

INDUSTRIAL TRAINING REPORT B.TECH (BIOTECH)

S.No.	Project-Topic	Summer Project Organization	Location
1.	Training and Education in Bioprocess	Keck Graduate Institute	California
2.	Human microbiome project	Manchester Institute of Biotechnology	Manchester ,UK
3.	Biomedical techniques in cell & molecular biology	INMAS, Defence Res. & Dev. Organisation (DRDO)	Delhi
4.	The determination of charged variants in therapeutic monoclonal antibody by cation exchange HPLC	Therapeutic Monoclonal Antibody Lab, National Inst. of Biosciences	Noida
5.	Cloning expression and characterization of bio-therapeutic protein	IIT -Delhi	Delhi
6.	Principles of good lab practices with reference to PTC as major domain	Dabur	Ghaziabad , UP
7.	Cold -stress metabolomics study & haemolytic analysis to assess drug toxicity	INMAS, DRDO	Delhi
8.	Basic techniques used in radiation counter , majors development	INMAS, DRDO	Delhi
9.	The Vocational Food Analysis Training	FICCI, Research and Analysis Centre	Delhi
10.	Molecular screening of monogenic disorder ,description of single base , extension chemistry principle	CSIR-Institute of Genomics and Integrative Biology (IGIB)	Delhi
11.	Quality control system and procedures in Pharmaceutical Industry	Medicamen Biotech Ltd.	Rajasthan
12.	In vitro efficacy test of some selected antibacterial and antifungal pharmacy product	Biotech Park	Lucknow
13.	Alteration in level of biochemical parameters in patients with COPD	Vallabh Bhai Patel Chest Institute, Delhi University	Delhi
14.	Laboratory techniques in microbiology and mycobacteriology	Modern Diagnostic & Research Centre	Gurugram ,Haryana
15.	Serology and microbiology Tests	SRL diagnostics, Fortis hospital	Noida
16.	Quality control and analysis lab	Mother Dairy Fruits and Veg pvt. Ltd.	Delhi
17.	Hydroponics	Mera Maali	Noida
18.	Lab assessment and field validation of solar disinfection products for water purification	Development Alternatives Group	New Delhi
19.	Characterization of API using solid state techniques and NMR	Sun pharmaceuticals Industries pvt. ltd	Gurugram
20.	Food processing and quality analysis	MINCHYS food products	Shimla
21.	Instrumental analysis on anti-hypertensive drugs	Jubilant generics ltd.	Haridwar
	Microbiology laboratory Tests	BLK super speciality hospital	New Delhi

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23.	Genetic testing and genetic counselling for hereditary cancer patients.	The Adv Centre for Treatment, Res & Education in Cancer (ACTREC)	Mumbai
24.	Invite antimicrobial efficacy test of some selected pharma products in market	Biotech park	Lucknow
25.	Vocational food analysis and Industrial training	FICCI, research and analysis centre	Delhi
26.	Genetic transfer of POPA gene using PUC-19 vector	ALLELE life science pvt. ltd	Noida
27.	Quality control testing of human normal immunoglobulin for intravenous use	NIB	Noida
28.	Quality analysis of soil and water	Indian Agricultural Res Institute(IARI)	New Delhi
29.	To understand and perform basic techniques involved in protein expression analysis	Botany department, Delhi University	Delhi
30.	Analytics division laboratory training techniques	Jawaharlal Nehru cancer hospital and research centre	Bhopal
31.	Basic techniques of ATC	Biotech park	Lucknow
32.	Milk and its product analysis and process the production of tomato ketchup	Hienz pvt india ltd	Aligarh
33.	Safety analysis of piperine on HaCaT cell lines	Biotech park	Lucknow
34.	Processing and performing medical microbiological tests	Yashoda multi super speciality hospital and research centre	Ghaziabad
35.	Study on genetic and phytochemical diversity, <i>valarianajatamasi</i> , <i>myrica</i> , <i>escluenta</i> ,	GP Pant Institute of Himalayan environment and development	Almora, Uttarakhand
36.	Scenario of effluent treatment plant in India	CPCB	Delhi
37.	Molecular screening of monogenic disorder, description of single base extension chemistry principle	CSIR-Institute of Genomics and Integrative Biology(IGIB)	Delhi
38.	Study in culture method and rapid serological test of various clinical sample at a tertiary care hospital	Rockland Global Life care	Gurugram
39.	Phytochemical analysis and invite antimicrobial activity of <i>Bryophyllum pinatum</i> , <i>Ocimum teniflorum</i>	Rupture biotech	Noida
40.	Analytical division of training techniques	ARBRO Pharmaceutical ltd	Delhi
41.	Manufacturing and quality testing of Amyron tablets	AIMIL Pharmaceuticals	Delhi
42.	Pasteurisation and quality assessment test on fruit pulp	M.D Fresh veg pvt ltd.	Aligarh
43.	Genetic transfer of gene using PUC 19 vector	ALLELE Life sciences pvt ltd	Noida
44.	Heat shock response in various organ of WT mice and overview of microbiology	IIT -Kanpur	Kanpur

	approaches		
45.	Quality check and quality analysis of spices with reference to cinnamon as major domain	DS Spiceco pvt ltd	Noida
46.	Analysis of food samples	FRAC Laboratories, FICCI	Dwarka
47.	Basic techniques in ATC	Biotech park	Lucknow
48.	Degradation of detergent using activated charcoal nanofibers incorporated with RPT-52	Sharma Multispeciality hospital	Roorkee
49.	Quality analysis of frozen vegetables and other safal processed products	Mother dairy	Delhi
50.	Water pollution caused by textile industry	CPCB	Delhi
51.	Hands on exposure to quality control testing of viral vaccines	NIB	Noida
52.	Milk testing and quality analysis	Kwality limited	Haryana
53.	Learning basic techniques of molecular biology	ICAR-NRCPB	Delhi
54.	Pasteurization and quality assessment test on fruit pulp	MD fresh veg private ltd	Aligarh
55.	Assessment of similarities between virulent and non-virulent strains using Mauve	Multiple genome alignment, RASS bio solutions	Kanpur
56.	Re-bedwaste water treatment	Vedanta limited	Barmer
57.	Quality control and production of milk	Saras	Rajasthan
58.	Total quality control system in food industry by different analytical tool and system	Patanjali food and herbal park	Padartha
59.	Basic Laboratory techniques	Ashok Pathology & research centre	Agra
60.	Product promotion by direct marketing	Lupin limited	Mumbai
61.	To access the antimicrobial activity of <i>Ocimum gratissimum</i>	Kirorimal college, Delhi Univ	Delhi
62.	Processing of fruits	HPMC	Sundernagar
63.	Study of microbiological profile of food and drinking water	Fare Lab Private Ltd.	Gurugram
64.	Bioremediation of dye effluent	Codon biotech	Noida
65.	Impact assessment around NAPS due to atmospheric and terrestrial environment at narora atomic power station	NPCIL	Delhi
66.	Fundamental techniques in animal culture	Biotech park	Lucknow
67.	Serology, haematology and microbiology	Clinical Pathology Lab	Kanpur
68.	Antimicrobial properties of various plants	Kirori Mal College, Delhi Univ.	Delhi
69.	Biomass-nutrient profile of microalgal consortia grown in fish processing industry wastewater	Central Salt & Marine Chemical Research Institute	Bhavnagar
70.	Processing, performing pathological tests and controlling the semi and fully	Daksh diagnostics	Delhi

	automated analysers		
71.	Chromosomal analysis and karyotyping	SRL diagnostics	Gurugram
72.	Introduction to recombinant products and liquid chromatography	NIB	Noida
73.	Analysis of raw materials and finished goods in Ayurveda	Dabur India ltd	Ghaziabad
74.	Techniques of extraction and isolation for curcuminoid	Biotech park	Lucknow
75.	Understanding of lyophilised dosage forms	Jubilant generics	Noida
76.	Food industries, natural product research, nano biotechnology, molecular biology	Rapture biotech ltd	Noida
77.	Cloning ,expression and purification of recombinant protein LIF in a prokaryotic system	Animal biotechnology centre, NDRI	Karnal
78.	Standardization of diagnostic PCR for detection of mycobacterium tuberculosis	Gian pathology and x-ray	Kanpur
79.	Experiments in Biotechnology Divison	Rapture biotech .inc	Noida
80.	Basic techniques used in radiation counter major development	INMAS ,DRDO	New Delhi
81.	Cloning, expression , characterization of a bio-therapeutic protein	IIT-DELHI	New Delhi
82.	In - silico drug designing for disease colorectal cancer in homo-sapiens	IBSRI,	Noida
83.	Analytical division laboratory training techniques	ABRO pharmaceutical pvt limited	New Delhi
84.	Understanding on sterilization techniques	Jubilant generics ltd.	Noida
85.	Study of antimicrobial activity of essential oil against selected microorganisms	Biotech park	Lucknow
86.	Hands on exposure onto quality control: testing of viral vaccine	NIB	Noida
87.	Production of recombinant proteins using <i>Pichiapestoris</i> and related studies	Biocon Research Ltd	Banglore
88.	To supervise the ongoing process in processing and packaging plant	Jubilant Consumers pvt ltd	Noida
89.	Basic techniques used in radiated counter major development	INMAS	Delhi
90.	Effluent treatment plants in pharmaceutical industry in India	Central Pollution Control Board	Delhi
91.	Exploring different techniques in physiology and allied sciences.	DIPAS, DRDO	Delhi
92.	Learning different techniques of Biotechnology	DIPAS, DRDO	Delhi