



SUMMARY SHEET

Criteria 7	QIM	7.3.1	2017-18 To 2021-22
Title	Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words		

- **Title Page** – Institutional Pro-activeness and progressiveness towards establishing finest consultancy providing institute in Pharma academics.
- **Table of Contents** – Indra Institute of Pharmacy committed for continuous up-gradation of its consultancy profile. Since inception institutes microbiology laboratory under Pharmacognosy and Phytochemistry department has started giving services to nearby colleges about antimicrobial screening of bioactive herbal and synthetic extracts against authentic microorganisms procured from MTCC Chandigarh.

After beginning with this small step towards consultancy, institute approached for doing consultancy to Adler Mediequipment. Pvt.Ltd in the year 2012. Since Adler is working in production of surgical equipment's, and packaging of the same at their premises in the clean rooms. As company was having expertise in engineering field, they expressed their need in the sterilization of clean rooms and monitoring or the clean room environment. Institutes Microbiology Laboratory Incharge Mr. Nagare Sujit faculty of institute who is having specialty in post-graduation with subject Pharmaceutical Biotechnology with enough knowledge of plate count and routine KMnO₄ and HCHO based sterilization. In the year 2012 institute has started consultancy with sterilization of clean rooms with KMnO₄ and HCHO and weekly plate count services. This service is still going on with full zeal and zest in spite of management change of the company. Earlier management sold company to Smith & Nephew a global medical technology company with 5 billion dollar plus revenue



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Company and a global leader takeover the Adler Mediequipment Pvt.Ltd in the year 2013.

After entry of a global leader in the organization, company professionals maintained trust on the services provided by the institute. Where Institute has also changed its old sterilization regimen with ecofriendly silver stabilized H₂O₂ based sterilizing agent with fogger machines. This ensures efficient sterilization of the clean rooms and also minimized usage of carcinogenic formalin based sterilizing agent. Routine Environmental monitoring of the clean rooms was continued in new factory location clean rooms where all clean rooms were constructed by following ISO and US FDA guidelines.

Adler Mediequipment Company also assigned other projects to the institute as follows-

Sr.No	Name of the Project	Frequency	Year of start	Current status
01	Sterilization of clean rooms.	Weekly	2012	Ongoing
02	Assessment of Bioburden in clean rooms	Weekly	2012	Ongoing
03	Assessment of hand Bioburden	Once in three months	2015	Ongoing
04	Assessment of Gowning Bioburden	Once in three months	2015	Ongoing
05	Clean room surface, tables and equipment's Bioburden Assessment.	Once in three months	2015	Ongoing
06	Surgical Implants	Once in three	2015	Ongoing



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	Bioburden Assessment.	months		
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Institute has taken every possible challenge to execute all projects assigned by the company time to time. A membrane filtration based bioburden assessment of orthopedic implants has been done as per procedures laid down in the ISO guidelines. Special purpose medias utilised for various projects like Dey-Engley neutralizing broth used for assessment of hand bioburden.

- **Financial Summary** – Institute has started consultancy with meager amount of 4000 per month. But synergistically Adler Mediequipment and we as institute grown mutually and the consultancy amount has reached 1, 25,000 per month approximately.
- **Financial summary of the consultancy amount from beginning.**

Sr.No	Academic Year	Amount Generated through consultancy
01	2012-2013	48000.00
02	2013-2014	48000.00
03	2014-2015	196330.00
04	2015-2016	264960.00
05	2016-2017	597510.00
06	2017-2018	617005.00
07	2018-2019	610580.00
08	2019-2020	436070.00
09	2020-2021	442440.00
10	2021-2022	854721.00
11	2022-2023	513352.00

- **Client Profile** –



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- **Adler Mediequip Pvt. Ltd**, established in 1973, is India's most trusted name in the field of orthopaedic implants and instrumentation for traumatology, spine and reconstructive surgery.
- Institute has provided consultancy services to Adler Mediequip Pvt. Ltd from April 2012 to Dec 2013 with three projects that are sterilization of clean rooms, microbial monitoring of clean rooms and orthopedic implants bioburden determination.
- **Adler Mediequip Pvt. Ltd acquired by Smith & Nephew**, specialize in Advanced Wound Management and Surgical Devices for Orthopedic Reconstruction, Sports Medicine and Trauma in India. Institute has provided consultancy services to Adler Mediequip Pvt. Ltd from January 2014 to November 2021 with all six projects that are sterilization of clean rooms, microbial monitoring of clean rooms and orthopedic implants bioburden determination, surface bioburden determination, hand bioburden determination and gowning bioburden determination.
- **Adler Mediequip Pvt. Ltd acquired by Jones healthcare Pvt Ltd and named as Adler Healthcare Pvt. Ltd** Which is well known for Jones Healthcare Group is a world-class provider of advanced packaging and medication dispensing solutions. Jones has been a long-time, trusted partner for some of the most recognized global pharmaceutical brands and the largest pharmacy groups, independent pharmacies, hospitals and long-term care facilities across the world. Adler healthcare provides full-service offering includes graphic and structural design, print, conversion and filling of multiple packaging components including folding cartons, labels, blisters, pouches and convenience vials, as well as specialized medication adherence and dispensing products and connected packaging. Institute has provided consultancy services to Adler Healthcare Pvt. Ltd from December 2021 to till date with all six projects that are sterilization of clean rooms, microbial monitoring of clean rooms and orthopedic implants bioburden



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determination, surface bioburden determination, hand bioburden determination and gowning bioburden determination.

Institute has also taken utmost care about percolation of consultancy knowledge to the college students during their Microbiology practical and theory. Students assigned project at their final year B.Pharmacy with assessment of hand bioburden of sadavali villagers where students can showcase importance of hand hygiene. And clear understanding to villagers about how bioburden is reduced after proper cleansing of hand.

Students Project particulars:

Sr.No	Academic Year	Number of students Educated with Industry needs.	Student Participants	Project Footprints.
01	2019-2020	55 (Micro. Sem. IV CBCS)	--	NA
02	2020-2021	63+12 dsy=75 (P. Micro. Sem. III Rev. 2019)	07	https://www.youtube.com/watch?v=U_ektXs2Eaw&t=206s
03	2021-2022	65+11 dsy=76 (P. Micro. Sem. III Rev. 2019)	06	https://www.youtube.com/watch?v=jndKEwLAMJg&t=21s





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