INSTITUTIONAL ASSESSMENT AND ACCREDITATION
(Effective from July 2017)

Accreditation - (Cycle - 1)

PEER TEAM REPORT ON

INSTITUTIONAL ACCREDITATION OF
INSTITUTE OF PHARMACY AND TECHNOLOGY SALIPUR

SALIPUR
Orissa
754202

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:	INSTITUTE OF PHARMACY AND TECHNOLOGY SALIPUR SALIPUR Orissa 754202	
2.Year of Establishment	1982	
3.Current Academic Activities at the Institution(Numbers):		
Faculties/Schools:	1	
Departments/Centres:	1	
Programmes/Course offered:	4	
Permanent Faculty Members:	26	
Permanent Support Staff:	21	
Students:	514	
4.Three major features in the institutional Context (Asperceived by the Peer Team):	1. The institute is recognized as Nodal Center for research by the Biju Patnaik University of Technology Rourkela Odisha. 2. The B.Pharm program of the institute is accredited by NBA for the duration of 1st July 2017 to 30th June 2021 and ISO certified from 2008-20019. 3. Well experienced and qualified faculty.	
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	From : 08-10-2021 To : 09-10-2021	
6.Composition of Peer Team which undertook the on site visit:		
	Name	Designation & Organisation Name
Chairperson	DR. RAMJI SINGH	Director,AIIMS Kalyani
Member Co-ordinator:	DR. NEERU VASUDEVA	Professor,GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
Member:	DR. TEJAL GANDHI	Principal,Anand Pharmacy College
NAAC Co - ordinator:	Dr. Devender S Kawday	

Section II:CRITERION WISE ANALYSIS
Observations (Strengths and/or Weaknesses) on each qualitative metrices 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)

Criterion1 - Curricular Aspects (Key Indicator and Qualitative Metrices(QlM) in Criterion1)	
1.1	Curricular Planning and Implementation
1.1.1 QlM	**The Institution ensures effective curriculum delivery through a well planned and documented process**
1.1.2 QlM	**The institution adheres to the academic calendar including for the conduct of CIE**
1.2	Academic Flexibility
1.3	Curriculum Enrichment
1.3.1 QlM	**Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum**
1.4	Feedback System

Qualitative analysis of Criterion 1
The institute adheres to the norms of regulatory councils (PCI, AICTE) and Biju Patnaik University of Technology (BPUT), Rourkela, Odisha. The institute ensures adherence to the university academic calendar. Institution should emphasize on effective curriculum planning and delivery by various means. Principal is dean of faculty of pharmacy of BPUT for the period of six years. Academic documentation process needs to be streamlined. The Institute organizes training program and industrial tour. The Undergraduate students carry out project and industrial/Hospital training as per curriculum. M. Pharm students undergo one-year project work in the institute or Industry as a part of curriculum. The institute adopts continuous evaluation system which is transparent. The institute has constituted committees for gender sensitization, sexual harassment and anti-ragging committee. Participation of students in social activities like health camp, blood donation camp, plantation activity, Swachh Bharat Abhiyan, Ek Bharat Sresta Bharat, cancer awareness program is visible. The institute also celebrates World Pharmacy Day and National Pharmacy week. Students are encouraged to participate in various competitions arranged by the institutes in Odisha.

Criterion2 - Teaching-learning and Evaluation (Key Indicator and Qualitative Metrices(QlM) in Criterion2)	
2.1	Student Enrollment and Profile
2.2	Catering to Student Diversity
2.2.1 QlM	**The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners**
2.3	Teaching- Learning Process
2.3.1 QlM	**Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences**
2.3.2 QlM	**Teachers use ICT enabled tools for effective teaching-learning process.**
2.4	Teacher Profile and Quality
2.5	Evaluation Process and Reforms
2.5.1 QlM	**Mechanism of internal assessment is transparent and robust in terms of frequency and mode**
2.5.2 QlM	**Mechanism to deal with internal/external examination related grievances is transparent, time- bound and efficient**
2.6	Student Performance and Learning Outcomes
2.6.1 QlM	**Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.**
2.6.2 QlM	**Attainment of programme outcomes and course outcomes are evaluated by the institution.**
2.7	Student Satisfaction Survey

Qualitative analysis of Criterion 2
The academic calendar is prepared at the commencement of the academic session and provides the information pertaining to examination. Induction program for the new entrants is a regular feature. Experiential learning opportunities are provided to students to complement their class room learning and to enhance their intellectual capacity in problem solving. Participative mode of teaching learning is adopted through student centric methods such as project-based learning, evidence based learning and self-directed learning. Fifteen faculty members have been recognized as Ph.D. supervisor by the affiliating University. ICT enabled teaching learning is promoted through the use of simulation software like X-pharmacology, Argoss lab, Hex, and Discover studio. Various modules, recent topics and certification courses can be added to teach beyond syllabus and to reduce the gap in industry and academic. The Online educational resources developed by the faculty members for benefit of the students. However, there is need to measure the outcome of student centric learning methods. Continuous internal evaluation is conducted and it is transparent. A grievance redressal mechanism exists. Automation of internal assessment examination system has to be initiated. The institute has defined Course Outcomes (COs) for all the courses. The POs and COs are disseminated to all the stakeholders through the website and other documents, however effective outcome-based education system need to be implemented. Systematic efforts have to be made for the implementation of assessment and attainment of outcomes for each teaching -leaning and evaluation process. The teaching learning and assessment processes of the institution are aligned with the stated learning *outcomes, but need use assessments* tools for systematic evaluation of the outcomes.

Criterion3 - Research, Innovations and Extension (Key Indicator and Qualitative Metrices(QlM) in Criterion3)	
3.1	Resource Mobilization for Research
3.2	Innovation Ecosystem
3.2.1 QlM	**Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge**
3.3	Research Publications and Awards
3.4	Extension Activities
3.4.1 QlM	**Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.**
3.5	Collaboration

Qualitative analysis of Criterion 3
The institute has been selected as a host institute by ministry of micro small and medium enterprise (MSMEs), Government of India for the establishment of entrepreneurial and management development of MSMEs through incubators under CLCS-TUS in April-2021. However, the institute has to take initiative to develop incubation center focusing on activities such as; development of the products and processes related to pharmaceutical care including some cosmetic preparations. Research presentation of students and staff at national and international platform can be encouraged through inculcating research and innovative culture among students and staff of the institute. Institute does not have any financial assistance for research from any national, international agency or the affiliating University. The institute is recognized as Nodal Centre of Research (NCR) by the affiliating University. The faculty has published their research findings in the journal of repute in the last two years. Participation of the students and faculties in the various activities such are World Aids Day, International Pharmacist Day, National Pharmacy Week, World Environment Day, International Women's Day, Librarian's Day, Unata Bharat Abhiyan, World Blood Donation Day and Sanitizer is visible. The institute has organized social camp, health camps to educate the people about their hygiene, sanitation, literacy and various health issues in the surrounding villages.

Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrices(QlM) in Criterion4)	
4.1	Physical Facilities
4.1.1 QlM	**The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.**
4.1.2 QlM	**The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.**
4.2	Library as a Learning Resource
4.2.1 QlM	**Library is automated using Integrated Library Management System (ILMS)**
4.3	IT Infrastructure
4.3.1 QlM	**Institution frequently updates its IT facilities including Wi-Fi**
4.4	Maintenance of Campus Infrastructure
4.4.2 QlM	**There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.**

Qualitative analysis of Criterion 4
The institute has adequate infrastructure facilities viz. ICT enabled class rooms, well equipped laboratories, seminar hall, central instrumentation laboratory; CPECSA approved animal House, and separate CADD laboratory for computer-aided design. Adequate space has been provided to the library with sufficient number of text books and titles. The J.K. Memorial Library has an adequate collection of e-books, e-journals and dissertation of Post graduate students. Separate section for reference books is available. A collection of rare books, latest edition of reference books and pharmacopeias for enrichment of library is desired. Central subscription of online database like DELNET to provide e-books and e-journals is available. The library is automated and uses NIC Open Access Library Software. Regular updating of computers needs to be done and recruitment of qualified IT person to facilitate continuous maintenance and repair of the same is desired.
The labs having equipment in working condition as per the requirement of statutory bodies. One class room is equipped with smart board and five classrooms are available with audio visual facilities. Documented policy for maintenance of instruments and physical facilities is not visible. Annual maintenance contract of sophisticated instruments is essential. Sewage treatment plant (STP) is available for recycling of water. Basic amenities like banks, shopping center and post office exist in the campus. Solar panels are installed on the street lights in the campus.

Criterion5 - Student Support and Progression (Key Indicator and Qualitative Metrices(QlM) in Criterion5)	
5.1	Student Support
5.2	Student Progression
5.3	Student Participation and Activities
5.3.2 QlM	**Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)**
5.4	Alumni Engagement
5.4.1 QlM	**There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services**

Qualitative analysis of Criterion 5
Active student council should be reflected by formation of various activity clubs. There is limited representation of the students in various academic and non- academic committees. Students are encouraged to participate in co-curricular and extra-curricular activities in inter-college competitions, however inter-state, national level participation should be encouraged. Institute has constituted various committees such as anti-ragging committees, sexual harassment and women cell, however the constitution of the committees should be in accordance with the norms and guidelines of the respective regulatory bodies. A registered alumni association came in to existence in the October 2017. Alumina contribution is limited to career counseling and professional development

Criterion6 - Governance, Leadership and Management (Key Indicator and Qualitative Metrices(QlM) in Criterion6)		
6.1	Institutional Vision and Leadership	
6.1.1 QlM	**The governance of the institution is reflective of and in tune with the vision and mission of the institution**	
6.1.2 QlM	**The effective leadership is visible in various institutional practices such as decentralization and participative management**	
6.2	Strategy Development and Deployment	
6.2.1 QlM	**The institutional Strategic / Perspective plan is effectively deployed**	
6.2.2 QlM	**The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.**	
6.3	Faculty Empowerment Strategies	
6.3.1 QlM	**The institution has effective welfare measures for teaching and non-teaching staff**	
6.3.5 QlM	**Institutions Performance Appraisal System for teaching and non-teaching staff**	
6.4	Financial Management and Resource Mobilization	
6.4.1 QlM	**Institution conducts internal and external financial audits regularly**	
6.4.3 QlM	**Institutional strategies for mobilisation of funds and the optimal utilisation of resources**	
6.5	Internal Quality Assurance System	
6.5.1 QlM	**Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes**	
6.5.2 QlM	**The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities** **(For first cycle - Incremental improvements made for the preceding five years with regard to quality** **For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)**	

Qualitative analysis of Criterion 6
The organizational structure is available. The statutory bodies and committees function as per the guidelines of the affiliating University. Participative practice is in place with academic and administrative autonomy; however, it needs to be decentralized. Teaching faculty is represented in the academic and administrative committees of the institute with minor representation of students. Periodic meetings are conducted but each meeting has to be recorded. A strategic planning of the institute is in place. Good documentation practice needs to be adopted by the institute.   The employees are covered under group insurance. Facility of EPF, gratuity as well medical facilities is available to all employees. The faculty members are encouraged for professional development through participation in FDP, attain higher qualification, however financial support to attend national and international conferences for students and staff is needed for the further encouragement. Self-appraisal system of teaching

and non-teaching staff exists, however policy for promotion needs to be framed. Service book of all permanent staff are maintained. The accounts are maintained and regularly audited by external auditor as per the statutory requirements. An Internal Quality Assurance Cell (IQAC) has been established, but academic and administrative audits have to be undertaken periodically.

The sources of income are well defined. The college council actively involves in the mobilization and sustenance of funds by planning judiciously budget requirements on capital expenditure and for other expenses.

Criterion7 - Institutional Values and Best Practices (Key Indicator and Qualitative Metrices(QlM) in Criterion7)	
7.1	Institutional Values and Social Responsibilities
7.1.1 QlM	**Measures initiated by the Institution for the promotion of gender equity during the last five years.**
7.1.3 QlM	**Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)** • **Solid waste management** • **Liquid waste management** • **Biomedical waste management** • **E-waste management** • **Waste recycling system** • **Hazardous chemicals and radioactive waste management**
7.1.8 QlM	**Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).**
7.1.9 QlM	**Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).**
7.1.11 QlM	**Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).**
7.2	Best Practices
7.2.1 QlM	**Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.**
7.3	Institutional Distinctiveness
7.3.1 QlM	**Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words**

Qualitative analysis of Criterion 7
The institute has Internal Complaint Committee (ICC). The ICC has to organize regularly various different activities on different issues related to the same. There is no reported incidence of sexual harassment till date. Management of degradable and non-degradable is in place, but animal and bio- hazardous waste should be disposed as per CPCSEA and other regulatory guidelines. E-waste management initiatives are visible by distributing older versions of computers to rural schools, but systematic documented policy of e-waste management is needed. The waste water is recycled (sewerage treatment plant). Green audit and energy audit need to be done. The cultural committee organizes a number of activities to name a few Utkal Divas and International Mother Language Day. Faculty members and students undertake Rashtriya Ekta Diwas to uphold the unity, integrity and security of the nation and also organize functions on birth anniversary of great Indian personalities like Mahatma Gandhi, Dr. B. R. Ambedkar Dr. A. P. J. Abdul Kalam. The institute celebrates religious festivals, including Saraswati Puja, Ganesh Puja, Biswakarma Puja, etc., Freshers Day, Founders Day, Teachers Day and Pharmacist Day are also celebrated during the calendar year.

Best Practices:

1. Availability and retention of well qualified faculty in the institution.

Distinctiveness: First institution of the state received accreditation for B.Pharm program from NBA for a period of 2017 to 2020.

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

Strength:

1. Experienced and well qualified faculties.
2. The institute is recognized as Nodal Centre of Research (NCR) by the affiliating University.
3. Though situated in the rural area, placement of students in reputed industries and government sector is appreciable.
4. NBA accreditation of B.Pharm Program for the period of 1st July 2017 to 30th June 2021.

Weaknesses:

1. Limited soft skill development undertaken.
2. Lack of initiatives for protection of intellectual property.
3. Effective systematic mechanism to identify slow learners and high achievers is required to improve the quality of education.
4. Remote access to the library is lacking.
5. Adoption of Innovative techniques and teaching beyond syllabus is required.
6. Systematic documentation of the activities needed.
7. Implementation of assessment and attainment of outcomes for each teaching -leaning and evaluation process required

Opportunities:

1. Telemedicine activities can be initiated.
2. Enhancement of IQAC activities.
3. Scope for user friendly facilities for the differently abled people.
4. Active participation of alumni in the development activities of the institutions need to be encouraged.
5. Establishment of center for pharmacovigilance center.
6. Introduction of inter disciplinary and twinning programs

Challenges:

1. Mobilization of grants for research from national and international funding agencies
2. Attracting students from other states.
3. Technology driven teaching and learning.
4. Industry-institute collaborations due to few pharma industry in the state of Odisha

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)

- Remedial coaching for slow learners needs to be implemented.

- NCC and NSS unit need to be established.

- Academic and administrative audit needs to be done on regularly basis.

- IQAC Should take more initiatives for the development of the institute.

- Mobilization of funds from government and other agencies for extra mural research be initiated.

- Establishment of Patent facilitating cell to promote IPR.

- MOU with various reputed industries, hospitals, community pharmacy and research organization is strongly recommended.

- Student and staff development guidelines and norms should be framed and allocation of fund is required for same.

- The know-how of innovation to be transferred to the industry and thereby to the masses.

- Framing of Consultancy rules and promotion policy as well as maintenance policy for the instruments is needed.

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. RAMJI SINGH	Chairperson	
2	DR. NEERU VASUDEVA	Member Co-ordinator	
3	DR. TEJAL GANDHI	Member	
4	Dr. Devender S Kawday	NAAC Co - ordinator	

Place

Date