

ORIENTAL EDUCATION SOCIETY'S  
**ORIENTAL COLLEGE OF PHARMACY**

(Approved by PCI, D.T.E, Affiliated to University of Mumbai & Certified by ISO 9001:2015)  
NAAC ACCREDITATION WITH 'A' GRADE



### IQAC Summary Report 2023-24

The Internal Quality Assurance Cell (IQAC) has undertaken various initiatives during the academic year to promote institutional growth and quality enhancement. Key achievements of the college in the academic year 2023-24. The institution achieved a significant milestone by securing an **A grade** during the NAAC accreditation process, reflecting its commitment to excellence in education and institutional growth. Also, Efforts to improve access to government scholarship programs resulted in **71% of students receiving scholarships**, easing their financial burden and encouraging academic progression. A series of seminars and webinars were organized to cultivate a research-driven mindset among students and faculty, fostering a stronger academic and research environment. Also, the institution successfully conducted a **Quality Improvement Program (QIP)** for non-teaching staff, enhancing their skills and ensuring better administrative and technical support. The institution's focus on academic achievement was validated as students from the **B. Pharm & M.Pharm departments secured top ranks** at the University of Mumbai. **Guidance sessions** were organized for prospective B. Pharm and M. Pharm aspirants, helping them make informed academic and career decisions. The institution expanded its network by maintaining **23 active MoUs** with industries and academic institutions, enabling opportunities for collaboration, internships, and knowledge exchange. The institution's efforts to promote innovation led to **three patents being filed**, one of which was successfully commercialized, demonstrating the real-world impact of research initiatives. Comprehensive **electrical and green audits** were conducted through private agencies, showcasing the institution's commitment to sustainable practices and operational efficiency.

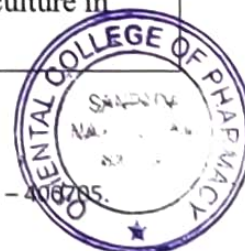
In conclusion, the IQAC has successfully implemented several initiatives during the year, aligning with its goal of fostering quality improvement across academic, research, and administrative domains. The outcomes of these efforts reflect the institution's dedication to achieving its vision of excellence and sustainability.

Plan of Action	Achievements/Outcomes
NAAC Accreditation	Successfully accredited by NAAC with an A grade
Accessibility of government scholarship	71% of students Successfully received scholarships.
To foster a stronger research culture by organizing a variety of activities.	Various seminars and webinars were organized to foster the research culture in student and faculty

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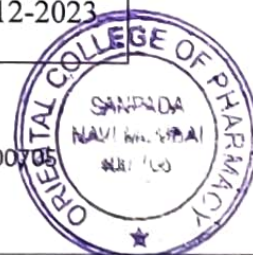


5.	AICTE Stipend for PG Students	5	750000	-	-
6.	Prime Minister Special Scholarship	8	1152000	-	-
7.	Ratan Tata Scholarship	-	-	8	645000
8.	Navi Mumbai Municipal Corporation	-	-	12	144000
9.	Kalsekar Educational Welfare Trust	-	-	14	24000
10.	PNB Housing Finance Protsahan Scholarship	-	-	1	25000
11.	TATA Memorial Hospital IMPACCT Foundation Scholarship	-	-	1	35000

**2. Number of Seminars/Conferences/Workshops/QIP conducted by the institution during the year 2023-2024**

SR.NO	Name of the workshop/ seminar/ conference	Number of Participants	Date
1	A field visit to the "Centre for Incubation and Business Acceleration"	34	29-05-2024
2	Webinar on "Prototype/Process Design and Development"	126	18-05-2024
3	Seminar on "Introduction to Intellectual Property Rights"	40	30-04-2024
4	Workshop on "Computational Modelling and QbD Approach for Pharmaceutical Product Development"	139	29-04-2024
5	Seminar on "Laws related to Women's Empowerment"	118	23-03-2024
6	Seminar on "Advances, Challenges and Opportunities in Herbal Drug Development"	158	16-03-2024
7	Seminar on "Pursuing Clinical Research after B. Pharm"	43	07-03-2024
8	"Career guidance session for TY and final on pursuing MBA"	85	04-03-2024
9	"Career Guidance session on Insights in ACGs Oral Dosage Technology"	93	19-12-2023

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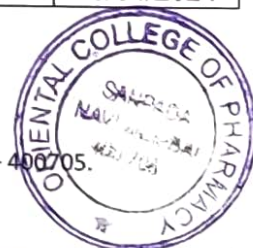




10	Seminar on "Fostering entrepreneurial mindset on education"	102	28-08-2023
11	"Career Guidance session on Study Abroad"	61	12-08-2023
12	"Orientation for entrance examinations- GPAT & NIPER"	101	11-07-2023

### 3. List of teachers undergoing online/face-to-face faculty development programs (FDP) during the year 2023-24

Sr. No	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates
1	Ms. Alveera Zubair Ansari	Assistant Professor	Five Days Online Faculty Development Program on Research Methodology & Techniques	05/02/2024 to 09/02/2024
s2	Ms. Shaikh Sanie Zehra	Assistant Professor	Five Days Online Faculty Development Program on Research Methodology & Techniques	05/02/2024 to 09/02/2024
3	Mrs. Kranti Patil	Assistant Professor	Five Days Online Faculty Development Program on Research Methodology & Techniques	05/02/2024 to 09/02/2024
4	Mr. Pawankumar Chopade	Assistant Professor	Five Days Online Faculty Development Program on Research Methodology & Techniques	05/02/2024 to 09/02/2024
5	Dr. Mangesh Tote	Assistant Professor	Five Days Online Faculty Development Program on Research Methodology & Techniques	05/02/2024 to 09/02/2024
6	Mrs. Sana Shaikh	Assistant Professor	Five Days Online Faculty Development Program on Research Methodology & Techniques	05/02/2024 to 09/02/2024
7	Dr. Manasi Gholkar	Assistant Professor	Faculty Development Program	22/04/2024 to 26/04/2024



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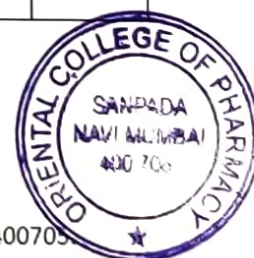
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8	Mr. Abhijit Kanavaje	Assistant Professor	Faculty Development Program	22/04/2024 to 26/04/2024
9	Mrs. Aparajita Patil	Assistant Professor	Faculty Development Program	22/04/2024 to 26/04/2024
10	Mrs. Vishakha Surve	Assistant Professor	Faculty Development Program	22/04/2024 to 26/04/2024
11	Mr. Vijay Ikale	Assistant Professor	Faculty Development Program	22/04/2024 to 26/04/2024
12	Mr. Shoaib Ansari	Assistant Professor	Faculty Development Program	22/04/2024 to 26/04/2024
13	Dr. Neenu Ganesh	Assistant Professor	Faculty Development Program	22/04/2024 to 26/04/2024
14	Ms. Swarnali Manik	Assistant Professor	Faculty Development Program	22/04/2024 to 26/04/2024
15	Mrs. Shreya Amilkanthwar	Assistant Professor	Faculty Development Program	22/04/2024 to 26/04/2024
16	Ms. Shaikh Sanie Zehra	Assistant Professor	One Week National e-FDP on "Empowering Academicians & Researchers in Mastering Grant Writing & Quality Publication	11/04/2024 to 16/04/2024

#### 4. Number of research papers in the Journals notified on the UGC website during the year

Sr.No	Title of paper	Name of the author/s	Name of journal	ISSN Number
1.	Microdosing (Phase 0 Studies): A valuable tool for accelerating drug development	Mr. Pavankumar Chopade	International Journal of Research and Analytical reviews	2349-5138



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2.	Validated Simultaneous HPLC Method For The Estimation Of Grazoprevir And Elbasvir	Mr. Pavankumar Chopade	Journal of Cardiovascular Disease Research	0975-3583
3.	Rp-Hplc Method Development And Validation For The Estimation Of Nelarabine In Bulk And In Injection	Mr. Pavankumar Chopade	Journal of Cardiovascular Disease Research	0975-3583
4.	Pass Online Screening For Activity, Insilico And Invitro Anti-Diabetic Activity Of Some Novel Thiazolidinone	Mr. Pavankumar Chopade	European Chemical Bulletin	2063-5346
5.	Recent Advances in Combating Acne with Novel Drug Delivery Systems: A Review	Mr. Melroy D'Sa	Drug Delivery Letters	2210-304X
6.	A Novel RP HPLC method for simultaneous estimation of Vilanterol trifenate, Umeclidinium bromide and Fluticasone furoate in inhalation dry powder formulation	Dr. Vandana Jain	Journal of Chromatographic Science	1945-239X
7.	Method Development And Validation Of Rapid Isocratic RP-HPLC Method For Simultaneous Estimation Of Paracetamol, Caffeine And Propyphenazone In Pharmaceutical Formulation	Dr. Vandana Jain	Asian Journal of Pharmaceutical and Clinical Research	2455-3891
8.	Synthesis And Anti-Caner Evaluation Of 7-Hydroxy-4- {[ (5-Methyl-1h-Benzimidazol-2-Yl) Sulfanyl] Methyl} -2h-Chromen-2-One Derivatives	Mr. Mangesh Tote	European Chemical Bulletin	2063-5346
9.	Diabetes Mellitus Manifestations and challenges in Post Covid-19 syndrome: A Critical Review	Dr. Ajay Kharche	Journal of Applied Pharmaceutical Science	2231-3354
10.	Amelioration In Approaches For Enhanced Pulmonary Drug Delivery	Mrs. Aparajita Patil	Asian Journal of Pharmaceutical and Clinical Research	2455-3891

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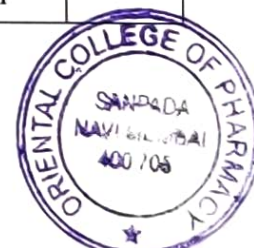


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11.	Gastrointestinal Protective Effect of Zizyphus Lotus (L) Wild Leaf Extract Against Indomethacin and HCl- EtOH Induced Ulcers	Dr. Amjad Ali	European Chemical Bulletin	2063-5346
12.	Development and validation of stability indicating method for the estimation of Aceclofenac in marketed formulation	Dr. Amjad Ali	European Chemical Bulletin	2063-5346
13.	Development and validation of quantitative estimation of pomalidomide in capsule dosage form by RP-HPLC	Dr. Amjad Ali	European Chemical Bulletin	2063-5346
14.	RP-HPLC method development and validation for estimation of darunavir in tablet dosage form	Dr. Amjad Ali	European Chemical Bulletin	2063-5346
15.	Synthesis of some novel benzimidazole derivatives as potential therapeutic agents	Dr. Amjad Ali	European Chemical Bulletin	2063-5346
16.	Design and Evaluation of Novel Drug Delivery System: To design and evaluate Paclitaxel-loaded solid lipid nanoparticles	Ms. Anjali Rai, Dr. (Mrs.) Sudha Rathod	International Journal of Pharmaceutical Research and Applications	2456-4494
17.	Novel Analytical Method Development and Validation for Simultaneous Estimation of Rosuvastatin and Bempedoic acid in Marketed Formulation using RP-HPLC	Dr. Vandana Jain	International Journal of Scientific Development and Research	2455-2631
18.	Novel RP-HPLC method for simultaneous estimation of Reserpine and piperine	Dr. Vandana Jain	International Journal of Pharmaceutical science and research	0975-8232



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**5. Books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the calendar year 2023**

Sl. No.	Name of the teacher	Title of the book/chapters published	ISBN/ISSN number of the proceeding	Name of the publisher
1	Dr. Sayyed Mateen Sayyed Moin	Textbook of Cell and Molecular Biology	978-93-5735-118-8	Pritam publications
2	Dr. Mohib Khan	Dietary Supplements and Nutraceuticals	978-93-5693-270-8	Himalaya Publishing House
3	Mr. Melroy D'Sa	Text Book of Communication skills	978-81-19238-73-6	Brillion publishing
4	Mr. Pavan Chopade	Pharmaceutical Organic Chemistry-II	978-81-19492-45-9	Mahi publications
5	Miss. Alveera Ansari	Industrial application of functional foods, ingredients and neutraceuticals	978-0-12-824312-1	Academic Press
6	Dr. Sayyed Mateen	Textbook of Computer Applications in Pharmacy	978-93-5735-162-1	Pritam publications

**6. Functional MoUs with national and international institutions, universities, industries, corporate houses, etc. during the year**

Sr. No	Name of the institution/ industry/ corporate house	Year of signing MoU	List the actual activities under each MOU year-wise	Number of students/teachers who participated under MoUs

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1	Shri. D.D Vispute College of Pharmacy and Research Centre	28-05-2024	Research related activities	01 Faculty,
2	Dortmund Lab. Pvt. Ltd.	28-05-2024	Internship of students	07 students
3	Fredun Pharmaceuticals Ltd	14-05-2024	1) Internship of students 2) API gift sample for M.Pharm research project	03 students
4	Lifesenz Cancer Research Lab Pvt. Ltd.	07-05-2024	1)Availing resources & facilities of Lifesenz for the research project. 2) Industrial visit for students, 3) Faculty training and research work	05 Faculty, 4. B Pharm student & 15 M.Pharm students & 2 PhD students
5	Konkan Gyanpeeth Rahul Dharkar College of Pharmacy and Research Institute	07-05-2024	Research related activities	2 M.Pharm students
6	Anchrom Enterprise India Pvt. Ltd. Mumbai, Maharashtra	01-05-2024	Workshop on qualification of HPTLC	45 M.Pharm students 8 faculty members
7	Dr. M. K. Rangnekar Memorial Testing Laboratory, Kalina, Mumbai	30-12-2023	Internship of students	03 students
8	SES's Yadvrao Tasgaonkar Institute of Pharmacy,	27-08-2023	Availing resources & facilities of OCP for the research project.	01 student
9	Simulations Plus, Inc.,	24-07-2023	Training of students	01 Faculty, 15 M.Pharm student
10	M5 Ventures	06-05-2023	Seminar on Fostering an entrepreneurial mindset in education	115 students
11	H. K. College of Pharmacy	06-05-2023	Research related activities	01 student
12	Bombay College of Pharmacy	18-03-2023	Academic council meeting	01 Faculty
13	IMCD India Pvt. Ltd	19-08-2022	API Gift sample for research	01 student

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14	Mind Spark Consultants	20-10-2022	Workshop on personality development	118 students
15	Lab India Pvt. Ltd.	16-08-2022	Hands on training session on FTIR	10 Faculty
16	Bharati Vidyapeeth College of Pharmacy	18/09/2023	Research related activities	01 Faculty
17	Pristyn Research Solution Pvt. Ltd.	08-11-2021	Research related activities	01 Faculty
18	Attari Brothers	28-10-2021	1) Industrial visit for students 2) Internship for students	1) 110 students 2) 08 students
19	Pharmax India Pvt Ltd	20-10-2021	1) Placement of student 2) Internship for students	1) 01 student 2) 06 students
20	Alarsin Pharmaceuticals	18-10-2021	Authentication of medicinal plants for research activity	01 student
21	Khandelwal Laboratories Pvt Ltd	29-09-2021	API Gift sample for research	01 student
22	Rubicon Skill Development Pvt. Ltd.	10-03-2021	Life skill training program	115 students
23	M/S Padmaja Aerobiological (P) Ltd.	20-03-2019	1) Gas chromatography demonstration 2) Internship for students	1) 45 students & 5 faculty 2) 05 students for internship



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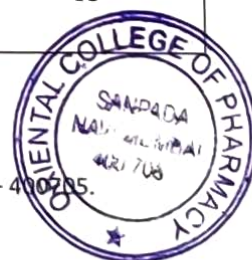


**7. Total Grants from Government and non-governmental agencies for research projects/endowments in the institution during the year.**

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government / non-Government)
Patent Commercialization (a) Castor Oil Emulgel (2384/MU/2014) (b) Minoxidil nanoemulgel for Alopecia (201821046743)	Dr. Sudha Rathod	2024	3L	15Y	Medrotics Innovations Private Limited	Non-government

**8. Different Extension activities are carried out in the neighbourhood community, sensitizing students to social issues, for their holistic development, and the impact thereof during the year 2023-24**

Sr.no	Name of the activity	Organizing unit/ agency/ collaborating agency	Name of the scheme	A number of students participated in such activities
1	OCP Dynasty Convivial Noon 2.0	University of Mumbai	DLLE	20
2	Civil Rights Day celebration	University of Mumbai	DLLE	15
3	Awareness of Menstrual Hygiene	University of Mumbai	DLLE	10
4	CPR training session	University of Mumbai	DLLE	115
5	International Human Solidarity Day celebration	University of Mumbai	DLLE	15



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6	DIY Aviary Treat Station	University of Mumbai	DLLE	10
7	World Pharmacist Day celebration	University of Mumbai	DLLE	50
8	Old clothes donation drive	University of Mumbai	DLLE	50
9	Comparative Photography Competition	University of Mumbai	Eco-Club Activity	10
10	Best out of Waste Competition	University of Mumbai	Eco-Club Activity	18
11	National Students Parayavaran Competition (NSPC)	University of Mumbai	Eco-Club Activity	64
		University of Mumbai	Eco-Club Activity	
12	World Patient Safety Day	University of Mumbai	PHO ACTIVITY	20
13	Logo and Slogan Competition	University of Mumbai	PHO ACTIVITY	36
14	National Pharmacovigilance Week Online Poster-Making Competition	University of Mumbai	PHO ACTIVITY	30
15	Kal Aur Jeevan Ka Sanrakshan: Stem Cell Kahani aur virasat	University of Mumbai	PHO ACTIVITY	22
16	World Health Day_ Cancer Day	University of Mumbai	PHO ACTIVITY	22
17	International yoga day	University of Mumbai	NSS ACTIVITY	40
18	River Bank Cleaning	University of Mumbai	NSS ACTIVITY	37
19	Orientation programme	University of Mumbai	NSS ACTIVITY	34
20	World Breast Feeding Day	University of Mumbai	NSS ACTIVITY	27
21	Tree Plantation Drive	University of Mumbai	NSS ACTIVITY	30
22	Climate Change Workshop	University of Mumbai	NSS ACTIVITY	

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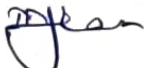
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23	International Sports Day	University of Mumbai	NSS ACTIVITY	15
24	NSS Day Celebration	University of Mumbai	NSS ACTIVITY	36
25	World Rabies Day	University of Mumbai	NSS ACTIVITY	44
26	Environment Awareness Programme	University of Mumbai	NSS ACTIVITY	37
27	Gandhi Jayanti	University of Mumbai	NSS ACTIVITY	38
28	Sanvidhan Din	University of Mumbai	NSS ACTIVITY	11
29	World AIDS Day	University of Mumbai	NSS ACTIVITY	38
30	Blood Donation Drive-Nerul	University of Mumbai	NSS ACTIVITY	24
31	Traffic control rules and regulation	University of Mumbai	NSS ACTIVITY	35
32	Social Media Awareness	University of Mumbai	NSS ACTIVITY	33
33	Awareness Programme Oral Hygiene	University of Mumbai	NSS ACTIVITY	30
34	Blood Donation Drive-Vashi	University of Mumbai	NSS ACTIVITY	29
35	TATA marathon	University of Mumbai	NSS ACTIVITY	40
36	National voters day	University of Mumbai	NSS ACTIVITY	46
37	World Leprosy Day	University of Mumbai	NSS ACTIVITY	29
38	Cancer Awareness Camp	University of Mumbai	NSS ACTIVITY	43
39	World Tuberculosis Day	University of Mumbai	NSS ACTIVITY	31

  
Dr. Mohib Khan  
IQAC Coordinator



  
Dr. Sudha Rathod  
Principal

Dr. (Mrs.) Sudha Rathod  
Principal  
Oriental College of Pharmacy  
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