



Green Skills: A Need of the Hour



Sponsored by:

Ministry of Environment, Forests and Climate Change, Government of India

ENVIS Resource Partner on:

Environment Literacy - Eco-labelling and Eco-friendly Products

Contents

Green Skill for a green economy	3
A report on Course:	5
Laboratory Technicians/Technical Assistants for Energy Efficiency, Star Labeling and Other Electrical Testing for Environmental Criteria	
A report on Course:	12
Laboratory Assistant for Food Testing Laboratory with Eco-friendly Practices	



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FOREWORD

Environmental challenges raise serious concerns for the welfare of current and future generations. There is a need to join forces helping to realise the potential for green jobs. The green jobs initiative by United Nations Environment Programme (UNEP), International Labour Organisation (ILO), International Trade Union Confederation (ITUC) and International Organisation of Employers (IOE) highlighted the dual challenge of green jobs to make economic growth and development compatible with climate stabilisation and a sustainable environmental footprint. Green sectors require new jobs, but they also need to redefine many existing job profiles.

The pace of green job creation is likely to accelerate in the years ahead. A global transition to a low-carbon and sustainable economy can create large numbers of green jobs across many sectors of the economy and indeed can become an engine of development. Current green job creation is taking place in both the developed countries and in some major developing economies. The demand for new related skills will also rise in most occupations. To meet this challenge, education and training systems will need to supply a well-trained, highly skilled labour force. To achieve this we need comprehensive lifelong learning strategies and training systems that integrate sustainable development and ensure that the right skills are supplied.

Green jobs span a wide array of skills, educational backgrounds, and occupational profiles. In line with the Skill India Mission of Hon'ble Prime Minister, Ministry of Environment, Forest & Climate Change (MoEF&CC) utilising the vast network and expertise of Environmental Information System (ENVIS) Hubs/Resource Partners, has taken up an initiative for skill development in the environment and the forest sector to enable India's youth to get gainful employment and/or self-employment, called the Green Skill Development Programme (GSDP).

Consumer Education and Research Centre (CERC) - ENVIS Resource Partner with the help of CERC's NABL accredited laboratories at Testing Organisation For Research In Chemical And Health Hazards (TORCH), CERC and with the support of the Ministry of Environment, Forests & Climate Change (MoEF&CC), CERC-ENVIS RP has initiated two training courses under the GSDP. These courses have been designed for Graduates who have displayed a keen interest in technology and desire to gain the knowledge on global practices of Product Testing Laboratories and Research Organisations.

This issue covers the details of these training courses and how these courses have moulded the students and prepared for their future endeavours.

Green Skill for a green economy



The transition to a green economy requires a workforce with the right skills. The green economy has a huge, long term potential in terms of both environmental stability and financial growth. All economic sectors indicate that there is a growing demand for skills in the context of the green economy. These skills are at all levels and of many types. There is evidence of demand for a workforce with generic green skills across all types of firms and sectors. Many of the skills required to support the transition to a green economy will not be new but will involve doing existing activities with a distinctive green economy awareness and understanding.

Green Skills are skills of sustainability, also known as technical skills, values or attitudes required in work to develop or support the sustainability of the social activities, the economy and revenue in business, industry and the community.

According to the International Labour Organisation (ILO) report “World Employment and Social Outlook 2018: Greening with Jobs” 24 million new jobs will be created globally by 2030 if the right policies promote a greener economy are put in place. The study by the ILO “Skills for Green Jobs: A Global View” examines that 21 countries, which represents 60% of the world population shows the global economies is moving towards greener production. There is a potential for job creation if they deal effectively with the structural change and transformation of existing jobs. The report also studied the experiences of developed and developing countries in adjusting their training provision to meet new demand of a greener economy. The study shows that skills development is critical to unlocking the employment potential of green growth, yet skills shortages are becoming an obstacle in realising this potential. To avoid future skill shortages, the report recommends that countries devise strategies based on well-informed policy decisions, social dialogue, and coordination among ministries and between employers and training providers.

The Government of India aligned to the National Skill Development Mission launched “Skill Council for Green Jobs.” It is promoted by the Ministry of New and Renewable Energy (MNRE) and Confederation of Indian Industry (CII). The objective is to identify skilling needs of service users as well as manufacturers/ service providers, within Green Businesses sector, and implement nation-wide, Industry led, collaborative skills development & entrepreneur development initiatives that will enable meet India's potential for “Green Businesses.”

Technical and Vocational Education plays an important role in contributing to the source of skilled manpower. There is a need to emphasize sustainable development in producing competent

Green jobs are central to sustainable development and respond to the global challenges of environmental protection, economic development and social inclusion.

students. Green skills that have a significant association with green technology will contribute to sustainable development in terms of the environment, economy and social activities. Green skills need to be incorporated into the education

An inclusive green economy is one that improves human well-being and builds social equity while reducing environmental risks and scarcities.

system as one of the measures to provide skilled labour and at the same time act as an agent of sustainable development in various aspects. They will produce a workforce that is competent and able to contribute to the preservation of the environment in the long term.

Source: http://www.ilo.org/global/publications/ilo-bookstore/order-online/books/WCMS_159585/lang--en/index.htm <http://sscgi.in/>, https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/32373/11-1315-skills-for-a-green-economy.pdf



A Report on Course :

Laboratory Technicians/Technical Assistants for Energy Efficiency, Star Labeling and Other Electrical Testing for Environmental Criteria

Shweta Mahajan

Training In Charge and DGM Electrical (Lighting/Fans/Home Appliances, Motors & Pumps/ Energy) Cell
Consumer Education and Research Centre, Ahmedabad



This training course was designed for technically qualified youth in the country for making them competent by imparting basic knowledge and requisite testing skills for products manufactured with green technology. The programme caters to the growing needs of the electrical industry and is especially oriented to serve the needs of the motor & pump industry.

The aim of the course is to provide training in CERC's NABL accredited, BIS recognized Electrical product testing laboratory on the concepts of star labeling criteria & eco friendly practices adopted by the industry for sustainable future.

Training Manual

A training manual was prepared as a handy tool of knowledge on green skills for personnel that

can be designated as Technical assistants for electrical product testing and Quality assurance.

The manual was prepared with photographs, names of safety equipments & tools for ease of understanding. It is written in a creative way to make the candidates understand every aspect of testing in a comprehensive way. It covers important topics on:

- Mandatory Safety requirements for electrical products testing laboratory.
- Quality system and Technical requirements
- Methods of up keeping of laboratory tools, instruments, equipments, test system.
- Details on Maintenance, Calibration, Cross verification techniques and formats for maintaining records of each.
- Relevant test methods in details for conformity assessment

- Methods of identifying eco-friendly star labelled electrical products.
- Details on electrical products covered under energy star labeling criteria by Bureau of Energy efficiency.
- Testing techniques for environmental criteria.
- Green Skills for sustainable development with tips & habits to be cultivated to save energy cost to contribute towards global challenges of climate change.

Syllabus

Course syllabus was prepared by CERC's own qualified and experienced staff of Electrical Laboratory. The syllabus is designed keeping in mind the expectations industry has from job seekers. Suggestions were taken from industry experts and subject experts to make it comprehensive, which covers a broad category of competence levels in terms of professional knowledge, professional skills, core skills, responsibility & process.

Selection of Candidates

Received a lot of applications from candidates all over the India after the announcement of the course by the Ministry of Environment, Forest & Climate Change, New Delhi in 'Times of India' dated 15-5-2018 & in 'Ahmedabad Express (Gujarati Newspaper)' dated 16-5-2018.

A written test and an interview were held on 11-6-2018 at CERC-ENVIS. A selection committee comprising of subject experts selected 15 candidates by judging their technical and core capabilities.

Inauguration of the Training Programme

It was held at 'Ahmedabad Management Association' on 3/7/18. Mr. Bharatbhai Patel,

Managing Director, Waterman Industries Pvt. Ltd., Ahmedabad and Immediate Past President of Indian Pump Manufacturer's Association (IPMA) was the 'Guest of Honour.' The programme was attended by CERC's



management, staff members, prominent industry experts, consultants and professors.

Training schedule

'Training Schedule' planned by Training-In-Charge Ms. Shweta Mahajan for the months of July and August 2018 was given to all the candidates.

Training

Training at CERC-ENVIS campus was started from 2/7/18 with orientation to various sections of CERC and the state of the art product testing laboratories.

All candidates were given bags with course material (covering important formulas used for





analysis & solutions under various test conditions) stationary items, testers & safety helmets.



Internal and external faculty members

Following Internal & External faculty members/experts have made the training programme interesting and successful with their presentations and On-the-Job Training (OJT) skills.



Internal Faculty

Ms. Shweta Mahajan

External Faculty:

(Industry experts, Subject experts)

1. Dr. Chetan Upadhyay
2. Mr. Mihir Vasavada
3. Mr. R.P. Singh
4. Mr. C.D. Shah
5. Mr. Devang Jhaveri
6. Mr. G.T. Panchal

Major topics were covered

1. Energy Conservation Act & Bureau of Energy Efficiency (BEE)
2. Voluntary & Mandatory labeling schemes of BEE
3. Varieties of labels used on appliances as energy saving guides
4. Misuse of Energy Star labels, search & seizures by BEE
5. Checking the authenticity of star labels on various electrical products
6. Environmental pollution due to the noise created by electrical products, accessories, home appliances etc.
7. Energy efficient ceiling fans Quality assurance techniques
8. Inter laboratory comparisons & Z score analysis
9. Retesting & Replicate testing
10. Renewable energy
11. Energy efficient motors & pumps
12. Solar pump sets.

Demonstrations on testing of Submersible Pump sets

Demonstrations on Electrical Products

Candidates were given 'Hands on Training' on a sample of submersible pump set, manual chain pulley system, spring balance, stop watch and temperature indicator procured under GSDP grant.



Candidates were explained about the methodology of interpretation of Indian Standards with other relevant references of main specifications and amendments.

Instrumental analysis was demonstrated to collect quantitative scientific data for analysis with graphs. They were given exposure to cyclic operations and D-section of products.

The candidates' learning was regulated and



examined through practical tests performed by them, presentation of conclusions and everyday interactions with individual candidates. They were also given group studies.

Faculty members invited to give exposure to entrepreneurship

1. **Mr. Chandramauli Pathak, Sr. Faculty, Entrepreneurship Development Institute of India, Ahmedabad**
2. **Mr. Kashyap Vachcharajani (Expert on finances for startups)**

Presentation on Consumer complaints and role of CERC was given by the Head, Complaints Department and presentation on Misleading Advertisements was given by Education & Research Department.

Field visits & Exposure to industries

1. **Visit to M/s. Waterman Industries Pvt. Ltd., Changodar on July 16, 2018**

The field visit to M/s. Waterman Industries Pvt. Ltd., Changodar was very educative and informative. The candidates learnt production side techniques, listed below :

- Unidirectional processing of product
- Burnishing of rotor
- Atomization for calculation of turns
- Process of winding in stator slots
- Painting of motor using ring type conveyor belt
- Use of hydraulic press for compressing stator laminations.





2. Visit to T-Square Motors on August 10, 2018

This field visit provided the candidates with exposure to a start up. Candidates gained knowledge on three requirements (3M) for start up.

- Money power
- Manpower
- Marketing power

Candidates gained important technical knowledge on how to manufacture frictional HP motors. They learnt concepts of:

- Centrifugal switches used for CSCR motors.
- Knowledge of eddy current losses
- Knowledge on proper poles and slots. Pull out and pull up torque



3. Visit to Shalin pumps on July 10, 2018

- Candidates received complete knowledge on manufacturing of submersible pumpsets.
- Exposure to balancing test on impellers and rotors
- Epoxy painting on rotors as per requirement of standard.
- Assembling of different parts of the pump
- Identification of parts.



Thus, visit to small scale industry like Shalin gave them an actual idea about the product development and design.

4. Visit to M/S La-Gajjar Machineries Pvt. Ltd. on August 28, 2018



- Exposure to machinery with new technology like automatic winding machine.
- Automatic Insulating machine
- Cable joint process with monoplast.
- Assembling of upper housing & Rotor Housing in Motor.
- Varnishing on turns.
- Method of finding leakage in stator body.
- Construction of oil filled submersible motor

Visit of ENVIS Secretariat

ENVIS Secretariat Dr. Anandi Subramaniam and National coordinator Shri. Kumar Rajnish visited CERC on 14/8/2018 and had interactions with



management and laboratory heads on training programme, future course of actions, and discussed with candidates under training for their feedback on the ongoing course.

Final evaluation of trained candidates

Exam paper of 100 marks was prepared to decide on skills of level 6 NSQF qualifications, including a written test and practical. After final evaluation, certificates were issued to 15 candidates through Mr. Chandan Bahl, Director, Bureau of Indian Standards, Ahmedabad, Mr. Bharatbhai Patel, Chief Guest and Mr. P.R. Amin, Chairman TORCH during The valedictory function held at AMA Hall on August 31, 2018.

Efforts made for Career counseling and placement of candidates

A database of candidates was prepared. Personal phone calls were made and emails were sent to HR departments of following industries and laboratories. Candidates were thus provided with opportunities for interviews.

- Waterman Industries, Changodar
- La-Gajjar Machineries Pvt. Ltd., Ahmedabad
- ERDA, Baroda
- TESLA, Gandhinagar

- Star Labs, Himmatnagar
- Krishna Instruments, Rajkot
- Aarohi Embedded Systems, Rajkot
- RETARC Lab, Rajkot
- Angel Pumps, Rajkot
- Kirloskar Brothers Ltd., Sanand & Pune
- Chiripal Group of Industries, Ahmedabad
- Duke Pumps, Himmatnagar
- Plugra Franklin, Baroda

Placement Opportunities

Candidates were supported with career counseling and placements. With our placement efforts, we were successful in giving job opportunities to twelve candidates out of fifteen.

Fresh Diploma/Degree candidates were placed with a salary of 2.88 lacs/annum and about 2 lacs per annum, with an annual increment of 20 to 30%. ITI candidates were placed with about 1.5 lacs per annum. Four candidates have joined the companies.

Other selected candidates did not accept the job due to following reasons:

1. Exams for Government jobs. (in October)
2. Exams for Higher studies (in October)
3. Long distance from their home town.
4. Offered a job, but it was not as per their salary expectations.

Training for Master Trainers

Selected four candidates out of fifteen trained during July-August 2018 for training as 'Master Trainers' as per requirements of MoEF&CC.

- Organized training for Master Trainers from September 17, 2018 to September 23, 2018.



- Conducted Theory and Practical Examinations for Master trainers. The assessment was carried out on the basis of lab data sheets, Viva-voce test and individual excellence in performing relevant tests with interpretation of standards.

Testimonials

1. The training was good enough to learn the various equipments practically. We also got the knowledge of energy efficiency and star labeling. Also studied various standards.

– **Er. Ghanshyam Mirani**

2. In this course, I have learned how to save the environment through technical skills. I have also gained the knowledge about NABL.

- **Lokesh Jain**

3. My knowledge has been increased on Green Technology as well as on Energy Saving technology by this GSDP Course.

- **Subha Ghosh**

4. I do not have any idea about the energy efficiency of the electrical products. After

getting training, I got the knowledge how energy efficient products not only protects the environment, but also increases the efficiency and longevity of the products.

- Amit Bhunia

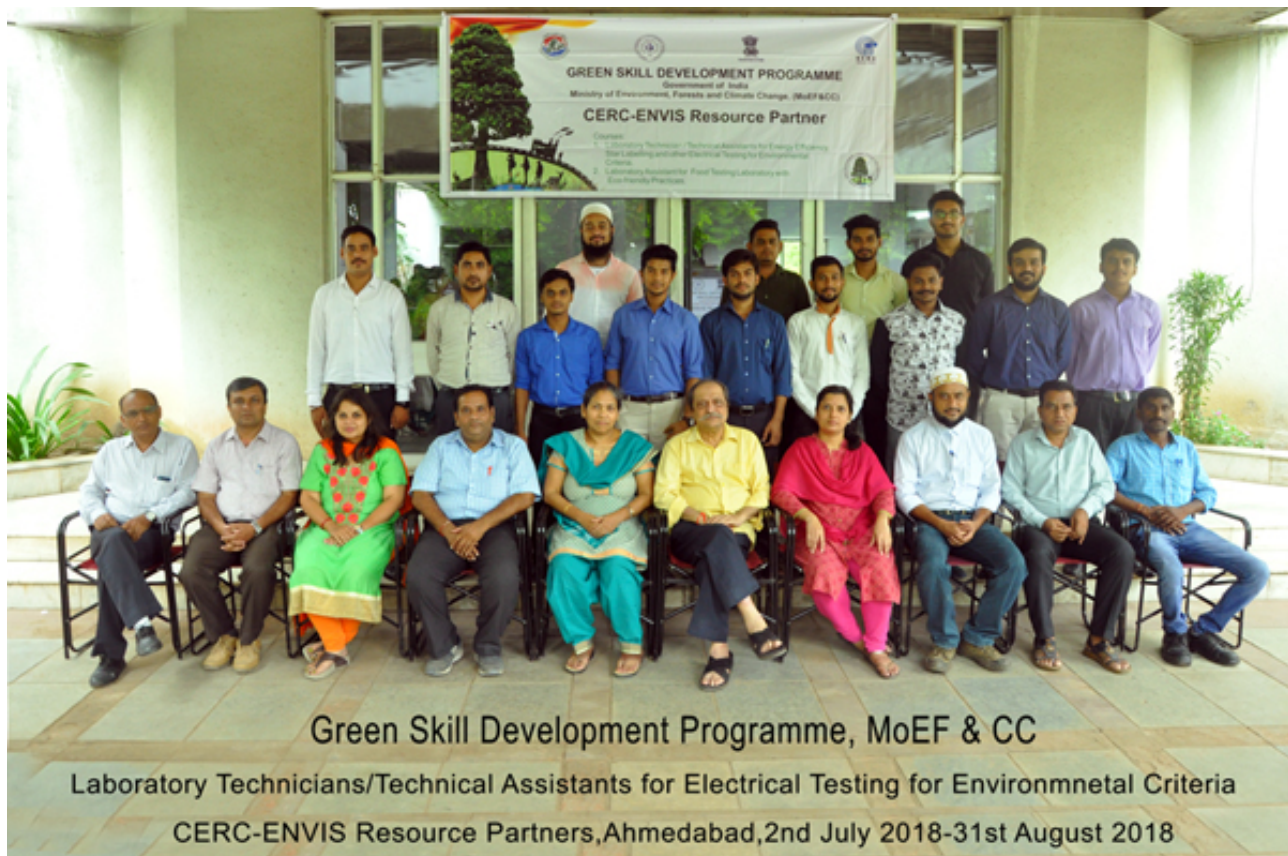
Companies

The level of professional knowledge and skill acquired by ITI candidates through this course is admirable. All candidates are trained systematically trained for BIS benchmarks.

- Mr Vishal Pandya, CEO, P Tej Calibration Centre & Star Labs

Training imparted to candidates is excellent. Candidates interviewed were found to be ready for a job with the core skills and a sense of responsibility.

- Mr Hiren Sondagar, Head HR, Waterman Industries



A report on Course:

Laboratory Assistant for Food Testing Laboratory with Eco-friendly Practices

Dr Dolly A Jani

Training In Charge and Senior Manager

Food Laboratory, Consumer Education & Research Centre



To meet with the growing needs of skilled manpower of industry as well as testing laboratories, Consumer Education and Research Centre - Resource Partner (CERC-ENVIS RP), with the support of the Ministry of Environment, Forests & Climate Change (MoEF&CC), conducted training course on **“Laboratory Assistant for Food Testing Laboratory with Eco-friendly Practices”** under the Green Skill Development Programme (GSDP).

The aim of this course was to impart the requisite knowledge and skills, through classroom activity as well as hands-on training in CERC's laboratory, supported by relevant industry visits. The faculty consisted of CERC's qualified and experienced laboratory personnel as well as a galaxy of visiting experts. The two-

month course culminated in a joint certification by Ministry of Environment, Forests and Climate Change and CERC after due evaluation.

The first batch of the training was scheduled from 1st July 2018 to 31st August 2018 at CERC, Ahmedabad, Gujarat. An advanced evaluation for registered Master Trainers was followed up in the month of September 2018 also in CERC campus.

Objectives and Expected Outcomes

Training to food laboratory technicians is a pre-requisite for ensuring quality & safety in analytical environment. CERC and CERC-ENVIS RP have designed and developed this course to ensure widespread and effective delivery of training to food businesses with emphasis on

green laboratory practices. This training is aimed at certifying the laboratory personnel as it is envisaged to make this a regulatory requirement under the GSDP.

As evident, this programme caters to the growing needs of the food sector. This course has been designed for Science Graduates who have displayed a keen interest in technology and desire to gain the knowledge on global practices of food product testing laboratories and research institutes. The candidates were selected on the basis of qualifying a written test followed by an interview.

During the training, they are being given the basic introduction and provided hands-on training in various analytical techniques used in food laboratories. They are introduced to – nutritional aspects, food safety standards and laboratory accreditation system. They have been imparted knowledge regarding Good Laboratory Practices (GLP), sampling procedures, documentation; operation, calibration and maintenance of laboratory equipments. Information regarding eco-friendly laboratory waste management and laboratory safety measures is also given. They also got hold of an introduction to entrepreneurship education. The intent was to expose students to perceive their own entrepreneurial self-efficacy and entrepreneurial intent.

The expected outcomes of the programme were:

- To create a Green Skill Personnel who can establish eco-friendly food laboratory methods.
- To be proficient in Eco-friendly Good Laboratory Practices

- To be well versed with sample preparation, operation and maintenance of laboratory equipments
- To gain basic knowledge of food regulatory standards and laboratory accreditation
- To acquire knowledge about laboratory waste disposal with as per sustainability criteria.

Training Manual

A Training Manual was prepared in order to train the personnel that can be designated as Technical Assistants in the food manufacturing and quality assurance sector. This manual details the requirements on safety & quality control to be followed by personnel engaged in the food laboratory. It is based on the requirements of Food Safety Standards Regulations, 2011 along with the industry best practices. It has been designed according to the flow of operation in the food industry for ease of understanding of the laboratory staff. This comprehensive manual is supplemented with Standard Operating Procedures specific to the food laboratory for facilitating the trainers.

The manual is structured to provide essential information in a standardized, logical and systematic manner while adhering to effective teaching and learning strategies. It is composed of three sections. Chapters-(1-14) elaborate on the principles and methods of Good Food Laboratory Practices; Chapter-15 introduces and elucidates the Safety Requirements in a Chemical Laboratory; and Chapter-16 explains the environment friendly practices for laboratories and its criteria. Each section has a specific training module which is customized to meet the specific needs of the trainees.

Course Module

The course comprised of four weeks each of classroom lectures and practical training. The concluding sessions entailed a week of assessment and related exercises. Thus a total of nine weeks or approximately two months course schedule was lined out. The main components of the training curriculum were as mentioned below:

1. Introduction of Food, Nutritional Aspects and Safety Standards.
2. Introduction of Laboratory Accreditation
3. Eco Friendly Maintenance of Laboratory Practice
4. Eco Friendly Laboratory Waste Management
5. Introduction of Basic Laboratory Safety Equipments and their functions
6. Exercises and Assessment

Commencement of Training

The training program was initiated on July 2, 2018, during which orientation was given and introductory sessions were held for the first batch of trainees consisting of eleven candidates.

The training was conducted at CERC's in-house Laboratory headed by Dr Dolly A Jani (Training In charge). The faculty was efficiently strengthened

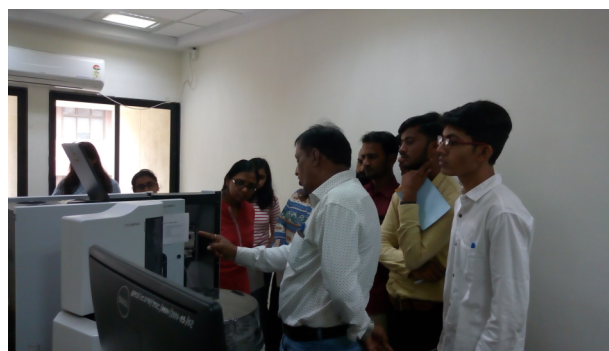


by Laboratory demonstrators - Ms Kanaklata Goswami and Ms Bhumika Patel. The two-month training was supplemented with two field visits to - Gujarat Pollution Control Board's Laboratory and Ahmedabad Municipal Corporation's Public Health Laboratory.

The formal inaugural ceremony was held on July 3, 2018 at Ahmedabad Management Association, Ahmedabad. The Chief Guest of the programme was Dr H.G. Koshia, Commissioner of Gujarat State Foods & Drugs Control Administration (FDCA), Gandhinagar.

Field Visit I

August 7, 2018. A study tour was arranged to Gujarat Pollution Control Board (GPCB)'s Sophistication Analytical & Research Laboratory (SARL) at Gandhinagar. The students benefitted from getting a closer look and hands-on experience of the world class facility for environmental and scientific analysis with NABL



accreditation. The state of the art Environmental Laboratory is equipped with advanced scientific instruments with essential supplementary facilities that would help all stakeholders in analysis of wide environmental samples. The highlights of the visit were:

- Exposure to analysis of wide environmental samples like water (ground, surface, sea, waste) sludge, soil,

industrial, domestic effluents, agriculture and food samples;



- Well experienced and adequate scientific staff;
- Demonstration of the working on sophisticated instruments:
 - 1) High Resolution Gas Chromatograph – High Resolution Mass Spectroscopy (HRGC-HRMS)
 - 2) X-Ray Diffractometer (XRD)
 - 3) High Performance Liquid Chromatography and Triple Quadra pole Mass Spectroscopy (LCMS/MS)
 - 4) Inductively Coupled Plasma-Mass Spectroscopy (ICP-MS)
 - 5) Gas Chromatograph with Nitrogen Phosphorous Detector (GC-NPD) and Flame Photometric Detector (GC-FPD)
 - 6) Volatile Organic Compound (VOC) Analyzer-Bench Type
 - 7) Gas Chromatograph with ECD, FPD and FID (GC-FPD & FID)
 - 8) High Performance Liquid Chromatograph (HPLC)
 - 9) UV-Visible Spectrophotometer
 - 10) Spectro fluorometer

Field Visit II: August 14, 2018

A study trip was arranged to Ahmedabad Municipal Corporation (AMC)'s Public Health Laboratory with state of the art food testing facilities. This is an NABL accredited laboratory in Chemical and Biological scope of activities. The training included hands-on training for test

parameters to check the purity and quality of oils and fats. The trainees were also shown around the sophisticated equipments. They explained the process of sample receipt, coding, testing



and reporting procedures as per NABL guidelines. The students were also given a demonstration of the tests for adulteration in common food items.

The trainees were instructed to submit their field visit reports after each study tour.



Seminar/presentations

External faculties/ experts were invited to take up sessions on – (1) Introduction to NABL – importance and requirements; (2) Entrepreneurship; (3) Finance and banking for





entrepreneurs and (4) Misleading Advertisements.

Lectures/Practicals

The training was systematically carried out according to the topics lined out in the course



module. Each student was provided with a training kit consisting of Training Manual; general stationery items; laboratory protection gear like aprons, safety goggles, gloves and napkins, etc. The lectures and practical sessions



were continually held for nine weeks as per the descriptions in the Training Manual. Various aspects of food testing and good laboratory practices were covered in details via this training.

Visitors from ENVIS Secretariat

Dr. Anandi Subramanian and Mr. Kumar Rajnish



dignitaries from Delhi paid a visit to CERC's training centre at the Laboratory on 14th August 2018. They interacted with the trainees and



faculties in order to assess the ongoing training and also invited comments/ suggestions for future direction.

Evaluation and Assessment

The candidates were assessed and evaluated on the basis of a written test and a practical examination. They were also graded for their





respective Field Reports, Journals and performance in the Viva-Voce. The entire exercise was scheduled and completed between 23rd and 30th August 2018.



Valedictory Function

To conclude the two-month training a valedictory function was organized at Ahmedabad Management Association on 31st August 2018. The chief guest of the day was Sh. Chandan Bahl, Director, Bureau of Indian Standards (BIS), Ahmedabad. The presidential speech was delivered by CERC's Chairman Trustee Dr. V.G. Patel. The trainees were awarded certificates upon successful completion of the training programme.



Placement Visits

A placement brochure was prepared with the CV's of all the trainees and it was circulated to prospective employers such as Testing Laboratories, Food Industries and Research Institutions etc. Arrangements were made to attend placement interviews/written test at the following:

- 1) Gajanand Foods Pvt. Ltd, Santej
- 2) Kanhai Foods (Kalory Bakery Products), Thaltej
- 3) Daffodil Pharma, Navrangpura
- 4) Posy Laboratory, Sarkhej
- 5) Uttam Dairy, Gomtipur

Subsequently, a few of the candidates were selected and offered placements in the above mentioned companies.

Master Trainer Evaluation

On the basis of their aptitude and performance during the two-month training course, four of the successful trainees were selected for the

Master Trainer's programme. They were imparted one-week intensive coaching followed by theory and practical test respectively. They were assessed on their ability to train other candidates and thus qualify as skilled Master trainers.

Testimonials

I was very interested to know about the chemical aspects of food testing. The training included theory and practical sessions, which were conducted regularly. After two months I feel well equipped to be a lab assistant at food lab. Along with this, CERC even helped to get us interviewed at various companies

- Shreya Thakar

The course was well designed and framed by the faculties of CERC

- Kruti Shah

Apart from the course, we also got important information which helps me to shape my career

- Neha Kushwaha

Practical aspect of the course has made me more knowledgeable which we were lacking in our graduate courses

-Manish Prajapati

Appreciation

GPCB Laboratory in charge Shri KB Vaghela offered his support and cooperation in providing hands-on training on sophisticated instruments for future programmes.

Public Health Laboratory (AMC) Quality Manager Shri Atul Soni appreciated the training programme and suggested collaborating in future for such courses. The students were also given guidance regarding Governments exams for Junior Analyst and Food Analyst that are conducted annually by FSSAI.

Faculty and students of B.Voc Food Processing Technology, Gujarat Vidyapith expressed keen interest in joining such training programme and internship involving course curriculum akin to GSDP.

Food business companies such as Kanhai Foods (Kalory Bakery), Uttam Dairy and Gajanand Foods & Spices were impressed with the GSDP training programme and offered support in placement of the trainees after conducting interviews at their premises.





The Environmental Information System acronymed as ENVIS was implemented by the Ministry of Environment & Forests by end of 6th Five Year Plan as a Plan Scheme for environmental information collection, collation, storage, retrieval and dissemination to policy planners, decision makers, scientists and environmentalists, researchers, academicians and other stakeholders.

The Ministry of Environment and Forests has identified Consumer Education and Research Centre (CERC), Ahmedabad, as one of the Resource Partners to collect and disseminate information on "Environment Literacy - Eco-labelling and Eco-friendly Products". The main objective of this ENVIS Resource Partner is to disseminate information on Eco products, International, and National Eco labeling programmes.

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Write to us: We value your views and suggestions. Please send your feedback on this issue. We would also like to invite your contributions on the Eco Product and Eco Labelling.

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