

**INSTITUTIONAL ASSESSMENT AND ACCREDITATION  
(Effective from July 2017)**

**Accreditation - (Cycle - 1)**

**PEER TEAM REPORT ON  
INSTITUTIONAL ACCREDITATION OF  
ORIENTAL COLLEGE OF PHARMACY SANPADA NAVI MUMBAI  
C-33999**

**Navi Mumbai  
Maharashtra  
400705**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL  
An Autonomous Institution of the University Grants Commission  
P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA**

**Section I:GENERAL INFORMATION**

1.Name & Address of the institution:	ORIENTAL COLLEGE OF PHARMACY SANPADA NAVI MUMBAI Navi Mumbai Maharashtra 400705	
2.Year of Establishment	2004	
3.Current Academic Activities at the Institution(Numbers):		
Faculties/Schools:	1	
Departments/Centres:	1	
Programmes/Course offered:	5	
Permanent Faculty Members:	32	
Permanent Support Staff:	29	
Students:	520	
4.Three major features in the institutional Context (Asperceived by the Peer Team):	<ol style="list-style-type: none"><li>1. The good ecosystem for teaching, learning with extra curricular activities for holistic development of students.</li><li>2. Institute providing good employment opportunity as situated in Mumbai having good number of industries.</li><li>3. The institute offers life skills and Yoga sessions to all students in physical mode as well in as through accessible platforms like YouTube along with engagement of students in community outreach programs.</li></ol>	
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	From : 04-04-2024 To : 05-04-2024	
6.Composition of Peer Team which undertook the on site visit:		
	<b>Name</b>	<b>Designation &amp; Organisation Name</b>
Chairperson	DR. RAJENDRA PRASAD YEJELLA	FormerPrincipal,Andhra University
Member Co-ordinator:	DR. TAPAN KUMAR MAITY	Professor,JADAVPUR UNIVERSITY
Member:	DR. SUBHEET KUMAR JAIN	Director
NAAC Co - ordinator:	Dr. A.v. Prasad	

## Section II: CRITERION WISE ANALYSIS

Observations (Strengths and/or Weaknesses) on each qualitative metrics of the key Indicator under the respective criterion (This will be a qualitative analysis of descriptive nature aimed at critical analysis presenting strength and weakness of HEI under each criteria)

Criterion 1 - Curricular Aspects (Key Indicator and Qualitative Metrics (QIM) in Criterion 1)	
1.1	Curricular Planning and Implementation
1.1.1 QIM	<b>The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment</b>
1.2	Academic Flexibility
1.3	Curriculum Enrichment
1.3.1 QIM	<b><i>Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum</i></b>
1.4	Feedback System

### Qualitative analysis of Criterion 1

This college runs five Programs covering undergraduate, postgraduate and Ph.D. Programs in Pharmaceutical sciences. All the courses are approved by the Pharmacy Council of India (PCI), New Delhi and duly approved by the affiliating University (University of Mumbai). The College of Pharmaceutical Sciences covers advances in Pharmaceutical Sciences and impact of smart technology on drug delivery systems which prepare students ready for the global role in this area.

Institute follow the academic calendar as issued by affiliating University meticulously. Academic plan is drafted by academic committee, workload distributed and approved by Principal per each semester. A continuous internal assessment is in place as per the PCI norms. Course Coordinators prepare academic plans. Teachers are trained in pedagogical approaches. Academic plans are displayed in classrooms. The practical experimentation provides desired analytical and technical skills, teaching methodologies adopted by course coordinators include creative quizzes, smart board techniques, live projects and case studies.

The College abides with an attendance norms of University of Mumbai. It also follows all evaluation measures to identify fast and slow learners. Mentor-mentee system is in place to provide the academic support and carrier guidance for the students. Mentor-mentee meetings are conducted regularly..

The courses are designed to provide communication skills apart from subject knowledge. The students are encouraged to enrol in the committees like IPA-PHO and MU-DLEE that focus on social commitment. The mentors have regular interactions with the students and provide valuable guidance to the students on various professional matters. Counsellor is appointed to address the special needs or problems of the students. An induction program is annually arranged for newly admitted students to enlighten them on the values and responsibilities associated with the professional course. Guest lectures, seminars, workshops are conducted to create awareness on various issues like women safety, yoga, self-defence, professional ethics, career

prospects and personality development.

Criterion2 - Teaching-learning and Evaluation (Key Indicator and Qualitative Metrics(QIM) in Criterion2)	
2.1	Student Enrollment and Profile
2.2	Student Teacher Ratio
2.3	Teaching- Learning Process
2.3.1 QIM	<b>Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT-enabled tools including online resources for effective teaching and learning process</b>
2.4	Teacher Profile and Quality
2.5	Evaluation Process and Reforms
2.5.1 QIM	<b>Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient</b>
2.6	Student Performance and Learning Outcomes
2.6.1 QIM	<i>Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website</i>
2.6.2 QIM	<i>Attainment of POs and COs are evaluated.</i>  Explain with evidence in a maximum of 500 words
2.7	Student Satisfaction Survey

#### Qualitative analysis of Criterion 2

The college adopts student centric measures which focus on individual learner and their unique needs and interests. These measures include experiential learning involving hands on experience on pharmacology experimental software, design of experimental software, computer aided drug design etc., participative learning through journal club activities and problem solving methodologies using critical thinking.

The ICT tools are in use in daily teaching to complement class room learning and make it more students centric, along with the other teaching aids. The institute has robust mechanism for effective implementation and delivery of the curriculum. As part of the efforts to ensure outcome based education, course and programme-specific outcomes have been outlined in the syllabus.

The college is following internal assessment which involves evaluation of student performance through tests, assignments, projects and presentations. It is designed to provide students with a fair and unbiased evaluation of their academic performance. Two sessional exams are conducted for each theory/courses as per PCI norms. A software system by name Trackmark provided by the University of Mumbai is applied for the external evaluation of academic papers for evaluating the answer booklets in digital form.

This appears to be different from other evaluation measures we observed earlier and found to be an efficient, transparent and time effective evaluation process. It makes the teachers to assess the substantial volume of papers and maintained consistency in their evaluation following predefined guidelines and grading standards of the affiliating University and PCI. Answer booklet of internal assignments are shown to students and in case of any grievance, institute has robust grievance redressal system.

The college followed well defined program outcomes, course outcomes, program educational objectives and program specific objectives. The program outcomes cover pharmacy knowledge, planning abilities, problem analysis etc. The program educational objectives are intended to test the professional expertise, identify the technologies employed in research and development, track social responsibilities, entrepreneurship and continuous learning. The attainments of COs and POs are established by ICT tools with quantitative output.

An indirect attainment is also done through graduate exist survey, employer feedback, alumni survey, parents feedback and co-curricular activities.

The outcomes of each course are mapped to the program outcomes with a level of mapping as 1, 2 or 3 where 3 is the substantial mapping, 2 for moderate mapping and 1 for slight mapping. Institute has mechanism in place to take necessary action as per evaluation result of attainment of POs and COs for further improvements. The Oriental College of Pharmacy has an innovation ecosystem which involves cross disciplinary interactions which facilitates the exchange of ideas providing innovative solutions. Applied learning also being followed through live projects. The laboratories are fairly well equipped to provide students the required tools. The library facility is a source of vast repository of scientific knowledge towards continuous learning. There is industry-institute interaction providing students a broader perspective on industry trends and challenges. Good number of the students are going for the internship and industrial training. Good number of the patents are filed by the institute in recent time.

Provision are also being made for advanced learners. Advanced learners are encouraged to think out of the box and participate in industrial oriented projects. The college practices the Outcome-based learning to nurture innate talent and also differentiate aptitude of learning. The students are participating in various extra curricular, cultural and sports activities for their overall development.

Criterion3 - Research, Innovations and Extension (Key Indicator and Qualitative Metrics(QIM) in Criterion3)

3.1	Resource Mobilization for Research
3.2	Innovation Ecosystem
3.2.1 QIM	<b>Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident</b>
3.3	Research Publications and Awards
3.4	Extension Activities
3.4.1 QIM	<b>Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.</b>
3.4.2 QIM	<b>Awards and recognitions received for extension activities from government / government recognised bodies</b>
3.5	Collaboration

Qualitative analysis of Criterion 3

The faculty and students of the college found to participate in social service activities leading to their overall development. They have public health office, department of lifelong learning and NSS units. The college also offers courses like universal human values, environmental science and communication skills. Institute has adopted one village also and regularly conducting outreach activities i.e. blood donation, river bank cleaning drive etc.

Students are actively participating in different activities i.e. creative writing, elocution competition, quiz, essay, projects etc. organized by the affiliating University, Many of the students won the award in these events organized by affiliating University and neighborhood institutes. Many students bagged prizes in the events conducted by the Indian Pharmaceutical Association (IPA). Students also participated actively in sports events

organized by affiliating University. One of the student Mohith V Tupune won gold medal in the under 16 Karate championship The students and faculty of the college received awards and recognitions on various extension activities like blood donation and awareness programs like COVID-19.

Faculty members are encouraged to actively involve in Research work leading to publication of research papers in journals approved by UGC and to contribute in books and book chapters. Some of the faculty members have published the articles in Scopus/web of science/UGC Care List journals. Around eleven patents are also being filed by the faculty members of the institute. Institute has a policy in place the research activities by giving financial incentive to publish the article in Journals with impact factor.

The institution has organized many training programmes, guest lectures, seminars related to advances in Pharmacy profession, personality development and communication skills. Students are also encouraged to participate in various activities conducted at University and state levels. National Pharmacy week is also being celebrated by the institute by organizing different professional activities.

The institution has also signed some MoUs with industry and other organizations for academic and research activities of the students and faculty.

Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrics(QIM) in Criterion4)	
4.1	Physical Facilities
4.1.1 QIM	<p><b>The Institution has adequate infrastructure and other facilities for,</b></p> <ul style="list-style-type: none"> <li>• <b>teaching – learning, viz., classrooms, laboratories, computing equipment etc</b></li> <li>• <b>ICT – enabled facilities such as smart class, LMS etc.</b></li> </ul> <p><b>Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)</b></p>
4.2	Library as a Learning Resource
4.2.1 QIM	<p><b><i>Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students</i></b></p>
4.3	IT Infrastructure
4.3.1 QIM	<p><b>Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection</b></p> <p><b><i>Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words</i></b></p>
4.4	Maintenance of Campus Infrastructure

#### Qualitative analysis of Criterion 4

The institution has good infrastructural facilities for smooth and efficient conduct of teaching, practical, cultural, sports and administrative activities for Pharmacy courses as per the norms of regulatory body PCI and affiliating University The institution has air conditioned classrooms with good seating arrangement. Laboratories are equipped with basic amenities and safety systems. A seminar hall, a museum, a computer lab, a machine room, and an animal house. An alternative power source with a generator of 50KV is available. A medicinal plant garden, gymnasium and hygienic drinking water facility is also available. The campus is Wi-

Fi equipped and is under CCTV surveillance.

Institute also has auditorium, playground, gymnasium, yoga center to conduct cultural and sports activities. Institution has provided ICT equipped classrooms, with various advanced tools such as Wi-Fi facility, Interactive Intelligent Panel, LCD projector and audio system, Institute has also set up a language lab to improve the communication skills of the students. Well-equipped seminar hall facility is also available to conduct different cultural activities, seminars, guest lectures and placement drive.

Necessary instrumentation facility required as per PCI norms are also available. In addition many sophisticated instruments i.e. HPTLC, HPLC, FT IR, Bead system, HPLC, Spray dryer etc. are also available.

Committee for control and supervision of experiments in Animals (CCSEA) approved Animal House facility and well equipped machine room having a facility for preparation and training of solid, semi-solid and liquid dosage forms are available that is making student ready with skill sets for Industrial jobs.

Medicinal Plant Garden has also developed in the campus having good number of medicinal plants The institute has installed RO water plant for providing drinking water. The lift facility is also available for differently abled students. Power back system facility is also available.

The library has well-furnished wooden carrels and comfortable chairs. It has written section, journal section, reading hall with computer e-resource access, reprography section and new arrival display racks. The library has more than 10000 books, more than 700 hard copy journals apart from copies of these reports etc. It has also plagiarism software and the services are IT enabled. Institute also has subscription from DELNET and K-HUB to provide access of e-books and e-journals. Library also equipped with automation software e-granthalaya.

Criterion5 - Student Support and Progression (Key Indicator and Qualitative Metrics(QIM) in Criterion5)	
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5.1	Student Support
5.2	Student Progression
5.3	Student Participation and Activities
5.4	Alumni Engagement
5.4.1 QIM	<b>There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services</b>

Qualitative analysis of Criterion 5
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The college has good number of computers, software and printers apart from networking and educational technological services. The college has structured LAN facility and Wi-Fi facility. The teaching and learning process is enriched by e-resources. ICT facilities for drug design, analysis of experimental data are available which includes AUTODAC, AMBER, Chimera, Modellar etc. Canvas and Google classrooms are available with a dedicated You Tube channel

The institution has robust mechanism in place for supporting the students in different activities, particularly for academic development, personality development, improvement in communication skills, industry training,

career counselling and placement.. Many of the students are beneficiaries of scholarships, freships or fee waivers relevant to government as well as institute policies. The institution organizes aptitude test and workshops etc to groom communication skills, personality development. The college is having active placement cell and providing placement opportunities for the students. Number of students got placement through placement cell and also a good number of UG students are progressing to higher studies in same institutes.

The institution organizes number of events every year e.g. Pharmacy week, culture fest, sports day, independence day etc. Active participation of the students has been observed in the extracurricular activities. The training and placement cell is put in place to provide placement opportunities for the students.

Institute has promoted career guidance activities by arranging relevant lectures and workshops on self-employment. Good number of guest lectures are conducted from Industrial experts to make aware the students around employment options available.

Grievance redressal committee of the institute operates under vigilance of the Principal. Institute has constituted an anti-ragging committee and squad to prohibit incidences of ragging of students. The institute also has constituted gender sensitization committee and encourages the participation of the students in sports and cultural activities and competitions regularly. Active participation of students in academic & administrative bodies/committees of the institution is in place.

The alumni association was formed in the year 2010 and registered as Oriental Pharma Alumni Association (OPAA) with required executive body. This body provides career counselling seminars, guest lectures, best alumni awards, annual alumni meet, OPAA bulletin and placement activities.

Criterion6 - Governance, Leadership and Management (Key Indicator and Qualitative Metrics(QIM) in Criterion6)	
6.1	Institutional Vision and Leadership
6.1.1 QIM	<b><i>The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.</i></b>
6.2	Strategy Development and Deployment
6.2.1 QIM	<b><i>The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc</i></b>
6.3	Faculty Empowerment Strategies
6.3.1 QIM	<b>The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression</b>
6.4	Financial Management and Resource Mobilization
6.4.1 QIM	<b>Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)</b>
6.5	Internal Quality Assurance System
6.5.1 QIM	<b>Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures &amp; methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities</b>

### Qualitative analysis of Criterion 6

The vision statement of the college is "Create competent pharmacy graduates to contribute in the development of the healthcare profession" for NEP implementation. Institute registered its students on the ABC platform; the college management has constituted the College Development Committee (CDC) to monitor the rules and regulations. There is a decentralized mechanism and participative management. Faculties published their research work in journals and the college has industry-institute collaboration. Scholarships are given to many students. The college has a short-term and long-term institutional perspective plan.

The governing body is constituted as per the statutory requirements and takes the strategic decisions on academic, administrative and financial activities. The college has constituted several committees at the college level to execute the regular activities. Every department has a regular head that ensures effective delivery of course content by the subject teachers. An amount of transparency is maintained in appointing the faculty as per the university norms. The college has a grievance redressed mechanism apart from perspective plan and deployment.

The institute has several committees i.e. Programme Committee, Examination Committee, Library Advisory Committee, The Disciplinary Committee, Cultural Committee to handle various academic, developmental and administrative and grievance related issues. IQAC cell also exists in the institute. Organizational structure of various bodies is well defined and well documented.

Service rules are framed which include recruitment policy, leave rules, promotion policy, service conditions etc. The institution has various scheme in place for welfare of teaching and non-teaching staff, maternity leave, duty leave and financial assistance for attending the conferences, workshops, group insurance for employees etc.

.The institute has regular audit for financial issues for the effective use of available financial resources. The management of the college ensures smooth functioning of the college in implementation of various policies for its continuous improvement. The faculty members play vital role in decision making through participation in different committees such as placement, anti-ragging, cultural, sports, gender discrimination and other academic administrative committees. Institute follows the decentralized management process.

Criterion7 - Institutional Values and Best Practices (Key Indicator and Qualitative Metrics(QIM) in Criterion7)	
7.1	Institutional Values and Social Responsibilities
7.1.1 QIM	<b>Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.</b>  <i>Describe the gender equity &amp; sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words</i>
7.1.4 QIM	<b>Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)</b>
7.2	Best Practices
7.2.1 QIM	<b>Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual</b>
7.3	Institutional Distinctiveness
7.3.1 QIM	<b>Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words</b>

#### Qualitative analysis of Criterion 7

1. The institute organizes various seminars and webinars to reduce the gap between industry and institute. The management also giving funds for faculty for attending workshops, seminars and conferences.
2. The college with the help of mentors conducts psychological counselling to reduce unnecessary stress in students' academic environment. A mentor-mentee meeting is held one in each semester apart from parent-teaching meeting.

#### Section III:OVERALL ANALYSISbased on Institutional strengths.Weaknesses,Opportunities & Challenges(SWOC)(up to 500 words)

##### Overall Analysis

##### Strength:

1. Good infra structure with well-equipped labs and other facilities
2. Involvement in conducting the good number of outreach programme
3. Well qualified faculty members with desired experience
4. Good IT facilities

##### Weaknesses:

1. Lack of funding from government agencies
2. Lack of long term strategic plan
3. No much progress in research activities
4. Space for Library and canteen need to be extended

**Opportunities:**

1. Located in Mumbai, ample opportunities to do consultancy projects with the Industry
2. Exploring the potential of Alumni
3. Good employment opportunities
4. Start of PG course in other specializations

**Challenges:**

1. To upgrade the research facilities
2. To attract students from other parts of India and globally
3. To get permanent affiliation
4. Resource mobilization from funding agencies

**Section IV: Recommendations for Quality Enhancement of the Institution**

(Please limit to **ten major ones** and use telegraphic language) (It is not necessary to indicate all the ten bullets)

- 1. There is need to make the career counselling and placement cell more effective
- 2. To include good number value added courses to improve the employability
- 3. The potential of the alumni to be explored.
- 4. More focus to be given on Research and Development activities
- 5. Multidisciplinary research need to be encouraged
- 6. Majors for implementation of NEP-2020
- 7. Need to establish IPR, Patent cell and Industry-academic cell
- 8. Need to encourage the students for pursuing online courses through MOOC, SWAYAM and NPTEL for integrated learning approach
- 9. Pharmacy practice opportunity with in house Pharmacy outlet at the institution
- 10. Need to go for 2f and 12 B approvals of UGC.

**I have gone through the observations of the Peer Team as mentioned in this report**

**Signature of the Head of the Institution**

**Seal of the Institution**

Sl.No	Name		Signature with date
1	DR. RAJENDRA PRASAD YEJELLA	Chairperson	
2	DR. TAPAN KUMAR MAITY	Member Co-ordinator	
3	DR. SUBHEET KUMAR JAIN	Member	
4	Dr. A.v. Prasad	NAAC Co - ordinator	

**Place**

**Date**