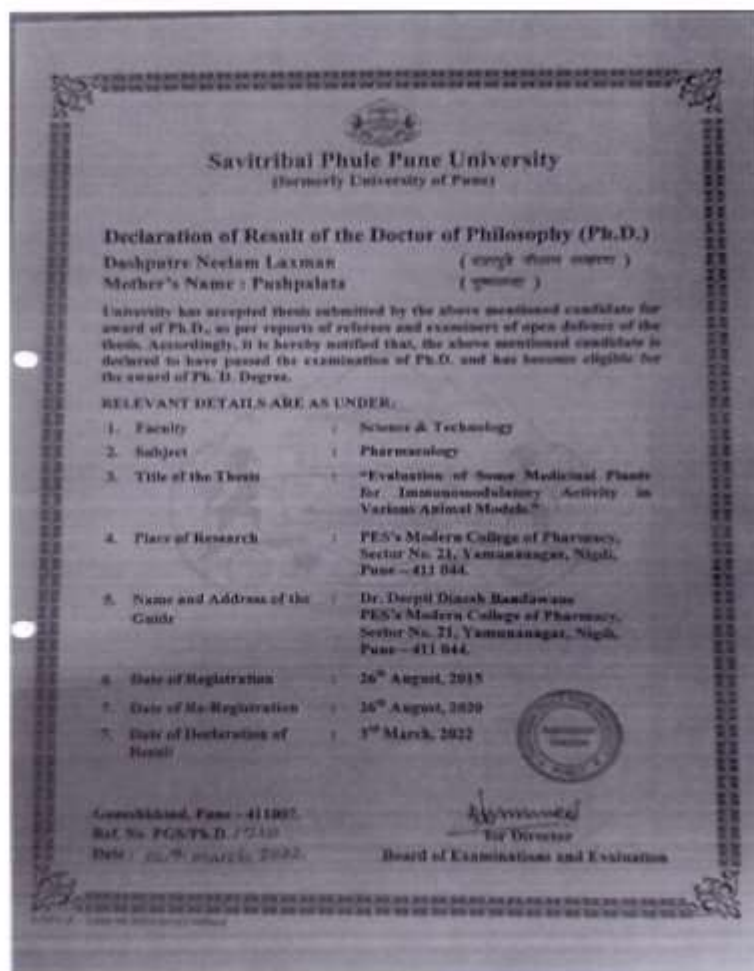





Principal
P. E. S. Modern College of Pharmacy
Sector No. 21, Yamunanagar, Nigdi,
Pune - 411 044.




11.Evaluation of Some Medicinal Plants for Immunomodulatory Activity in Various Animal Models




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



12.Synthesis and Biological Evaluation of Some Novel Indole Derivatives


Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)


Varpe Bhushan Dnyandeo (वरपे भूषण दानंदेव)
Mother's Name : Lata (लता)


University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER:

1. Faculty	: Science & Technology
2. Subject	: Pharmaceutical Chemistry
3. Title of the Thesis	: "Synthesis and Biological Evaluation of Some Novel Indole Derivatives."
4. Place of Research	: PES's Modern College of Pharmacy, Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044.
5. Name and Address of the Guide	: Dr. Shailaja B. Jadhav PES's Modern College of Pharmacy, Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044.
6. Date of Registration	: 05 th April, 2018
7. Date of Declaration of Result	: 11 th April, 2022

Ganeshkhind, Pune - 411007.
Ref. No. PGS/Ph.D. / 343
Date : 27th April, 2022


Director
Board of Examinations and Evaluation







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



13.Design, Synthesis and Evaluation of Some Novel Dipeptidyl Peptidase IV inhibitors


Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)

Chavan Prerana Appasaheb (चव्हाण प्रेरणा आप्पासाहेब)
Mother's Name : Chandrakala (चांदकर)

University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER:

1. Faculty	: Science & Technology
2. Subject	: Pharmaceutical Chemistry
3. Title of the Thesis	: "Design, Synthesis and Evaluation of Some Novel Dipeptidyl Peptidase IV Inhibitors."
4. Place of Research	: PES's Modern College of Pharmacy, Sector No. 21, Yamunanagar, Nigdi, Pune – 411 044.
5. Name and Address of the Guide	: Dr. Shailaja B. Jadhav PES's Modern College of Pharmacy, Sector No. 21, Yamunanagar, Nigdi, Pune – 411 044.
6. Date of Registration	: 05 th April, 2018
7. Date of Declaration of Result	: 13 th April, 2022

Ganeshkhind, Pune - 411007,
Ref. No. PGS/Th.D. / 548
Date : 27th April, 2022


Director
Board of Examinations and Evaluation







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



14. Synthesis and Evaluation of Antidiabetic Activity of Some Heterocyclic Compounds


Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)


Salve Megha Tukaram (सावले मेघा तुकाराम)
Mother's Name : Mangala (माता)


University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph. D. Degree.


RELEVANT DETAILS ARE AS UNDER:


1. Faculty	: Science & Technology
2. Subject	: Pharmaceutical Chemistry
3. Title of the Thesis	: "Synthesis and Evaluation of Antidiabetic Activity of Some Heterocyclic Compounds."
4. Place of Research	: PES's Modern College of Pharmacy, Sector No.21, Yamunanagar, Nigdi, Pune-411044.
5. Name and Address of the Guide	: Dr. Shailaja Bhanudas Jadhav PES's Modern College of Pharmacy, Sector No.21, Yamunanagar, Nigdi, Pune-411044.
6. Date of Registration	: 05 th April, 2018
7. Date of Declaration of Result	: 05 th July, 2022

Ganeshkhind, Pune - 411007.
Ref. No. PGS/Ph.D. / 1562
Date : 12/07/2022


Director
Board of Examinations and Evaluation






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



15.Synthesis and Biological Evaluation of some Coumarin Derivatives


Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)
Vawhal Pallavi Kishor (वावहाल पल्लवी किशोर)
Mother's Name : Shobha (शोभा)

University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER:


1. Faculty	: Science & Technology
2. Subject	: Pharmaceutical Chemistry
3. Title of the Thesis	: "Synthesis And Biological Evaluation of Some Coumarin Derivatives."
4. Place of Research	: PES's Modern College of Pharmacy, Nigdi Pune-44
5. Name and Address of the Guide	: Dr. Shailaja B. Jadhav, PES's Modern College of Pharmacy, Nigdi Pune-44
6. Date of Registration	: 05 th April, 2018
7. Date of Declaration of Result	: 04 th October, 2022

Ganeshkhind, Pune - 411007.
Ref. No. PGS/Ph.D. / 7772.
Date : 20/10/2022.


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



16. Studies on solubility enhancement of poorly soluble drugs by different techniques


Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)

Kothawade Sachin Namdeo (कोठावाडे सचिन नामदेव)
Mother's Name : Lata (लता)

University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER:

1. Faculty	: Science & Technology
2. Subject	: Pharmaceutics
3. Title of the Thesis	: "Studies on solubility enhancement of Poorly Soluble drugs by different techniques."
4. Place of Research	: PES's Modern College of Pharmacy, Nigdi Pune-44
5. Name and Address of the Guide	: Dr. P.D. Chaudhari, PES's Modern College of Pharmacy, Nigdi Pune-44
6. Date of Registration	: 14 th August, 2014
7. Date of Re-Registration	: 14 th August, 2019
8. Date of Declaration of Result	: 19 th October, 2022

Ganeshkhind, Pune - 411007.
Ref. No. PGS/Ph.D./730
Date: 03/11/2022


Director
Board of Examinations and Evaluation




S.P.U./P-4/200-08-2022(293)/(10/Dec)




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



17. Nanotechnology Assisted Drug Delivery System


Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)


Gaikwad Nikita Maruti (गायकवाड निकिता मारुती)
Mother's Name : Lata (लता)


University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER:

1. Faculty	: Science & Technology
2. Subject	: Pharmaceutics
3. Title of the Thesis	: "Nanotechnology Assisted Drug Delivery System."
4. Place of Research	: PES's Modern College of Pharmacy, Nigdi Pune-44
5. Name and Address of the Guide	: Dr. P.D. Chaudhari, PES's Modern College of Pharmacy, Nigdi Pune-44
6. Date of Registration	: 26 th August, 2015
7. Date of Re-Registration	: 26 th August, 2020
8. Date of Declaration of Result	: 19 th October, 2022

Ganeshkhind, Pune - 411007,
Ref. No. PGS/Ph.D. / 799
Date : 03/11/2022.


Director
Board of Examinations and Evaluation



U.P.P.17P-3,000-49-2021(2015) (1/3)Hwa




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



18. Development and Evaluation of Polysaccharide Based Drug Delivery System

Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)

Kale Saugata Abasabeh (and other surname)
Mother's Name : Meera (fmr)

University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER:

1. Faculty	Science & Technology
2. Subject	Pharmaceutics
3. Title of the Thesis	"Development and Evaluation of Polysaccharide Based Drug Delivery System."
4. Place of Research	PES's Modern College of Pharmacy, Nigdi, Pune- 411044
5. Name and Address of the Guide	Dr. K. S. Sholkh, PES's Modern College of Pharmacy, Nigdi, Pune- 411044
6. Date of Registration	18 th April, 2016
7. Date of Re-Registration	18 th April, 2021
8. Date of Declaration of Result	23 rd December, 2022

Ganeshkhind, Pune - 411007,
Ref. No. PGS/Ph.D./2015
Date : 23/12/2022

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Board of Examinations and Evaluation



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



19. Synthesis and Evaluation of Some Substituted flavones as Potential Anticancer Agents

Savitribai Phule Pune University
(formerly University of Pune)


Declaration of Result of the Doctor of Philosophy (Ph.D.)
Chaudhari Bharti Yashavant (बीवरी भारती यशवंत)
Mother's Name : Leela (लीला)


University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER:

1. Faculty	: Science & Technology
2. Subject	: Pharmaceutical Chemistry
3. Title of the Thesis	: "Synthesis and Evaluations of Some Substituted Flavones as Potential Anticancer Agents."
4. Place of Research	: PES's Modern College of Pharmacy, Nigdi, Pune- 411044
5. Name and Address of the Guide	: Dr. S. B. Jadhav PES's Modern College of Pharmacy, Nigdi, Pune- 411044
6. Date of Registration	: 26 th August, 2015
7. Date of Re-Registration	: 26 th August, 2020
8. Date of Declaration of Result	: 20 th March, 2023

Ganeshkhind, Pune - 411007.
Ref. No. PGS/Ph.D. / 176
Date : 21/02/2023


Director
Board of Examinations and Evaluation



PES's Modern College of Pharmacy, Nigdi, Pune- 411044




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



20. Design, Synthesis and Evaluation of some Heterocyclic compounds of Potential Anti-Alzheimer Agents


Savitribai Phule Pune University
(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)

Candidate's Name : Chaudhari Semilatta Yashwant
(चौधरी सोमलता यशवंत)

Mother's Name : Leela (लीला)

University has accepted the thesis submitted by the above candidate for award of Ph.D. Degree, as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph.D. Degree.

Relevant details are as under :


1. Faculty	: Science and Technology
2. Subject Name	: Pharmaceutical Chemistry
3. Title of Thesis	: Design, Synthesis and Evaluation of some Heterocyclic compounds of Potential Anti-Alzheimer Agents.
4. Research Center	: P.E.S. Modern College of Pharmacy, Pune - 411044
5. Name and Address of the Guide	: Dr. Jadhav-Shailaja Dhanudas P.E.S. Modern College of Pharmacy, Pune - 411044
6. Date of Registration	: 26/08/2015
7. Date of Re-Registration	: 26/08/2020
8. Date of Declaration of Result	: 04/07/2023

Ganeshkhind, Pune - 411007.
Ref. No. PGS/Ph.D./23/S&T/0056
Date : 22/07/2023


Director
Board of Examinations & Evaluation

No - 23 - 0000053




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



List of Recognized PhD Guide in the College(13):-

Sr. No.	Guide Name	Designation	Subject Name
1	Dr.Chaudhari Pravin Digambar	Principal and Professor	Pharmaceutics
2	Dr.Jadhav Shailaja Bhanudas	Professor	Pharmaceutical Chemistry
3	Dr.Shaikh Karimunnisa Sameer	Professor	Pharmaceutics
4	Dr.Bandawane Deepti Dinesh	Professor	Pharmacology
5	Dr.Phatak Atul Anand	Professor	Pharmaceutics
6	Dr.Pimple Smita Sachin	Professor	Pharmaceutics
7	Dr.Nipate Sonali Sukhdeo	Associate Professor	Pharmacology
8	Dr.Chopade Vitthal Vishram	Associate Professor	Pharmaceutical Chemistry
9	Dr.Harde Minal Tejram	Associate Professor	Pharmaceutical Chemistry
10	Dr.Kakad Kalyani Shrinivas	Assistant Professor	Pharmacognosy
11	Dr.Patil Pallavi Mangesh	Assistant Professor	Pharmaceutical Chemistry
12	Dr.More Anuradha Ghanshyam	Assistant Professor	Pharmaceutics
13	Dr.Tapkir Amit Suryakant	Assistant Professor	Pharmaceutical Chemistry




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Sector No.21, Yashwanagar, Nigdi,
Pune - 411 044.



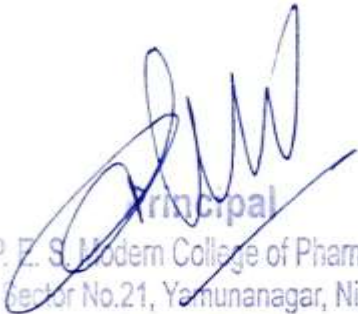
List of Students Registered in the institute excluding PhD awarded students (55)

Sr. No	Name of Student	Name of Guide	Subject	Date of Registration
1	Alhat Hemant Pandurang	Dr. G. S. Talele	Pharmaceutical Chemistry	9/2/2014
2	Kumbhar Amol Baban	Dr. P. D. Chaudhari	Pharmaceutics	8/26/2015
3	Chaudhari Somdatta Yashwant	Dr. S. B.Jadhav	Pharmaceutical Chemistry	8/26/2015
4	Chanshetti Rahul Ramesh	Dr. D. D. Bandawane	Pharmacology	4/7/2016
5	Naik Arvind Bhimrao	Dr. D. D. Bandawane	Pharmacology	4/7/2016
6	Desai Angira Shaishav Bhavana	Dr. S.S. Pimple	Pharmaceutics	4/18/2016
7	Mali Prashant Damodar	Dr. D. D. Bandawane	Pharmacology	1/24/2017
8	Nimbalkar Vikram Vinayakrao	Dr. N. S. Vyawahare	Pharmacology	4/5/2018
9	Rahigude Anand Baban	Dr. D. D. Bandawane	Pharmacology	4/5/2018
10	Shende Varsha Motilal	Dr. D. D. Bandawane	Pharmacology	4/5/2018
11	Sonar Priyanka Ambadas	Dr. K.S. Shaikh	Pharmaceutics	4/5/2018
12	Shrishail Maruti Ghurghure	Dr. A.A.Phatak	Pharmaceutics	3/4/2020
13	Rahul Anil Kapse	Dr. A.A.Phatak	Pharmaceutics	3/4/2020
14	Sneha Chandramani Wankhede	Dr. A.A.Phatak	Pharmaceutics	3/4/2020
15	Savita Shrikant Deokar	Dr. K.S.Shaikh	Pharmaceutics	3/4/2020
16	Abhijeet Ashok Aher	Dr. K.S.Shaikh	Pharmaceutics	3/4/2020
17	Amit Shantaram Manmode	Dr. S.S.Pimple	Pharmaceutics	3/4/2020
18	Nayan Parag Ajankar	Dr. S.S.Pimple	Pharmaceutics	3/4/2020
19	Sonali Balaso Deokate	Dr. S.S.Pimple	Pharmaceutics	3/4/2020
20	Sonali Gajanan Banpure	Dr. V.V.Chopade	Pharmaceutical Chemistry	3/4/2020
21	Prashant Rajaram Patankar	Dr. V.V.Chopade	Pharmaceutical Chemistry	3/4/2020
22	Nilesh Ganpat Dumbre	Dr. V.V.Chopade	Pharmaceutical Chemistry	3/4/2020
23	Vaishali Keshav Chavan	Dr. R. B. Pandhare	Pharmacology	2/26/2021
24	Kalyani Appasaheb Autade	Dr. R. B. Pandhare	Pharmacology	2/26/2021
25	Vaibhav Sarjerao Gawade	Dr. V.V.Chopade	Pharmaceutical Chemistry	2/25/2021
26	Nikita Kishor Kale	Dr. S. G. Walode	Pharmaceutical Chemistry	2/25/2021
27	Rupali Arvind Jinturkar	Dr. P.M. Patil	Pharmaceutical Chemistry	4/18/2022
28	Shital Satyavan Phadtare	Dr. V.V.Chopade	Pharmaceutical Chemistry	4/18/2022
29	Nikhil Kisan Gabhale	Dr. S. B.Jadhav	Pharmaceutical Chemistry	4/18/2022
30	Sheetal Dhiraj Chaudhari	Dr. V.V.Chopade	Pharmaceutical Chemistry	4/18/2022
31	Kaustubh Atmaram Pawar	Dr. K.S. Shaikh	Pharmaceutics	4/29/2022
32	Manoj Shankar Narkhede	Dr. P. D. Chaudhari	Pharmaceutics	4/29/2022
33	Amol Vasant Deshpande	Dr. A.A.Phatak	Pharmaceutics	4/29/2022
34	Rohit Maruti Gurav	Dr. P. D. Chaudhari	Pharmaceutics	4/29/2022
35	Sagar Suresh Jadhav	Dr. A.A.Phatak	Pharmaceutics	4/29/2022



36	Anjali Ramakant Kumbhar	Dr. S. S. Nipate	Pharmacology	4/20/2022
37	Mukund Namdeo Urade	Dr. S. S. Nipate	Pharmacology	4/20/2022
38	Rohini Prabhakar Chavan	Dr. S. S. Nipate	Pharmacology	4/20/2022
39	Swateja Sanjay Bhosale	Dr. D. D. Bandawane	Pharmacology	4/20/2022
40	Chaitali Shashikant Waghmare	Dr. S. S. Nipate	Pharmacology	4/20/2022
41	Amit Gupta	Dr. K.S. Shaikh	Pharmaceutics	9/19/2022
42	Alka Ramesh Bhure	Dr. A.A. Phatak	Pharmaceutics	5/10/2023
43	Santosh Ananda Bhende	Dr. P.D. Chaudhari	Pharmaceutics	5/10/2023
44	Dhanashri Pandurang Garud	Dr. A.G. More	Pharmaceutics	5/10/2023
45	Rahul Shankar Narkhede	Dr. S.S. Pimple	Pharmaceutics	5/10/2023
46	Surbhi Chandrashekar Gupta	Dr. A.G. More	Pharmaceutics	5/10/2023
47	Ankita Rajendra Gaikwad	Dr. S.S. Pimple	Pharmaceutics	5/10/2023
48	Shubham Ramchandra Khade	Dr. M.T. Harde	Pharmaceutical Chemistry	5/10/2023
49	Mayur Sanjay Tekade	Dr. P.M. Patil	Pharmaceutical Chemistry	5/10/2023
50	Monika Dattatray Mahajan	Dr. A.S. Tapkir	Pharmaceutical Chemistry	5/10/2023
51	Pritam Bhagawat Chaudhari	Dr. A.S. Tapkir	Pharmaceutical Chemistry	5/10/2023
52	Vaishali Dinkar Dandge	Dr. M.T. Harde	Pharmaceutical Chemistry	5/10/2023
53	Ankita Anil Dudhal	Dr. S.S. Nipate	Pharmacology	5/10/2023
54	Ashwini Chitrangad Kotkar	Dr. D.D. Bandawane	Pharmacology	5/10/2023
55	Dipali Rajaram Hanamghar	Dr. Vishnu Neharkar	Pharmacology	5/10/2023

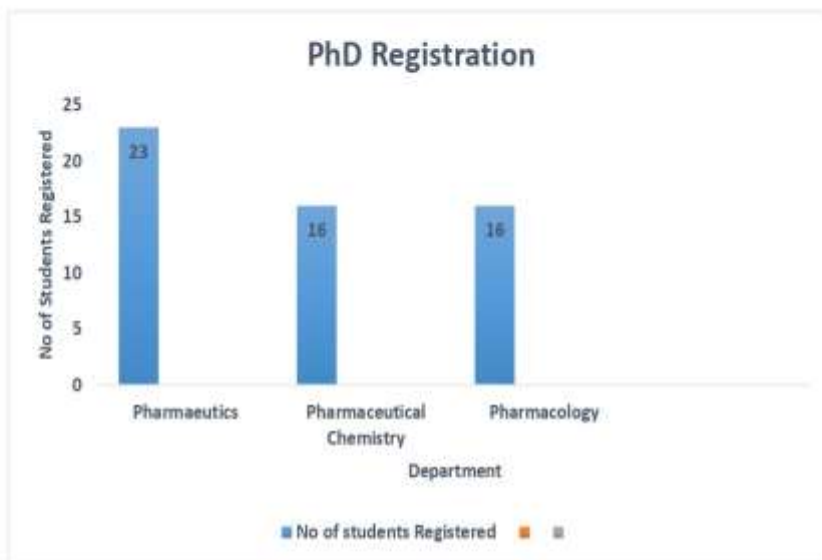



Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.



Summary of No of PhD Registered Students

1	Pharmaceutics	23
2	Pharmaceutical Chemistry	16
3	Pharmacology	16
4	Total	55



Summary of No of PhD Registered Students




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



Research Funding and Grants

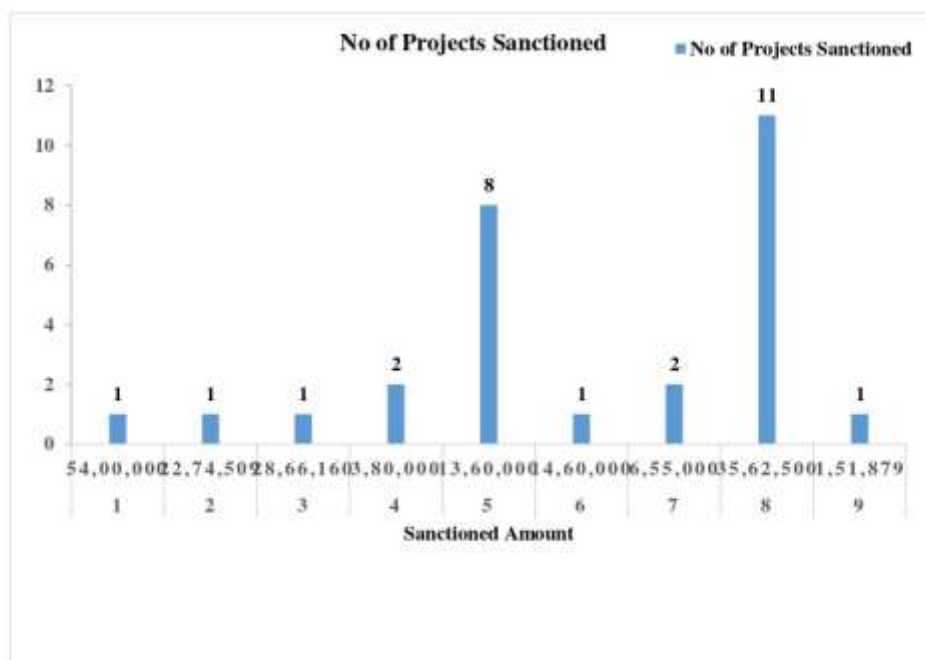


Total Research Grants from various funding agencies for last 5 years(1.81 Cr) grants

Summary of Funded/Sponsored Research Projects <u>sanctioned</u> by different funding agencies (Till date) Yearwise: POST NAAC					
Sr. No	Funding Agency	Sanctioned Amount Rs	No. of projects sanctioned	Major/Minor	Duration
1	Department of Science and Technology (DST) (Scheme- Fund for Improvement of Science & technology Infrastructure (FIST)	5400000	1	Major	2022-27
2	All India Council for Technical Education (AICTE) (Scheme- RPS)	2274509	1	Major	2020-23
3	Department of Science and Technology (DST) (Scheme- Women Scientist Scheme- B)	2866160	1	Major	2019-22
4	Savitribai Phule Pune University (SPPU)	380000	2	Minor	2016-18
5	Savitribai Phule Pune University (SPPU)	1360000	8	Minor	2014-16
6	University Grants Commission (UGC)	1460000	1	Major	2015-18
7	University Grants Commission (UGC)	655000	2	Minor	2015-17
8	University Grants Commission (UGC)	3562500	11	Minor	2014-16
9	International Brain Research Organization (IBRO) <i>[International Funding Agency](\$2500)</i>	151879	1	Minor	2014-15
		18110048	28		
Rs. One Crore Eight-One Lakhs Ten Thousand Forty Eight for Twenty-Eight projects					



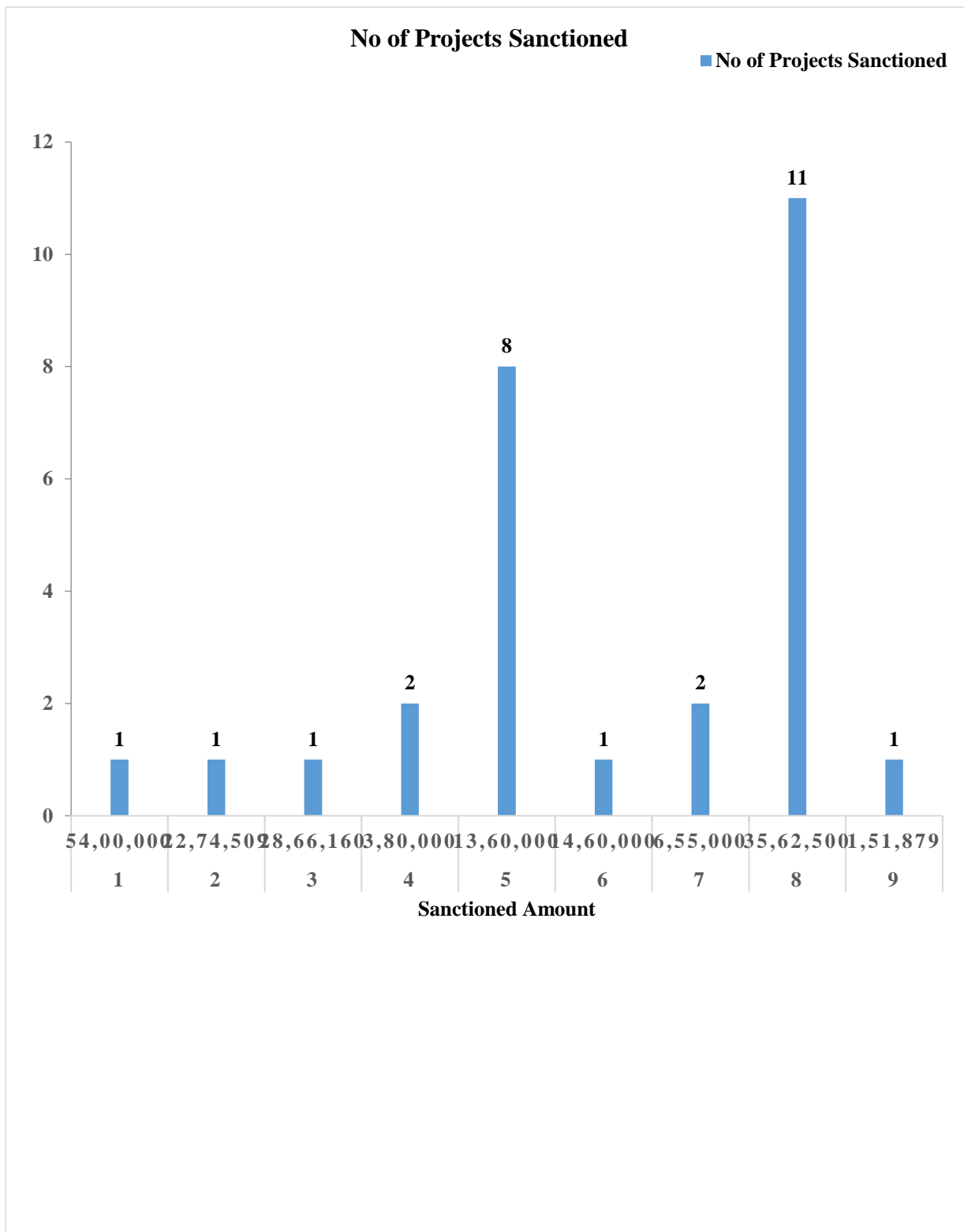

Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.



Graph of Total Research Grants from various funding agencies for last 5 years(1.81 Cr) grant




Principal
P. Z. S. Modern College of Pharmacy
Sector No.21, Yashwananagar, Nigdi,
Pune - 411 044.





Summary of Funded/Sponsored Research Projects Sanctioned: POST NAAC Funding agency wise (Till date)				
S. No.	Funding Agency	Amount Sanctioned Rs	No. of Projects sanctioned	Major/Minor
1	Department of Science and Technology (DST) Govt. of India	8266160	2	Major
2	All India Council for Technical Education (AICTE)	2274509	1	Major
3	University Grants Commission (UGC)	1460000	1	Major
4	University Grants Commission (UGC)	4217500	13	Minor
5	Savitribai Phule Pune University (SPPU)	1740000	10	Minor
6	International Brain Research Organization (IBRO) (\$2500)	151879	1	Minor
Total Rs		18110048	28	
(Rs. One Crore Eighty One Lakhs Ten Thousand Forty Eight for Twenty-Eight projects only/-)				




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



Total Research Grants received from various funding agencies till date (46 projects of worth Rs. 23520048/-)

Summary of Funded/Sponsored Research Projects sanctioned by different funding agencies (Till date) Yearwise

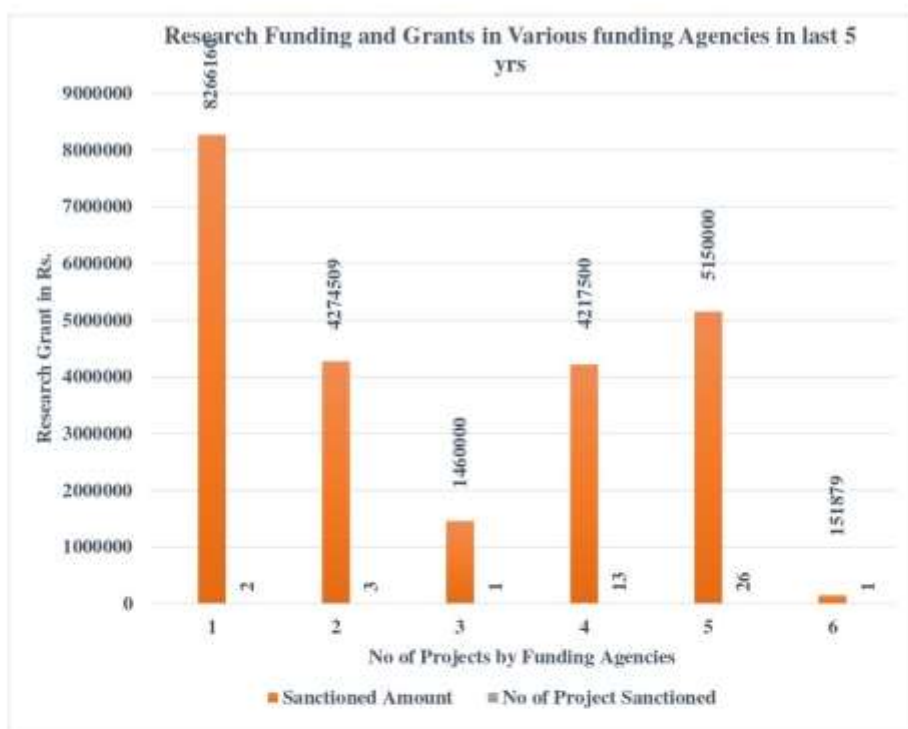
Sr No	Funding Agency	Sanctioned Amount Rs	No. of projects sanctioned	Major/Minor	Duration
1	Department of Science and Technology (DST) (Scheme-Fund for Improvement of Science & technology Infrastructure (FIST))	5400000	1	Major	2022-27
2	All India Council for Technical Education (AICTE) (Scheme- RPS)	2274509	1	Major	2020-23
3	Department of Science and Technology (DST) (Scheme-Women Scientist Scheme-B)	2866160	1	Major	2019-22
4	Savitribai Phule Pune University (SPPU)	380000	2	Minor	2016-18
5	Savitribai Phule Pune University (SPPU)	1360000	8	Minor	2014-16
6	University Grants Commission (UGC)	1460000	1	Major	2015-18
7	University Grants Commission (UGC)	655000	2	Minor	2015-17
8	University Grants Commission (UGC)	3562500	11	Minor	2014-16
9	International Brain Research Organization (IBRO) [International Funding Agency](\$2500)	151879	1	Minor	2014-15
10	Savitribai Phule Pune University (SPPU)	610000	3	Minor	2013-15
11	Savitribai Phule Pune University (SPPU)	200000	1	Minor	2012-14
12	Savitribai Phule Pune University (SPPU)	600000	3	Minor	2011-13
13	All India Council for Technical Education (AICTE) (Scheme- MODROB)	1300000	1	Major	2011-12
14	All India Council for Technical Education (AICTE) (Scheme- RPS)	700000	1	Major	2011-12
15	Savitribai Phule Pune University	1700000	8	Minor	2009-12
16	Savitribai Phule Pune University (SPPU)	300000	1	Minor	2006-08
		23520048	46		
Rs. Two Crore Thirty-Five Lakhs Twenty Thousand Forty Eight for Forty-Six projects					



Summary of Funded/Sponsored Research Projects Sanctioned: <u>Funding agency wise</u> (Till date)				
S. No.	Funding Agency	Amount Sanctioned Rs	No. of Projects sanctioned	Major/Minor
1	Department of Science and Technology (DST) Govt. of India	8266160	2	Major
2	All India Council for Technical Education (AICTE)	4274509	3	Major
3	University Grants Commission (UGC)	1460000	1	Major
4	University Grants Commission (UGC)	4217500	13	Minor
5	Savitribai Phule Pune University (SPPU)	5150000	26	Minor
6	International Brain Research Organization (IBRO) (\$2500)	151879	1	Minor
Total Rs		23520048	46	
(Rs. Two Crore Thirty-Five Lakhs Twenty Thousand Fourty Eight for Forty-Six projects only/-)				




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



Graph of Total Research Grants received from various funding agencies till date (46 projects of worth Rs. 23520048/-)




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

**Details of Funded/Sponsored Ongoing Projects (Till date)**

S. No.	Name of Principal Investigator	Title of Project	File No./Reference No	Year/Duration	Major/Minor	Funding Agency	Sanctioned Amount Rs./-
1	Dr. P. D. Chaudhari/ Modern College of Pharmacy, Nigdi, Pune	Development of Advanced Instrumentation Facility For the Isolation, Characterization and Formulation Development of Synthetic and Natural Dosage Forms. FIST Programme 2022 [TPN-83827]	SR/FST/COLL/EGE/2022/1265	2022-27	Major Project	Department of Science and Technology (DST) (Scheme-Fund for Improvement of Science & technology Infrastructure (FIST))	5400000
2	Dr. V. V. Chopade	Synthesis and conjugation of aromatase inhibitors for targeted drug in treatment of breast cancer	8-10/FD C/RPS/SC&ST (Policy - 1)/2019-20	2020-23	Major Project	All India Council for Technical Education (AICTE) (Scheme-RPS)	2274509
						Total Rs	7674509
(Rs. Seventy Six Lakhs Seventy Four Thousand Five hundred Nine only/- for Two projects)							




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Pune - 411 044.




Prestigious Awards and Academic Recognitions:



Awards and Recognition to Institute

1. Best Professional college Award (Urban Category)




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2.Best NSS Unit




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3. Runner up of In-victa Championship:2019-20



Progressive Education Society's

MODERN COLLEGE OF PHARMACY

Accredited by NAAC

Best College Award by Savitribai Phule Pune University



Approved by All India Council for Technical Education, New Delhi, Pharmacy Council of India, New Delhi,
 Directorate of Technical Education, Mumbai (MS), Permanently Affiliated to
 Savitribai Phule Pune University, Pune & Approved under Section 2 (f) & 12 (B) of UGC Act, 1956

Section No.21, Yamunanagar, Nigdi, Pune-411 044, (M.S.) Tel.: 020-27661315 Fax: 020-27661314
 E-mail: mcpnigdi44@gmail.com Website: www.mcp.org.in

Prof. Dr. P. D. Chaudhari
M.Pharm., Ph.D.
Principal

Prof. Dr. G. R. Ekbote
M.S., M.N.A.M.S.
Chairman, Business Council

REPORT OF GENERAL CHAMPIONSHIP
(WINNERS & RUNNER-UP IN STATE LEVEL SPORTS COMPETATION)
 Academic year 2019-20

Name of Competition: Invicta-5 State Level Sporting Encounter 2020

Results of competition: Prize receive by Modern college of Pharmacy students

Overall results: GENERAL CHAMPIONSHIP (Received Prize in 6 events out of 10 organized by IPA sports competition)

Sl. No	Year	Name of the award/ medal	Team / Individual	University / State / National / International	Name of Students
2	2019-20	Winner in Volleyball Competition	Team	State	Yash Chavan
					Pandurang Vijapure
					Lokesh Patil
					Prathmesh Gunjal
					Rahul Dighe
					Prasad Bhongle
					Saurabh Chavhan
					Mayuresh Takawale
3	2019-20	Winner in Chess competition	Individual	State	Abhishek Khair
					Rutuja Sawkar
4	2019-20	Runner up in Tug of War competition	Team	State	Sayali Powar
					Disha Shirke
					Shruti Tiwari
					Neha Kakade
					Roshni Gite
					Sayali Pawar
					Vaishnvi Ransing
					Vaishnvi Shinde

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Section No.21, Yamunanagar, Nigdi, Pune-411 044. (M.S.) Tel : 020-27661315 Fax: 020-27661314
 E-mail : mcpnigdi44@gmail.com Website : www.mcop.org.in


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 M.S., M.N.A.M.S.
 Chairman, Business Council

					Charmine Richardson
					Monica Mahadik
					Bhagashree Savase
					Bharti Chaudhaari
5	2019-20	Winner in Shot Put competition	Individual	State	Shelke Ganesh
6	2019-20	Winner in Carrom competition)	Team	State	Abhijeet Thorat
					Bajirao Morale
Overall results: GENERAL CHAMPIONSHIP (Received Prize in 6 events out of 10 organized by IPA sports competition					


 Dr. V V Chopade
 Sport Incharge




 Dr. P. D. Chaudhari
 Principal
 P. E. S. Modern College of Pharmacy
 Sector No.21, Yamunanagar, Nigdi,
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Directorate of Technical Education, Mumbai (MS), Permanently Affiliated to
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Principal

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M.S., M.N.A.M.S.
Chairman, Business Council

PHOTO



General Championship trophy is awarded for prize received in 6 events out of 10 events organized by IPA sports competition-2019-20 by Hands of Dr. P. G. Yeole (Vice-Presidents of Pharmacy council of India).



Dr. V V Chopade
Sport Incharge




Dr. P. D. Chaudhari
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**4. Winner of State level Inter-college Vidhirang Championship:2022-23**


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 Yamunanagar, Nigdi, Pune -44
 

VIDHIRANG 2023
State Level Inter Collegiate Competition
General Championship Winner : MCOP Nigdi

No.	Category : Debate	Award
1	English Language Nikhil Joshi : 3 rd Yr Pharm D Osama Momin : 3 rd Yr Pharm D	Runner up

No.	Category: Youth Parliament	Award
1	Siddhesh Zhinzurke : Third Yr B.Pharm	Best Member of Parliament : Opposition party

No.	Category: Face Painting	Award
1	Onkar Surawase: 1 st Year M.Pharm	Runner up

No.	Category : Hair & Make up	Award
1	Yashika Rohida : First Year B.Pharm	Runner up

No.	Category: Essay Writting	Award
1	Marathi Language Vaishnavi Atole : Second Yr B.Pharm	Runner up
2	English Language Siddhi Birje : Second Yr B.Pharm	Runner up
3	Hindi Language Adwait Tole : Final Yr B.Pharm	Winner

No.	Category : Stand-up Comedy	Award
1	Bhargav Jagtap: Second Yr B.Pharm	Winner

No.	Category : Rangoli	Award
1	Atharva Joshi : Second Yr B.Pharm	not declared yet


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No.	Category : Comedy Skit	Award
1	Bhargav Jagtap: Second Yr B.Pharm Anish Gaikwad : Second Yr B.Pharm Vaibhavi Deshmukh: 3 rd Yr Pharm D Srushti Sonawane : 2 nd Yr Pharm D Kaustubh Kulkarni : First Yr B.Pharm	Winner

No.	Event : Carrom	Award
1	Carrom Girls Single Gauri Karande: Third Year B. Pharm	Gold Medal 🏆
2	Carrom Boys Doubles Bhargav Jagtap : Second Year B.Pharm Gaurav Memane : Fifth Year Pharm D	Silver Medal 🥈
3	Carrom Girls Doubles Gauri Karande: Third Year B. Pharm Deepti Gunjal : Third Year B. Pharm	Gold Medal 🏆
4	Carrom Mixed Doubles Gauri Karande: Third Year B. Pharm Niranjan Rajput : Final Year B.Pharm	Gold Medal 🏆
5	Carrom Mixed Doubles Deepti Gunjal : Third Year B. Pharm Gaurav Memane : Fifth Year Pharm D	Silver Medal 🥈

No.	Category : Table Tennis	Award
1	Table Tennis Girls Single Lassya Ratna: Second Year Pharm D	Silver Medal 🥈
2	Table Tennis Mixed Doubles Lassya Ratna: Second Year Pharm D Nitesh Agrawal: Fifth Year Pharm D	Silver Medal 🥈

No.	Category : Athletics - Short Put	Award
1	Satywan Kumbhar : 5 th Yr Pharm D	Gold Medal 🏆
2	Niranjan Rajput : Final Year B.Pharm	Silver Medal 🥈
3	Kritika Ghode : 4 th Yr Pharm D	Silver Medal 🥈



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No.	Category : Athletics- Running	Award
1	4*100 Relay Boys Gaurav Memane : Fifth Year Pharm D Shreenath Waghmare: Final Yr B.Pharm Adil Pathan : 1 st Yr M.Pharm Abhishek Shendurkar: Third Year B. Pharm	Gold Medal 🏆
2	4*100 Relay Boys Tejas Shinde : Second Year B.Pharm Vaibhav Pawar: Second Year B.Pharm Atharva Adhav : Second Year B.Pharm Devendra Dudhade: Second Year B.Pharm	Silver Medal 🥈
3	4*100 Relay Girls Gauri Karande : Third Year B. Pharm Deepti Gunjal : Third Year B. Pharm Sharnya Shekhane : Second Year Pharm.D Monika Gande : Third Year Pharm.D	Silver Medal 🥈
4	100 M Boys Vaibhav Pawar : Second Year B.Pharm	Silver Medal 🥈
5	100 M Girls Gauri Karande : Third Year B. Pharm	Silver Medal 🥈
6	200M Boys Gaurav Memane : Fifth Year Pharm D	Silver Medal 🥈

No.	Category : Athletics - Discus Throw	Award
1	Satywan Kumbhar : 5 th Yr Pharm D	Gold Medal 🏆
2	Niranjan Rajput : Final Year B.Pharm	Silver Medal 🥈
3	Yash Kulkarni: Second Yr B.Pharm	Bronze Medal 🥉
4	Kritika Ghode : 4 th Yr Pharm D	Silver Medal 🥈
5	Pooja Hatkar : Third Year B.Pharm	Bronze Medal 🥉




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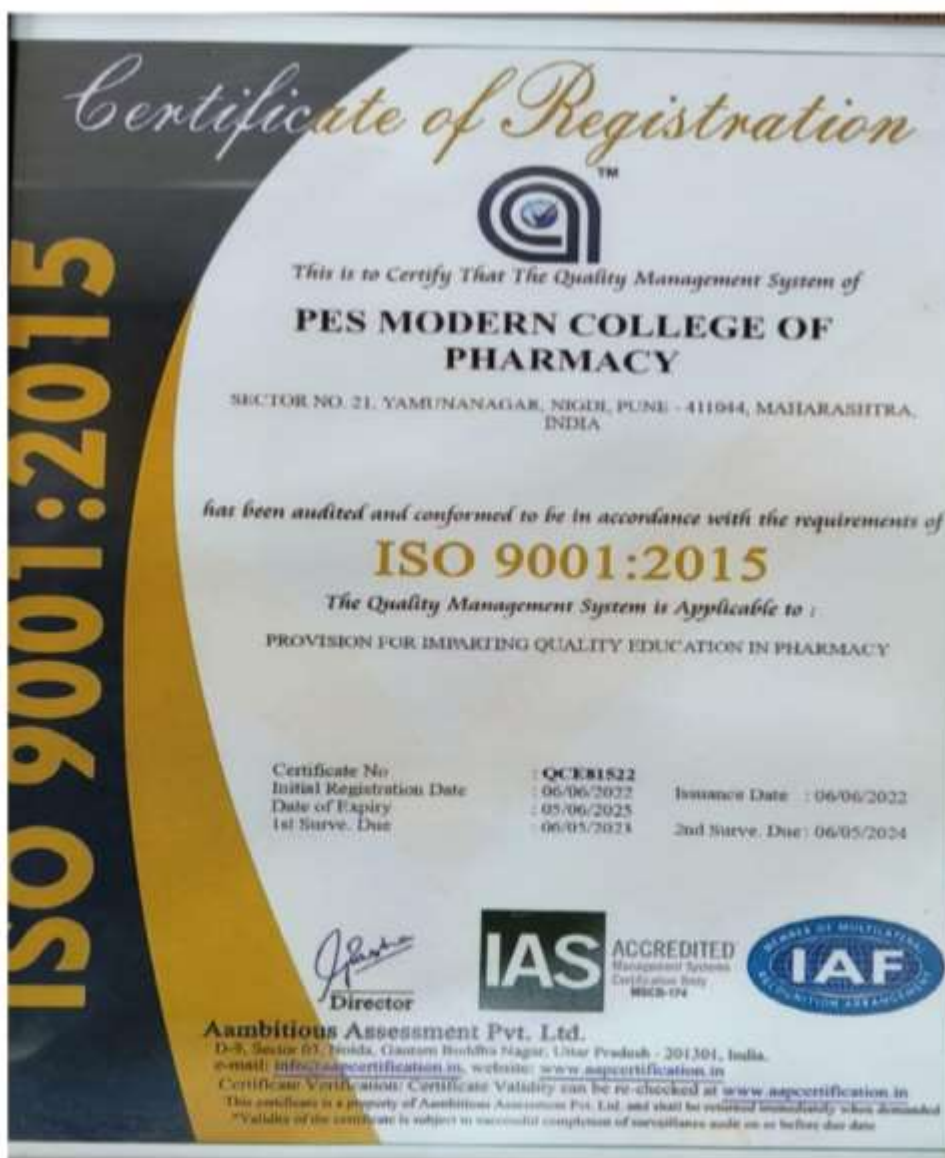


Winner of State level Inter-college Vidhirang Championship:2022-23





5. ISO 9001:2015 Recognition



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6. Quality Circle Forum of India



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7. Green Campus Award by V-medulife



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8. Top 10 Pharmacy College recognition



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9. Top 10 Pharmacy College recognition



[Signature]
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Pune - 411 044.




Publications and Intellectual Property



Sustainable Intellectual Property (Patents) Activities:

**Research Patents Filed and Published: - 49**

Sr. No.	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YY YY)	Patent Publication Number / Patent Granted Number
Research Patents Filed=08					
1	Dr. Vitthal V. Chopade	Silver Nanoparticles, Its Preparation and Medicinal bandages Impregnated With The Silver Nanoparticle	Gajanan Ramakant Ekbote, Dr. Pravin Digambar Chaudhari, Vitthal Vishram Chopade, Ms. Diksha Sanjay Kamble,	31/03/2021	202121014743 (Filed)
2	Dr. Anuradha G. More	"PROPOLIS NANOPARTICLES FORMULATION FOR WOUND HEALING"	Dr. Anuradha G. More	11/01/23	202321002317 (Filed)
3	Dr. Ujwala S. Desai, Dr. Padmaja S. Kore, Dr. P. D. Chaudhari	Herbal chewing gum for mouth infection	Dr. Ujwala S. Desai, Dr. Padmaja S. Kore, Dr. P. D. Chaudhari	10/01/23	202321001918 (Filed)
4	Dr. Padmaja S. Kore, Dr. Ujwala S. Desai, Dr. P. D. Chaudhari	Polyherbal dermal patch for fungal infections	Dr. Padmaja S. Kore, Dr. Ujwala S. Desai, Dr. P. D. Chaudhari	09/01/23	202321001802 (Filed)
5	Dr. Padmaja S. Kore, Dr. Anuradha G. More, Dr. Ujwala S. Desai, Dr. P. D. Chaudhari	Herbal chewing gums for mouth ulcer.	Dr. Padmaja S. Kore, Dr. Anuradha G. More, Dr. Ujwala S. Desai, Dr. P. D. Chaudhari	10/01/2023	202321001993 (Filed)
6	Dr. Padmaja S. Kore, Dr. Ujwala S. Desai, Dr. Anuradha G. More, Dr. P. D. Chaudhari, P.E.S. Modern College of Pharmacy, Nigdi	Herbal antimicrobial topical formulation for fungal infection	Dr. Padmaja S. Kore, Dr. Ujwala S. Desai, Dr. Anuradha G. More, Dr. P. D. Chaudhari, P.E.S. Modern College of Pharmacy, Nigdi	10/01/23	202321001993 (Filed)
7	Dr. Ujwala S. Desai, Dr. Padmaja S. Kore, Dr. P. D. Chaudhari	HERBAL EXFOLIATING FACEWASH TABLET	Dr. Ujwala S. Desai, Dr. Padmaja S. Kore, Dr. P. D. Chaudhari	10/01/23	202321002004 (Filed)
8	Dr. Atul Anand Phatak, Mr. Sagar S. Jadhav	Bilayer Tablet Formulation And Preparation Method There fore Treatment Of Angina And Heart Failure	P. E. Society's Modern College of Pharmacy, Pune Dr. Atul Anand Phatak, Mr. Sagar S. Jadhav	23/01/2023	



Research Patent Published=41						
Sr. No.	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YY YY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number
1	Anuradha A. Ranpise, Mukesh P. Ratnaparkhi, Kadu S. Kisan	A Novel Modified Release Drug Delivery System and a Process for Preparing the Same	Anuradha A. Ranpise, Mukesh P. Ratnaparkhi, Kadu S. Kisan	26/07/2017	01/02/2019	201721026620 (Published)
2	Mukesh P. Ratnaparkhi, Anuradha A. Ranpise, Sharad B. Pawar, Shilpa T. Satpute	A novel solid carrier system and a process for preparing the same	Mukesh P. Ratnaparkhi, Anuradha A. Ranpise, Sharad B. Pawar, Shilpa T. Satpute	26/07/2017	01/02/2019	201721026629 (Published)
3	Om Bagade, Dr. S. N. Dhole, Dr. P. D. Chaudhari	Atorvastatin-calcium loaded nanoporous drug delivery system and method thereof	Om Bagade, Dr. S. N. Dhole, Dr. P. D. Chaudhari	21/06/2020	05/02/2021	202021026106 A (Published)
4	Jadhav Shailaja Bhanudas, Gaikwad Shweta Sunil, Bandawane Deepti Dinesh	Quinazolinone incorporating sulphonamide derivatives	Jadhav Shailaja Bhanudas, Gaikwad Shweta Sunil, Bandawane Deepti Dinesh	22/02/2021	28/06/2021	202121007357 (Published)
5	Anuradha G. More, Manorama M. Yadav, Padmaja S. Kore, Praveen D. Chaudhari	Self-Nanoemulsifying composition and its preparation	PES Modern College of Pharmacy Nigdi Pune, Anuradha G. More, Padmaja S. Kore, Praveen D. Chaudhari	03/03/2022	27/05/2022	202221011370 (Published)
6	Praveen D. Chaudhari, Dr. Vitthal V. Chopade, Patankar Prashant	Foot Deodorizing Gel Formulation	PES Modern College of Pharmacy Nigdi Pune, Praveen D. Chaudhari, Dr. Vitthal V. Chopade, Patankar Prashant	01/08/2022	03/03/2023	202221043840 (Published)
7	Praveen D. Chaudhari, Dr. Vitthal V. Chopade, Patankar Prashant	Foot Deodorizing Spray	PES Modern College of Pharmacy Nigdi Pune, Praveen D. Chaudhari, Dr. Vitthal V. Chopade, Patankar Prashant	01/08/2022	03/03/2023	202221043841 (Published)
8	Nobendu Mukherjee, Nikita M. Gaikwad, Parag A. Pathade, Somdatta Y. Chaudhari, Swastika Maitra, Abhujit Dey, Arabinda Ghosh	Computational Approches in Ameliorating by inhibition of PALB2/BRCA2 in ovarian Cancer using a novel Iso quinolone Alkaloid berberine	Nobendu Mukherjee, Nikita M. Gaikwad, Parag A. Pathade, Somdatta Y. Chaudhari, Swastika Maitra, Abhujit Dey, Arabinda Ghosh	16/04/2022	20/05/2022	202223102258 1 (Published)
9	Ganesh B. Nigade, Deepali B. Jagtap, Shriram H. Bairagi, Kranti G. Nigde, Somdatta Y. Chaudhari	High density alcohol sanitizer to prevent the COVID-19	Ganesh B. Nigade, Deepali B. Jagtap, Shriram H. Bairagi, Kranti G. Nigde, Somdatta Y. Chaudhari	09/04/2020	11/09/2020	202021015666 (Published)



10	Ganesh B. Nigade, Somdatta Y. Chaudhari, Pradip Chavan, Meenakshi N. Deodhar, Shriram H. Bairagi, Jayshri H. Bairagi	Intelligent Way to produce the nicotinic acid from tobacco waste	Ganesh B. Nigade, Somdatta Y. Chaudhari, Pradip Chavan, Meenakshi N. Deodhar, Shriram H. Bairagi, Jayshri H. Bairagi	30/5/2021	02/07/2021	202121024059 (Published)
11	Devendra Laxman Visokar, Tabassum Khaju Shaikh, Dr. Pravin Digambar Chaudhari, Ms. Nikita Maruti Gaikwad	"Micronutrient transdermal patch and process for preparation thereof"	P. E. Society's Modern College of Pharmacy, Nigdi, Pune., Devendra Laxman Visokar, Tabassum Khaju Shaikh, Dr. Pravin Digambar Chaudhari, Ms. Nikita Maruti Gaikwad	21/09/2022	30/09/2022	202221053903 (Published)
12	Ms. Nikita Maruti Gaikwad, Dr. Praveen Digambar Chaudhari, Dr. Karimunnisa Sameer Shaikh, Mr. Somdatta yashwant Chaudhari	"Dual Drug loaded targeted polymeric micelles for treatment of cancer and method of preparation thereof"	P. E. Society's Modern College of Pharmacy, Nigdi, Pune, Ms. Nikita Maruti Gaikwad, Dr. Praveen Digambar Chaudhari, Dr. Karimunnisa Sameer Shaikh, Mr. Somdatta yashwant Chaudhari	11/09/2022	23/09/2022	202221051824 (Published)
13	Dr. Amit S. Tapkir, Dr. Ashok B. Pathak, Dr. Praveen Digambar Chaudhari, Mr. Sanket B. Bhatshankar, Mr. Sandip M. Bhagat	"Synthesis of Atenolol Impurity of 2,2'-[(2-hydroxypropane-1,3-diyl) bis(oxy)) bis (4,1-phenylene)] diacetamide"	P. E. Society's Modern College of Pharmacy, Nigdi, Pune, Dr. Amit S. Tapkir, Dr. Ashok B. Pathak, Dr. Praveen Digambar Chaudhari, Mr. Sanket B. Bhatshankar, Mr. Sandip M. Bhagat	09/09/2022	07/10/2022	202221051614 A (Published)
14	Somdatta D. Chaudhari, Padmashree Dr. R. B. Nanaware, S. B. Nanaware, Sudarshan Borah, Pallab Kalita, V. D. Rathod	Computational Approches in modifying the inhibition of toll like receptor in alzheimer's disease prognosis using Claviceps purpurea derived brominated compound, A-Ergocryptine	Somdatta D. Chaudhari, Padmashree Dr. R. B. Nanaware, S. B. Nanaware, Sudarshan Borah, Pallab Kalita, V. D. Rathod	27/09/2022	07/10/2022	202221055444 (Published)
15	Dr. Karimunnisa Sameer Shaikh, Praveen Digambar Chaudhari	"Azithromycin Formulation With enhanced Solubility"	Dr. Karimunnisa Sameer Shaikh, Praveen Digambar Chaudhari, Mr. Sanket Bharat Bhadange	16/11/2022	25/12/2022	202221065721 (Published)
16	Somdatta D. Chaudhari, Dr. Athanasios T. Alexious, Vivek D. Rathod	Target Specific inhibition of bace-1 using olive compound, wedocin for inhibition of Alzheimer's disease	Somdatta D. Chaudhari, Dr. Athanasios T. Alexious, Vivek D. Rathod	28/11/2022	02/12/2022	202241068396 (Published)
17	S. N. Kothawade, P. D. Chaudhari	Solid Dispersion of Candesartan Cilexetil for Solubility and Dissolution	S. N. Kothawade, P. D. Chaudhari	11/01/2022	28/01/2022	202221001399 A (Published)



18	1)Dr. Arabinda Ghosh 2) Mr. Somdatta Yashwant Chaudhari 3) Dr. Upendra Chandrakant Galgatte 4)Dr. Sonali Waghmare 5)Mr. Rajesh Bibhishan Nanaaware 6)Prof. Shachindra L. Nargund 7)Prof. Suraj Bibhishan Nanaaware 8)Ms. Smruti Shridhar Gaikwad 9)Mr. Manoj Kumar Sabnani 10)Padmashree Das	A computational system and method for inhibition of monkeypox virus using a mushroom derived compound	1)Dr. Arabinda Ghosh 2) Mr. Somdatta Yashwant Chaudhari 3)Dr. Upendra Chandrakant Galgatte 4)Dr. Sonali Waghmare 5)Mr. Rajesh Bibhishan Nanaaware 6)Prof. Shachindra L. Nargund 7)Prof. Suraj Bibhishan Nanaaware 8)Ms. Smruti Shridhar Gaikwad 9)Mr. Manoj Kumar Sabnani 10)Padmashree Das	17/09/2022	23/09/2022	202231053209 A (Published)
19	1)Dr. Arabinda Ghosh 2)Mr. Somdatta Yashwant Chaudhari 3)Dr. Shailaja B. Jadhav 4)Dr. Upendra Chandrakant Galgatte 5)Mr. Vivek Digamber Rathod 6)Ritika Sharma 7)Dr. Sudarshana Borah 8)Mrs. Harshada Heramb Puranik 9)Dr. Akshada Amit Koparde 10)Dr. Rajendra C Doijad 11)Mr. Manoj Kumar Sabnani 12)Padmashree Das	Computational approach to inhibiting Alzheimer's kelch neh2 complex using malus domestica peels	1)Dr. Arabinda Ghosh 2)Mr. Somdatta Yashwant Chaudhari 3)Dr. Shailaja B. Jadhav 4)Dr. Upendra Chandrakant Galgatte 5)Mr. Vivek Digamber Rathod 6)Ritika Sharma 7)Dr. Sudarshana Borah 8)Mrs. Harshada Heramb Puranik 9)Dr. Akshada Amit Koparde 10)Dr. Rajendra C Doijad 11)Mr. Manoj Kumar Sabnani 12)Padmashree Das	27/09/2022	09/12/2022	202231055193 A (Published)
20	Dr. Kalyani S. Kakad, Dr. Sneha Nawale, Rangam Chariitha, Dr. M. Ganga Raju, Dr. Giriraj T. Kulkarni	Herbal extract Nanosuspension for treating Ulcers.	Dr. Kalyani S. Kakad, Dr. Sneha Nawale, Rangam Chariitha, Dr. M. Ganga Raju, Dr. Giriraj T. Kulkarni	16/12/2022	16/12/2022	202241072943 (Published)
21	Dr. Amit S. Tapkir, Dr. Praveen Digambar Chaudhari, Dr. Ashok B. Pathak, Mr. Sanket B. Bhatshankar, Mr. Sandip M. Bhagat	"Synthesis of Atenolol Impurity of 2,2'-[(isopropyl azanediyl) bis (2-hydroxypropane-3,1-diyl)) bis(oxy)) bis (4,1-phenylene)] diacetamide"	Dr. Amit S. Tapkir, Dr. Praveen Digambar Chaudhari, Dr. Ashok B. Pathak, Mr. Sanket B. Bhatshankar, Mr. Sandip M. Bhagat	09/09/2022	07/10/2022	202221051614 (Published)
22	Dr. Atul Anand Phatak, Ms. Alka Ramesh Bhure, Dr. Pravin Digambar Chaudhari	Stable Bicalutamide nanosuspension with enhanced solubility	Dr. Atul Anand Phatak, Ms. Alka Ramesh Bhure, Dr. Pravin Digambar Chaudhari	09/12/2022	23/12/2022	202221071046 (Published)
23	Dr. Bhushan Prakash Pimple, Dr. Mohini Chetan Kuchekar, Dr. Praveen Digambar	"Herbal lipstick Formulation with capsicum oleo resin"	Dr. Bhushan Prakash Pimple, Dr. Mohini Chetan Kuchekar, Dr. Praveen Digambar	09/12/2022	23/12/2022	202221071157 (Published)



	Chaudhari, Mrs. Suvarna A Vadge		Chaudhari, Mrs. Suvarna A Vadge			
24	Dr. Karimunnisa Sameer Shaikh, Priyanka Ambadas Sonar	A stable nanocochleate composition of lapatinib	Dr. Karimunnisa Sameer Shaikh, Priyanka Ambadas Sonar	14/11/2022	23/12/2022	202221065234 (Published)
25	Mr. Somdatta Yashwant Chaudhari, Ms. Nikita M. Gaikwad, Sonali Arun Waghmare, Mr. Devesh Sharma, Dr. Popat Babanarao Mohite, Dr. Sudarshana Borah, Mr. Bhoge Nitin Dnyande, Vivek Digamber Rathod, Nikita Kishor Kale, Mr. Shubham Choudante	Computational Approaches In Repurposing Anti-High Blood Pressure Drug, Prazobind that Altering the Inhibition Of Rock2 Receptor In Suppressing Amyloid- β Production In Alzheimer's Disease Treatment	Mr. Somdatta Yashwant Chaudhari, Ms. Nikita M. Gaikwad, Sonali Arun Waghmare, Mr. Devesh Sharma, Dr. Popat Babanarao Mohite, Dr. Sudarshana Borah, Mr. Bhoge Nitin Dnyande, Vivek Digamber Rathod, Nikita Kishor Kale, Mr. Shubham Choudante	04/10/2022	11/11/2022	202221057066 (Published)
26	Mr. Somdatta Yashwant Chaudhari, Mr. Devesh Sharma, Vivek Digamber Rathod, Mr. Sandip Shrikishan Kshirsagar, Javed Ahmad Rais Ahmad Shuikh	Computational approaches in altering the inhibition of Acetylcholinesterase Receptor in Alzheimer's disease treatment using Geranylgeraniol	Mr. Somdatta Yashwant Chaudhari, Mr. Devesh Sharma, Vivek Digamber Rathod, Mr. Sandip Shrikishan Kshirsagar, Javed Ahmad Rais Ahmad Shuikh	20/10/2022	04/11/2022	202231060095 (Published)
27	Mr. Somdatta Yashwant Chaudhari, Dr. Shailaja B. Jadhav, Ms. Bhavana Ashokrao Shende, Dr. Megha Tukaram Salve, Mr. Vivek Digamber Rathod, Dr. Anjali M. WaneGaonkar, Ms. Harshal Anwane, Mr. Pavankumar D Chopade, Mrs. Savita Shrikant Deokar, Mr. Gurpreet Singh, Dr. Priyadarshini Bhattacharjee, Dr. Dattatreya Mukherjee	Repurposing resveratrol, a cardiovascular medicine for treating against oxidative stress of Keap1/Nrf2 complex in Alzheimer's disease	Mr. Somdatta Yashwant Chaudhari, Dr. Shailaja B. Jadhav, Ms. Bhavana Ashokrao Shende, Dr. Megha Tukaram Salve, Mr. Vivek Digamber Rathod, Dr. Anjali M. WaneGaonkar, Ms. Harshal Anwane, Mr. Pavankumar D Chopade, Mrs. Savita Shrikant Deokar, Mr. Gurpreet Singh, Dr. Priyadarshini Bhattacharjee, Dr. Dattatreya Mukherjee	16/12/2022	07/12/2022	202221070707 (Published)
28	Dr. Bhushan Pimple Dr. Mohini Kuchekar Dr. Pravin D Chaudhari Mrs suvarna vadge	Development of scale for determination of microscopic objects per sq. mm area	Dr. Bhushan Pimple Dr. Mohini Kuchekar Dr. Pravin D Chaudhari Mrs suvarna vadge	30/12/22	13/01/23	202221077110 (Published)




29	Dr. Pallavi M. Patil, Dr. P.D. Chaudhari, Mr. Mayur S. Tekade	"Process for the preparation of molnupiravir and impurities thereof"	P.E.S. Modern College of Pharmacy, Dr. Pallavi M. Patil, Dr. P.D. Chaudhari, Mr. Mayur S. Tekade	18/02/2023	17/03/2023	20232101117 2A (Published)
30	Dr. Atul Anand Phatak, Mr. Shrishail M. Ghurghure	Antimicrobial Cream Of Punica Granatum Seed Oil	Dr. Atul Anand Phatak, Mr. Shrishail M. Ghurghure	12/01/2023	17/03/2023	20232100262 8A (Published)
31	Dr. Minal Harde	Synthesis of Highly Luminescent Carbon Quantum Dots	Dr. Minal T Harde, Dr. P. D. Chaudhari, Ms. Ankita Patil, Modern College of Pharmacy, Nigdi, Pune	29/09/2022	23/12/2022	20222105580 4 (Published)
32	Dr. Minal Harde	Graphene Oxide Loaded Nanocarrier for Targeted Delivery of Anti-Cancer Drug.	Dr. Minal T Harde, Dr. P. D. Chaudhari, Mr. Dnyaneshwar Kharsade, Modern College of Pharmacy, Nigdi, Pune	14/12/2022	23/12/2022	20222107222 2 (Published)
33	Dr. Minal Harde	Facile Synthesis of Ordered Mesoporous γ -Alumina with Tunable Structural Properties.	Dr. Minal T Harde, Dr. P. D. Chaudhari, Mr. Dnyaneshwar L. Jadhav, Modern College of Pharmacy, Nigdi, Pune	16/12/2022	30/12/2022	20222107292 1 (Published)
34	Dr. Minal Harde	Sol-Gel Strategy for Synthesis of Mesoporous alumina and passive loading approach for direct delivery of 5-Fluorouracil.	Dr. Minal T Harde, Dr. P. D. Chaudhari, Mr. Laxman Jadhav, Modern College of Pharmacy, Nigdi, Pune	14/12/2022	27/01/2023	20222107222 1 (Published)
35	Dr. Vitthal V. Chopade	Thiophene derivatives having anticancer activity	Dr. Vitthal V. Chopade, Mr. Vaibhav Sarjerao Gawade, Dr. G. R. Ekbote, Dr. P. D. Chaudhari	10-03-2023	24/03/2023	20232101613 7 (Published)
36	Dr. Vitthal V. Chopade	Process for preparation of thiophene derivatives having anti-cancer Activity	Dr. Vitthal V. Chopade, Mr. Vaibhav Sarjerao Gawade, Dr. G. R. Ekbote, Dr. P. D. Chaudhari	10-03-2023	24/03/2023	20232101590 5 (Published)
37	Dr. Vitthal V. Chopade	Process for preparation of thiophene derivatives having anti-cancer Activity	Dr. Vitthal V. Chopade, Mr. Vaibhav Sarjerao Gawade, Dr. G. R. Ekbote, Dr. P. D. Chaudhari	10-03-2023	24/03/2023	20232101612 8 (Published)
38	Dr. Vitthal V. Chopade	Thiophene derivatives having anticancer activity	Dr. Vitthal V. Chopade, Mr. Vaibhav Sarjerao Gawade, Dr. G. R. Ekbote, Dr. P. D. Chaudhari	10-03-2023	24/03/2023	20232101614 1 (Published)



			D.Chadhari			
39	Dr. U. C Galgatte	Cubosome based nasal spray of Topiramate	Dr. Upendra Chandrakant Galgatte Ms. Shruti Ramesh Kolsure, Praveen Digambar Chaudhari	18-02-2023	17-03-2023	20232101117 1A (Published)
40	Dr. Vitthal V.Chopade	Phytoconstituent As a Novel Acetylcholinesterase Inhibitor	P.E.S.Modern College of Pharmacy,Nigdi,Pune, Dr.Vitthal V.Chopade,Mrs. Sonali Gajanan Banpure,Dr. Praveen D.Chaudhari	05-01-2023	27/01/2023	20232100102 6A (Published)
41	Baravkar Atul Arjun,Nalawade Nilesh Ashokrao,Chopade Vitthal Vishram.	6- Methyl-3,4-Dihydroimidazo[1,5-B][1,2,4]Triazine-2(3H)-one compounds and their preparation.	Baravkar Atul Arjun, Nalawade Nilesh Ashokrao,Chopade Vitthal Vishram.	17/09/2021	24/02/2023	20212104212 9A (Published)




Principal
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Pune - 411 044.



1. Representative Copy of Research Patent Filed:

Title:- Silver Nanoparticles, Its Preparation and Medicinal bandages Impregnated With The Silver Nanoparticle (Vitthal Chopade)

8/5/21, 10:48 AM Intellectual Property India

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

(<http://ipindia.nic.in/index.htm>)

INTELLECTUAL PROPERTY INDIA
INDIAN PATENT ACT, 1970
DESIGN ACT, 2001
TRADE MARKS ACT, 1999

(<http://ipindia.nic.in/index.htm>)

Application Details	
APPLICATION NUMBER	202121014743
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	31/03/2021

Application Status	
APPLICATION STATUS	

➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

➡ Disposed

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

<https://research.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus>

5/1



(Signature)
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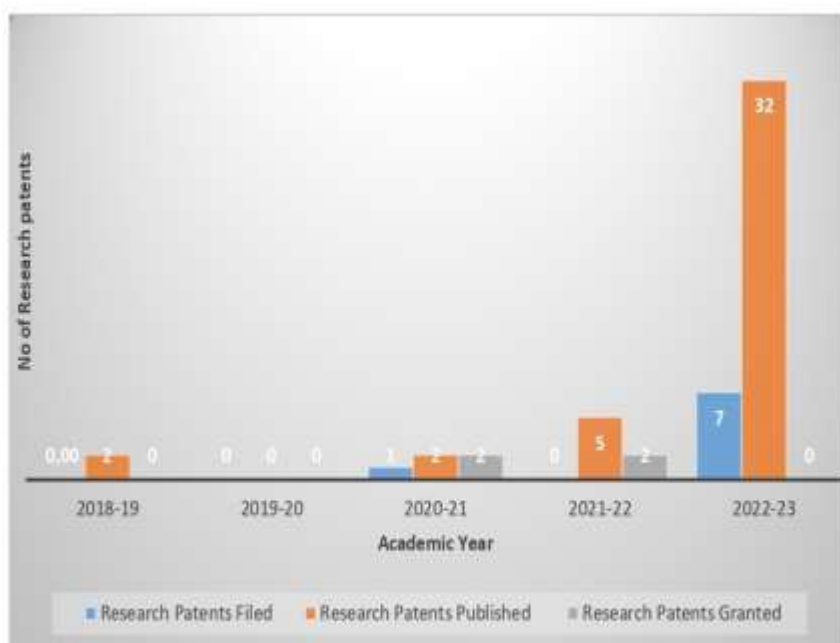
❖ **Summary of Research Patents Filed/ Published/ Granted(53):-**

Table 1:- Total No of Research Patents Filed/Published/Granted (53):

Sr No	Academic Year	Research patents Filed	Research patent Published	Research patent granted
1.	2018-19	-	2	-
2.	2019-20	-	-	-
3.	2020-21	1	2	2
4.	2021-22	-	5	2
5.	2022-23	7	32	-
6.	Total	08	41	4




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Graph of Research Patent Filed/Published/Granted





Principal
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Sector No.21, Yamunanagar, Nigdi,
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**Research Patent Granted= 04**

Sr. No.	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number
Research Patent Granted= 04						
1	Dr. Mrs. Karimunnisa S Shaikh, Dr. Praveen D Chaudhari, Dr. Gajanan R. Ekbote,	Humic acid based enteric formulations.	PES Modern College of Pharmacy Nigdi	09/01/2014	04/02/2021 (Granted)	357773 (Granted)
2	Dr. Mrs. Karimunnisa S Shaikh, Dr. Praveen D Chaudhari, Dr. Gajanan R. Ekbote,	A novel humic acid coated enteric formulation and a process for preparing the same	PES Modern College of Pharmacy Nigdi	09/01/2014	05/01/2021 (Granted)	355260 (Granted)
3	Vitthal Chopade Jayashri Chopade	Sensor operated stamping machine	Vitthal Chopade, Jayashri Chopade	08/08/2016	30/06/2021	370747 (Granted)
4	Usman M Rageeb, Khan Majid Shabbir, Pahl Sumila A, Chaudhari Sheetal D	A method of preparation of aqueous and methanolic extract of Tamarindus Indica for Antimalarial activity.	Usman Mohammed Rageeb Mohammed	23/08/2021	12/09/2021	2021106602 (Granted)




Principal
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Proofs of Research Patent Granted (04)

1. Humic acid based enteric formulations.


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**पेटेंट कार्यालय
THE PATENT OFFICE**
**पेटेंट प्रमाणपत्र
PATENT CERTIFICATE**
(Rule 74 of The Patents Rules)

पेटेंट नं. / Patent No. 357773
आवेदन नं. / Application No. 77/MUM/2014
पेटेंट करने की तारीख / Date of Filing 09/01/2014
पेटेंटर / Patentee P. E. SOCIETY'S MODERN COLLEGE OF PHARMACY

प्रमाणित किया जाता है कि पेटेंटर को पेटेंट आवेदन में वर्णित HUMIC ACID BASED ENTERIC FORMULATIONS नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबन्धों के अनुसार एक तारीख 9th day of January 2014 से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।
It is hereby certified that a patent has been granted to the patentee for an invention entitled HUMIC ACID BASED ENTERIC FORMULATIONS as disclosed in the above mentioned application for the term of 20 years from the 9th day of January 2014 in accordance with the provisions of the Patents Act, 1970.


पेटेंट कार्यालय
Date of Grant 04/02/2021


Controller of Patents

नोट - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे जारी एक वर्ष के 9th day of January 2016 की ओर जारी किया जाये तो न उसे फिर से जारी किया जाये।
Note - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 9th day of January 2016 and on the same day in every year thereafter.




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2. A novel humic acid coated enteric formulation and a process for preparing the same


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THE PATENT OFFICE
पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Under 24 Of The Patents Rules)

संख्या : 422131323
SL No :



पेटेंट नं. / Patent No. 355260
आवेदन नं. / Application No. 76/MUM/2014
कादल करने की तारीख / Date of Filing 09/01/2014
पेटेन्टी / Patentee P. E SOCIETY'S MODERN COLLEGE OF PHARMACY

प्रमाणित किया जाता है कि पेटेन्टी को उपरोक्त आवेदन में घोषित A NOVEL HUMIC ACID COATED ENTERIC FORMULATION AND A PROCESS FOR PREPARING THE SAME नामक आविष्कार के लिए पेटेंट आवेदन, १६७० के उपबंधों के अनुसार आज तारीख 9th day of January 2014 से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled A NOVEL HUMIC ACID COATED ENTERIC FORMULATION AND A PROCESS FOR PREPARING THE SAME as disclosed in the above mentioned application for the term of 20 years from the 9th day of January 2014 in accordance with the provisions of the Patents Act, 1970.


भारत सरकार
THE PATENT OFFICE
GOVT OF INDIA
Date of Grant 09/01/2014


Date of Patent
Controller of Patent

नोट : इस पेटेंट के अधिकार के लिए यह, कि इसे आज, ०९ जनवरी २०१४ से और उसके बाद की हर १० वर्ष के लिए होगा।
Note : The term for renewal of this patent, if it is to be maintained will fall / has fallen due on 09th day of January 2018 and on the same day in every year thereafter.




Principal
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3. Sensor operated stamping machine

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THE PATENT OFFICE
पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 of The Patents Rules)

संज्ञांक
SL No : 632113841



पेटेंट सं. / Patent No. : 370747
आवेदन सं. / Application No. : 201621026957
फाइल करने की तारीख / Date of Filing : 08/08/2016
पेटेंटी / Patentee : 1. JAYASHREE V. CHOPADE 2. VITHAL V. CHOPADE

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में वर्णित **SENSOR OPERATED AUTOMATIC INK STAMPING MACHINE** नामक आविष्कार को लिए, पेटेंट अधिनियम, 1970 के उपबन्धों के अनुसार आज तारीख 8th day of August 2016 से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled **SENSOR OPERATED AUTOMATIC INK STAMPING MACHINE** as disclosed in the above mentioned application for the term of 20 years from the 8th day of August 2016 in accordance with the provisions of the Patents Act, 1970.


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पेटेंट की तारीख : 2008/08/21
Date of Grant

पेटेंट के अधिकार
In the Presence
Continuation of Patent

ध्यान दें : इस पेटेंट के अधिकारों के लिए भुगतान, जो इसे बनाए रखने के लिए है, 8th day of August 2016 को और उसके तत्पश्चात हर साल 8th day of August 2017 से शुरू होगा।
Note : The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 8th day of August 2016 and on the same day in every year thereafter.




Principal
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4. A method of preparation of aqueous and methanolic extract of Tamarindus Indica for Antimalarial activity.



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

**Design Patent Granted=06**

Sr. No.	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number
Design Patent Granted=06						
1	Dr Manohar J. Patil, Dr. Ravindra V. Badhe, Dr. Sonali Badhe	Knee simulator for in vitro drug release study	Dr Manohar J. Patil, Dr. Ravindra V. Badhe, Dr. Sonali Badhe	24/01/2021	14/12/2022	375583-001 (Granted)
2	Dr Ujwala Desai, Dr Padmaja Kore, Dr Praveen Chaudhari	Disintegration test apparatus for chewable tablets	Dr Ujwala Desai, Dr Padmaja Kore, Dr Praveen Chaudhari	21/01/2023	09/03/2023	377777-001 (Granted)
3	Dr. Upendra C Galgatte	Dissolution apparatus for solid dosage form with realtime sensor technology	Dr. Vivek Subhash Tarate, Dr. Sachinkumar Dnyaneshwar Gunjal, Dr. Upendra Chandrakant Galgatte, Dr. Gauri Dhindibhau Ghangale, Ms. Poonam Dasharath Dighe, Mrs. Parvin Ahmed Shaikh, Dr. Nitin Gulab Sutar	19-04-2023	29/04/2023	6276155 (Granted)
4	Dr. Padmaja S. Kore, Dr. Ujwala S. Desai	Modified insulin pen for monotherapy and multiple dose	Dr. Padmaja S. Kore, Dr. Ujwala S. Desai, Dr. P. D. Chaudhari, Ms. Prajakta D. Tambe, P.E.S. Modern College of Pharmacy, Nigdi, PES Modern College of Pharmacy Nigdi Pune Pune-44.	21/01/2023	17/05/2023	377778-001 (Granted)
5	Ms. Jyoti Rathod, Dr. Nitin Aher, Dr. Sangita Kale, Dr. Kiran Mahajan, Dr. Vijaykumar akale, Mrs. Megha Hange, Mr. Rahul Lokhande, Dr. Amitw	Nano HPLC	Ms. Jyoti Rathod, Dr. Nitin Aher, Dr. Sangita Kale, Dr. Kiran Mahajan, Dr. Vijaykumar akale, Mrs. Megha Hange, Mr. Rahul Lokhande, Dr. Amitw Roy	25/3/2023	24-05-2023	382267001 (Granted)





6	Dr.Vivek Tarate, Dr.Kishor Otari,Mr. Sujit Karpe, Ms. Parvin Shaikh,Mr.Sagar Jadkar, Dr.AnuradhaMore, Dr. Padmaja Kore	Device for Protein Separation Based on Molecular Size	Dr. Vivek Subhash Tarate, Dr. Kishor VasantOtari, Mr.Sujit TrimbakKarpe, Ms. Parvin Ahamad Shaikh, Mr. Sagar Suresh Jadkar, Dr.Anuradha GhanshyamMore, Dr. Padmaja Santosh Kore	17-05-2023	26-05-2023	6283109 (Granted)
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Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.



Proofs of Design Patent Granted (06):-

1. Knee simulator for in vitro drug release study



[Signature]
Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yashwantrao Chavan Nagar, Nigdi,
Pune - 411 044.





3. Dissolution apparatus for solid dosage form with realtime sensor technology




Principal
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Sector No.21, Yashwananagar, Nigdi,
Pune - 411 044.



4. Modified insulin pen for monotherapy and multiple dose

  ORIGINAL
सूत्र/No : 136238

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GOVERNMENT OF INDIA
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THE PATENT OFFICE
डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No. : 377778-001
तारीख / Date : 21/01/2023
परस्परिका तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **"MODIFIED INSULIN PEN FOR MONOTHERAPY AND MULTIPLE DOSE"** से संबंधित है, का पंजीकरण, श्रेणी 24-01 में 1.Dr. Padmaja Santosh Kore 2, Dr. Ujwala Shivaji Desai 3.Dr. Praveen Digambar Chaudhari 4.Ms. Prajakta Dilip Tambe S.P. E. Society'S Modern College Of Pharmacy, Nigdi, Pune के नाम में उपर्युक्त संछेद और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 24-01 in respect of the application of such design to **"MODIFIED INSULIN PEN FOR MONOTHERAPY AND MULTIPLE DOSE"** in the name of 1.Dr. Padmaja Santosh Kore 2, Dr. Ujwala Shivaji Desai 3.Dr. Praveen Digambar Chaudhari 4.Ms. Prajakta Dilip Tambe S.P. E. Society'S Modern College Of Pharmacy, Nigdi, Pune.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अन्वयेन प्रवधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

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जिसमें की तिथि/Date of issue : 17/05/2023

नियंत्रक जनरल ऑफ पेटेंट्स, डिजाइन्स और ट्रेड मार्क्स
Controller General of Patents, Designs and Trade Marks



परस्परिका तारीख (यदि कोई हो) जिसमें अनुमति देना के साथ या जो नहीं है। डिजाइन का पंजीकरण पंजीकरण की तारीख से 10 साल के लिए और डिजाइन विचार, आविष्कार एवं विचार के विकास के अन्तर्गत, यदि नहीं तो आविष्कार तारीख से डिजाइन का पंजीकरण। इस प्रमाण पत्र का उपयोग डिजाइन संरक्षण के अन्तर्गत डिजाइन के पंजीकरण के लिए नहीं हो सकता है।
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5. Nano HPLC

  ORIGINAL
मुद्रा/No : 137889

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE
डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No. : 382267-001
तारीख / Date : 25/03/2023
परस्परिकाता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **NANO HIGH PERFORMANCE LIQUID CHROMATOGRAPHY APPARATUS** से संबंधित है, का पंजीकरण, क्लास 24-01 में 1.Ms. Jyoti Gopichand Rathod 2. Dr. Nitin Balkrishna Aher 3.Dr. Sangita Abasaheb Kale 4.Dr.Kiran Chandrakant Mahajan 5.Dr. Vijaykumar Sidramappa Wakale 6.Mrs. Megha Vishal Hange 7.Mr. Rahul Prakash Lokhande 8.Dr. Amitava Roy के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 24-01 in respect of the application of such design to **NANO HIGH PERFORMANCE LIQUID CHROMATOGRAPHY APPARATUS** in the name of 1.Ms. Jyoti Gopichand Rathod 2. Dr. Nitin Balkrishna Aher 3.Dr. Sangita Abasaheb Kale 4.Dr.Kiran Chandrakant Mahajan 5.Dr. Vijaykumar Sidramappa Wakale 6.Mrs. Megha Vishal Hange 7.Mr. Rahul Prakash Lokhande 8.Dr. Amitava Roy.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के प्रावधानों के अनुसार मे।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

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PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

निर्माण की तिथि/Date of Issue : 24/05/2023
सहायक पेटेंट, डिजाइन और वाणिज्यिक निशानों के नियंत्रक
Controller General of Patents, Designs and Trade Marks

सामंजसता अधिनियम (सी.आई.टी.) विभाग अधिनियम के तहत यह प्रमाणित किया जाता है कि डिजाइन का पंजीकरण पंजीकरण की तिथि से इस वर्ष के लिए और डिजाइन विभाग, अधिनियम एवं नियम के प्रावधानों के अनुसार, और यदि कोई अधिकार अधिक से अधिक एक बार का उपयोग किया जा सकता है।
*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may, under the terms of the Act and Rules, be extended for a further period of five years. This certificate is not for use in legal proceedings or for obtaining registration abroad.




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6. Device for Protein Separation Based on Molecular Size




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Research Publications



7.2.5 Research Publications and Books

Research Publications

Index

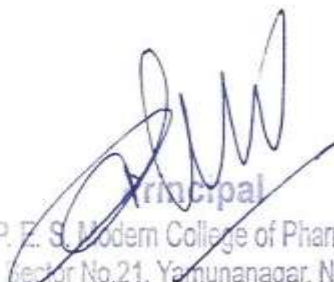
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1.	<u>List of Research Publications by Faculty in the Year 2018-19</u>
2.	<u>List of Research Publications by Faculty in the Year 2019-20</u>
3.	<u>List of Research Publications by Faculty in the Year 2020-21</u>
4.	<u>List of Research Publications by Faculty in the Year 2021-22</u>
5.	<u>List of Research Publications by Faculty in the Year 2022-23</u>



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Sr. No.	
1.	<u>List of Research Publications by Faculty in the Year 2018-19</u>
2.	<u>List of Research Publications by Faculty in the Year 2019-20</u>
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**List of Research Publications by Faculty in the Year 2018-19 (18):-****List of Research Publications by Faculty in the Year 2018-19 (18):-**

Sr. No.	Title of Paper	Name of the author/s	Name of Journal	Year of Publication	Is it listed in UGC Care list
1	Development and Evaluation of a Novel Drug Delivery System for Albendazole	Shaikh Karimunnisa, Pandhe puja, Kale Sangita, Bothiraja Chellampillai	Indian Journal of Pharmaceutical Education and Research	2018	Scopus, Web of Science
2	Two New Degradation Product of Terizidone : an Application of Forced Degradation Study and Hyphenated Chromatographic Techniques	Pallavi M Patil and Ahmed Alalaiwe	Int J Pharma Bio Science	2018	Scopus (2016), Embase
3	Dataset on analysis of dyeing property of natural dye from Thespesiapopulnea bark on different fabrics	Kuchekar Mohini, Landge Tejashree, Navghare Vijay	Data in Brief	2018	Scopus, Web of Science, PMC, DOAJ
4	Overcoming poor solubility of dimenhydrinate :Development , optimization and evaluation of fast dissolving oral film	Yuvraj Govindrao Jadhav , Upendra Chandrakant Galgatte* , Pravin Digamber Chaudhari	Advanced Pharmaceutical Bulletin	2018	Web of science, Scopus, PMC, DOAJ, Embase
5	Development of metoclopramide hydrochloride in situ gel: Nasal delivery and pharmacokinetics in New Zealand rabbits.	Upendra C Galgatte*, Pravin D Chaudhari	Asia journal of Pharmaceutical and Clinical Research	2019	Google Scholar
6	Development of frovatriptan succinate microemulsion for nasal delivery: optimization, in-vitro and in-vivo evaluation	Upendra C Galgatte *, Pravin D Chaudhari	Asia journal of Pharmaceutical and Clinical Research	2019	Google Scholar





7	Design , Development and characterization of self Micro Emulsifying Drug delivery system for Aceclofenac	Mukesh P. Ratnaparkhi*, Pravin D Chaudhari	International Journal of Pharmaceutical Science And Research	2019	Google Scholar, EMBASE
8	RP-HPLC Forced Degradation study of Alfuzosin and Dutasteride	P. D. Satpute , S. B. Jadhav* , M. P. Rathod , P. S. Naykodi	Pharmaceutical Resonance	2018	Google Scholar
9	Biomarker Quantification: Development of fit for Purpose LC-MS/MS Method for Determination of Methyl Guanidine in Mice Urine	Tapkir Amit Suryakant, Mithbavkar Jay Rajaram , Gaur Ashwani, Chaudhari Pravin	International Journal of Pharmaceutical Education and Research	2018	Web of Science, Scopus Embase, SCIE
10	Formulation and Evaluation of Nitrofurantoin Bilayer Tablet	Kirti D. Tirkhunde* and Atul A. Phatak	World Journal of Pharmaceutical Research	2018	Google Scholar
11	Evaluation Of Effect Of Nanoparticulate Clay On Cholesterol Binding Capacity Of ColesevelamHcl.	Atul A Phatak*, Apurva R Bodakhe, And Pravin D Chaudhari.	Research Journal Of Pharmaceutical, Biological And Chemical Sciences	2018	Embase
12	Intercalation of Itraconazole into Montmorillonite: Effect on Release of Drug	Atul A. Phatak*, Pratik Rahane	World Journal Of Pharmaceutical And Medical Research	2018	Google Scholar
13	Evaluation of invitro anthelmintic potential of quercetin against pheretimaposthuma	Padmaja S. Kore, Amarjeet Virk, Arti Peste	International Journal of Pharmaceutical Science And Research	2018	Google Scholar






14	Data on Investigation of hypoglycemic , anti-cholesteremic , in vivo antioxidant and pancreatic beta cell protective effect of putranjivaroxburghii Wall Bark in streptozotocin-induced diabetic rats	Kedar Kalyani, Chaudhari sanjay R. , Rao Srinivasa Avanapu	Data in Brief	2018	Scopus, Web of Science, PMC, DOAJ
15	Assessment of Cancer Targeting Potential of Doxorubicin conjugated with surface functionalized multi-walled Carbon Nanotubes	Beldar V. K., Uttakar P.S., Patil A.R. and Sable P.N.	Indian Drugs	2018	Scopus, Embase
16	Formulation and Evaluation of Niosomal in situ Gel of Prednisolone sodium phosphate for Ocular Drug Delivery	Pravin D Chaudhari, Ujwala S. Desai	International Journal of applied Pharmaceutics	2019	Scopus, Embase
17	Synthesis and Evaluation of Water insoluble but Swellable Bioadhesive Polymer for Ocular Drug Delivery	Pravin D Chaudhari, Ujwala S. Desai	Indian Journal of Pharmaceutical Education and Research	2019	Web of Science, Scopus, Embase, SCIE
18	Designing a platform Technology for age Appropriate Pediatric Dosage Form	More D.M. , Chaudhari P.D. and More S.D	Indian Drugs	2019	Scopus, Embase





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**List of Research Publications by Faculty in the Year 2019-20 (24):-****List of Research Publications by Faculty in the Year 2019-20 (24):-**

Sr. No.	Name of authors	Title of the research paper	Name of the Journal	Year, Volume and issue Publisher	Peer reviewed / I.F / SJR / H index of Journal
1	Ultraviolet-Spectrophotometric Method for Simultaneous Estimation Of Dapagliflozin Propanediol And Metformin Hydrochloride	MinalHarde*, Sameer Lakade Valmik Gite, Vitthal Chopade, Anuja Khomne	International Research Journal of Pharmacy	2019	Embase
2	Synthesis and antidiabetic evaluation of some novel compounds	Anagha S Avalakki, Shailaja B Jadhav*, Deepti D Bandawane, Pournima A Bhalekar	Indian Journal of Chemistry (B)	2019	Scopus
3	Effect of Surfactants and Co-surfactants on Phase Behaviour and Physicochemical Properties of Self-nano emulsifying Drug Delivery System Loaded with Plumbagin	Kamble Pavan Ram, Shaikh Karimunnisa Sameer	Indo Global Journal of Pharmaceutical Sciences	2019	UGC-CARE, Embase
4	Preliminary evaluation of ayurvedic preparations of taila 's and churna' s.	Kuchekar Mohini, Upadhye Mohini, Dherenge Kanchan.	Journal of Pharmaceutical and Biological Sciences	2019	DIRECTORY OF RESEARCH JOURNALS INDEXING
5	Exploration of protective effect of hydroalcoholic extract of Alstonia scholaris bark in STZ-induced early diabetic nephropathy model in rats	Bandawane D.D., Jadhav S.B., Juvekar A.R.	Indian Drugs	2019	Scopus, Embase 
6	Protective effect of 2-Pyrocatechuic acid on 5-Fluorouracil induced cardiotoxicity in wistar rats	Rohini R. Pujari, Deepti D Bandawane	Latin American Journal of Pharmacy	2019	Web of Science, Scopus, SCIE, Embase
7	Therapeutic potential of ethyl acetate fraction of Tephrosia purpurea	Sonali S. Nipate, Pramila S. Yelmar	Journal of Integrative	2019	Scopus, Embase, Medline, SCIE



	Linn. leaves in a rat model of gout		Medicine		
8	Assessment of antidiabetic potential of Musa acuminata peel extract and its fractions in experimental animals and characterisation of its bioactive compounds by HPTLC.	Navghare Vijay, Dhawale Shashikant and Phanse Mohini..	Archives of Physiology And Biochemistry	2020	Web of Science, Scopus, Medline, SCIE
9	Development and Optimization of Naproxen Sodium Controlled Release Tablets: QbD Approach	Atul Phatak, * Dhanashri Joshi, Mahesh Bhadgale, Pravin Chaudhari	IJPER Indian Journal of Pharmaceutical Education and Research	2020	Web of Science, Scopus, Embase, SCIE
10	Synthesis, evaluation and molecular docking of sulphonamide/isothiocyanate linked quinazolinone derivatives as antidiabetic activity.	Pournima A Bhalekar, Shailaja B Jadhav	European Journal of Pharmaceutical and Medical Research	2020	Google Scholar
11	Pharmacognostic Investigations of Colocasia Esculenta Leaves.	Bhushan Pimple, Amrita Kulkarni, Ruchita Bhor, Shankarrao Atkalikar	Current Trends in Pharmacy and Pharmaceutical Chemistry	2019	Google Scholar
12	Synthesis, molecular docking and antidiabetic activity of some sulphonamide bearing quinazolinone moieties.	Shweta S gaikwad, Shailaja B Jadhav, Deepti D Bandawane	European Journal of Pharmaceutical and Medical Research	2020	Google Scholar
13	Anti-inflammatory, antinociceptive and antiarthritic potential of apis cerana indica bee venom by reducing pain and degeneration of articular cartilage in adjuvant and collagen induced rat models of arthritis	Sonali S Nipate, AA Bhandarkar	Journal of Orthopedics and Muscular System	2020	Google Scholar 
14	A review on recent advancement in hyphenated techniques for the analysis of secondary metabolites	Nikhil K. Gabhale, Amit S. Tapkir	Indian Research Journal of Pharmacy and Science	2020	
15	Ultraviolet-Spectrophotometric Method for Simultaneous Estimation Of Dapagliflozin Propanediol And	MinalHarde*, Sameer Lakade Valmik Gite , Vitthal Chopade , Anuja Khomne	International Research Journal of Pharmacy	2019	Embase



	Metformin Hydrochloride				
16	Facile synthesis of mesoporous alumina using hexadecyltrimethylammonium bromide (HTAB) as template: simplified sol-gel approach	Minal Harde, Sameer Lakade, Varsha Chattichalwadi, Pravin S. Uttekar	IET Journals, The Institution of Engineering & Technology	2019	Google Scholar
17	Facile synthesis of Multi-walled carbon nanotube via folic acid grafted nanoparticle for precise delivery of doxorubicin	Pravin S. Uttekar, Minal T. Harde, Sameer H. Lakade, Vijay K. Beldar	IET Journals, The Institution of Engineering & Technology	2019	Google Scholar
18	Synthesis of mesoporous alumina: an impact of surface chemistry on release behavior	Sameer H. Lakade, Minal T. Harde, Prashant K. Deshmukh	Taylor & Francis group. Particulate science & Technology.	2019	Compendex
19	Surface Engineered New Approach for Mesoporous Alumina and Nanoparticles- A Review.	Sameer H. Lakade, Minal T. Harde, Aniket R. Mehke, Ajay A. Joshi, Snehal R. Shinde	Bulletin of Environment, Pharmacology and Life Sciences	2020	Web of Science
20	A systematic review of analytical profiles of SGLT-2 inhibitors and their combination for the treatment of type 2 DM	Thakor N. Amrutkar S	Current Pharmaceutical Analysis	2019	Scopus, Web of Science, Embase, SCIE
21	Simultaneous estimation of Empagliflozin and Metformin by HPTLC using quality by design approach	Thakor N. Amrutkar S, P. D. Chaudhari	Journal of planar chromatography	2019	Web of Science, Scopus, Embase, SCIE
22	Taste masking by hot melt extrusion without loss of bioavailability for pediatrics	Dhananjay M. Praveen C, Smita More	International Journal of Pharmacy And Pharmaceutical Sciences	2019	Embase 
23	Naphthyridine derivative and their anti-mycobacterium activity	Amol Kulkarni, Bhushan Varpe, Maruti Pise, Shailaja Jadhav	Current trends in pharmacy and pharmaceutical chemistry	2019	Google Scholar




24	Ameliorative effects of Gentisic acid on carboplatin induced hematological toxicities in Wistar Rats	Rohini R. Pujari, Deepti D Bandawane	international journal of Pharm Tecch Research	2019	
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**List of Research Publications by Faculty in the Year 2020-21 (29):-**


Sr. No.	Name of authors	Title of the research paper	Name of the Journal	Year, Volume and issue Publisher	Peer reviewed / LF / SJR / H index of Journal
1	Deepti Dinesh Bandawane*, Shruti Mooliya, ShailajaJadhav	Protective effect of Berberine in ameliorating diabetic complications in streptozotocin high fat diet model in experimental animals	International Journal of Pharmacy & Pharmaceutical Sciences	Innovare Aug 2020 12(8) 41-48	International SJIR-0.23 Google scholar
2	Kamble, P.R.; Shaikh, K. S	Optimization and evaluation of self-nanoemulsifying drug delivery system for enhanced bioavailability of plumbagin	Planta Medica	Georg Thieme Verlag KG Germany 15th January 2021 published online ahead of print	International Scopus, Current Contents/Life Sciences, Science Citation Index (SCI) Medline, Embase, Scopus, Ebsco, ProQuest
3	Dr. Pallavi M. Patil	Development and Validation of a Stability-Indicating High- Performance Liquid Chromatographic Method for the Quantification of Methocarbamol and Its Impurities in Pharmaceutical Dosage Forms	Journal of Chromatographic Science	Oxford University Press (United Kingdom) January 2021 1-11	International SCI, IF 1.280 Cite Score 2019 2.6, SJR 2019 0.398 SNIP 2019 0.835
4	Punam kela, Ujwala Desai, Atharva Nandey	Case report on Bullous Pemphigoid: A fatal skin condition	Innovative journal of Medical and Health science	Innovative journal September 2020 Volume 10, issue 9 1253-1255	Index Copernicus value: 90 National Publons  (web of science) Reviewer connect publons, google scholar, ICMJE, Index Copernicus, Crossref
5	Divya Hagawane, Atharva Nandey, Punam Kela	Case Of Hiatus Hernia: An Aggravating Factor For Iron Deficiency	Innovative Journal of Medical and	Innovative Journal 12 Sep 2020 10 (09)	1.6, International Web of science Google scholar



		Anemia	Health Science	1222-1224	
6	Neelam Dashputre*, Deepti D Bandawane	Evaluation of the Immunomodulatory activity of Abelmoschus Manihot Linn in various experimental animal models	International Journal of Research & Analytical Reviews	Feb 2020 7(2) 820-827	National Peer UGC care Reviewed
7	Divya Hagawane, Atharva Nandey, Punam Kela	Case of uncontrolled seizures due to poor medication adherence	Paripex Indian journal of research	June 2020 9(6) 1-2	National research gate, 1.5
8	Amit Suryakant Tapkir	Analytical Method Development And Validation For Stability Indicating Hptlc Method For Assay Of Luliconazole In Bulk And Dosage Form	Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry	8(4) 2020 October 210-225	International Peer reviewed Google Scholar, Pubmed and CAS
9	Esha Patel, Gaurav Memane, Punam Kela	Fetal termination in prenatally diagnosed ventricular septum defect, and hypoplastic left heart syndrome case	world journal of pharmacy and pharmaceutical sciences	1057-1060 2021 10(1)	7.6 International Scientific journal
10	Amit Suryakant Tapkir	Analytical Method Development and Validation for Stability Indicating HPTLC Method for Assay of Stiripentol In Bulk and Dosage Form	Journal of Applied Pharmaceutical Sciences and Research	MRI Publication Pvt. Ltd 3(4) 2020 October 26-30	Peer reviewed International Index Copernicus, Google Scholar and CAS
11	A. A. Phatak, S.M. Ghurghure, R.Y. Patil, S. Yanjane	Formulation and invitro characterization of oseltamivir fast dissolving tablets using superdisintegrants	Inventi Impact Pharmtech	Inventi, July to sep. 2020 2020, issue 3 137 to 146	National Peer reviewed, IBIFactor 4.0 Google scholar, CAS database
12	Amit Suryakant Tapkir	A Review On Recent Advancement In Hyphenated Techniques For The Analysis Of Secondary Metabolites	Indian Research Journal of Pharmacy and Science	Indian Research Journal of Pharmacy And Science by Phytotherapy Research Group 2020 June* 25(2020) 2164-2176	International Peer reviewed Index Copernicus
13	Kiran C. Mahajan, Dr. Smita S. Pimple, Hemant S. Deokule	Formulation and Optimization of Self-Emulsifying Drug Delivery System for	Research Journal of Pharmacy and	A & V Publications 2021	Scopus / SCI International Peer reviewed / 0.41 / 0.19 / 14






		Effective Anthelmintic Therapy	Technology	14 (11) 577	Google Scholar
14	Kiran C. Mahajan, Dr. Smita S. Pimple, Hemant A. Deokule	Formulation, Development and Evaluation of Solid Self-Emulsifying Drug Delivery System (S-SEDDS) For Pediatric Patients	International Journal of Pharmaceutical Research	Advanced Scientific Research 2021 and April 13 and 2 2458-2466	International Peer reviewed /0.28 / 0.28 / 13 Scopus / SCI
15	Vitthal Chopade*, Diksha Kamble	Application of Green Silver Nanoparticles Synthesized using Leaf Extract of Tridax procumbens for Preparation of Clinical Antimicrobial Bandages	Int. J. Pharm. Investigation	31 Mar 2021 11 (1) 10-13	International IF 1.5 Web of Science UGC care listed & Emerging Sources Citation Index (ESCI)
16	Hemant A. Deokule, Smita S. Pimple, Kiran C. Mahajan	Fabrication And Evaluation of Self-Emulsifying Drug Delivery System (SEDDS) of Antiretroviral Drug For Treatment of HIV.	International Journal of Pharmaceutical Research	Advanced Scientific Research Jul-Dec 2020 Vol.12, Issue 2 1114-1123	International Peer reviewed / 0.28 / 0.28 / 13 Scopus SCI
17	Bhavesh Choudhary* Akshay Gaikwad and Vitthal Chopade	Systematic Development of Design of Expert Optimized Self-Micro Emulsifying Drug Delivery System of Silymarin	Journal of the Maharaja Sayajirao University of Baroda	Maharaja Sayajirao university of Baroda 2021 and April 55 and 1 22 to 34	National SCI UGC Listed
18	S. B. Jadhav, B. Varpe, A. Kulkarni, A. Mali, S. Y. Jadhav	I satin hybrids and their pharmacological investigations	Mini Reviews in Medicinal Chemistry	Bentham Science January 2021 20(20) 23-30	International Peer reviewed, IF 2.73, SCI, Scopus Google scholar, Embase, Jgate,  Chemweb etc
19	Dr. Padmajaj S. Kore, Ms. Roshani	Evaluation of In-Vitro Anthelmintic Potential	International Journal of	An Official Publication of	International Peer reviewed EMBASE



	Bhole, Mr. Vaibhav Gaikwad	of Umbelliferone Against Pheretima Posthuma	Pharmaceutical Sciences and Research	Society of Pharmaceutical Sciences and Research January 2021 Volume-12, Issue-1414-417	- Elsevier, PubMed (Selected citations), Thomson Reuters, Web of Science - Emerging Sources Citation Index (Jan 2021)
20	Madhuri Dinde, Upendra Galgatte, Firdous Shaikh	Development and evaluation of Cinnarizine loaded nanosponges: pharmacodynamic and pharmacokinetic study on wistar rats	International Journal of Pharmaceutical Sciences Review and Research	Global ResearchOnline 2021, December 65 (2) 96-105	National Peer reviewed/SJR (2019): 0.13/ H index: 27 (2020-21) EMBASE, Index Copernicus, DOAJ, CAS, Open J Gate, Science Central
21	Prakash N.Kendre, Pravin D.Chaudhari, Shirish P.Jain, Sonnath K.Vibhute	An effort to augment solubility and efficiency of the oral bosentan- buccoadhesive drug delivery system using graft co-polymer as the carrier	Polymer Bulletin	6 October 2020	Intern ationa l Sprin ger, SCI IF: 2.4
22	Minal T.Harde, Sameer H.Lakade, Aniket R. Mekhe, Sneha R. Shinde, Pragati D. More, Snehal S. Shirude	Validated inherent stability- indicating HPLC-DAD method for simultaneous determination of Pamabrom and Paracetamol in marketed formulation	Advances in Bioresearch	Society of Education 04 Aug 2020 72-78	International Peer Reviewy IF- NIL/GIF-0.56/ICV-7.2 WOS
23	Pande v. Vishal, Sameer H.Lakade, Ghule D. Niteen, Pote K. Ajinkya, Minal T.Harde, Jalinder R. Bhutekar	Design and Development of Novel Controlled-Release Azilsartan Medoxomil Loaded Provesicular Powder	Bulletin of Environment, Pharmacology and life Science	Acadamy of Environment Life & Science 08 Octmber 2020 111-120	Internat ional; Peer Review ed GIF- 0.876 WOS IC





24	Rohini Pujari, Mohini Upadhyay, Mohini Kuchekar, Neha Nemlekar	Preparation and Evaluation of Sustained Release Herbal Matrix Tablet	Current Trends in Pharmacy and Pharmaceutical chemistry	Ateos Foundation of Science education & Research Jan-Mar 2021 1-8	National Peer Reviewed Google Scholar Indian Science Abstract National Science Library
25	Om Bagade, Shashikant N, P.D. Chaudhary	An influence of lyophilization on Praziquantel loaded nanosponge by using food protein as a stabilizer with effect of statistical optimization.	Research Journal of Pharmacy and Technology	A & V Publications 2020, 13(9), 4491-4498	International peer reviewed SJR (2019):02 Scopus, CAS, Google Scholar, Indianscience abstract
26	Om Bagade, Shashikant N, P.D. Chaudhary	A corollary of Nanoporous carrier drug delivery system an updated perspective	International Journal of Pharmaceutical Sciences and Nanotechnology	Sept-oct 2020 13(5), 5047-5061	National peer reviewed, Indian citation index, crossref
27	Chanshetty Rahul, Bandawane Deepthi	Anti-inflammatory potential effect of flavonoid rich ethyl acetate fraction of methanolic extract of Stereospermum dasuaveolens DC (Bignoniaceae) leaves in experimental animals	Pharmacology e Journal	2020, March 17, 26.	International peer reviewed, index copernicus, google scholar
28	M.L. Dashputre, D.D. Bandawane	Evaluation of Immunomodulatory activity of Abelmoschus Manihot Linn in various experimental animal model	International Journal of research and analytical reviews	April 2020, 7(2), 820-827	 UGC
		Evaluation of prescription errors and polypharmacy practices	International Journal of Basic & Clinical	10(1), 60-63, Jan	International peer reviewed, Index copernicus, google



29	Narendra B. Parihar	in rural area at community pharmacy.	Pharmacology	2021, pISSN 2319-2003	scholar, Pub Med
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**List of Research Publications by Faculty in the Year 2021-22 (82):-**

Sr. No.	Title of Paper	Name of the author/s	Name of Journal	Year of Publication	ISSN Number	Is it listed in UGC Care list
1	Inhibitory Effect of Piperine on Nucleation and Aggregation of Calcium Oxalate Crystals	B. P. Pimple, A.L.Thorat and P.D.Chaudhari	Advances in Bioresearch	2021	2277-1573 0976-4585	Web of Science
2	Protocatechuic acid attenuates chronic unpredictable mild stress-induced-behavioral and biochemical alterations in mice	Vishnu N. Thakare , Sameer H. Lakade , Moreswar P. Mahajan , Yogesh P. Kulkarni , Valmik D. Dhakane , Minal T. Harde , Bhoomika M. Patel	European Journal of Pharmacology	2021	0014-2999	Scopus, Web of Science, Medline, Embase, SCIE
3	Design and Development of lornoxicam impregnated dry powder-based liquid crystals	Vishal Pande, Shubham Gore, Ajinkya Pote, Minal Harde, Sameer Lakade, Vaibhav Raut	Bulletin of environment, pharmacology, and life science	2021	2277-1808	Web Of Science
4	Validated inherent stability indicating reversed phase HPLC- DAD method for simultaneous determination of tolperisone hydrochloride and diclofenac sodium in marketed formulation	Minal T Harde, Sameer H Lakade, Sapana K Rokade, Shital G Rathod, Pooja A Dale, Komal A Kendre, Indra H Sirvi	Bulletin of environment, pharmacology, and life science	2021	2277-1808	Web of Science
5	Study and optimization of the effect of critical formulation components in the manufacturing of multiparticulate oral controlled release drug delivery system	Sameer H Lakade, Minal T Harde, Monika Patil, Sneha Gupta	Bulletin of environment, pharmacology, and life science	2021	2277-1808	Web of Science
6	ICH Guideline in practice: Validated inherent stability-indicating HPLC- DAD method for simultaneous determination of Eperisone hydrochloride and	Minal T Harde, Sameer H Lakade, Neha K Kakade, Laxmi R Chaudhary, Snehal V Gosavi, Rohan R Patekar, Heena B Choudhary	Bulletin of environment, pharmacology, and life science	2021	2277-1808	Web of Science



	diclofenac sodium in marketed formulation					
7	Formulation And Evaluation of Lipsticks from The Dyes Of Root Barks of Alkana Tinctoria	Pimple B. P., Mekhe A.R., Joshi A.A., Malwadkar S.S. and Pimple K. B.	Bulletin of Environment, Pharmacology and Life Sciences	2021	N 2277-1808	Web of Science
8	Formulation, Development and Evaluation of Solid Self Emulsifying Drug Delivery System (S-SEDDS) For Pediatric Patients	Smita S. Pimple, Kiran Mahajan, Hemant Deokule	International Journal of Pharmaceutical Research	2021	0975-2366	Scopus (2021),Embase
9	Schiff Base Conjugate of 5-Fluorouracil with Thiophene-2-Ethylamine and its Mannich Bases: Synthesis, Molecular Docking, and Evaluation of in vitro Anti-inflammatory and Anti-tubercular Activity	Bhushan D. Varpe, Shailaja Jadhav	International Journal of Pharmaceutical Investigation	2021	Print -2230-973X, Online - 2230-9713	Web of Science, UGC-CARE, PMC
10	3D drug printing methods and their application in the Pharmaceutical and biomedical area	Dr. Anuradha G. More , Akshay V. Giri	Journal of Hospital Pharmacy	2021	2348-7704	NCBI indexed
11	Method development and validation of rilpivirine in bulk and solid dosage form by using UV visible spectrophotometric method	Shrishail M ghurghure, Anup dhange, Rupali mhetre, Atul Phatak	International journal of research and analytical reviews	2021	E-ISSN 2348-1269, P- ISSN 2349-5138	
12	A review on stability improvement of sugarcane juice by using natural preservatives	Vitthal Chopade, Kamlesh Mankuskar	International Journal of pharmaceutical chemistry and analysis	2021	Print ISSN:-2394-2789 Online ISSN:-2394-2797	



13	To Study the Pharmacokinetic Herb-Drug Interaction of Momordica Charantia Fruit Extract and Pure Charantin with Nateglinide in Rats	Aishwarya R. Balap	International Journal of Pharmacy and Pharmaceutical Sciences	2021	online 0975-1491 print 2656-0097	Scopus (2020), Embase
14	The use of negative oxygen ion clusters [O ₂ -(H ₂ O) _n] and bicarbonate ions [HCO ₃ ⁻] as the supportive treatment of COVID- 19 infections: A Possibility	Ravindra V Badhe, Sonali S Nipate	Medical hypotheses	2021	0306-9877	Scopus, Web of Science, Embase, SCIE
15	Bee pollen and its therapeutic Uses	Chopade V.V, Gawade V S ² .	International Journal of Botany Studies	2021	2455-541X	Google scholar, research gate
16	Design and evaluation of artemether self-micro emulsifying drug delivery system for enhancing solubility and dissolution rate	Anuradha G. More, Milind P. Wagh	Journal of Hospital Pharmacy	2021	2348-7704	NCBI indexed
17	One-step synthesis approach of mesoporous silica packed with graphene oxide nanosheet: Characterization and drug release aspects	Prashant K. Deshmukh, Sameer H. Lakade , Umesh R. Jaiswal & Minal T. Harde, Mahesh P. More	Materials Technology	2021	1753-5557	Scopus, Web of Science, SCIE
18	Blowfly maggots and their application in human	Chopade V.V, Gawade V S, Kokare N V.	International Journal of Entomology Research	2021	2455-4758	Web of Science





19	Nano Emulgel: A Smarter Topical Lipidic Emulsion Based Nanocarrier	Dr. Anuradha G. More, Shraddha S. Satkar	Journal of Hospital Pharmacy	2021	: 2348-7704	NCBI indexed
20	Isolation, Purification, Characterization and Immunomodulatory activity of isolated flavonoid fractions derived from Abelmoschus	Neelam Dashputre, Deepti D Bandawane	Advances in Bioresearch	2021	E-ISSN : 2277-1573 P-ISSN : 0976-4585	Web of Science
21	Exploration of antidiabetic potential of aerial parts of Abutilon indicum Linn in streptozotocin-nicotinamide induced diabetes in rats	Kakade Pallavi, Bandawane Deepti	International Journal of Analytical and experimental model analysis	2021	0886-9367	
22	Challenges, Advances, and Opportunities of Herbal Medicines in Wound Healing: A Review	Balap A.R, Gaikwad A.A.	International Journal of Pharmaceutical Sciences Review and Research	2021	0976-044X	Scopus (2016), Embase
23	Synthesis, Characterization, and Biological Evaluation of some Novel Substituted Indole-Coumarin Derivatives as Potential Antibacterial and Antifungal Agents	P. K. Vawhal, S. B. Jadhav	Journal of Pharmaceutical Research International	2021	2231-2919	Google scholar, PubMed
24	Group-based quantitative structure and activity relationship on benzothiazole derivatives for the development of potent anti-cancer compounds	Amit S. Tapkir, Sohan S. Chitlange, Ritesh P. Bhole	Thai Journal of Pharmaceutical Sciences	2021	2231-2919,	Scopus, Embase



25	Muntingia calabura: A comprehensive review	Mohini Upadhye, Mohini Kuchekar, Rohini Pujari, Shailja Kadam, Priya Gunjal,	Journal of Pharmaceutical and Biological Sciences	2021	2320-1924	DIRECTORY OF RESEARCH JOURNALS INDEXING
26	Quality risk assessment and DoE- Practiced validated stability-indicating chromatographic method for quantification of rivaroxaban in bulk and tablet dosage form	Kamlesh Palandurkar, Richie Bhandre, Sai H S Boddu, Minal T Harde, Sameer H Lakade, Ujjwala Kandekar, Prashant Waghmare	Acta Chromatographic a	2022	1233-2356	Scopus, Web of Science, SCIE
27	Exploring Cytotoxic Potential of Ciclopirox on Colorectal Cancer Cells by In-Silico Methodology	Deokar SS, Shaikh KS	Bio interface Research in Applied Chemistry	2022	2069-5837	
28	Phytochemistry and Pharmacology of Pterocarpus Santalinus and Its Role in Dermatology	Mohini Kuchekar*, Vijay Navghare, Amrita Kulkarni, Aishwarya Zambare, Bharti Choudhary	Asian Journal of Pharmaceutical and Clinical Research	2022	2755-3891	Scopus (2018), Embase





29	Synthesis, characterization, and antidiabetic evaluation of sulfonamide incorporated with 1,3,4-oxadiazole derivatives	Megha Salve, Shailaja Jadhav	International Journal of Pharmaceutical Education and Research	2021	0019-5464	Web of Science, Scopus, SCIE, Embase
30	Synthesis, characterization, and evaluation of in vitro antidiabetic activity of novel pyrrolidine sulphonamide derivative	Megha Salve, Shailaja Jadhav	International Journal of Pharmaceutical Investigation	2021	Print -2230-973X, Online - 2230-9713	UGC-CARE, Web of science, PMC
31	Stability-indicating and analysis of Quercetin, Rutin, and Lupeol in Benincasa hispida (Cucurbitaceae) fruit, leaves extracts, and formulation by High-Performance Thin layer Chromatographic methods.	Kakad Kalyani Shrinivas*, Kundan Chimanaram Choudhary, Mukesh Rajaram Choudhary	Bulletin of Environment, Pharmacology and Life Sciences	2021	2277-1808	Web of Science





32	Study of antihyperglycemic, antihyperlipidemic and antioxidant activities of Withania coagulans fruits in streptozotocin-induced non- insulin dependent diabetes mellitus in rats	Deepti D. Bandawane, Archana R Juvekar	Indian Drugs	2021	2277-1808	Scopus, Embase
33	Evaluation of In-vitro anthelmintic potential of various extracts of Emblica officinalis	Padmaja Kore, Rashmi Tantri, Anuradha More, Shweta Ghodke, Sheetal Chaudhari	International Journal of Botany Studies	2021	2255-541X	Google scholar
34	Biopolymers: A comprehensive review.	Mohini Chandrashekhkar Upadhye, Mohini Chetan Kuchekar, Rohini Revansiddhappa Pujari and Nutan Uttam Sable	Open Access Research Journal of Science and Technology	2022	2782-9960	Google scholar
35	Exploration of anti-hyperglycemic potential of herbal mixture in streptozotocin-induced type-II diabetes in rats	DD Bandawane, PD Chaudhari, AR Juvekar	International Journal of Pharmaceutical Sciences and Research	2021	0975-8232 2320-5148	Scopus, Embase
36	Systematic Development of Design of Expert Optimized Self Micro Emulsifying Drug Delivery System of Silymarin	Bhaves Choudhary, Akshay Gaikwad, Vitthal Chopade	Journal of the Maharaja Sayajirao University of Baroda	2021	0025-0422	UGC-CARE
37	Comparative Study of Aragvadha Phalamajja (Cassia fistula Linn.) w.s.r. to its Sangrahana Vidhi.	Poonam Dilip Sable, Asmita Uday Jadhav, Apoorva Sangoram, Sable P.N, Mohini Chetan Kuchekar .	International Journal of Ayurvedic Medicine	2021	0976-5921	Web of Science
38	Effect of Abelmoschus ficulneus (L.) Wight & Arn. on immunomodulation: in vivo experimental animal models	Neelam Dashputre, Deepti D Bandawane	Future Journal of Pharmaceutical Sciences	2021	2314-7253	UGC-CARE, Web of science, DOAJ, Embase







39	A stability-indicating HPLC method for estimation of doxylamine succinate in tablets and characterization of its major alkaline stress degradation product	Minal T Harde, Sameer H Lakade	Future Journal of Pharmaceutical Sciences	2021	2314-7253	UGC-CARE, Web of science, DOAJ, Embase
40	Synthesis, Characterization and Screening of Some Novel 2- Methyl-N'- [(Z)-substituted – Phenyl ethylidene] Imidazole[1,2-A] Pyridine-3- Carbohydrazide Derivatives as DPP-IV inhibitors for the Treatment of Type 2 Diabetes Mellitus	Prerana Chavan, Shailaja Jadhav	Letters in Drug Design and Discovery	2021	ISSN (Print): 1570-1808 ISSN (Online): 1875-628X	Scopus, Web of Science
41	Formulation And Evaluation of Polyherbal Shampoo as Hair Care Product	Mohini C. Kuchekar*, Shraddha S. Makeswar and Arti R. Dabhade	World journal of pharmaceutical research	2021	2277-7105	Google scholar
42	Design, synthesis and molecular docking study of N-heterocyclic chalcone derivatives as an anti-cancer agent	Bharti Fegade, Shailaja Jadhav	International Journal of Pharmaceutical Sciences and Drug Research	2022	0975-248X	UGC-CARE
43	A Molecular Docking Study of Peramivir and Zanamivir as Potential Inhibitors of The H1N1 Influenza Target Protein	Dr. Pallavi M. Patil, Khade Shubham Ramchandra	International Journal of Pharma and Bio Sciences	2022	0975-6299	Scopus (2016), Embase
44	A Computational Study of Molecular Docking for Antiviral Compounds Against Sars-Cov-2	Dr. Pallavi M. Patil, Khade Shubham*	International Journal of Pharma and Bio Sciences	2022	0975-6299	Scopus (2016), Embase





45	Evaluation of In-vitro thrombolytic potential of hydroalcoholic extracts of Citrus Limon Leaves, Tagetes Erecta flower and Musa Paradisiaca Stem	Padmaja S. Kore, Shrushti Tiwari, Charmine Richardson	Journal of Medical Pharmaceutical and Allied Sciences	2021	2320-7418	Scopus
46	Protective Effect of Flavonoid Rich Fraction of Sesbania grandiflora leaves against chemically induced Urolithiasis in vitro and in vivo	Dr. Sonali S. Nipte, Chaitali S. Waghmare	International Journal of Pharmaceutical Sciences Review and Research	2022	0976 – 044X	Scopus (2016), Embase
47	Evaluation of Anti-Urolithiatic Activity of Ethanolic Extract of Delonix Regia Leaves in Experimental Animal	Dr. Sonali S Nipate, Rjanigandha R Jori.	International Journal of Pharmaceutical Sciences Review and Research	2022	0976-044X	Scopus (2016), Embase
48	Design and characterization of punica granatum seed oil- loaded cream: assessment of in vitro antimicrobial potential	Atul phatak, shreshail ghurghure	International journal of pharmaceutical sciences and drug research	2022	0975-248X 	UGC-CARE



49	Design, synthesis, and biological evaluation of 3-chloro-2-oxo-N-(aryl carbamoyl)-2H-1-benzopyran-6-sulfonamide derivatives as potential DPP-IV inhibitors	P. K. Vawhal, S. B. Jadhav	International Journal of Health Sciences	2022	E-ISSN 2550-696X P-ISSN 2550-6978	Scopus, DOAJ, PMC
50	Repurposing ciclopirox for treating multiple forms of cancer: New reports and approaches	Savita S. Deokar , Karimunnisa Sameer Shaikh, Pravin D. Chaudhari , Saakshi Shrikant Deokar	Journal of medical pharmaceutical and allied sciences	2022	2320-7418	Scopus
51	Development and Validation of Stability-Indicating HPTLC Assay Method of Remogliflozin Etabonate in Bulk and Marketed Formulation	Sushant Ahire, Aishwarya Balap	International Journal of Pharmaceutical Sciences and Research	2022	0975-8232	Scopus, Embase
52	Preparation and Characterization of Advanced Nano medicine for Malaria: Box Behnken Design Approach	Anuradha G. More, Parag R. Potbhare , Padmaja S. Kore , Praveen D. Chaudhari , Pratiksha U. Kshirsagar , Radhika R. Baheti and Surbhi C. Gupta	International Journal of Life science and Pharma Research	2022	2250-0480	Web of Science
53	Antidiabetic Potential of Ficus glomerata Roots with a Special Emphasis on Estimation of Bioactive Compounds by a Novel Validated HPTLC	Mohini Upadhye, Uday Deokate, Rohini Pujari, Mohini Phanse	Indian Journal of Pharmaceutical Education and Research	2022	0019-5464 	Web of Science, Scopus, SCIE, Embase



54	Investigation of hypoglycemic, anticholesteremic, in vivo antioxidant and pancreatic beta cell protective effect of Tecoma gaudichaudi DC leaves in streptozotocin-induced diabetic rats	Kedar kalyani Abhimanyu, Chaudhari Sanjay Ravindra and Rao Srinivasa Avanapu	Bulletin of Environment, Pharmacology and Life Sciences.	2022	2277-1808	Web of Science
55	Cytotoxic, antioxidant and phytochemical analysis of Tecoma gaudichi DC (Bignoniaceae)	K. A. Kedar, Sneha Nawale, S. R. Chaudhari, S. A. Rao	Bulletin of Environment, Pharmacology and life sciences	2022	2277-1808	Web of Science
56	Formulation and characterization targets Ectea Nanosuspension with enhanced antihyperlipidemic potential	Kalyani kedar, Shena Nawale, Pooja Gowlikar, M. Ganga Raju	Bulletin of Environment, Pharmacology and life sciences	2022	2277-1808	Web of Science






57	Cytotoxic, antioxidant and phytochemical analysis of Ethyl acetate extract of Putranjiva roxburghii Wall	Kedar kalyani Abhimanyu, Chaudhari Sanjay Ravindra and Rao Srinivasa Avanapu	Advances in Bioresearch	2022	2277-1573	Web of Science
58	Risk Management of Uncontrolled Migraine Attacks	Punam Kela	World Journal of Pharmacy and Pharmaceutical Sciences	2021	2278-4357	Google scholar
59	Molecular Docking and in vitro studies of some new oxadiazole derivatives as antidiabetic agents	Salve T, Jadhav S	International Journal of Pharmaceutical Research	2021	0975-2366	Scopus (2021), Embase
60	Spray drying approach in preparation and characterization of solid Dispersion of Eprosartan Mesylate	Sachin Kothawade, Praveen Chaudhari	Journal of Medical Pharmaceutical and allied Sciences,	2021	2320-7418	Scopus
61	Hepato-protective activity of gentisic acid on 5-fluorouracil- induced hepatotoxicity in wistar rats	Rohini Pujari Deepti Bandawane	Turk Journal of Pharmaceutical science ,	2021	2148-6247	Web of Science
62	Leaves of Stereospermum suaveolens DC exhibit anti inflammatory and anti arthritic potential action in experimental animals	R Chanshetti, D Bandawane	Journal of Pharmaceutical research International,	2021	2456-9119	Google scholar, PubMed
63	Development of biodegradable porous starch form for improving oral delivery of a process Eprosartan Mesylate	Sachin Kothawade, Praveen Chaudhari	Journal of Advanced scientific research,	2021	0976-95	Google Scholar






64	Synthesis, Characterization and Screening of Some Novel 2- Methyl-N'-[(Z)-Substituted-Phenyl ethylidene] Imidazo [1, 2- a] Pyridine-3- Carbohydrazide Derivatives as DPP-IV Inhibitors for the Treatment of Type 2 Diabetes Mellitus	Shailaja Jadhav	Bentham Science, Letters in Drug Design and Discovery,	2021	print 1570-1808 online 1875-628X	Scopus, Web of Science
65	L-carnitine ameliorates bile duct ligation induced liver Fibrosis by reducing the nitrosative stress in experimental animals: preclinical evidence	Vikram Nimbalkar Neeraj Vyawhare	Heliyon	2021	2405-8440	Scopus, Web of Science, PMC, SCIE, DOAJ
66	Synthesis characterization and biological evaluation of some novel substituted indole derivatives as potential antibacterial and antifungal Agents	Vawhal P, Jadhav S	Journal of Pharmaceutical Research International,	2021	2456-9119	Google Scholar, PubMed
67	Synthesis, characterization, and antidiabetic evaluation of sulfonamide incorporated with 1,3,4-oxadiazole derivatives	Megha Salve, Shailaja Jadhav	International Journal of Pharmaceutical Education and Research	2021	0019-5464	Web of Science, Scopus, SCIE, Embase
68	Exploring cytotoxic potential of ciclopirox on colorectal cancer cells by in silico methodology	Savita Dev kar karimunnisa Sheikh	Biointerface research in applied chemistry	2021	2069-5837	Scopus
69	Synthesis, characterization, and evaluation of in vitro antidiabetic activity of novel pyrrolidine sulphonamide derivative	Megha Salve, Shailaja Jadhav	International Journal of Pharmaceutical Investigation	2021	Print -2230-973X, Online - 2230-9713 	UGC-CARE, Web of science, PMC



70	Recognizing novel drugs against Keap1 in Alzheimer's disease using machine learning-grounded computational studies	Somdatta Chaudhari, Shailaja Jadhav	Frontiers in Molecular Neuroscience	2021	1662-5099	Scopus, Web of Science
71	The anti-Alzheimer potential of some novel Tacrine-Coumarin Derivatives as a Cholinesterase inhibitor	Somdatta Chaudhari, Shailaja Jadhav	International Journal of Health Sciences	2022	1924-7064	Scopus (2021), PMC, DOAJ
72	Design synthesis and biological evaluation of 3 chloro 2 oxo N (arylcarbonyl) 2H-1 benzopyran six sulfonamide derivatives as potential DPP-IV inhibitors	Vawhal P, Jadhav S	International Journal of Health Sciences	2022	2319-7064	Scopus (2021), PMC, DOAJ
73	Validated UV Visible spectrophotometric method for the estimation of sorafenib tosylate in bulk and nanoparticles	Sangeeta kale, Karimunnisa Shaikh	International Journal of Health Sciences	2022	2319-7064	Scopus (2021), PMC, DOAJ
74	Gradient rapid HPLC method development and validation for simultaneous estimation of paclitaxal and Albendazole	Nikita Gaikwad, Praveen Choudhary, karimunnisa Shaikh	International Journal of Health Sciences	2022	2319-7064	Scopus (2021), PMC, DOAJ
75	Fabrication and evaluation of solid self emulsifying drug delivery system of sodium by using adsorption to solid carrier techniques	Hemant Deokule, Smita pimple, Kiran Mahajan, Praveen Chaudhari	Research journal of Pharmaceutical and Technology	2022	0974-3618	Google Scholar





76	Investigation of Flavonoids in stereospermum suaveolens using HPLC analysis for inflammatory pain swelling and edema treatment	R Chanshetti, D Bandawane	Asian Pacific journal of Health Science	2022	2349-0659	Google Scholar
77	Comparative studies on protective efficacy of gentisic acid and 2- pyrocatechuic acid against 5 fluorouracil induced toxicity in wistar rats	Rohini Pujari, Deepti Bandawane	Indian Journal of Experimental biology	2022	0975-1009	Scopus, Web of Science, SCIE, DOAJ
78	Design, molecular docking studies and ADMET prediction of Chalcones of Indole-benzenesulfonyl derivatives as Thioredoxin inhibitor for anticancer activity	Pallavi S. Bansod, Shailaja B. Jadhav	Journal of Computational Biophysics and Chemistry	2022	2737-4165	Web of Science, Scopus, SCIE
79	Detoxification of Gunja Seeds with Ex Vivo Study	Nikita Kale ¹ , Prakash Gulbhele ² , Vaibhav Gawade ^{3*} , Rahul Jagtap ³ , Sudhir Khodade ⁴	International Journal of Pharmaceutical Research & Allied Sciences	2022	2277-3657	Web of Science
80	Synthesis, Characterization and Screening of Some Novel 2- Methyl-N'- [(Z)-Substituted-Phenyl ethylidene] Imidazo [1, 2- a] Pyridine-3- Carbohydrazide Derivatives as DPP- IV Inhibitors for the Treatment of Type 2 Diabetes Mellitus	Bharti Fegade, Shailaja Jadhav	Bentham Science, Letters in Drug Design and Discovery,	2021	print 1570-1808 online 1875-628X	Scopus, Web of Science
81	Design, synthesis and molecular docking study of N- heterocyclic chalcone derivatives as an anti-cancer agent	Bharti Fegade, Shailaja Jadhav	International Journal of Pharmaceutical Sciences and Drug Research	2022	0975-248X 	UGC-CARE



82	Extraction, Isolation, Characterization of Curcumin-I From Curcuminoids	Priyanka T. Kare, Surika S. Malode, Kalyani S. Kakad, Khanderao R. Jadhav	Journal of Polymer & Composites	2022	2321-2810	Web of Science
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**List of Research Publications by Faculty in the Year 2022-23 (97):-**

Sr. No.	Title of Paper	Name of the author/s	Name of Journal	Year of Publication	ISSN Number	Is it listed in UGC Care list
1	Method development and validation of Favipiravir by RP-HPLC	Amit Suryakant Tapkir, Vishal Bansi Ghune	Innovative Journal of Medical Sciences,	2022	2581-4346	Google scholar
2	HPLC Method Development and Validation of Rabeprazole and Levosulpiride in its bulk and dosage form	Vithal Chopade, Trupti D. Dudhgaokar, Pravin Kaumar D. Lade, Atul A. Baravkar, Pranali A. Jadhav	International Journal of pharmaceutical Sciences and Drug research	2022	0975-248X	UGC-CARE
3	The anti-Alzheimer potential of some novel Tacrine-Coumarin Derivatives as a Cholinesterase inhibitor	Somdatta Yashwant Chaudhari, Shailaja Bhanudas Jadhav	International Journal of Health Sciences	2022	2550-6978	Scopus (2021), PMC, DOAJ
4	Morphological and anatomical characterization of <i>Plumeria obtusa</i> L.: An Ayurvedic medicinal plant	Sunil Shewale, Vaishali Undale, Maruti Shelar, Bhushan Pimple, Mohini Kuchekar, Vrushi Bhalchim and Bhagyashri Warde	Annals of Phytomedicine,	2022	2278-9839	NA
5	Development and Validation of Tafenoquine by High Performance Liquid Chromatography Technique along with Stress Degradation Study of Tafenoquine	Mayur S. Tekade ^{1*} , Pallavi M. Patil, Vitthal V. Chopade, Samiksha S. Agarkar	International Journal of Pharmaceutical Sciences and Drug Research, 2022	2022	0975-248X	UGC-CARE
6	<i>Verbena officinalis</i> (Verbenaceae): Pharmacology, Toxicology and role in female health	Kuchekar Mohini, Upadhye Mohini, Kulkarni Amrita, Zambare Aishwarya, Shirke Disha, Kore Padmaja	International Journal of Ayurvedic Medicine,	2022	0976-5921	Web of Science




						
7	High-performance thin-layer chromatography (hptlc) method development and validation for determination of remogliflozin etabonate and vildagliptin in bulk and its tablet formulation	Sarang V. Badke, Kalyani S. Kakad, Sarika S. Malode	International Journal of applied pharmaceuticals	2022	0975-7058	Scopus
8	Personalized Nanomedicine for Breast Cancer Therapy	Dr. K. S. Shaikh, S. L. Mali, R. C. Kolape, S. S. Satkar	Journal of Hospital Pharmacy	2022	2348-7704	NCBI indexed
9	Nanocomposite based drug delivery for periodontal disease	Kumbhar Amol B., Dr. Chaudhari Pravin D., Dr. Shaikh Karimunnisa	International Journal of Health Sciences,	2022	2550-696x	Scopus (2021),
10	Quality-by-design (qbd) approach to chromatographic conditions applied for determination of robustness in silymarin extract	Chopade v.v., uttekar p.s, gawade.v., chavan s. And bastia .s.b	International Journal of Biology, Pharmacy and Allied Sciences	2022	2277-4998	Web of Science
11	Low level quantification of two potential genotoxic impurities in rilpivirine hydrochloride drug substance by HPLC technique	Chopade VV, Chaudhari PD, Dumbre NG	International Journal of Health Sciences	2022	2550-6978	Scopus (2021)
12	Docking Study of Selected Phytoconstituents with Acetylcholine Esterase and BChE for its Anti-alzheimers Activity	Vitthal V. Chopade, Sonali G. Banpure,	International Journal of Drug Delivery Technology	2022	0975- 4415	Scopus, Embase
13	Stability Indicating HPTLC Method of Molnupiravir and Comparative Study of Degradant with Marketed Molnupiravir Impurity- A	Mayur S. Tekade*, Pallavi M. Patil	Iranian Journal of Analytical Chemistry	2022	2383-2207	Google scholar
14	Validated UV-Vis spectrophotometric method for the estimation of Sorafenib Tosylate in bulk and nanoparticles	Sangita A. Kale, Dr. Karimunnisa Shaikh	International Journal of Health Sciences	2022	2550-696X 2550-6978	Scopus (2021)




15	Activated Carbon Black: Versatile Adsorbent for the Healthcare Industry	Aishwarya Shivaji Mahangade I, Dr. Atul. A. Phatak	Pharma Times -	2022	0031-6849 	Scopus, Embase
16	Antihistaminic effects of Azadirachta indica leaves in laboratory animals	Padmaja Kore*, Akash Gaikwad, Anuradha G More, Shivanjali Shinde I, Rutuja Sawkar, Poonam Inamdar	International Journal of Ayurvedic Medicine	2022	0976-5921	Web of Science
17	Formulation and Evaluation of Polyherbal Anti-Dandruff Shampoo	Anuradha G More*, Priyanka D Pote, Padmaja S Kore, Yogish D Garhwani	International Journal of Ayurvedic Medicine	2022	0976-5921	Web of Science
18	Formulation Development and optimization of Empagliflozin film coated tablet using Quality by Design approach	Sharddha Lakambare, Atul Phatak, Mahesh Bhadgale, Vardhaman Bafana	Asian Journal of Pharmaceutical and clinical research	2022	E 2455-3891 P 0974-2441	Scopus (2018), Embase
19	Comparative docking analysis of tyrosine kinase inhibitors with HER2 and HER4 receptors	Priyanka Sonar, Karimunnisa Shaikh, Sunil Harer, Sangita Ballav, Soumya Basu.	Bioinformation	2022	(Online ISSN 0973-2063; Print ISSN 0973-8894)	Web of Science, PMC
20	Preparation and Evaluation of Anti-Dandruff Hair Oil Using Various Herbs	Anuradha G. More*, Yogish D. Garhwani, Padmaja S. Kore, Priyanka D. Pote	Bulletin of Environment, Pharmacology and Life Sciences	2022	2277-1808	Web of Science
21	Acetofenac solubility enhancement by sonoprecipitation method: Formulation, Optimization, characterization and in vitro evaluation	Ujwala Desai, Sangita Kale, Haya Alkhakdi, Vinay Manocha	Journal of Advanced Scientific Research	2022	0976-9595	UGC-CARE
22	Preliminary pharmacognostic, physicochemical and phytochemical evaluation of Sansevieria cylindrica leaves	Sunil shewalw, Maruti Shelar, Vrushi Bhalchim, Mohini Kuchekar, Bhagyashri Warude, Vikas Wawale	Journal of pharmaceutical Negative research	2022	0976-9234	Scopus, Embase
23	Low Level Quantification Of Potential Genotoxic Impurity In Daclatasvir Hydrochloride By RP-HPLC Method	Chopade VV, Chaudhari PD, Dumbre NG	Journal of Pharmaceutical Negative Results	2022	2229-7723	Scopus, Embase
24	A Validated Stability Indicating HPTLC Method for Estimation of Bilastine in Bulk and Tablet Dosage Form and Characterization of Impurities by LC-MS Method	Vithal V. Chopade, Shubham C. Humnabadkar, Sarangkar BD, Pallavi M. Patil	Advances in Bioresearch	2022	0976 - 4585 	Web of Science



25	Design, synthesis and evaluation of n-(benzo[d]thiazol-2-yl)-2-oxo2h-chromene-3-carboxamide derivatives as potential antioxidant and antibacterial agents	Ranjit V. Gadhavea *, Sachin S. Khadea , Yogita S. Ozardea , Somdatta Y. Chaudharib, Arti G. Swamia and Mukesh K. Meena	Indian Drugs	2022	0019-462X	Scopus, Embase
26	Anticatalytic effect of Curcuma Amada ethanolic extract in laboratory animals	Padmaja Kore, Abhishek Nemmaniwar, Samiksha Borole, Pratiksha Raut	Advances in BioResearch	2022	Print ISSN 0976-4585; Online ISSN 2277-1573	Web of Science
27	Development and validation of novel RP-HPLC method for quantification of lapatinib ditosylate in newer formulation: a quality by design approach	Priyanka Sonar, Karimunnisa Shaikh, Sunil Harer	International Journal of applied pharmaceuticals,	2022	0975-7058	Scopus, Embase
28	Design, Synthesis, Molecular Docking and Antioxidant Evaluation of Benzimidazole-1,3,4-oxadiazole Derivatives	Shashikant V. Bhandari a, Om G. Nagras a, Pranali V. Kuthe a, Aniket P. Sarkate b, Kaustubh S. Waghmare a, Dattatraya N. Pansare c, Somdatta Y. Chaudhari d, Shivraj N. Mawale a, Mrunal C. Belwate	Journal of Molecular Structure	2022	0022-2860 	Web of Science, Scopus, SCIE



29	Recognizing novel drugs against Keap1 in Alzheimer's disease using machine learning-grounded computational studies	Nobendu Mukerjee, Khattab Al-Khafaji†, Swastika Maitra, Jaafar Suhail Wadi, Punya Sachdeva, Arabinda Ghosh, Rahul Subhash Buchade8, Somdatta Yashwant Chaudhari9, Shailaja B. Jadhav, Padmashree Das, Mohammad Mehedi Hasan, Md. Habibur Rahman12, Ghadeer M. Albadrani, Ahmed E. Altyar, Mohamed Kamel, Mohammad Algahtani, Khlood Shinan, Abdulrahman Theyab Mohamed M. Abdel-Daim Ghulam Md. Ashraf, Md. Mominur Rahman and Rohit Sharma	Frontiers in Molecular Neuroscience	2022	1662-5099	Web of Science, Scopus, other- (Embase, PMC, DOAJ, SCIE)
30	Virtual Screening, Synthesis, and Biological Evaluation of Some Carbohydrazide Derivatives as Potential DPP-IV Inhibitors	Prerana Chavan, Shailaja Jadhav et al	Molecules,	2022	1420-3049	Web of Science, Scopus, Other- (Medline, PMC, DOAJ, scie)
31	In silico Molecular docking of Herbal plant extract for Antioxidant activity	Dnyaneshwari R. Chopade, Pallavi M. Patil, Mayuri B. Suryawanshi	Journal For Basic Sciences	2022	1006-8341	Scopus
32	Comparative Investigation of Hair Shampoos Formulated Using Different Herbal Extracts	Mugdha Banduke, Akash Gaikwad, Harshada Chattar, Mohini Kuchekar, Bhushan Pimple, Nitin Deshmukh, Harshal Tare	International Journal Of Pharmaceutical Quality Assurance ,	2022	0975 9506	Scopus
33	Macroscopic and Microscopic Evaluation of Sansevieria cylindrica Plant	Sunil Shewale, Vaishali Undale, Maruti Shelar, Bhushan Pimple, Mohini Kuchekar, Vrushali Bhalechim.	Pharmacognosy Research,	2022	0976-4836	Web of Science, Embase, PMC
34	Comparative studies on protective efficacy of gentisic acid and 2-pyrocatechuic acid against 5-fluorouracil induced nephrotoxicity in Wistar rats	Arvind B Naik, Deepti D Bandawane	NeuroQuantology	2022	1303-5150	Scopus, Embase
35	Effect of Lead, Copper on Glycogen Content in Muscle, Liver, Kidney Tissues of Freshwater Fish Labeo Rohita	Pallavi M. Patil, Shubham R Khade, Mayuri Suryawanshi, Sneha N Hojage	UTTAR PRADESH JOURNAL OF ZOOLOGY	2022	0256-971X 	Web of Science, UGC-CARE




36	Preliminary Pharmacognostic, Physicochemical and Phytochemical Evaluation of Plumeria-Obtuse Seed Pods	Sunil Shewale Vaishali Undale Maruti Shelar Vrushali Bhalecham Mohini Kuchekar Bhagyashri Warude Vikas Wawale	Journal of Pharmaceutical Negative Results	2022	2229-7723	Scopus, Embase
37	Neuroprotective potential of flowers of nycanthus arbor-tristis on aluminium chloride induced negative effect on learning abilities in rats	Arvind B Naik, Deepti D Bandawane	NeuroQuantology	2022	1303-5150	Scopus, Embase
38	Foot Deodorizing Gel Formulation Having Antimicrobial Activity	Prashant R. Patankar, Vithal V. Chopade, Praveen D. Chaudhari	Journal of Research in Pharmacy	2022	2630-6344	Scopus, Web of Science
39	Development & validation of novel RP-HPLC DAD method for quantification of Lapatinib Ditosylate in newer nano-liposome formulation: A quality by Design (QBD) Approach	Pallavi Kishor Vawhal and Shailaja B. Jadhav	Molecules	2023	1420-3049	Web of Science, Scopus, DOAJ, Medline, PMC, SCIE
40	Coumarin-Based Sulfonamide Derivatives as Potential DPP-IV Inhibitors; Pre-ADME Analysis, Toxicity Profile, Computational Analysis, and In Vitro Enzyme Assay	Pallavi Kishor Vawhal and Shailaja B. Jadhav	Molecules,	2023	1420-3049	Web of Science, Scopus, DOAJ, Medline, PMC, SCIE
41	Solubilizing essential oils and preparing stable, transparent and stain-free liquid roll-on preparation for foot application	Vitthal V. Chopade, Praveen D, Chaudhari, Prashant R. Patankar	European Chemical Bulletin	2023	2063-5346	Scopus, DOAJ
42	Effect of Andrographis paniculata extract and Andrographolide on the pharmacokinetics of Aceclofenac and Celecoxib in rats	S. J. More, S. S. Tandulwadkar, Aishwarya R. Balap, S. Lohidasan, A. Sinnathambi and K. R. Mahadik	Future Journal of Pharmaceutical Sciences	2023	2314-7253	Web of Science, DOAJ, Embase
43	Development and Validation of RP-HPLC Methods for Simultaneous Determination of Moxifloxacin HCl and Ketorolac Tromethamine in Bulk and Marketed Formulation	Ujwala Wasnikl, Kedar Jagtap, Bhimashankar Devkar, Sameer Lakade, Ankita Patil Padmaja Kore, Minal Harde	Eur. Chem. Bull.	2023	2063-5346	Scopus, DOAJ
44	UV Spectroscopic Method Development and Validation of Rabepazole and Levosulpiride in its Bulk and Dosage Form	Vithal Chopade, Atul Baravkar, Sagar Shinde, Pranali Jadhav, Trupti Dudhgaonkar, Pradip Lade, Monika Chavare	Archives of Pharmacy Practice	2023	2320-5210	Web of Science, DOAJ, Embase



45	Wheat ergot fungus-derived and modified drug for inhibition of intracranial aneurysm rupture due to dysfunction of TLR-4 receptor in Alzheimer's disease	Sandip DebnathID1*, Devesh Sharma2, Somdatta Yashwant Chaudhari3, Ritika Sharma4, Amir Afzal Shaikh5, Rahul Subhash Buchade5, Kavindra Kumar KesariID6, Abdel-FattahM. Abdel-FattahID7, Mohammad AlgahtaniID8, Mayyadah Mheidat9, Rawidh Alsaidalani10, Tapas Paul1, Amany A. Sayed11, Mohamed M. Abdel-Daim	PLOS ONE	2023	1932-6203	Scopus, Web of Science, DOAJ, Embase, Medline, PMC, SCIE
46	Active Phytoconstituents and Pharmacological Activities of Withania Coagulans (stocks) Dunal (paneer Dodi): Brief Review	Amit Suryakant Tapkir, Krishnapriya. R. Nalanaglu, Mayuri. K. Auti, Abhijit. B. Gholap	Journal For Basic Sciences	2023	E 2306-5249 (Print) ISSN: 2791-	Scopus Active Indexed Database Journal
47	Anti-Alzheimer Activity of Bay Leaves in Scopolamine-induced Rat Model	Vitthal V. Chopade, Pravin D. Chaudhari, Pramod L. Ingale	International Journal of Drug Delivery Technology.	2023	0975 4415	Scopus
48	Anthelmintic Potential Of Aqueous And Organic Extract Of Seeds Of Samanea saman (Merr)	vitthal chopade, Atul Baravkar, Nitin Aher, Ramdas Kale, Vishnu Neharkar, Makarand Puri, Padmanabh Deshpande	Journal of Pharmaceutical Negative Results	2023	2229-7723	Scopus, Embase
49	In-Silico Studies to recognize Repurposing Therapeutics toward Arginase-I inhibitors as a Potential Onco-Immunomodulators	Magdi E. A. Zaki*, Sami A. Al-Hussain1, Aamal A. Al-Mutairi1, Abdul Samad, Arabinda Ghosh, Somdatta Chaudhari, Pravin N. Khatale, Prashant Ajmire and Rahul D. Jawarkar	Frontiers in Pharmacology	2023	1663-9812	Scopus, Web of Science, DOAJ, Embase, PMC, SCIE





50	Quantitative structure-activity relationship and group-based quantitative structure-activity relationship: a review	Sanket B. Bhatshankar and Amit S. Tapkir	International Journal of Pharmaceutical Sciences and Research	2023	0975-8232	Scopus, Embase
51	High-Performance Thin Layer Chromatography Method Development to Estimate Phytoconstituents in Hedychium species,	Sunil Shewale, Vaishali Undale, Maruti Shelar, Bhagyashri Warude, Mohini Kuchekar, Vrushali Bhalchim, Shital Satone, Shweta Lembhe, Sachin Gundecha,	Defence Life Science Journal	2023	2456-379X	Scopus
52	Antimicrobial Foot Deodorizing Spray	Chopade Vitthal, Chaudhari Praveen, Patankar Prashant	International Journal of Pharmaceutical Quality Assurance	2023	0975-9506	Scopus, Embase
53	A Green Approach: Development and Validation of UV Spectrophotometric Method for the Determination of Glimepiride by Hydrotropic Solubilization	Sheetal D. Chaudhari, Rupali A. Jinturkar*, Pranali S. Shirsath, Shivam H. Sambre	Journal For Basic Sciences	2023	1006-8341	Scopus
54	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	Aishwarya Ramchandra Balap, Ravina R. Waghmare	Asian Journal of Pharmaceutical Research and Health Care	2023	ISSN - Print: 2250-1444, Online: 2250-1460 	Scopus (2016), Web of Science, Embase




55	The Efficient Activity of Glabridin and its Derivatives Against EGFR-mediated Inhibition of Breast Cancer	Arabinda Ghosh, Debanjana Ghosh, Nobendu Mukerjee, Swastika Maitra, Padmashree Das, Abhijit Dey, Souty M.Z. Sharkawi, Georgios D. Zouganelis, Athanasios Alexiou, Somdatta Yashwant Chaudhari, Ritika Sharma, Sonali Arun Waghmare, Marios Papadakis* and Gaber El-saber Batiha	Current Medicinal Chemistry	2023	0929-8673	Scopus, Embase, Medline, SCIE
56	Emerging hepatitis C virus and neuron-allied neuroviral intertwine and its therapeutic approaches	Mukerjee, Nobendu BScA,b; Chaudhari, Somdatta Y. MPharmc; Jha, Swastika MScd; Sinha, Shweta MSce; Jadhav, Shailaja B. PhDc; Dhar, Rajib MScf; Rathod, Vivek D. BTechg; Nanaware, Rajesh B. MPharmh; Chakole, Rita D. PhDi; Sharma, Devesh MScj; Sharma, Prince Prashant PhDk; Pawar, Sonali D. MPharml; Ghosh, Arabinda PhDm	International Journal of Surgery	2023	1743-9191	Web of Science, Scopus, Embase Medline, SCIE
57	Pharmacognostic Investigations of Impatiens balsamina Linn.	Bhushan Pimple, Suvarna Vadge, Mohini Kuchekar *, Deshraj Chumbhale, Manoj Tare, Dwarkadas Baheti	International Journal of Experimental research and review	2023	2455-4856	Scopus
58	Comparative evaluation of lipsticks developed using isolated pigments of Capsicum annum and Lycopersicon esculentum fruits and various natural bases	Bhushan Pimple*, Suvarna Vadge, Mohini Kuchekar, Sonali Nipate, Dnyaneshwari Mate, Krishnapriya Ramlunalanaglu, Manoj Tare, Dwarkadas Baheti	International Journal of Experimental research and review	2023	2455-4855	Scopus





59	Development and validation of chromatographic method for analysis of some polycyclic hydrocarbons in soybean oil	, Vitthal Chopade, Pradip Bodake, Rajendra Kawade, Rajanikant Kakade, Amit Panaskar, Bhagyashri Panaskar, Nitin Shinde, Reshma Devkate, Komal Hole, Shital Gaikawad, Poonam Kasar, Sonali Pawar, Vishnu Neharkar, Bhushan Pimpale, Shaikh, Atul Baravkar, Deepali Kadam, Sana M Jafar Shaikh, Rahul Mohan, Monali Bhalerao, Milind Velhal, Hemant Deokule	European Chemical Bulletin	2023	2063-5346	Scopus, DOAJ
60	GC-MS and Insilico molecular docking of Leonurine isolated from Leonotis nepetifolia for antioxidant activity.	, Pallavi M. Patil, Dnyaneshwari R. Chopade, Mayuri B. Suryawanshi	High Technology Letters	2023	1006-6748	Scopus
61	Development and validation of RPHPLC method for assay of fluticasone furoate from nasal spray formulation	Vitthal Chopade, Vishnu Neharkar, Padmanabh Deshpande, Makarand Puri, Priti Khanapure, Vaishnavi Chopade, Minal Ghante, Jayshree Jagtap, Shital Godse, Vidhya Bhusari, Vasundhara Sawant, Sonali Labhade, Rajendra Kawade, Deepali Kadam, Nilesh Jadhav, Gaffar Sayyad, Dipti Phadtare, Shital Godse, Pandurang Vijapure, Kumal Survade, Rahul Mohan, Arvind Hatkar, Atul Baravkar	European Chemical Bulletin	2023	2063-5346	Scopus, DOAJ
62	Hepatoprotective activity of Balsamodendron mukul extract against Paracetamol-induced liver toxicity in rats: In vivo pharmacological and toxicological evaluation.	Darshan Shah, Nitin Mahurkar, Dnyandeve Gadhave, Ram Nikhate, Kalyani Kakad	Annales Pharmaceutiques Françaises	2023	2772-803X	Web of Science
63	Development and Characterization of Lipidic Nano-Cochleate for Topical Delivery of Itraconazole	Anuradha G. More, Hrishikesh S. Sonsale, Swati M. Mutha, Padmaja S. Kore, Aishwarya S. Mahangale, Akshay N. Deo, Mukesh P. Ratnaparkhi	European Chemical Bulletin	2023	2063-5346	Scopus, DOAJ



64	Quantification of spironolactone and its impurities present in pharmaceutical dosage forms by stability-indicating hplc method	Amit S. Tapkir , Harshal S. Loharkar and Santaji Nalawade	International Journal of Pharmaceutical Sciences and Research	2023	0975-8232	Scopus (2016), Embase
65	Acute oral toxicity evaluation of hydroethanolic extract of Brassica Cretica in wistar albino rats as per OECD 425	Padmaja Kore, Ashwini Navale, Deepti Bandawane, Smeeta Sadar, Pooja Chavan, Anuradha More, Minal Harde, Siddhant Gaikwad	European Chemical Bulletin	2023	2063-5346	Scopus, DOAJ
66	Prophylactic effects of Hydroethanolic extract of Brassica Cretica Leaves on Myocardial Injury in Rats.	Padmaja Kore, Ashwini Navale, Deepti Bandawane, Anuradha More , Minal Harde, Pooja Chavan, Trupti Bankar, Shrishti Jha	European Chemical Bulletin	2023	2063-5346	Scopus, DOAJ
67	Evaluation of wound healing and anti-inflammatory potential of Daucus Carota ethanolic Extract in laboratory animals	Padmaja Kore, Mansi Sewatkar, Vaishnavi Inde, Abhishek Nemmaniwar , Anuradha More, Minal Harde, Sakshi Khandagale, Tanvi Mande, Shivani Harne, Neha Dhumal, Pooja Chavan	European Chemical Bulletin	2023	2063-5346	Scopus, DOAJ
68	A Green Approach: Development and Validation of UV Spectrophotometric Method for the Determination of Rivaroxaban by Hydrotropic Solubilization	Sheetal D. Chaudhari*, Roshani S. Gite, Chaitanya V. Walunjkar	Journal of Basic sciences	2023	ISSN NO : 1006-8341	Scopus
69	Identification of d-limonene and rosmarinic acid by gc-ms analysis of kalonji oil with anti-microbial and anti-fungal activities	Pallavi M Patil, Samiksha Surendra Agarkar, Neha Prabhakar Shegokar	High Technology Letters	2023	1006-6748	Scopus
70	Design And Characterization Of Nanoemulgel For Topical Fungal Infection: Box Behnken Design Approach	Anuradha G. More, Shraddha S. Satkar, Swati S. Mutha, Padmaja S. Kore, Swapnil S. Tarte, Adil M. Pathan, Renuka G. Zarekar	European Chemical Bulletin	2023	2063-5346	Scopus, DOAJ
71	2-Pyrocatechuic Acid Attenuates Carboplatin Induced Hematological Toxicities in Wistar Rats	Arvind B Naik, Deepti Bandawane, Archana Naik	Research J. Pharm. and Tech.	2023	Online 0974-360X Print 0974-3618 	Scopus, DOAJ



72	Simultaneous estimation of lamivudine, Tenofovir, Disoproxil Fumarate and Efavirenz in Bulk and tablet Dosage form by crammers rule	Atul Baravkar, vitthal chopade, Makarand Puri, Vishnu Neharkar, Ramdas Kale	International Journal pharmaceutical investigation	2023	2230-9713	Web of Science, UGC-CARE, PMC
73	Evaluation of In Vitro and In Silico Anti-Alzheimer potential of ethanolic extract of Nyctanthes arbortristis flowers.	Arvind B Naik, Deepti Bandawane, Archana Naik	Eur. Chem. Bull.	2023	2063-5346	Scopus, DOAJ
74	In-silico investigation of phytoconstituents from Plumeria obtusa and Sansevieria cylindrica plants for assessment of anti-venom activity against snake venom.	Sunil Shewale, Vaishali Undale, Bhagyashri Warude, Vrushali Bhalchim, Mohini Kuchekar, Jay Gagare.	Eur. Chem. Bull.	2023	2063-5346	Scopus, DOAJ
75	A Review on Cubosome: The Novel Drug Delivery System	Devendra L. Visokar, Ashwini D. Akhote, Tushar M. Phalke	International Journal of Research Publication and Reviews	2023	2582-7421	Google scholar, academia.edu
76	Development and Validation of TLC-Densitometric Method for Simultaneous Estimation of Moxifloxacin HCL and Ketorolac Tromethamine in Bulk Drug and Marketed Formulation	Ujwala Wasnik, Rushikesh Nikalje, Khandoba Birajdar, Sameer Lakade, Sidheshwar Jadhav, Padmaja Kore, Minal Harde	Eur. Chem. Bull.	2023	2063-5346	Scopus, DOAJ
77	HLA-E (Human Leukocyte Antigen-E): Promising Biological agent for Cancer Mitigation	Yashoda N. Tidake, Darshana H. Wani, Tushar M. Phalke, Priyanka D. Pote, Mayuri S. Borbane, Rushikesh V. Khorde, Shilpa S. Biradar, Dr. U. S. Desai, Dr. K. S. Shaikh	Journal of Emerging Technologies and Innovative Research (JETIR)	2023	2349-5162	Google scholar
78	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	S. S. Nipate, K. Koradkar & S. A. Gojare	Future Journal of Pharmaceutical Sciences	2023	2314-7253	Web of Science, Embase, DOAJ
79	Identification and quantification of two low levels of potential genotoxic impurities in rilpivirine hydrochloride drug substance by hplc technique	Vitthal V. Chopade, Dipali S. Thete, Pallavi M. Patil, Nilesh Jadhav, Atul A. Baravkar	THE JOURNAL OF ORIENTAL RESEARCH MADRAS	2023	0022-3301	UGC-CARE



80	Stability of co-amorphous solid dispersions: physical and chemical aspects	Abhijeet A. Aher ^{1,2} , Karimunnisa S. Shaikh ¹ , Praveen D. Chaudhari	Journal of Structural Chemistry	2023	0022-4766	Web of Science
81	Development of an UV spectroscopic method for Capsaicin quantification in dosage form and in a bulk formulation	, Vitthal Chopade, Atul Baravkar, Sneha Dhonde, Trushali Mandhare, Pooja Kashid, Ganesh Phadtare, Jyoti Jawale, Alfa Jain, Deepali Kadam and Aditi Zagade	International Journal of Life science and Pharma Research	2023	2250-0480	Web of Science
82	Review On: Anti-Inflammatory Drugs	Yashoda N. Tidake, Darshana H. Wani, Tushar M. Phalke, Priyanka D. Pote, Mayuri S. Borbane, Rushikesh V. Khorde, Shilpa S. Biradar, Dr. U. S. Desai, Dr. K.S. Shaikh	Journal of Emerging Technologies and Innovative Research (JETIR)	2023	2349-5162	Google scholar
83	Method Development and Validation of Stability-Indicating HPTLC Method for Determination of Brivaracetam	KORDE KT1* AND PIMPLE SS2	International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)	2023	2277-4998	Web of Science
84	Isolation and Characterisation of Nateglinide and its impurity in Bulk and Marketed Formulation by HPTLC Method	Patil Pallavi M1 *, Mayur Tekade ² , Samiksha Agarkar	Research J. Pharm. and Tech.	2023	0974-360X (Online) 0974-3618 (Print)	Scopus, Embase
85	Mitochondrial dysfunction and oxidative stress in Alzheimer's disease, and Parkinson's disease, Huntington's disease and Amyotrophic Lateral Sclerosis -An updated review	Taha Alqahtani, Sharada L. Deore, Anjali A. Kide, Bhavana A. Shende, Ritika Sharma, Rita Dadarao Chakole, Lalita S. Nemade, Nikita Kishor Kale, Sudarshana Borah, Savita Shrikant Deokar, Ashok Behera, Divya Dhawal Bhandari, Nikita Gaikwad, Abul Kalam Azad, Arabinda Ghosh	Isevier B.V. and Mitochondria Research Societ	2023	1567-7249	Web of Science, Scopus





86	Quantification of Sildenafil citrate in bulk and dosage form by HPTLC by using hydrotopic agents	Vithal chopade, Pooja Wadgave, Sheetal Chaudhari, Mnisha Salunkhe, Vrushali Kharate, Pratiksha Suryawanshi, Ashwini P Shewale, Sayyed Gaffar, Nilesh Jadhav, Sanjay Garje, Rajanikant Kakade, Ashok Jagdale, Atul Barvkar	European Chemical Bulletin	Jun-23	2063-5346	Scopus, DOAJ
87	Supramolecular Drug Delivery	Rushikesh V Khorde, Mayuri S Borbane, Tushar M. Phalke, Darshana H Wani, Gaurav A Mahajan, Yashoda N Tidake, U C Galgatte, Ujwala S Desai	Journal For Basic Sciences	2023	1006-8341	Scopus
88	Role Of Neuropeptides In Human Behaviour	Padmaja Kore *, Abhijit Deshmukh, Ganesh Pore, Surabhi Shinde, Prajakta Tambe and Pradnya Khetbude	International Journal of Pharmaceutical Sciences and Research (IJPSR)	2023	E-ISSN: 0975-8232; P-ISSN: 2320-5148	Scopus (2016), Embase
89	Chemical fingerprinting of Curcumin and Berberin in selected Ayurvedic formulation and herbs recommended for skin infection	Kalyani S. Kakad, Nawale S, Malode SS, Nemmaniwar AS, Dhole ON, Raut PL	International Journal of Biology, Pharmacy and Allied sciences	2023	2277-4998	Web of Science
90	Exploration of anti-atherosclerotic activity of origanum majorana L. In experimental animals with high-fat diet-induced atherosclerosis	D. V. Katkar, S. F. Abhang, B. P. Pimple and S. S. Nipate	International journal of pharmaceutical sciences and research	2023	E-ISSN: 0975-8232; P-ISSN: 2320-5148	Scopus (2016), Embase
91	Anti-arthritis potential of ethyl acetate fraction of Pinus roxburghii Sargent stem bark in Freund's complete adjuvant induced arthritis in Wistar rats	Pratiksha Hajare Vaishali Rai Sonali Nipate Aishwarya Balap Bhushan Pimple Deshraj Chumbhale Asmita Gaikwad Harshal Tare	Multidisciplinary science journal	2023	Issn 2675-1240	Scopus



92	A Review Of The Relationship Between Antidepressants And Suicide Risk	Padmaja Kore * , Pradnya Khelbude, Surabhi Shinde, Abhijit Deshmukh, Prajakta Tambe and Ganesh Pore	International Journal of Pharmaceutical Sciences and Research (IJPSR)	2023	E-ISSN: 0975-8232; P-ISSN: 2320-5148	Scopus (2016), Embase
93	Anticatalytic effect of Xanthium Strumarium Hydroalcoholic Extractin Laboratory Animals	Kore PS*, Kalaskar S, Jachak D, Jadhav S, Patil D, Patil S, Kuchekar M	International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)	2023	2277-4998	Web of Science
94	A review on phytochemicals and pharmacological Activities reported for tagetes erecta	Kore P* , Shinde S , Pore G , Tambe P And Bandawane D*	International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)	2022	2277-4998	Web of Science
95	A review on phytochemicals and pharmacological activities for musa paradisiaca linn.	Kore P* , Pore G, Shinde S, Tambe P And Bandawane D	International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)	2022	2277-4998	Web of Science
96	A Review On Pharmacology And Phytochemistry Of Portulaca Oleracea	Kore P.S , Tambe P, Pore G, Shinde S, Bandawane D D	International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)	2022	2277-4998	Web of Science
97	Anticatalytic Effect Of Xanthium Strumarium Hydroalcoholic Extractin Laboratory Animals	Kore P.S , Kalaskar S , Jachak D , Jadhav S , Patil D , Patil S And Kuchekar M	International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)	2022	2277-4998	Web of Science



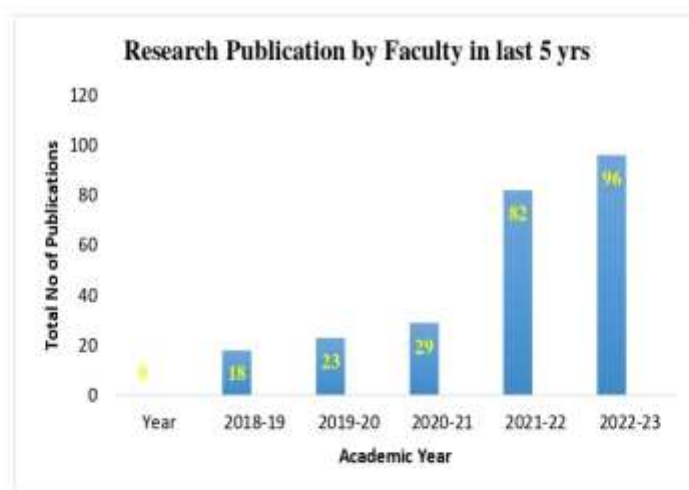

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❖ **Summary of Research Paper Publications:-**

Table 1:- Total No of Research Paper Publications :

Sr No	Academic Year	No of Research Paper Publications
1	2018-19	18
2	2019-20	23
3	2020-21	29
4	2021-22	82
5	2022-23	96
6	Total	248



Graph of Total No of Research Paper Publications in last 5 years




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Total No of Publications as per vidwan.com under the name of PES Modern College of Pharmacy, Yamunanagar Nigdi, Pune-44

Total No of Publications	696
Average No of Publications	16.57
Max No of Publication by Faculty	246
Min No of Publication by Faculty	0



No of Publications in Institute



For the additional information refer the following link

<https://mcop.irins.org/>




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Books and Books Chapters published by the faculty

**● Books and Books Chapters published by the faculty****Books Published by Faculty**

Sr. No	Name of Teacher	Title of Book	Year
1	Dr.V.V.Chopade	Pharmaceutical Analysis	2018-19
2	Dr.P.S.Uttekar	Computer Application in Pharmacy	2018-19
3	Dr.Chopade V.V.	Pharmaceutical Inorganic Chemistry-	2018-19
4	Ms .M.T.Harde	Biochemistry	2018-19
5	Dr.Chopade V.V.	Environmental Science	2018-19
6	Dr.Chopade V.V.	Pharmaceutical Analysis-I	2018-19
7	Dr. Pallavi Patil	Instrumental Method Of Analysis	2020-21
8	Dr.Mohini Kuchekar	Pharmacognosy and Phytochemistry-II	2020-21
9	Dr.Atul Phatak	Lab manual of physical pharmaceutics I&II	2020-21
10	Dr.Minal Harde	Quality Assurance	2020-21
11	Dr.P.D.Chaudhari	Industrial Pharmacy -I	2020-21
12	Ms.Shital Patil	Pharmaceutical Validation	2020-21
13	Ms. Shital Patil	A textbook of Pharmaceutical Manufacturing technology	2020-21
14	Dr. Chopade V.V	Pharmaceutical Regulatory Science	2020-21
15	Dr.Padmaja S.Kore Dr.Anuradha More	Therapeutic Benefits of medicinal herbs	2021-22
16	Dr.Padmaja S.Kore Dr.Anuradha More & Dr.P.D.Chaudhari	Advances in pharmaceutical and Biomedical sciences	2021-22
17	Dr.Padmaja S.Kore	Current approaches on COVID-19	2021-22
18	Dr.P.D.Chaudhari	A practical book of pharmaceutical formulation	2021-22
19	Dr. Padmaja Kore	Cellular and molecular pharmacology	2021-22
20	Dr. Padmaja Kore	Advances in Pharmaceutical Sciences	2021-22
21	Dr. Padmaja Kore	Therapeutic application of potential herbs Vol-1	2021-22
22	Dr.P.D. Chaudhari	Pharmaceutics - For first year Diploma in pharmacy	2021-22
23	Dr.Vittal Chopade	Quality control & standardization of herbals	2022-23
24	Dr.Vittal Chopade	Pharmaceutic Organic Chemistry -II	2022-23

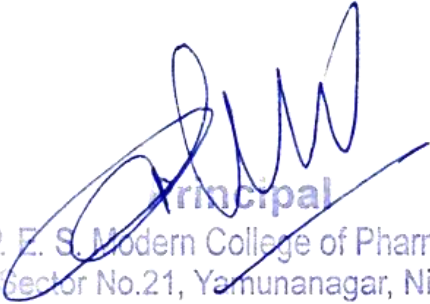


Criteria 7: Institutional Values and Best Practices



25	Dr. Kuchekar M.C.	Dietary supplements & nutraceuticals	2022-23
26	Dr. Padmaja Kore	Principles Of Drug Discovery	2022-23
27	Dr. Patil P.M, vithal chopde.	Pharmaceutical Organic Chemistry -III	2022-23
28	Dr. Upendra Galgatte	Regulatory Affairs	2022-23
29	Dr. smitha sadar , Dr. Padmaja Kore , Dr. Anuradha More	The microbial world exploring the diversity of bacterial	2022-23
30	Ms. Nikita K. Kale	A Textbook of Organic Chemistry	2023




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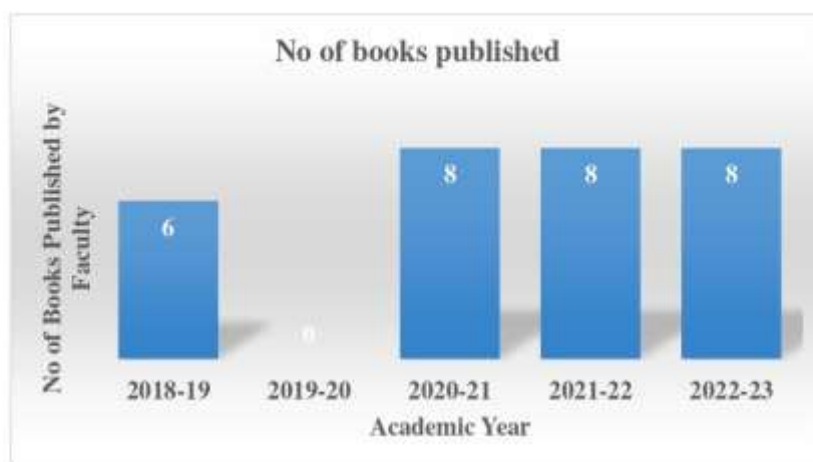


Summary of Books Published by Faculty:-

Summary of Books Published by Faculty:-

Department:- Library Books Published by Faculty

Sr. No	Academic Year	No. of Books Published by Faculty
1	2018-19	06
2	2019-20	-
3	2020-21	08
4	2021-22	08
5	2022-23	08
Total	(5 Years)	30



Graph of Books Published by Faculty




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**Book Chapters Published by Faculty**

Sr. No	Name of Teacher	Title of Book	Title of Chapter	Year	National/ International
1	Dr.D.D.Bandawane	Advances in Biomedical Experimental Techniques in Pharmaceutical Assays	Screening methods for drugs acting on renal system	2018-19	International
2	Dr.D.D.Bhandawan	Advances in Biomedical Experimental Techniques in Pharmaceutical Assays	Anti-diarrhoeal screening (in vivo and in vitro methods)	2018-19	International
3	Dr.Bhushan Pimple	Science of Spices and Culinary Herbs - Latest Laboratory, Pre-clinical, and Clinical Studies	Origanum Majorana: The Fragrance of Health	2020-21	International
4	Dr.Bhushan Pimple	Science of Spices and Culinary Herbs - Latest Laboratory, Pre-clinical, and Clinical Studies	Therapeutic Activities of Nutmeg (Myristica fragrance)	2020-21	International
5	Dr.Bhushan Pimple	Science of Spices and Culinary Herbs - Latest Laboratory, Pre-clinical, and Clinical Studies	Piper nigrum (Black pepper): A Flavor for Health	2020-21	International
6	Dr. Sonali S Nipate	Bioadhesive in drug delivery	Nasal bioadhesive drug delivery system and their application	2020-21	International
7	Dr. Sonali S Nipate	Advanced 3D printed systems and nanosystems for drug delivery and tissue engineering	Cellulosic material as bioinks for 3D printing applications	2020-21	International
8	Dr. Padmaja Santosh Kore	Research Trends in Medical Sciences	A Review on Immuno-Oncology: Life Saver for Cancer Patients	2020-21	National
9	Dr. Padmaja Santosh Kore	Recent Advances in Pharmaceutical Sciences (Volume - 4)	A Review on Challenges in Antiviral Drug Therapy	2020-21	National
10	Dr. Padmaja Santosh Kore	Recent Advances in Pharmaceutical Sciences (Volume - 4)	Recent Trends in Vaccine Development	2020-21	National
11	Dr. Padmaja Santosh Kore	Advanced Review and Research in Pharmaceutical Science	A Review on Nano-Cosmeceuticals	2020-21	National
12	Dr. Padmaja Santosh Kore	Advanced Review and Research in Pharmaceutical Science	Automation in Pharmaceutical Industry	2020-21	National



Criteria 7: Institutional Values and Best Practices



13	Dr. Atul Anand Phatak	Trends in Pharmaceutical Research and Development	Study on the development and evaluation of novel Modified release prillet-based system for delivery of Desloratidine and Pseudoephedrine Hydrochloride	2020-21	International
14	Dr Pallavi M Patil	Advanced Review and Research in Pharmaceutical Science	"A Review on Meta-Analysis of Randomized Controlled Trials on the Clinical Effectiveness and Safety of Remdesivir in Patients with Covid 19 Caused by SARS-COV-2"	2021-22	National
15	Dr Pallavi M Patil	Advances in Agriculture Sciences	Review on Agrochemicals on Human Bodies"	2021-22	National
16	Dr.Vittal Chopade	Colorimetry	A Digital Image-Based Colorimetric Technique Use for Quantification of Green Active Pharmaceuticals Obtained from Natural Sources	2021-22	International
17	Dr. Kalyani Shrinivas Kakad	Recent Advances in Pharmaceutical Sciences	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	2021-22	National
18	Dr. Kalyani Shrinivas Kakad	Recent advances in pharmaceutical sciences volume - 8	Recent Advances in Microfluidics for Drug Screening and Its Applications	2022-23	National
19	Dr. Ujwala Desai	Recent Advances in Pharmaceutical Sciences	Review article: ophthalmic niosomal in situ gel	2022-23	National
20	Dr. Padmaja Kore	The Microbial World: Exploring the Diversity of Bacteria	Prevotella histicola	2022-23	International
21	Dr. Padmaja Kore	The Microbial World: Exploring the Diversity of Bacteria	Prevotella denticola	2022-23	International
22	Dr. Padmaja Kore	The Microbial World: Exploring the Diversity of Bacteria	Prevotella micans	2022-23	International
23	Dr. Padmaja Kore	The Microbial World: Exploring the Diversity of Bacteria	Prevotella bryantii	2022-23	International
24	Dr. Padmaja Kore	The Microbial World: Exploring the Diversity of Bacteria	Prevotella fusca	2022-23	International

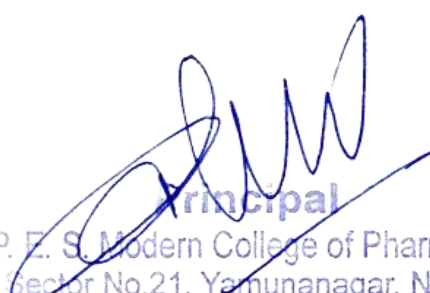


Criteria 7: Institutional Values and Best Practices



25	Dr. Padmaja Kore	The Microbial World: Exploring the Diversity of Bacteria	Prevotella albensis	2022-23	International
26	Dr. Padmaja Kore	The Microbial World: Exploring the Diversity of Bacteria	Prevotella saccharolytica	2022-23	International
27	Dr. Anuradha More	The Microbial World: Exploring the Diversity of Bacteria	Prevotella brevis	2022-23	International
28	Dr. Anuradha More	The Microbial World: Exploring the Diversity of Bacteria	Prevotella bivia	2022-23	International
29	Dr. Anuradha More	The Microbial World: Exploring the Diversity of Bacteria	Prevotella timonensis: Pathogenicity and Immune Response	2022-23	International
30	Dr. Anuradha More	The Microbial World: Exploring the Diversity of Bacteria	Prevotella loescheii	2022-23	International
31	Dr. Anuradha More	The Microbial World: Exploring the Diversity of Bacteria	Prevotella pallens	2022-23	International
32	Dr. Anuradha More	The Microbial World: Exploring the Diversity of Bacteria	Prevotella buccalis	2022-23	International
33	Dr. Anuradha More	The Microbial World: Exploring the Diversity of Bacteria	Prevotella amnii	2022-23	International




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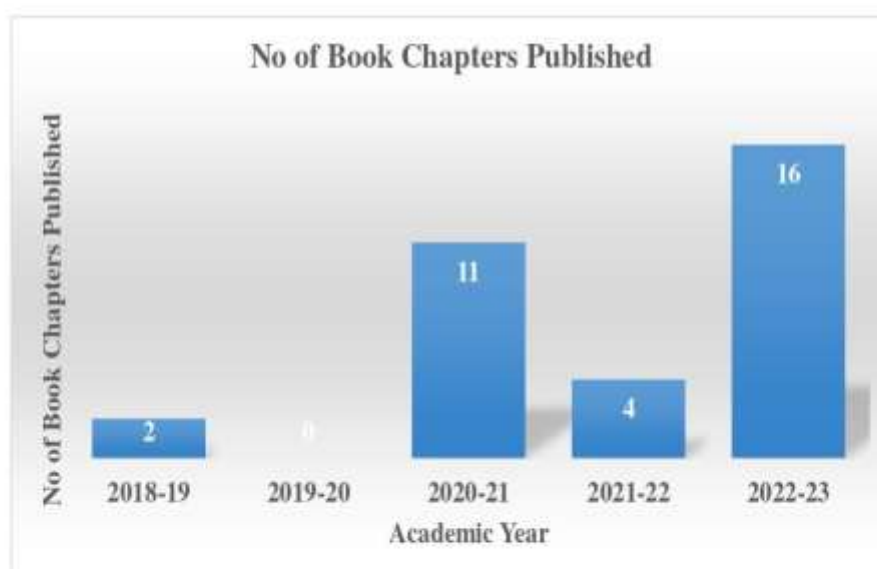


Summary of Book Chapters Published by Faculty

Summary of Book Chapters Published by Faculty

Department:- Library Book Chapters published by Faculty

Sr. No	Academic Year	No. Of Book Chapters published by Faculty
1	2018-19	02
2	2019-20	00
3	2020-21	11
4	2021-22	04
5	2022-23	16
Total	(5 Years)	33



Graph of Book Chapters Published by Faculty




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Academic Year 2018-19

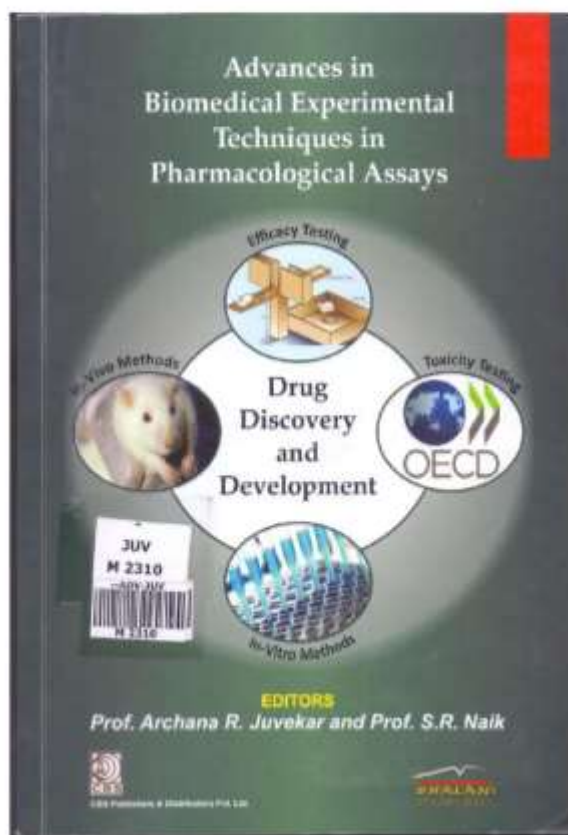
Book Name:-Advances in Biomedical Experimental Techniques in Pharmaceutical Assays

1. Book Chapter:-Screening methods for drugs acting on renal system

Academic Year 2018-19

Book Name:-Advances In Biomedical Experimental Techniques In Pharmaceutical Assays

1. Book Chapter:-Screening methods for drugs acting on renal system

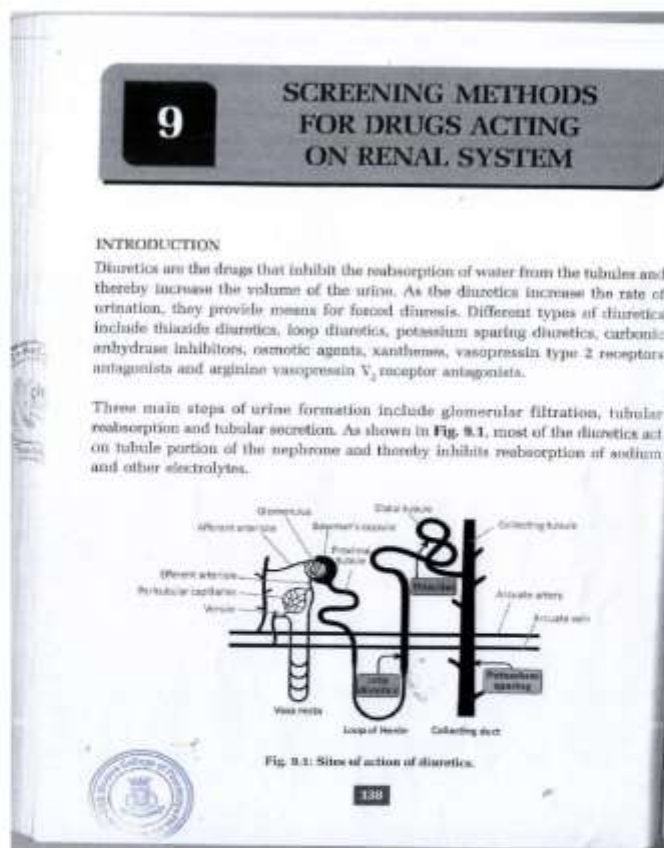


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Book Chapter:-Screening methods for drugs acting on renal system(Deepti D Bandawane)

Book Chapter:-Screening methods for drugs acting on renal system(Deepti D Bandawane)



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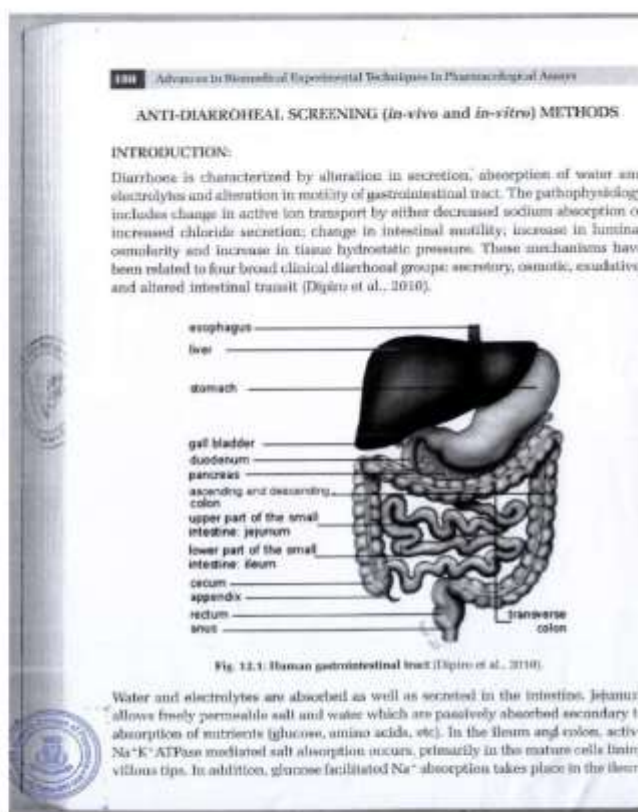


Book Name:-Advances in Biomedical Experimental Techniques in Pharmaceutical Assays

2. Book Chapter:-Anti-diarrhoeal screening (in vivo and in vitro methods)(Deepti D Bandawane)

Book Name:-Advances in Biomedical Experimental Techniques in Pharmaceutical Assays

2. Book Chapter:-Anti-diarrhoeal screening (in vivo and in vitro methods)(Deepti D Bandawane)



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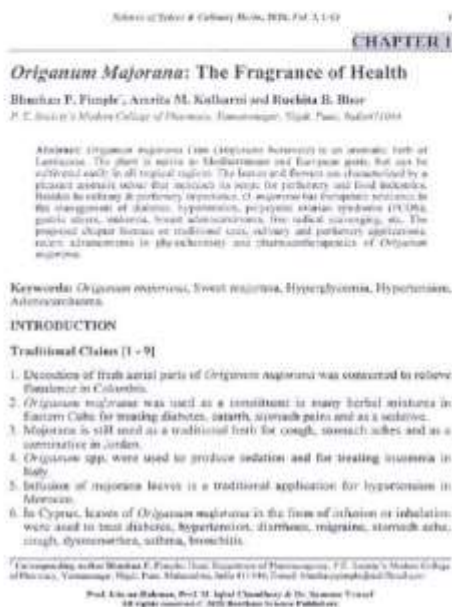


Academic Year 2020-21

3. Origanum Majorana: The Fragrance of Health

Academic Year 2020-21

3.Origanum Majorana: The Fragrance of Health




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4. Therapeutic Activities of Nutmeg (Myristica fragrance)

4. Therapeutic Activities of Nutmeg (Myristica fragrance)




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5. Piper nigrum (Black pepper): A Flavor for Health

5. Piper nigrum (Black pepper): A Flavor for Health

24

Science of Spices & Culinary Herbs, 1828, Vol. 2, 24-38

CHAPTER 2

Piper nigrum (Black pepper): A Flavor for Health

Rhushan P. Pimple¹, Amrita M. Kulkarni and Ruchita B. Bhor

¹ P. E. Society's Modern College of Pharmacy, Yamunanagar, Nigdi, Pune, India

Abstract: *Piper nigrum* is an indigenous extensive vine of Piperaceae. It is predominantly cultivated in the humid and subtropical climate of Western Ghats of India, mainly in Konkarn and Kerala. The berries of black pepper are developed on axillary stalks. The berries are waxy and turn brownish-black on ripening and are strongly aromatic and pungent. The tolerable aroma of the black piper is exploited in culinary preparations across the globe. Traditionally, it is used as a stimulant, antipyretic, analgesic, antileish, and as a bioavailability enhancer. Consequently, the manifold use of black pepper has augmented its commercial and medicinal importance. Principle ingredients are alkaloids such as piperine, piperlongumine, and piperlonguminine. Recent research proves its beneficial role in the management of hyperlipidemia, obesity, cardiovascular complications, diabetes, etc. The proposed chapter will specifically highlight the physicochemical and pharmacological advancements in the research related to *Piper nigrum*.

Keywords: Black pepper, Bioavailability enhancer, *Piper nigrum*.

INTRODUCTION (FIGS. 1 - 3)

Vernacular Names

Hindi: *Pipor, pipalmand*

Marathi: *Pipali*

Tamil: *Kondam, Ippali, pppali, thippali*

Telugu: *Pippalla*

Urdu: *Pippal*

Gujarati: *Pipli*

¹ Corresponding author Rhushan P. Pimple, Department of Pharmacognosy, P.E. Society's Modern College of Pharmacy, Yamunanagar, Nigdi, Pune, Maharashtra, India. Tel: +91970830310, E-mail: rhushanpimple@gmail.com

Atiyaar-Rahman, M. Iqbal Choudhary & Sumera Vimal
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6. Nasal bioadhesive drug delivery system and their application

6. Nasal bioadhesive drug delivery system and their application

10

Nasal Bioadhesive Drug Delivery Systems and Their Applications

Ravindra V. Badhe^{1*} and Sunali S. Sipate²

¹Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune, Maharashtra, India
²P. E. Society's Modern College of Pharmacy, Nigdi, Pune, Maharashtra, India

Abstract

The major challenges faced by the formulation scientists for the oral delivery of low dose and bio-macromolecular medications are their high first-pass hepatic clearance and low absorption, respectively. These challenges lead to the development of many alternative drug delivery routes in addition to most common injection route. The examples of major alternative drug delivery systems are Transdermal (microneedle, iontophoresis, patches, and sprays), Intravitreal, Sublingual, Rectal suppositories, Vaginal, Pulmonary (powders and aerosols) and Intranasal (drops, sprays, solutions, gels and powders).

Intranasal drug delivery is a well-known drug delivery route and has been extensively explored for the delivery of low dose drugs like drugs acting on Central Nervous System (CNS), hormones, nicotine substitutes, etc. Intranasal route has very large mucosal surface area facilitating rapid absorption of drugs. It bypasses the first-pass hepatic clearance of the drugs and the administration of the formulation is done through easily accessible non-invasive route (nasal cavity). Thus, it can facilitate local, systemic and CNS drug delivery and holds the advantages like fast action, low dose of drug required, high patient compliance and it is self-administrable.

In this chapter, the advancement in intranasal drug delivery formulations is discussed with focus on the role of mucoadhesive materials in them.

Keywords: Intranasal drug delivery, mucoadhesive materials, fast acting drug delivery systems, bio-adhesive, CNS delivery, Blood Brain Barrier (BBB)

*Corresponding author: ravindra.badhe@dypr.edu.in; badhevv2@gmail.com

K.S. Minhal, L.S. Bakshi and J. K. Narang (eds.), *Bioadhesives in Drug Delivery*, (2019-2020) © 2020, Scirence Publishing LLC



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7. Cellulosic material as bioinks for 3D printing applications

7. Cellulosic material as bioinks for 3D printing applications

Cellulosic materials as bioinks for 3D printing applications

5

Balindora V. Badhe¹, Sonali S. Nigate²

¹Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri Chinchwad, Maharashtra, India; ²P. E. Society's Modern College of Pharmacy, Pune, Maharashtra, India

1. Introduction

Regenerative medicine (RM) is a branch of biomedical engineering with research spanning from *in-vitro* techniques like organoid development, functional tissue development, organ-on-chip to *in-vivo* therapeutic techniques like skin printing, artificial pancreas, and bone fracture healing. It is based on three main pillars, biocompatible 3D scaffold development, biochemical signals, and stem cell/differentiated cell interaction with scaffold [1,2]. Each pillar is very important to develop a successful regenerative therapy or technique. The biodegradable and biocompatible 3D scaffolds are generally developed from biopolymers. The important characteristics which need to be possessed by biopolymer for developing a 3D scaffold are, it should mimic extracellular matrix (ECM) by supporting (biocompatible) the seeded cells, biodegrading (or stable over) in specific time without leaving harmful by-products and should have sufficient mechanical strength [3–5].

The most convenient way to construct 3D scaffolds using various biomaterials is additive manufacturing (AM). AM is also known as 3D printing, and it is the most upcoming technology having versatile applications involving designing and production of 3D structures developed for niche vehicles, consumer products, medical, and aerospace. 3D printing technology is widely being used in niche vehicles and consumer product industries. The advantages of this technology, like affordability and freedom in designing of medical product, equipment, or tool, were noted by the researchers. This technology delivers the product of highest quality of safety, precision, and cure; thus nowadays this technique is extensively studied for biomedical applications [6,7].

In medicine, AM is being explored for 3D printing of metallic, polymeric, ceramic-based prosthetics, implants, and formulations. Whereas in RM, it is used together with a 3D bioprinter or bioplotter for top-down and bottom-up approach of tissue regeneration. For both approaches specialized bioinks are used which are carefully developed using natural, semi(natural) (natural+natural), natural+synthetic or synthetic+synthetic cross-linked or noncross-linked blends or synthetic biopolymers. Bottom-up approach uses cell-laden bioinks to construct 3D architecture, whereas top-down approach uses biomaterials to construct 3D structure on which cells are seeded (Fig. 8.1).

The casting of 3D scaffolds for RM can be done using techniques such as laser-assisted bioprinting, stereolithography, inkjet bioprinting, extrusion-based bioprinting,

Approved 3D Printed Academic and Professional for Drug Delivery and Tissue Engineering
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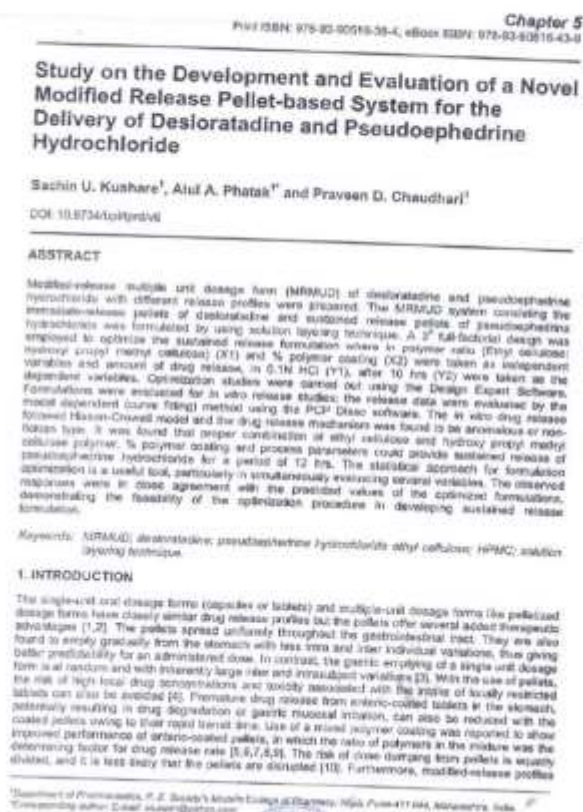



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13. Study on the development and evaluation of novel Modified release pellet-based system for delivery of Desloratadine and Pseudoephedrine Hydrochloride

13. Study on the development and evaluation of novel Modified release pellet-based system for delivery of Desloratadine and Pseudoephedrine Hydrochloride




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17.A Digital Image-Based Colorimetric Technique Use for Quantification of Green Active Pharmaceuticals Obtained from Natural Sources

16.A Digital Image-Based Colorimetric Technique Use for Quantification of Green Active Pharmaceuticals Obtained from Natural Sources



Chapter

A Digital Image-Based Colorimetric Technique Use for Quantification of Green Active Pharmaceuticals Obtained from Natural Sources

Vitthal V. Chopade and Jayashri V. Chopade

Abstract

Colorimetry is the determination of colors, as same indicates. This method can use for to find out the concentration of compound (solute) in a colored solution in terms of chemical analysis (solvent). We frequently used to quantify the quantity of a specific component in a combination or the concentration of a solution during scientific activity. The trick is to determine the color difference between various combinations and their absolute values. This is more instructive and scientifically valuable than relying on subjective judgments like the color of the solution. Colorimetry is the measurement of colors, as the same implies. It is the measurement of the concentration of a certain compound (solute) in a colored solution in terms of chemical analysis (solvent). We frequently used to quantify the quantity of a specific component in a combination or the concentration of a solution during scientific activity. The trick is to determine the color difference between various combinations and their absolute values. This is more instructive and scientifically valuable than relying on subjective judgments like the color of the solution. Colorimetry is used in a digital image-based (DIB) approach for determining active medicinal components. A computerized scanner with a controlled light intensity was connected to the detector. Different histograms were used to transform the photos. The colorimetric analysis of digital images provided for an easy-to-use and ecologically friendly method.

Keywords: colorimeter, digital image-based (DIB) colorimetric analysis, quantification of color, UV-vis spectrophotometer, reflectance spectrophotometer, green active pharmaceuticals

1. Introduction

When a light of monochrome with intensity (I_0) passes from a solution, a portion of the light is reflected (I_r), a portion is absorbed (I_a), and the rest is transmitted (I_t). Thus,

$$I_0 = I_r + I_a + I_t = I_t$$



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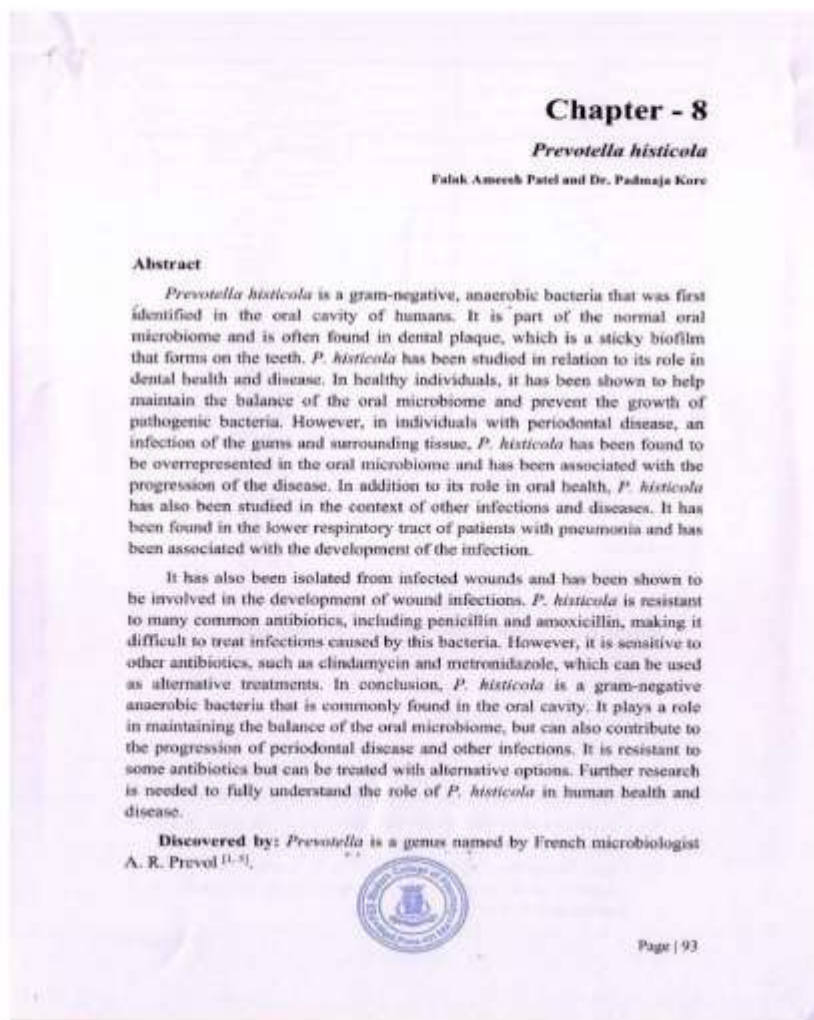


Academic year 2022-23

21. Prevotella Histicola

Academic year 2022-23

20. Prevotella Histicola




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22. Prevotella Denticola

21. Prevotella Denticola

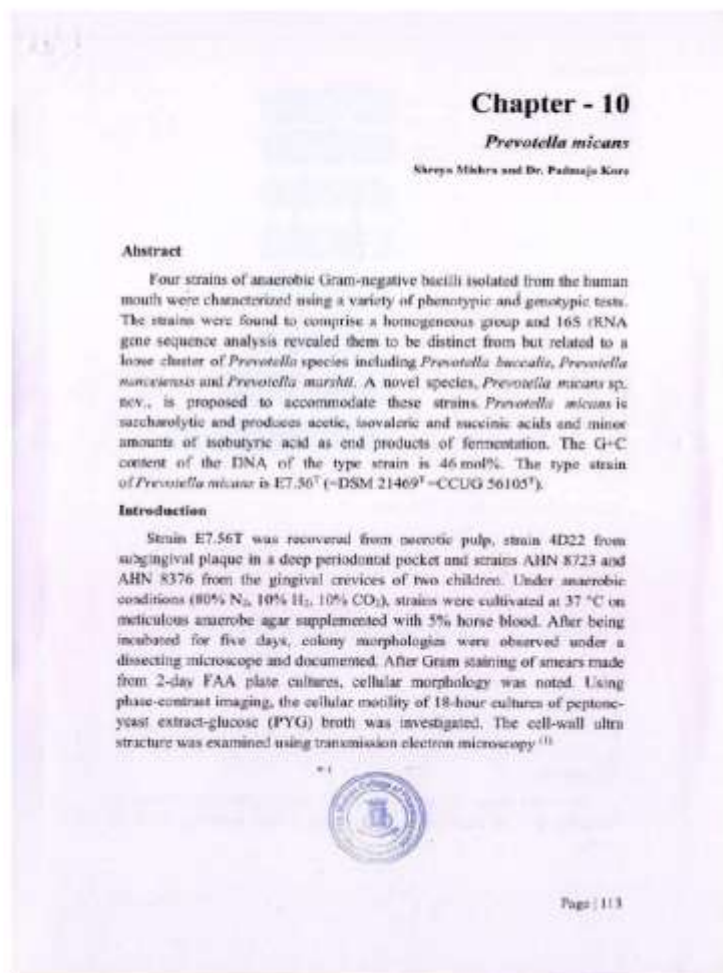



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23. Prevotella micans

22. Prevotella micans

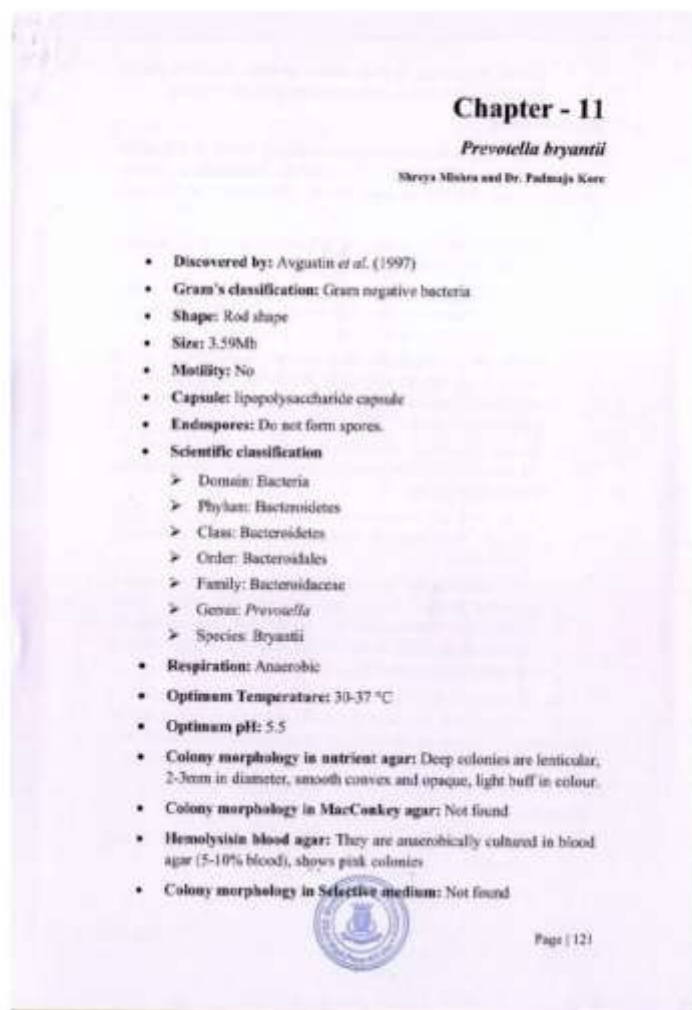



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23. Prevotella bryantii

23. Prevotella bryantii

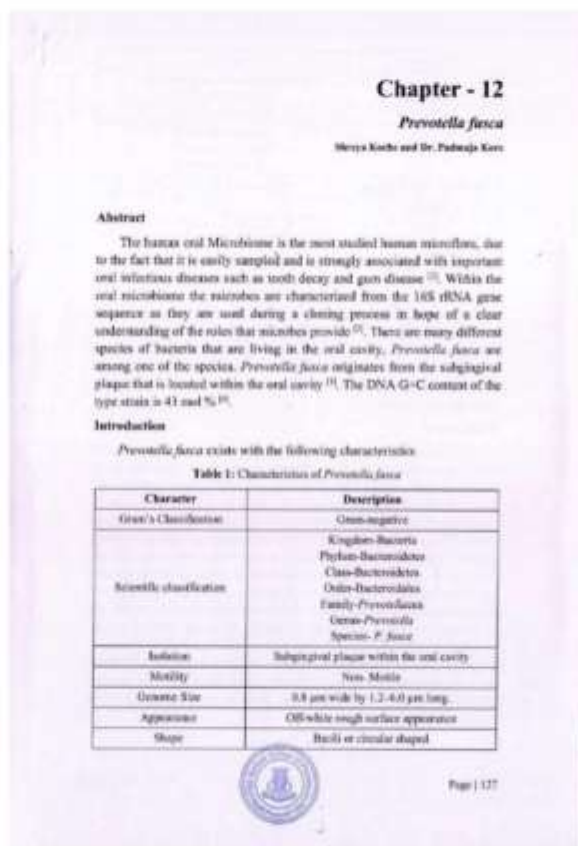



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24. Prevotella fusca

24. Prevotella fusca

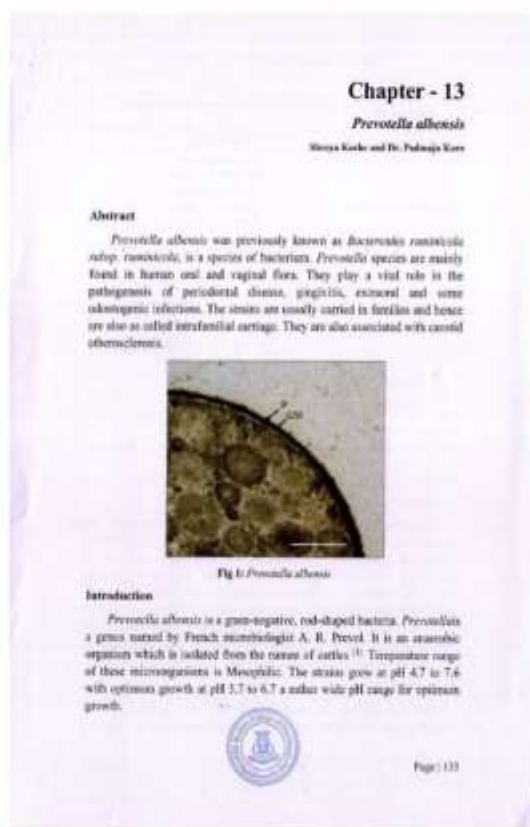



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25. Prevotella albensis

25. Prevotella albensis

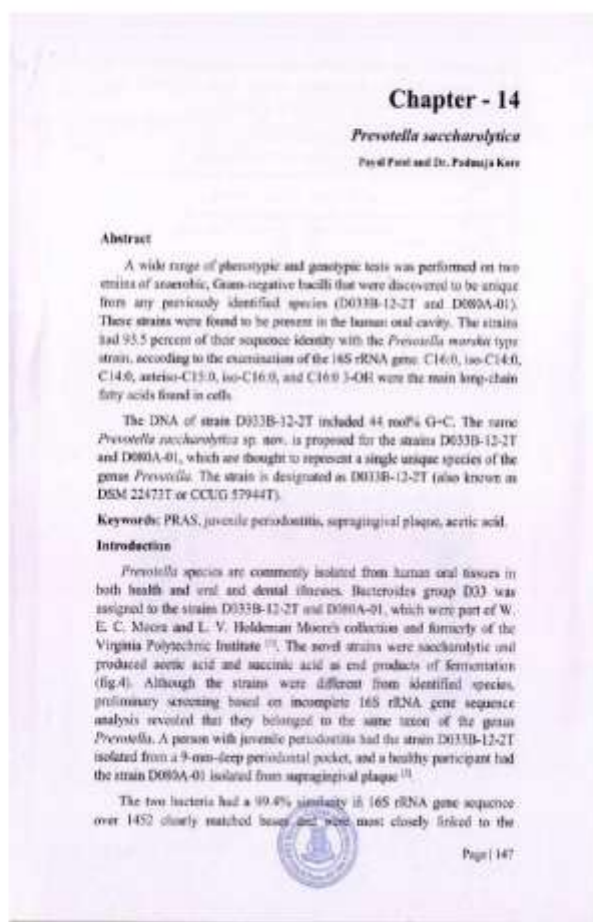



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26. Prevotella saccharolytica

26. Prevotella saccharolytica

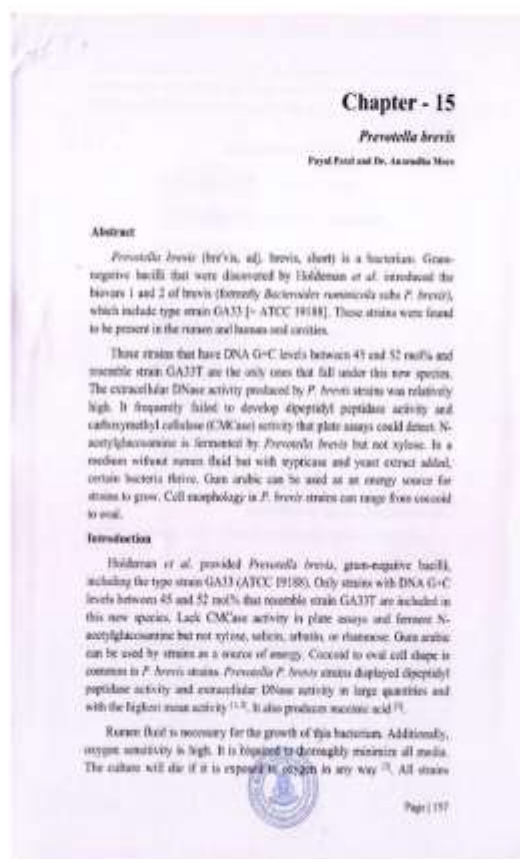



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27. *Prevotella brevis*

27. *Prevotella brevis*




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28. Prevotella bivia

28. Prevotella bivia




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29. Prevotella timonensis: pathogenicity and Immune Response

29. Prevotella timonensis: pathogenicity and Immune Response




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30. Prevotella loeschii

30. Prevotella loeschii

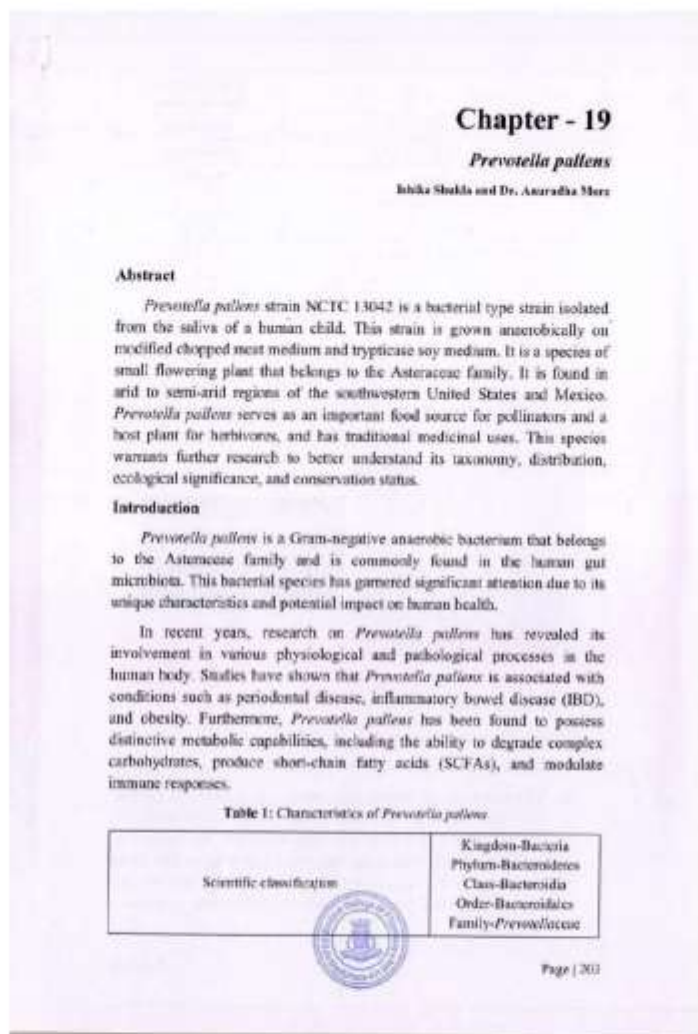



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31. Prevotella pallens

31. Prevotella pallens

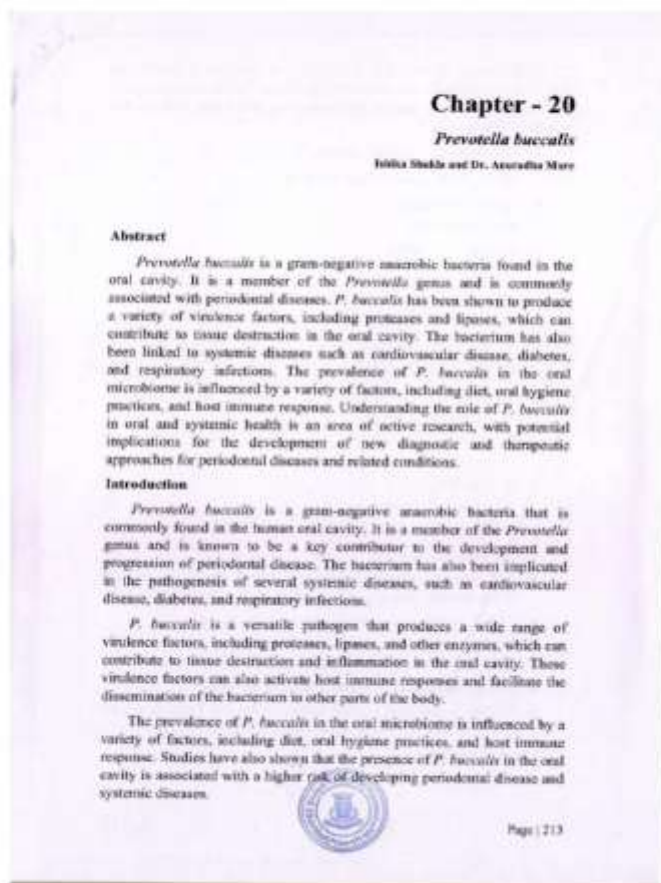



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32. Prevotella buccalis

32. Prevotella buccalis




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33. Prevotella amnii

33. Prevotella amnii



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