

CURRICULUM VITAE

PERSONAL DATA

Name: Sandip Hirapara
Address: 21-Vikram Park Soc, Near bajarang ashram,
Bapunagar, Ahmedabad-382350
Date of Birth: 31.12.1989
Place of Birth: Kalsari, Gujarat, India
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WORK EXPERIENCE

Feb 2013 – to date Quality Manager at **Xcelris Genomics**, Ahmedabad, Gujarat, India.

Main activities and Responsibilities:

Manufacturing of DNA, RNA and plasmid isolation kits
Quality controls of manufacturing products and kits
Issuing and maintaining monthly and daily records according to-
- ISO 9001:2008 and ISO 15189:2012 (NABL for Medical Laboratory)
Documentation and control
Handling of deviation, change control
Handling and controlling of Master Formats and Standard Operating-
-Procedure
IPQA checks for maintain in process documentation.
Maintain Calibration of Instruments periodically
Retain sample and stability sample management
Handling and logging quality management system like, Change-
-Control reports, MRM (Management Review Meeting), CAPA Reports

EDUCATION AND TRAINING

May – Dec 2012 **Master thesis**
“Cryopreservation, Lyophilization, and DNA optimization protocol from
Terminalia arjuna, *Terminalia catappa*, *Terminalia chebula*, *Jatropha*
curcas, and *Jatropha gossypifolia*”

Supervising Tutor: Dr. Madhavi Joshi
Department of Science and technology, Gujarat State Biotechnology
Mission, Gandhinagar, Gujarat, India

EDUCATION AND TRAINING

2007 – May 2012 **Master of Science (Integrated M.Sc.-5.5 year)**
Shree P.M. Patel Institute of Integrated M.Sc. In Biotechnology,
Sardar Patel University, Vallabh Vidhyanagar, Anand, Gujarat, India
Degree: Master of Science
Major: Industrial Biotechnology
Additional: Genetics/ Medical Biotechnology
Percentage (%): 65 (Aggregated 1 to 11 Sem.)

School

Jul 2005 – Mar 2007 Higher secondary certificate examination (10+2 pattern)
Gujarat Secondary Education Board, Gandhinagar, Gujarat India

Percentage (%): 70.80

2004- Mar 2005 Secondary certificate examination
Gujarat Secondary Education Board, Gandhinagar, Gujarat, India

Percentage (%): 63.43

PERSONAL SKILLS AND COMPETENCES

Methodology Knowledge

Molecular biology: DNA-extraction from (Plant, Bacteria and Blood)
DNA-Gel-electrophoresis
PCR (standard, recombinant, Real-time PCR)
MTB-PCR (Mycobacterium Tuberculosis-PCR)
Sequencing on ABI 3730xl (Applied Biosystem)
Primer Synthesis (Dr. Oligo)
SNP Genotyping

Biochemical methods: SDS-PAGE, Biochemical activities (Amylase, DNase,
etc.)

Immunological methods: ELISA
RID (radial immune diffusion)
RIA (radio immune assay)

Cell-biological methods: Cell-Culture, (Animal and Plant tissue culture)

Bioprocessing engineering: Batch and Continuous

Molecular Analytical Techniques: GC-MS, LC-MS, HPTLC, HPLC

Presentations

Oral presentation on “**Consistent and reliable approach towards Production of Biodiesel**” at Bapatla engineering college, Bapatla, Andhra Pradesh.

Poster presentation on “**Restoration of Vision Using Ocular Gene Therapy**” at ARIBAS. New Vallabh Vidhyanagar, Anand, Gujarat.

Model presentation on “**Biodiesel**” at ARIBAS. New Vallabh Vidhyanagar, Anand, Gujarat.

Languages

Gujarati	Mother Language
Hindi	National
English	Advance level
German	Basic Level

Computer Skills and Competences

Programming	C, ORACLE (Basic)
Others	MS Office (Word, Excel, Powerpoint, Outlook),

Social skills and Competences

Responsibility, self-respect, and self-reliance

Experienced in communicating with colleagues and project partners

Hard working, goal-oriented, and organized person

DECLARATION

I certify that the above information is correct and true to the best of my knowledge and belief.