

INDUSTRIAL TRAINING REPORT B.TECH (BIOTECH) BATCH 2011-2015

S. No.	Project-Topic	Summer project organization	Location
1	Optimization of techniques to study autophagy process	Institute of Nuclear Medicine & Allied Sciences (INMAS, DRDO)	Delhi
2	Quality testing of dairy products	Mother Dairy Fruit and Vegetable Pvt. Ltd.	Delhi
3	Extraction of antioxidant compound from solid culture of radio resistant bacterium <i>Bacillus</i> sp. inm-1	Institute of Nuclear Medicine & Allied Sciences (INMAS, DRDO)	Delhi
4	Microbial limit test	Dabur India Ltd.	Ghaziabad, UP
5	Clinical and serological diagnostic techniques	SRL Diagnostics	New Delhi
6	Microbial limit test	Dabur India Ltd.	Ghaziabad, UP
7	Drug analysis using HPLC	Ranbaxy Laboratory Ltd.	Gurgaon, Haryana
8	Test for material used in parle-G using analytical techniques	B. D. Foods Pvt. Ltd.	Varanasi, UP
9	Chemical and microbiological analysis of milk and milk product	Pradeshik Coopertative Dairy Federation Ltd.	Lucknow, UP
10	Orientation to cell culture and basic molecular techniques	Institute of Nuclear Medicine & Allied Sciences (INMAS, DRDO)	Delhi
11	Orientation to cell culture and basic molecular techniques	Institute of Nuclear Medicine & Allied Sciences (INMAS, DRDO)	Delhi
12	Quality testing of dairy products	Mother Dairy Fruit and Vegetable Pvt. Ltd.	Delhi
13	Pharmaceutical: Quality control	Aristo Pharmaceuticals Pvt. Ltd.	Bhopal, MP

14	DIPAS Neurobiology work	Defence Institute of Physiology and Allied Sciences (DIPAS, DRDO)	Delhi
15	Basic of industrial microbiology	Intas Pharmaceutical Ltd.	Ahemdabad, Gujrat
16	Drug analysis using HPLC	Ranbaxy Laboratory Ltd.	Gurgoan, Haryana
17	Test for material used in parle-G using various techniques	B. D. foods Pvt. Ltd.	Varanasi, UP
18	Overview of Indian drug regulatory system	World Health Organization (WHO)	New Delhi
19	Quality testing of dairy products	Mother Dairy Fruit and Vegetable Pvt Ltd.	Delhi
20	Urea manufacturing plant	Indian Farmers Fertilizer Coopertive Limited (IFFCO)	Aonla, UP
21	Method development for released substance and assay of esomeprazole magnesium	Jubilant Lifesciences Pvt. Ltd.	Noida, UP
22	Chemical and microbiological analysis of milk and milk product	Pradeshik Coopertaive Dairy Federation Ltd.	Lucknow, UP
23	Molecular detection of hpv in cancer patient	Dr. Ram Manohar Lohiya Institute of Medical Science	Lucknow, UP
24	Quality control in food industry	Haldiram's Snacks Pvt. Ltd.	Noida, UP
25	Clinical testing	JK Hospital	Bhopal, MP
26	Pathology laboratory testing	P. Bhasin Path. lab Safdarjung Hospital	New Delhi
27	Learning of pathology diagnostics	P. Bhasin Path. lab Safdarjung Hospital	New Delhi
28	Diagnostics tests in medical biotechnology	Jai Prakash Dist. Hospital	Bhopal, MP

29	Recent tools and techniques in cellular, molecular and biological research	Sanjay Gandhi Post Graduate Institute of Medical Sciences (SGPGIMS)	Lucknow, UP
30	Cloning cathepsin B promoter into vector	All India Institute of Medical Sciences (AIIMS)	New Delhi
31	Quality control in food industry	Haldiram's Snacks Pvt. Ltd.	Noida, UP
32	Tool and techniques in hospital labs	Sri Balaji Acton Medical Institute	New Delhi
33	Clinical testing	Rungta Hospital	Jaipur, Rajasthan
34	Molecular genetics laboratory techniques	Institute of Cytology & Preventive Oncology (ICPO)	Noida, UP
35	Sterilization by different techniques at cssd	Pushpanajali Hospital	Ghaziabad, UP
36	Molecular biology techniques	King George's Medical University (KGMU)	Lucknow, UP
37	<i>In silico</i> drug for interstitial lung disease against p-53 protein	Bioinformatics Institute of India (BII)	Noida, UP
38	Basic techniques for molecular biology and cell culture	The National Bureau of Fish Genetic Resources (NBFGR)	Lucknow, UP
39	Production of ethanol on large scale	Saraya Distillery Sardarnagar Pvt. Ltd.	Gorakhpur, UP
40	Kidney hemo-dialysis	Nephrene Renal Care Pvt. Ltd.	New Delhi
41	Clinical practical approach	Shadab Imaging & Diagnostic Centre	New Delhi
42	Extraction of essential oil from lemongrass and performed various physio chemical analysis of its soil	Biotech Park	Lucknow, UP

	and oil using various analytical technique		
43	Bioremediation of oil by microorganisms	Codon Biotech Pvt. Ltd.	Noida, UP
44	Genomic analysis	NBPGR (National Bureau of Plant Genetic Resources)	New Delhi
45	Quality improvement of Indian mustard	Centre for Genetic Manipulation of Crop Plants	New Delhi
46	Pharmacogenomics	Acton Biotech Pvt. Ltd.	Pune, Maharsashtra
47	Cellular and molecular pathways for particulate exposure	IIT Jodhpur	Jodhpur, Rajasthan
48	Manufacturing and quality control	Technoparm Pvt. Ltd.	Kanpur, UP
49	Growth analysis of mammalian cell culture, its maintenance and isolation of specific protein	Jawaharlal Nehru University (JNU)	New Delhi
50	Evaluation of effect of carbohydrate sources on penicillin production by submerged fermentation and its partial purification	Codon Biotech Pvt. Ltd.	Noida, UP
51	Cancer predisposition testing	Acton Biotech Pvt. Ltd.	Pune, Maharsashtra
52	Diabetes testing	Acton Biotech Pvt. Ltd.	Pune, Maharsashtra
53	Immunological analysis of vaccines	Panacea Biotech	Noida, UP
55	Molecular characterization of drosophila melanogastet and its bacterial endosymbionts using 16srna	Delhi University (DU)	New Delhi
56	Genomic analysis	National Bureau of Plant Genetic Resources (NBPGR)	New Delhi
57	Basic analytical techniques:	Biotech Park	Lucknow, UP

	extraction of essential oil from lemon grass and study soil analysis by using modern analytical equipments		
58	Analysis of different <i>Brassica</i> sp. and varieties for erotic acid and glucosinolate content by gas chromatography near infra red spectroscopy and hplc	Centre for Genetic Manipulation of Crop Plants	Delhi
59	Analysis of antifungal activity of alcoholic and aqueous extracts of the leaves and aerial roots of <i>Ficus benghalensis</i> on <i>Aspergillus niger</i> , <i>Aspergillus flavus</i> and <i>Alternaria alternate</i>	Codon Biotech Pvt. Ltd.	Noida, UP
60	Analysis of antifungal activity of alcoholic and aqueous extracts of the leaves and aerial roots of <i>Ficus benghalensis</i> on <i>Aspergillus niger</i> , <i>Aspergillus flavus</i> and <i>Alternaria alternate</i>	Codon Biotech Pvt. Ltd.	Noida, UP
61	Virology, parasitology and bacteriology departments	Regional Medical Research Council for Tribal (RMRCT)	Jabalpur, MP
62	Techniques used in protein purification	Premas Biotech Pvt. Ltd.	Gurgoan, Haryana
63	Molecular biology techniques	Institute of Molecular Science (IMM)	New Delhi
64	Extraction, quality assessment and rectification of patchouli oil	SOM Xtracts Ltd.	Delhi
65	Production of bio ethanol from lignocellulosic material	South Campus Delhi University	Delhi
66	Fabrication of conducting polymer based nucleic acid biosensor	National Physical Laboratory (NPL)	New Delhi
67	Estimation of enzyme activity in	IIT-BHU	Varanasi, UP

	different commercial agents		
68	Cancer detection	Core Diagnostics Pvt. Ltd.	Gurgoan, Haryana
69	Basic molecular biology and biotech techniques	ABC Genomics Pvt. Ltd.	Lucknow, UP
70	Isolation selection screening and production of protease form bacillus sp.	Technology Based Incubator (TBI)	New delhi
71	Synthesis and characterization of calcium carbonate nanoparticles by bacteria	Aligarh Muslim University (AMU)	Aligarh, UP
72	Techniques used in protein purification	Premas Biotech Pvt. Ltd.	Noida, UP
73	Artemisinin resistance	National Institute of Malaria Research (NIMR)	New Delhi
74	Biochemical and plant tissue culture study of glycine max	SP institute of Biotech Training & Research	Jaipur, Rajasthan
75	Studies on stability of organically modified silica nanoparticles curcumin complex and preparation of hyaluronic acid conjugated organically modified silica nanoparticle curcumin complex	Raja Ramanna Centre for Advanced Tech.	Indore, MP